

Johnson, Kelli

From: Melissa Vaught <mmv@ftn-assoc.com>
Sent: Thursday, March 10, 2022 11:00 AM
To: gwreports
Cc: Dana Derrington; Andrew Pruitt; Pearson, Jennifer
Subject: Fourth Quarter 2021 Groundwater Monitoring Report and Notice of SSIs & SSLs, Mississippi County Class 1 Landfill, Permit No. 0136-S1-R4, AFIN: 47-00124
Attachments: 2022-03-10 FTN to DEQ-MCLF 4Q2021 GWMR.pdf; Historical database, Mississippi County Class 1 Landfill.xlsx

Follow Up Flag: Follow up
Flag Status: Flagged

Good morning. On behalf of Mississippi County, please find the attached fourth quarter 2021 groundwater monitoring report, notice of statistically significant increases, and notice of statistically significant levels for the Mississippi County class 1 landfill. The historical database is also attached.

As noted in the attached, FTN previously requested a decrease in groundwater monitoring requirements and DEQ has not responded as of the date of this letter. FTN respectfully requests a timely response so that the groundwater monitoring changes can be implemented during the first half of 2022 groundwater monitoring event in June 2022.

If you have any questions or comments regarding this submittal, please contact Dana Derrington or me.

Thank you,

Melissa Vaught, P.E.*
FTN Associates
Environmental Engineer
124 W. Sunbridge Drive, Suite #3
Fayetteville, Arkansas 72703
Office: (479) 571-3334
Fax: (479) 571-3338
*Arkansas and Oklahoma

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March 10, 2022

Mr. Blake Whittle, PG
Groundwater Branch Manager
Assessment and Remediation Program, Office of Land Resources
Arkansas Department of Energy and Environment
Division of Environmental Quality
5301 Northshore Drive
North Little Rock, AR 72118-5317

RE: Fourth Quarter 2021 Groundwater Monitoring Report, Mississippi County Class 1 Landfill
Permit No. 0136-S1-R4, AFIN: 47-00124
FTN No. R04355-2494-001

Dear Mr. Whittle:

On behalf of Mississippi County, FTN Associates, Ltd. (FTN), is pleased to submit the fourth quarter 2021 groundwater monitoring report for the Mississippi County class 1 landfill located in Luxora, Arkansas. As requested by the Division of Environmental Quality (DEQ), we are submitting the entire report in Adobe PDF and the groundwater historical database in Excel file format.

Statistical evaluation of the fourth quarter 2021 data set identified one confirmed statistically significant increase (SSI) and three statistically significant levels (SSLs), listed in the enclosed notices of statistically significant results. Also included in the notice of statistically significant increases is a summary of well-parameter pairs in assessment monitoring with fourth quarter 2021 measured values that exceed their respective prediction limits. Per the requirements of §22.1204(c)(1), Mississippi County has placed the notice of statistically significant results in the landfill operating record. This letter is intended to satisfy the notification requirement of §22.1204(c)(1), §22.1205(g), and the notification requirements agreed to by Mississippi County in correspondence dated June 4, 2021 (DEQ document identification number 80258).

In separate correspondence dated June 4, 2021 (DIN 80261), FTN requested a decrease in groundwater monitoring requirements as allowed by §22.1205 and based on the limited phase 2 area actively receiving waste. As of the date of this letter, DEQ has not responded to this request. We respectfully request a timely response so that any approved groundwater monitoring changes can be implemented during the first half of 2022 groundwater monitoring event in June 2022.

Mr. Blake Whittle
March 10, 2022
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If you have any questions or comments regarding this submittal, please do not hesitate to contact me at (314) 786-5855 or Melissa Vaught, PE, at (479) 571-3334.

Respectfully submitted,
FTN ASSOCIATES, LTD.



Dana Derrington, PE, PG
Project Manager

Enclosures

CC: Jamal Solaimanian, Division of Environmental Quality (with enclosures)
The Honorable John Alan Nelson, Mississippi County Judge (with enclosures)
J.T. Harris, Mississippi County (with enclosures)
James Roundtree, Mississippi County Landfill Director (with enclosures)

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MMV



**NOTICE OF STATISTICALLY SIGNIFICANT INCREASES
FOURTH QUARTER 2021 MONITORING PERIOD**

MISSISSIPPI COUNTY CLASS 1 LANDFILL
LUXORA, ARKANSAS
PERMIT NO. 0136-S1-R4, AFIN: 47-00124

Statistical evaluation of the fourth quarter 2021 data set identified a confirmed statistically significant increase for the well-parameter pair listed below.

Analyte	Well ID
Barium	MW-24

The following well-parameter pairs are currently in assessment monitoring and are evaluated with confidence intervals or a trend test over the most recent eight values in the data set. Well-parameter pairs with fourth quarter 2021 measured values above their respective prediction limits or that indicate a statistically significant increasing trend over the period of record are listed below.

Analyte	Well ID
Arsenic	MW-5R
Barium	MW-1
Barium	MW-5R
Chloride	MW-3
Chloride	MW-5R
Chloride	MW-6
Iron	MW-1
Manganese	MW-1
Nickel	MW-3
Nickel	MW-4R2
TDS	MW-1
TDS	MW-3

**NOTICE OF STATISTICALLY SIGNIFICANT LEVELS ABOVE A GWPS
FOURTH QUARTER 2021 MONITORING PERIOD**

MISSISSIPPI COUNTY CLASS 1 LANDFILL
LUXORA, ARKANSAS
PERMIT NO. 0136-S1-R4, AFIN: 47-00124

Statistical evaluation of the fourth quarter of 2021 groundwater monitoring data using confidence intervals indicated confirmed statistically significant levels above the proposed landfill groundwater protection standards for the well-parameter pairs listed below.

Well ID	Parameter
MW-1	Arsenic
MW-4R2	Arsenic
MW-5R	Arsenic

**FOURTH QUARTER 2021
GROUNDWATER MONITORING REPORT
MISSISSIPPI COUNTY CLASS 1 LANDFILL
LUXORA, ARKANSAS
PERMIT NO. 0136-S1-R4, AFIN: 47-00124**

MARCH 10, 2022

FOURTH QUARTER 2021
GROUNDWATER MONITORING REPORT
MISSISSIPPI COUNTY CLASS 1 LANDFILL
LUXORA, ARKANSAS
PERMIT NO. 0136-S1-R4, AFIN: 47-00124

Prepared for

Mississippi County
Mississippi County Landfill
200 West Walnut Street, Room 204
Blytheville, AR 72315

Prepared by

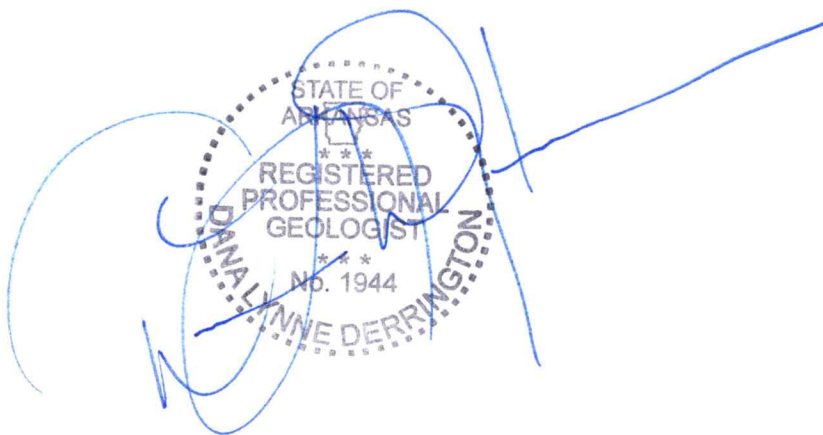
FTN Associates, Ltd.
3 Innwood Circle, Suite 220
Little Rock, AR 72211

FTN No. R04355-2494-001

March 10, 2022

PROFESSIONAL GEOLOGIST'S CERTIFICATION

With this certification, I certify that I, as a professional geologist in the state of Arkansas, am a qualified groundwater scientist as defined in Arkansas Pollution Control and Ecology Commission Regulation No. 22, §22.1201(f), that I have reviewed this groundwater monitoring report, that the findings are accurate to the best of my knowledge, and that it meets the applicable reporting requirements of Regulation No. 22, §22.1203(k).



Dana L. Derrington, Arkansas PG #1944

03/10/2022
Date

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1.0 INTRODUCTION

Mississippi County owns and operates a class 1 municipal solid waste landfill located approximately 2.5 miles northwest of Luxora in Mississippi County, Arkansas, as shown on Figure 1.1. The landfill currently operates under Permit No. 0136-S1-R4, which was issued by the Arkansas Department of Energy and Environment, Division of Environmental Quality (DEQ), on June 30, 2015. The landfill consists of two noncontiguous permitted areas referred to as phase 1 and phase 2 in the facility's permit. Waste disposal activities in phase 1 ceased on December 1, 2016, following DEQ authorization of cell 15 in phase 2 on November 21, 2016 (DEQ document identification number [DIN] 70630). Cell 16 was approved for waste disposal by DEQ on May 10, 2021 (DIN 80036).

Groundwater monitoring has been conducted at the landfill since October 1993 in fulfillment of the permit and Arkansas Pollution Control and Ecology Commission (APCEC) Regulation No. 22 requirements. The monitoring wells located around the phase 1 area are in quarterly assessment monitoring in accordance with §22.1204(c) and §22.1205. The first sampling event at the phase 1 wells under the assessment monitoring program was performed during the first quarter 2017, per the requirements of §22.1205 and a letter from DEQ dated January 12, 2017 (DIN 70835). The phase 2 wells are sampled semiannually under the landfill's detection monitoring program in accordance with the facility's permit and Regulation No. 22. This report presents the results of the fourth quarter 2021 groundwater monitoring period, which included quarterly assessment monitoring of the phase 1 monitoring wells and semiannual detection monitoring of the phase 2 monitoring wells.

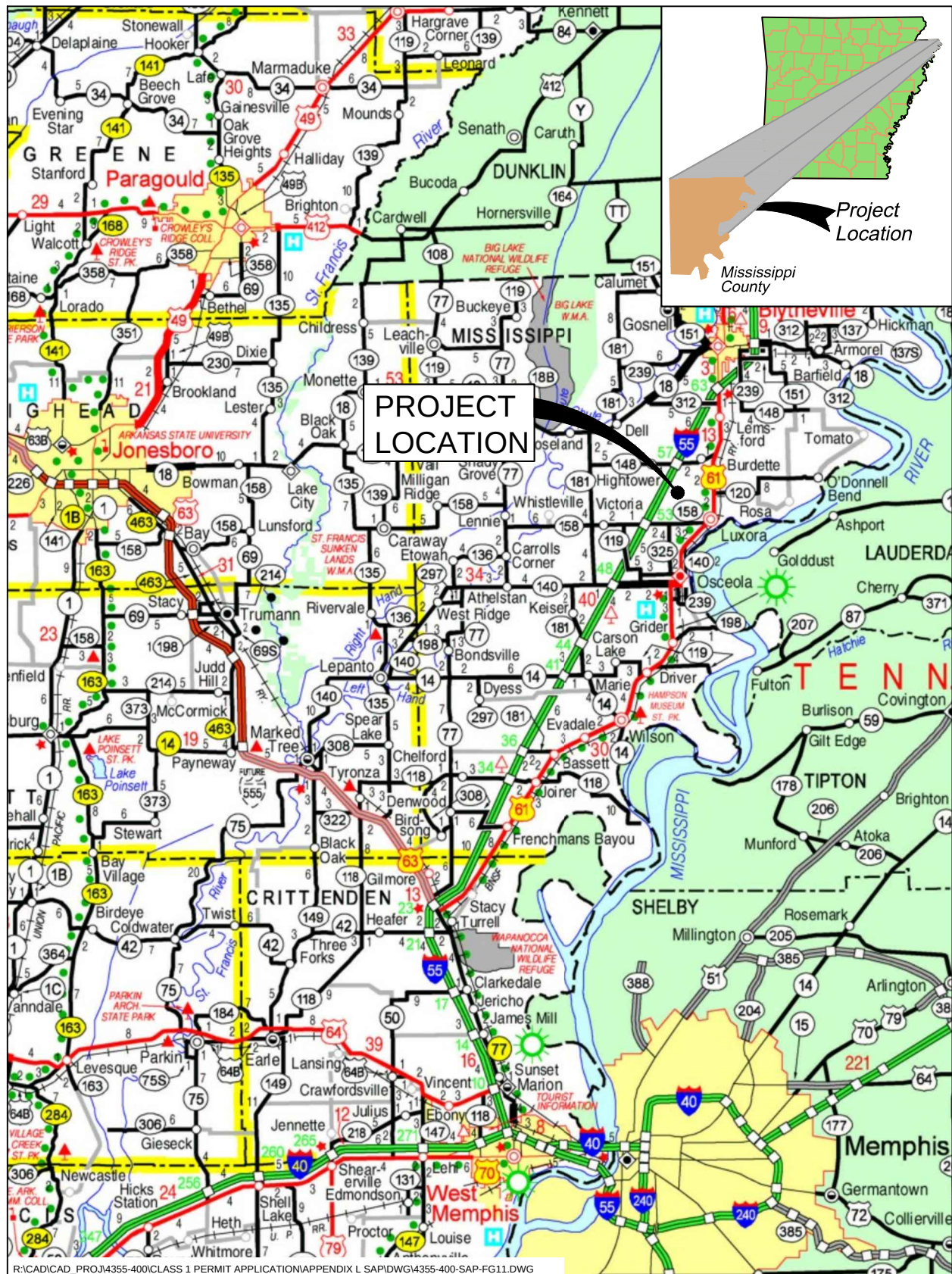


Figure 1.1 Location map.

2.0 GROUNDWATER MONITORING PROGRAM

This section describes the monitoring well system, sampling schedule, sampling methodology, and laboratory analyses. A detailed description of the site's hydrogeological setting and groundwater monitoring program can be found in the landfill's DEQ-approved groundwater sampling and analysis plan (GWSAP) (DIN 67242).

2.1 Groundwater Monitoring System

The groundwater monitoring system is shown on Figure 2.1 and consists of 21 monitoring wells and two piezometers. One investigative well, OB-1, is also shown on Figure 2.1. This well was installed during 2007 to provide background information for a previous alternate source demonstration (ASD) for the landfill (DIN 51980). Sampling resumed at OB-1 during 2016 as part of an ASD submitted to DEQ on October 3, 2016 (DIN 70369). Sampling at OB-1 has continued since 2016 for ongoing background data collection.

The uppermost aquifer and zone of interest for groundwater monitoring beneath the landfill is the Mississippi River Valley alluvial aquifer (hereafter referred to as the alluvial aquifer). Each well and piezometer shown on Figure 2.1 is constructed of 2-inch-diameter polyvinyl chloride solid riser and slotted well screens positioned in the uppermost saturated sediments of the alluvial aquifer. Well construction details are summarized in Table 2.1 and are based on available well construction logs and the most recent well surveys.

The direction of groundwater flow across the phase 1 and phase 2 areas shifts on a seasonal basis and has, at different times of the year, been observed to be toward the southwest, west, or northwest. Relative to the phase 1 area, investigative well OB-1 is consistently upgradient, MW-2 is upgradient or sidegradient, and the remaining phase 1 wells are considered compliance wells because of their downgradient or sidegradient position. In the phase 2 area, monitoring wells MW-11, MW-12, MW-13, MW-14, MW-15R, MW-16, and MW-24 are considered compliance wells because they are located downgradient or sidegradient of active cells 15 and 16. The remaining phase 2 wells are considered background wells because they are positioned upgradient or located outside the radius of influence of active cells 15 and 16.



Figure 2.1 Site map showing monitoring well system, Mississippi County Class 1 Landfill.

Table 2.1 Well construction data.

Well ID	Well Installation Date	Ground Surface Elevation (ft NGVD^[a])	MP^(b) Elevation (ft NGVD^[a])	Total Depth (ft below MP^[b])	Screened Interval (ft NGVD^[a])
MW-1	6/3/1993	235.2	236.96	40.0	207.0–197.0
MW-2	6/3/1993	235.5	236.61	32.0	215.0–205.0
MW-3	6/3/1993	237.4	239.45	42.0	207.0–197.0
MW-4R2	4/28/2009	239.7	242.61	42.0	210.6–200.6
MW-5R ^(c)	10/28/2003	236.6	238.83	42.6	206.2–196.2
MW-6 ^(c)	10/28/2003	238.5	240.85	43.3	207.6–197.6
MW-10	2/6/2007	233.4	235.81	30.4	215.8–205.8
MW-11	9/25/2015	231.7	234.77	33.6	211.6–201.6
MW-12	9/24/2015	231.7	235.18	33.2	212.4–202.4
MW-13	9/28/2015	232.3	234.56	43.6	201.4–191.4
MW-14	9/29/2015	233.1	236.03	43.8	202.6–192.6
MW-15R	9/30/2015	235.3	238.44	37.6	211.2–201.2
MW-16	10/1/2015	233.4	235.90	39.6	206.7–196.7
MW-17	2/15/2007	237.4	239.89	42.3	208.0–198.0
MW-18	2/8/2007	235.3	237.46	38.1	209.8–199.8
MW-19	2/14/2007	235.0	237.71	34.0	214.1–204.1
MW-20	2/9/2007	237.4	239.08	42.9	206.5–196.5
MW-21	10/2/2015	235.9	238.98	45.4	204.0–194.0
MW-22	10/6/2015	236.0	238.83	49.1	200.0–190.0
MW-23	10/6/2015	235.9	238.67	36.8	212.3–202.3
MW-24	9/29/2015	234.3	237.34	36.5	211.2–201.2
FTN B-11	2/12/2007	233.0	236.23	32.1	214.5–204.5
FTN B-15	2/13/2007	234.3	237.28	38.4	209.3–199.3
OB-1 ^(d)	2/15/2007	235.5	235.69	22.5	213.5–203.5

Notes:

- National Geodetic Vertical Datum of 1929.
- MP=surveyed measuring point located on the top of well casing.
- Well diagram is unavailable; construction details are based on personal communication with David Jaros, PG, of Terracon, from May 17, 2010.
- Investigative well only; not a part of monitoring well network.

2.2 Sampling Schedule

The landfill's monitoring wells are currently sampled at the frequency presented in Table 2.2. During the fourth quarter 2021, quarterly assessment monitoring for the phase 1 wells and semiannual detection monitoring for the phase 2 wells was performed December 6 through 10, 2021. The next quarterly assessment monitoring event for phase 1 is scheduled for March 2022.

Table 2.2 Groundwater sampling frequency.

Phase 1 Wells Quarterly Assessment		Phase 2 Wells Semiannual Detection			
MW-1	MW-5R	MW-10	MW-14	MW-18	MW-22
MW-2	MW-6	MW-11	MW-15R	MW-19	MW-23
MW-3	OB-1 ^(a)	MW-12	MW-16	MW-20 ^(b)	MW-24
MW-4R2		MW-13	MW-17 ^(b)	MW-21	

Notes:

- a. OB-1 is being sampled as a background well for phase 1 for assessment monitoring.
- b. MW-17 and MW-20 are damaged and were not sampled during the fourth quarter 2021 monitoring period.

2.3 Sampling Methodology

To ensure that monitoring results are an accurate representation of groundwater quality, sample collection follows the guidelines for sample collection, preservation, shipment, chain-of-custody (COC) control, and quality assurance/quality control (QA/QC) outlined in the landfill's DEQ-approved GWSAP. Groundwater is sampled using the low-flow, minimal drawdown sampling method, performed according to US Environmental Protection Agency (EPA) guidelines (Puls and Barcelona 1996).

Each well was sampled using a Geopump Peristaltic Series II pump and linear low-density polyethylene tubing. Field parameters were measured during purging and sampling using a Hach 2100P portable turbidity meter and a YSI MPS 556 multiparameter instrument fitted with a flow-through cell. Field sampling forms for the fourth quarter 2021 monitoring event are provided in Appendix A.

2.4 Laboratory Analyses

In accordance with Regulation No. 22 and the landfill's permit, groundwater samples collected during the fourth quarter 2021 from the phase 1 wells are analyzed for the list of assessment monitoring constituents (AMCs) and samples from the phase 2 wells are analyzed for the constituent list included in Permit No. 0136-S1-R4 for detection monitoring. At this time, the AMC list is comprised of the same list of parameters required by permit No. 0136-S1-R4. As such, all samples collected from phase 1 and 2 monitoring wells during the fourth quarter 2021 were analyzed for the permit-required list of parameters included as Table 2.3.

Groundwater samples were submitted to Pace Analytical National (Pace) of Mt. Juliet, Tennessee, for analysis. Samples were analyzed using recommended methods described in *Test Methods for Evaluating Solid Waste—Physical/Chemical Methods* (SW-846) or equivalent, and guidelines established by EPA.

Table 2.3 Permit no. 0136-S1-R4 list of parameters.

Organic Parameters			
Acetone	trans-1,4-Dichloro-2-butene	Methyl iodide	
Acrylonitrile	1,1-Dichloroethane	4-Methyl-2-pentanone	
Benzene	1,2-Dichloroethane	Styrene	
Bromochloromethane	1,1-Dichloroethylene	1,1,1,2-Tetrachloroethane	
Bromodichloromethane	cis-1,2-Dichloroethylene	1,1,2,2-Tetrachloroethane	
Bromoform	trans-1,2-Dichloroethylene	Tetrachloroethylene	
Carbon disulfide	1,2-Dichloropropane	Toluene	
Carbon tetrachloride	cis-1,3-Dichloropropene	1,1,1-Trichloroethane	
Chlorobenzene	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	
Chloroethane	Ethylbenzene	Trichloroethylene	
Chloroform	2-Hexanone	Trichlorofluoromethane	
Dibromochloromethane	Methyl bromide	1,2,3-Trichloropropane	
1,2-Dibromo-3-chloropropane (DBCP)	Methyl chloride	Vinyl acetate	
1,2-Dibromoethane (EDB)	Methylene bromide	Vinyl chloride	
1,2-Dichlorobenzene	Methylene chloride	Xylene	
1,4-Dichlorobenzene	Methyl ethyl ketone		
Inorganic Parameters		General Water Quality Parameters	
Antimony	Lead	Chloride	Temperature*
Arsenic	Nickel	Iron	Turbidity*
Barium	Selenium	Manganese	
Beryllium	Silver	Sulfate	
Cadmium	Thallium	Total dissolved solids (TDS)	
Chromium	Vanadium	Total organic carbon (TOC)	
Cobalt	Zinc	Conductance*	
Copper		pH*	

*Field parameter.

3.0 WATER LEVEL DATA

This section presents water level data, direction, and rate of groundwater flow.

3.1 Water Level Measurements

Static water levels were measured on December 6, 2021, prior to the fourth quarter 2021 sampling activities. Depths to water were measured to the nearest 0.01 ft from the MP located on the top of casing and are tabulated in Table 3.1.

Table 3.1 Water level data and potentiometric surface elevations, fourth quarter 2021.

Well ID	TOC Elevation (ft NGVD)	Depth to Water (ft below MP)	Potentiometric Surface Elevation (ft NGVD)
MW-1	236.96	18.23	218.73
MW-2	236.61	17.25	219.36
MW-3	239.45	20.67	218.78
MW-4R2	242.61	23.30	219.31
MW-5R	238.83	19.75	219.08
MW-6	240.85	22.01	218.84
MW-10	235.81	16.44	219.37
MW-11	234.77	15.53	219.24
MW-12	235.18	16.10	219.08
MW-13	234.56	15.56	219.00
MW-14	236.03	17.19	218.84
MW-15R	238.44	19.70	218.74
MW-16	235.90	17.24	218.66
MW-17	239.89	not measured ^(a)	not measured ^(a)
MW-18	237.46	18.74	218.72
MW-19	237.71	18.34	219.37
MW-20	239.08	not measured ^(a)	not measured ^(a)
MW-21	238.98	19.65	219.33
MW-22	238.83	19.23	219.60
MW-23	238.67	19.19	219.48
MW-24	237.34	18.16	219.18
FTN B-11	236.23	17.53	218.70
FTN B-15	237.28	18.25	219.03
OB-1	235.46	15.71	219.75

Note:

a. MW-20 and MW-17 are damaged; water levels were not used to construct the potentiometric surface.

3.2 Direction of Groundwater Flow

Water level data were converted to elevations in ft NGVD and contoured to construct the potentiometric surface map shown on Figure 3.1. As shown on Figure 3.1, the direction of groundwater flow was toward the west across the phase 1 area and to the west-southwest across the phase 2 area.

As noted on Figure 3.1, water levels were not gauged at damaged phase 2 wells MW-17 and MW-20 during the fourth quarter 2021. Water levels were gauged in the remaining thirteen phase 2 monitoring wells and two phase 2 piezometers. The absence of water level data from MW-17 and MW-20 does not affect the interpretation of the direction of groundwater flow across the phase 2 area.

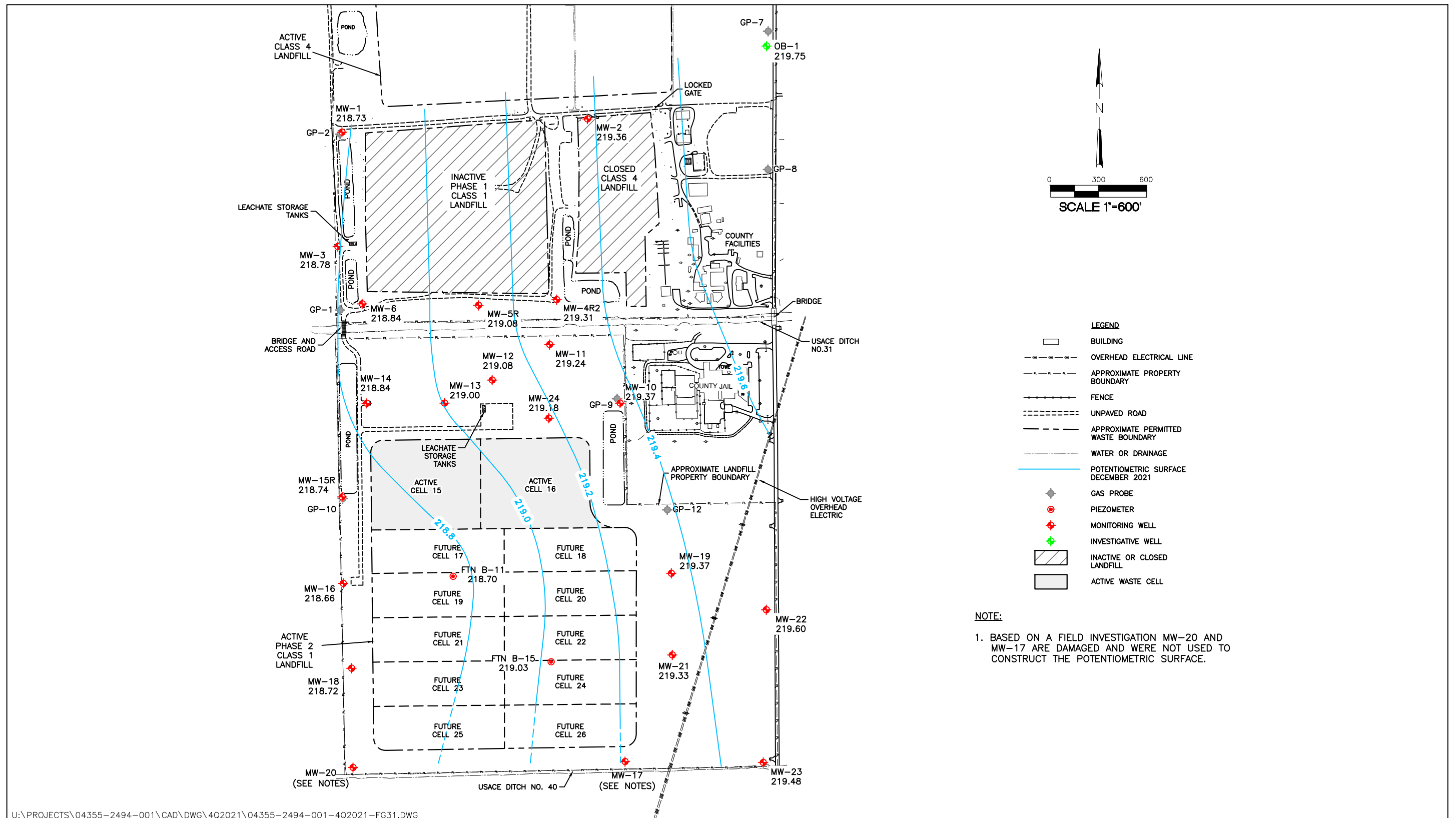


Figure 3.1 Potentionmetric Surface, December 6, 2021.

3.3 Rate of Groundwater Flow

The rate of flow, or linear groundwater velocity, is calculated using the following equation:

$$V_x = K/n_e(dh/dl)$$

where: V_x = linear velocity,
 K = hydraulic conductivity,
 n_e = effective porosity, and
 dh/dl = hydraulic gradient.

The hydraulic conductivity (K) of the aquifer beneath the site is estimated to range from 4 to 22 ft/day (FTN Associates, Ltd. [FTN] 2015). An effective porosity (n_e) of 20% is assumed based on lithology and published reports (EPA 1998). The dh/dl values are calculated using the equipotential lines that most closely represent the flow lines from upgradient to downgradient across the phase 1 and phase 2 areas. The dh/dl values are then used to calculate V_x for the phase 1 and phase 2 areas. Estimated V_x values based on the December 6, 2021, potentiometric surface map for phase 1 and phase 2 are summarized in Table 3.2.

Table 3.2 Summary of estimated groundwater flow rates, fourth quarter 2021.

Permitted Area	Flow Line	Hydraulic Gradient (dh/dl) (ft/ft)	Hydraulic Conductivity (K) (ft/day)	Linear Velocity (V_x) (ft/year)
Phase 1	MW-2 to MW-1	4.1×10^{-4}	4	3
			22	16
Phase 2	219.4 ft contour to 218.8	4.4×10^{-4}	4	3
			22	18

4.0 GROUNDWATER QUALITY DATA

This section presents analytical results from sampling performed during the fourth quarter 2021 and reviews field and laboratory QA/QC measures.

4.1 Summary of Groundwater Quality Results

Samples from the phase 1 and 2 monitoring wells were analyzed for the parameters listed in Table 2.3, as required by assessment monitoring and the landfill permit. Laboratory reports provided by Pace are included in Appendix B and a review of the laboratory quality control information is provided in Section 4.2. Data from the fourth quarter 2021 are compiled in the landfill's historical groundwater database, which is included as Appendix C.

Analytical results for parameters detected above the laboratory reporting detection limit (RDL) are summarized in Table 4.1, along with field-measured pH and turbidity. The proposed groundwater protection standards (GWPSs) (DINs 75058, 78150, and 80258) are included in Table 4.1 for comparison purposes. As shown in Table 4.1, MW-1, MW-4R2, MW-5R, MW-11, MW-14 and MW-24 had measured levels of arsenic above the proposed GWPS.

As documented in numerous published reports, arsenic concentrations above the EPA-promulgated maximum contaminant level (MCL) (0.01 mg/L) are typical of the regional groundwater quality of the underlying aquifer (Gonthier 2003, Kresse and Fazio 2003, Kresse et al. 2014). Furthermore, a review of the elevated arsenic data at the phase 2 wells in the second quarter of 2021 (DIN 80850) showed levels above the proposed arsenic GWPS prior to DEQ approval of cell 15 in November 2016 and of cell 16 in May 2021. In addition, these wells are outside the radius of influence of phase 1 waste based on a preliminary review of the historical direction of groundwater flow, the distance of these wells from the phase 1 waste, the age of phase 1 waste, and a maximum expected groundwater velocity of approximately 34 ft/year. In view of this, the elevated arsenic levels at the phase 2 wells are either indicative of the natural variations in groundwater quality at the site or the result of offsite influence. As such, the proposed GWPS for arsenic may not be appropriate for use at this site. It is expected that this issue will be addressed in a forthcoming nature and extent investigation work plan (DIN 80258).

Table 4.1 Reported values for parameters detected in groundwater samples, fourth quarter 2021.

Analyte	Date Collected	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chloride (mg/L)	Chromium (mg/L)	Copper (mg/L)	Iron (mg/L)	Lead (mg/L)	Manganese (mg/L)	Nickel (mg/L)	Sulfate (mg/L)	TDS (mg/L)	TOC (mg/L)	Zinc (mg/L)	pH (su)	Turbidity (NTU)
Phase 1 Quarterly Assessment Monitoring																	
MW-1	12/10/2021	0.0858	0.563	<0.00100	66.2	<0.00200	0.111	17.3	0.00747	3.6	0.00574	33.6	599	4.42	0.0772	6.7	2.1
MW-2	12/09/2021	0.00918	0.353	<0.00100	17.4	0.00155 J	<0.00500	19.7	<0.00200	2.29	0.00206	69.7	589	2.68	<0.0250	6.9	4.3
MW-3	12/10/2021	0.0396	0.503 ^(b)	<0.00100	98	<0.00200	<0.00500	18.9 ^(b)	<0.00200	1.78	0.00955	28.4	652	4.05	<0.0250	6.6	7.2
MW-4R2	12/09/2021	0.112	0.418	<0.00100	17.9	0.00372	<0.00500	18.1	<0.00200	1.43	0.0049	13.7	276	3.47	<0.0250	6.8	9.7
MW-5R	12/09/2021	0.118	0.448	<0.00100	7.01	<0.00200	<0.00500	17.5	<0.00200	1.99 ^(b)	0.00126 J	42.8	340	1.48 B	<0.0250	6.7	2.7
MW-6	12/09/2021	0.00462 ^(b)	0.475	<0.00100	26	<0.00200 ^(b)	<0.00500	16.4	0.00117 J	1.5	0.00253 ^(b)	27.8	523	2.92	0.00327 BJ	6.8	7.9
OB-1 ^(a)	12/07/2021	0.0909	0.287	0.00162	1.92	<0.00200	<0.00500	6.06	<0.00200	2.7	<0.00200	3.6 J	402	1.22 B	0.0118 J	7.1	6.8
Phase 2 Semiannual Detection Monitoring																	
MW-10	12/08/2021	0.00502	0.173	<0.00100	2.94	0.00205	0.00178 J	5.7	0.000956 J	0.769	0.00232	20.4	236	1.93 B	0.00553 BJ	6.7	8.6
MW-11	12/08/2021	0.0556	0.217	<0.00100	2.54	0.00748	<0.00500	13.5	<0.00200	1.72	0.00381	25.2	268	1.3 B	<0.0250	6.9	4.6
MW-12	12/08/2021	0.0344	0.175	<0.00100	5.22	0.00498	0.00442 J	6.41	<0.00200	1.58	0.00486	40.5	240	0.878 BJ	0.0076 BJ	6.5	3.9
MW-13	12/08/2021	0.024	0.238	<0.00100	3.47	0.00128 J	0.00221 J	13.4	<0.00200	1.53	<0.00200	30.1	291	1.32 B	0.00385 BJ	6.7	9.6
MW-14	12/08/2021	0.0524	0.355	<0.00100	2.93	<0.00200	0.00166 J	11.5	<0.00200	2.23	<0.00200	37	298	1.29 B	0.00399 BJ	6.9	5.6
MW-15R	12/09/2021	0.0332	0.244	<0.00100	6.31	0.00134 J	<0.00500	12.8	<0.00200	1.27	0.00266	22.5	242	1.07 B	0.00444 BJ	6.9	7.7
MW-16	12/09/2021	0.0321 ^(b)	0.386 ^(b)	<0.00100	4.63	0.00441	0.00502	17.5	<0.00200	1.33	0.00358	39.1	317	1.29 B	0.0052 BJ	7.0	9.5
MW-18	12/08/2021	0.0102	0.447	<0.00100	5.18	<0.00200	0.00216 J	12.1	<0.00200	1.51	0.00221	86.9	457	1.1 B	0.00593 BJ	6.9	9.8
MW-19	12/07/2021	0.00471	0.221	<0.00100	1.14	<0.00200	<0.00500	7.91	<0.00200	1.43	0.000921 J	17.7	249	1.51 B	0.00576 BJ	6.9	6.9
MW-21	12/07/2021	0.0292	0.443 ^(b)	<0.00100	3.22	<0.00200	<0.00500	10.8	<0.00200	1.7	<0.00200	19.1	294	1.02 B	<0.0250	6.9	5.0
MW-22	12/07/2021	0.033	0.397	<0.00100	3.2	<0.00200	<0.00500	11.4	<0.00200	2.47	<0.00200	27.2	294	1.2 B	<0.0250	7.0	6.7
MW-23	12/07/2021	0.00769	0.26	<0.00100	5.32	<0.00200	<0.00500	9.22	<0.00200	1.3	0.00159 J	24.3	293	1.95 B	0.00458 J	6.7	4.5
MW-24	12/07/2021	0.0554	0.378 ^(b)	<0.00100	4.74	<0.00200	<0.00500	15.8	<0.00200	1.58	0.0018 J	33.5	321	1.4 B	0.00328 J	6.7	9.3
Quality Control Samples																	
MW-4R2 DUP ^(c)	12/09/2021	0.0953	0.338	<0.00100	18.8	<0.00200	<0.00500	15.3	<0.00200	1.25	0.0031	14.4	277	3.59	0.0031 J	---	---
EB-1 ^(c)	12/08/2021	0.00375	0.141	<0.00100	3.18	0.0021	<0.00500	4.51	<0.00200	0.638	0.00165 J	22.2	234	2.14 B	0.00395 J	---	---
MW-10 DUP ^(d)	12/10/2021	<0.00200	<0.00200	<0.00100	<1.00	<0.00200	<0.00500	<0.100	<0.00200	<0.00500	<0.00200	<5.00	<10.0	0.297 BJ	<0.0250	---	---
EB-2 ^(d)	12/09/2021	<0.00200	0.000972 J	<0.00100	<1.00	<0.00200	<0.00500	<0.100	<0.00200	<0.00500	<0.00200	<5.00	<10.0	0.136 BJ	0.00441 J	---	---
Proposed GWPS		0.04048 ^(e)	2 ^(f)	0.005 ^(f)	---	0.1 ^(f)	1.3 ^(h)	---	0.015 ^(h)	---	0.2 ^(g)	---	---	---	2.0 ^(g)	---	---

Notes: “B” flag indicates a detection in an associated quality control sample. “J” flag indicates the parameter was detected below the RDL; the reported value is an estimate.

- a. OB-1 is not a phase 1 monitoring well; however, it is being sampled for additional background water quality data while the phase 1 wells are in assessment monitoring.
- b. Value shown is the result of a laboratory re-run of the sample for verification purposes.
- c. EB-1 was a field equipment rinsate blank and MW-4R2 DUP was a duplicate of MW-4R2 for the phase 1 wells.
- d. EB-2 was a field equipment rinsate blank and MW-10 DUP was a duplicate of MW-10 for the phase 2 wells.
- e. Proposed GWPS is pending.
- f. Proposed GWPS is an EPA MCL (DINs 75058 and 78150).
- g. Proposed GWPS is an EPA risk-based screening level (DINs 75058 and 78150).
- h. Proposed GWPS is an EPA Action Level (DINs 75058 and 78150).

4.2 Laboratory QA/QC Data Evaluation

Laboratory reports provided by Pace are included in Appendix B. Based on FTN's review of the data quality documentation provided by Pace, the overall quality of the data relative to the contaminants of concern was acceptable and generally met method-specific requirements for precision and accuracy. According to documentation provided by Pace (Appendix B), the groundwater samples were received by the laboratory in good condition, properly preserved, at the correct temperature, and were analyzed within holding times. The RDLs included in the laboratory report are all below EPA-promulgated MCLs and, with few exceptions, meet the RDLs required by the GWSAP. Pace reviews RDLs on an annual basis and adjusts these limits based on current technology. As such, RDLs are subject to change without notice and some of the RDLs prescribed by the GWSAP are currently unattainable.

4.3 Field QA/QC Data Evaluation

Field QA/QC samples include sample duplicates, field equipment rinsate blanks and trip blanks. Sample duplicates are taken as an assessment of the reproducibility of sampling methods. To verify that results for a duplicate pair show reasonable precision for analyzed parameters, the relative percent difference (RPD) is calculated when the detected level is at least five times the laboratory RDL and where neither result is qualified or suspected of blank contamination. The RPD quality control limit is 20%. Equipment rinsate blanks are taken to assess the effectiveness of field decontamination procedures. The trip blank is prepared by the laboratory and shipped with other sample bottles. Trip blanks are used to determine error introduced by shipping or analytical procedures. When a detection occurs above an RDL in a quality control blank, associated groundwater data for the detected parameter are flagged with a "B" in the historical database if the measured levels in the groundwater samples are above the reporting limit. EPA guidance (1986) recommends that detections in quality control blanks not be used to correct groundwater data.

Field QA/QC samples were collected in conjunction with groundwater sampling activities performed during the fourth quarter 2021. All QA/QC samples were handled in the same manner as groundwater samples with respect to sample collection, packaging, shipping, preservation, and COC procedures. Field QA/QC during the fourth quarter 2021 included the

collection of two duplicates, two equipment rinsate blanks, and one trip blank. Results of the QA/QC evaluation are as follows:

- Calculated RPDs for the field duplicate pair MW-4R2/MW-4R2 DUP were below the quality control limit of 20%, with the exception of barium that had an RPD of 21%.
- Calculated RPDs for the field duplicate pair MW-10/MW-10 DUP were below the quality control limit of 20%, with the exception of iron was 23%.
- Results for the equipment rinsate blanks, EB-1 and EB-2, were below the respective laboratory RDLs, indicating field decontamination methods were effective.
- There were no reported values above the RDL in the laboratory trip blank.

5.0 STATISTICAL EVALUATION

This section describes the statistical approach used to evaluate data for detected parameters for the current monitoring period, followed by a discussion of the results.

5.1 Statistical Program Design

The statistical approach for groundwater monitoring at the landfill is described in detail in the facility's approved GWSAP and adheres to recommendations in EPA's *Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, Unified Guidance*, released in March 2009 (Unified Guidance). A combination of detection and assessment monitoring statistical tests are applied to evaluate groundwater quality data at this site, as summarized in the following sections.

5.1.1 Detection Monitoring Statistics

In the absence of a confirmed statistically significant increase (SSI), or statistically significant decrease (SSD) in the case of pH, detected well-parameter pairs are analyzed using either intrawell prediction limits combined with a "1 of 2" retesting strategy or with a Mann-Kendall/Sen's Slope test to determine if statistically significant changes in groundwater quality have occurred.

Intrawell prediction limits are applied to well-parameter combinations that have background populations containing a minimum of 8 to 10 independent values that have a stationary statistical distribution (i.e., the data do not change over time). Retesting, or verification sampling, is required by the landfill's GWSAP if an initial sampling result exceeds a prediction limit. The "1 of 2" retesting strategy requires one verification sample be obtained within the same monitoring period as the initial exceedance. If the measured value in the verification sample also exceeds the prediction limit, then an SSI (or SSD in the case of pH) is declared.

Well-parameter pairs that exhibit non-stationarity are tested for statistically significant changes using the Mann-Kendall/Sen's Slope test for trends. If a statistically significant increasing trend (or statistically significant decreasing trend in the case of pH) is indicated, then this is evidence of possible deteriorating groundwater quality. While there is no explicit retesting

strategy for the Mann-Kendall/Sen's Slope test (as there is for prediction limits), retesting can be applied (Cameron 2015).

At this time, DEQ requires the facility to statistically evaluate all phase 1 well data on a quarterly basis, including those well-parameter pairs being evaluated by detection monitoring statistics. The elevated frequency for groundwater sampling and statistical evaluation is problematic for the landfill's "1 of 2" retesting strategy because of the requirement to obtain statistically independent samples. According to ASTM D6312-17 (ASTM International 2017) and Gibbons (1994), groundwater should be sampled no more frequently than quarterly to avoid auto-correlated data. As such, the facility is unable to implement the "1 of 2" re-testing strategy for phase 1 wells at this time. The "1 of 2" retesting strategy does, however, apply to the phase 2 detection monitoring wells, which are sampled semiannually. When an unverified statistical exceedance is identified for a well-parameter pair from the phase 1 area, the sample collected during the next quarterly monitoring period is used as a pseudo-verification sample to confirm or disconfirm the SSI/SSD.

Appendix D identifies the statistical test applied to each well-parameter pair in the landfill's detection monitoring program. Background data sets used for prediction limit analyses are also identified in Appendix D.

5.1.2 Assessment Monitoring Statistics

During assessment monitoring, data are evaluated to determine if groundwater concentrations are at statistically significant levels (SSLs) above a GWPS. For this type of analysis, the Unified Guidance recommends confidence interval testing against a fixed GWPS. Similar to the statistical tests used for detection monitoring, a confidence interval test assumes the data tested are statistically independent and exhibit stationarity. Confidence interval tests can be parametric (for data with a normal or transformed-normal distribution) or nonparametric (for data that are not normally distributed). The Unified Guidance recommends using eight or more values per compliance well to construct a confidence interval. Fewer values may be used; however, a minimum of four data points is required to construct a parametric confidence interval, and a minimum of seven data points is required to construct a nonparametric confidence interval.

Sections 22.1205(d)(4) and 22.1205(h) require the landfill to establish GWPSs for detected constituents for use in the assessment monitoring statistical analyses. GWPSs are established per the requirements of §22.1205(h), which states the following:

1. For constituents for which an MCL has been promulgated under Section 1412 of the Safe Drinking Water Act (codified) under Title 40 of the Code of Federal Regulations (CFR) Part 141, the GWPS shall be the MCL for that constituent;
2. For constituents for which MCLs have not been promulgated, the GWPS shall be the background concentration for the constituent established from wells in accordance with §22.1202(a)(1); or
3. For constituents for which the background level is higher than the MCL identified under §22.1205(h)(1) or health-based levels identified under §22.1205(i)(1), the GWPS shall be the background concentration.

In accordance with communication between Mississippi County and DEQ (DINs 72632, 72774, and 73164), the landfill submitted a proposed list of GWPSs to DEQ for approval on December 3, 2018 (DIN 75058). Since then, the following correspondence has occurred:

- DEQ issued comments regarding the proposed GWPSs on February 4, 2019 (DIN 75447). The landfill submitted a response to DEQ comments on March 6, 2019 (DIN 75698).
 - DEQ responded to the landfill's response on March 17, 2020 (DIN 77965) with additional comments on the proposed GWPSs. In a separate DEQ letter also dated March 17, 2020 (DIN 77966), DEQ did not approve any of the GWPSs but requested that the landfill statistically evaluate well-parameter pairs using the landfill's proposed GWPSs.
 - The landfill responded to DEQ's letters on April 17, 2020 (DINs 78149 and 78150). Per this correspondence, the landfill agreed to evaluate well-parameter pairs with proposed GWPSs, as applicable, with the exception of arsenic due to ongoing correspondence regarding this parameter.
 - DEQ responded to the landfill's response on May 6, 2021 (DIN 80031), with additional comments on the proposed arsenic GWPS and a request that the landfill statistically evaluate well-parameter pairs using the proposed arsenic GWPS.
 - DEQ and FTN met on May 17, 2021, to discuss DEQ's May 6, 2021, letter. The landfill responded to the DEQ letter on June 4, 2021 (DIN 80258). The landfill agreed to evaluate the well-parameter pairs with the proposed arsenic GWPS, as applicable, until the GWPS is agreed upon by the landfill and DEQ.
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However, the proposed GWPS for arsenic may not be appropriate for use at this site as stated in Section 4.0. This is based on elevated levels at phase 2 wells in the second quarter 2021 which predates use of cells 15 and 16 and were measured at wells located outside the radius of influence of phase 1 waste (DIN 80850). It is expected that this issue will be addressed in the forthcoming nature and extent investigation work plan.

Table 5.1 summarizes the well-parameter pairs with confirmed SSIs. Of these, arsenic, barium, and nickel were evaluated against their respective proposed GWPSs using confidence interval tests in this report. The other parameters listed in Table 5.1 are general water quality parameters and do not have enforceable limits established by the federal National Primary Drinking Water Regulations. As such, the past eight measured values of these parameters are tested using the Mann-Kendall/Sen's Slope test to determine the presence of recent changes in groundwater quality.

A review of the data for well-parameter pairs in assessment monitoring identified two well-parameter pairs, arsenic at MW-1 and chloride at MW-4R2, that had reported concentrations below the intrawell prediction limits for two or more consecutive sampling events during 2021. In view of this, chloride at MW-4R2 was removed from assessment monitoring (as well as Table 5.1) and was evaluated with an intrawell prediction limit test during the fourth quarter 2021 monitoring period. Arsenic at MW-1 remains in assessment monitoring due to concentrations above the proposed GWPS, as discussed in Section 5.2.5, but as stated in Section 4.0, the proposed GWPS for arsenic may not be appropriate for use at this site. It is expected that this issue will be addressed in the forthcoming nature and extent investigation work plan.

Table 5.1 Well-parameter pairs in assessment monitoring due to confirmed SSIs.

Parameter	Well ID
Arsenic	MW-1
	MW-4R2
	MW-5R
Barium	MW-1
	MW-5R
Chloride	MW-3
	MW-5R
	MW-6
Iron	MW-1
Manganese	MW-1
Nickel	MW-3
	MW-4R2
Sulfate	MW-2
	MW-3
TDS	MW-1
	MW-3

5.1.3 Site-Wide False Positive Rate and Power

The Unified Guidance (EPA 2009) recommends that detection monitoring programs have adequate statistical power and a site-wide false positive rate (SWFPR, or alpha) value of 10% over a one-year period of testing. At this time, quarterly data collected at the phase 1 wells as part of the assessment monitoring program are evaluated using the detection monitoring approach described in Section 5.1.1 as long as the well-parameter pairs have not been identified as confirmed SSIs/SSDs or exceeded a GWPS. As such, the SWFPR for the phase 1 monitoring system is fixed at 2.5% for each quarterly evaluation. The SWFPR for the phase 2 monitoring system is fixed at 5.0% for each semiannual evaluation. The magnitude of the per-test alpha will vary depending on the number and frequency of statistically evaluated well-parameter pairs. Input criteria to determine the per-test alpha for intrawell prediction limit analyses for the 2021 quarterly and semiannual evaluations of phase 1 and phase 2 data are shown in Tables 5.2 and 5.3, respectively.

Table 5.2 Test α and power curve criteria for quarterly monitoring during 2021.

Criteria for Test α and Power Curve Generation for 2021 Quarterly Monitoring^(a)	
Statistical Test	intrawell prediction limit
Number of Downgradient Monitoring Wells	Five (MW-1, MW-3, MW-4R2, MW-5R, and MW-6)
Background Sample Size (n)	20 (based on minimum background for sulfate at MW-4R2) ^(a)
Number of Constituents	Ten parameters are expected: arsenic, barium, chloride, iron, manganese, nickel, sulfate, TDS, TOC, and pH
Re-Sample Strategy	1 of 2 ^(b)
Per-Evaluation SWFPR	0.025

Notes:

- a. Updated prior to the first quarter 2021.
- b. The “1 of 2” re-sample strategy includes one verification sampling event within the same monitoring period. However, the quarterly assessment monitoring sampling frequency is too high to obtain an additional statistically independent sample within the same monitoring period. As such, re-testing is not performed, but a specified resampling plan must be included in the test α calculation using Unified Guidance standards in Sanitas.

Table 5.3 Test α and power curve criteria for semiannual monitoring during 2021.

Criteria for Test α and Power Curve Generation for 2021 Semiannual Monitoring^(a)	
Statistical Test	intrawell prediction limit
Number of Downgradient Monitoring Wells	Seven (MW-11, MW-12, MW-13, MW-14, MW-15R, MW-16, and MW-24)
Background Sample Size (n)	8 (based on minimum background at MW-16) ^(a)
Number of Constituents	Ten parameters are expected: arsenic, barium, chloride, iron, manganese, nickel, sulfate, TDS, TOC, and pH
Re-Sample Strategy	1 of 2 ^(b)
Per-Evaluation SWFPR	0.05

Notes:

- a. Updated prior to the second quarter 2021 following DEQ-approval of cell 16.
- b. The “1 of 2” re-sample strategy includes one verification sampling event within the same monitoring period.

Statistical power is inversely related to the SWFPR and is an estimate of the rate at which false negative results will occur. To gauge statistical power, EPA guidance recommends the use of the EPA Reference Power Curve (ERPC) to estimate the ability of any individual test to identify a statistically significant deviation from background. Any single statistical test should have the ability to detect an exceedance 55% to 60% of the time at three standard deviations (3σ) above background, and 80% to 85% of the time at 4σ above background. Input criteria used to construct the power curves for the 2021 phase 1 and phase 2 monitoring programs are included in Tables 5.2 and 5.3, respectively. The power curves for each program are discussed below.

Figure 5.1 depicts the power curve for quarterly monitoring of the phase 1 wells plotted against the ERPC. This curve indicates that any single test will detect exceedances approximately 90% of the time at concentrations that are 3σ above background levels and approximately 100% of the time at 4σ above background. This curve indicates that the statistical power of the phase 1 monitoring program exceeds EPA recommendations.

Figure 5.2 depicts the power curve for semiannual monitoring of the phase 2 wells. This curve indicates that any single test will detect exceedances approximately 45% of the time at concentrations 3σ above background and approximately 77% of the time at 4σ , just below the EPA-recommended ranges. It is anticipated that the semiannual program's statistical power will improve as more data are available for use as background. At this time, some of the newer wells only contain the minimum recommended number of background values ($n=8$) for prediction limit tests, which lowers the estimated statistical power of the program.

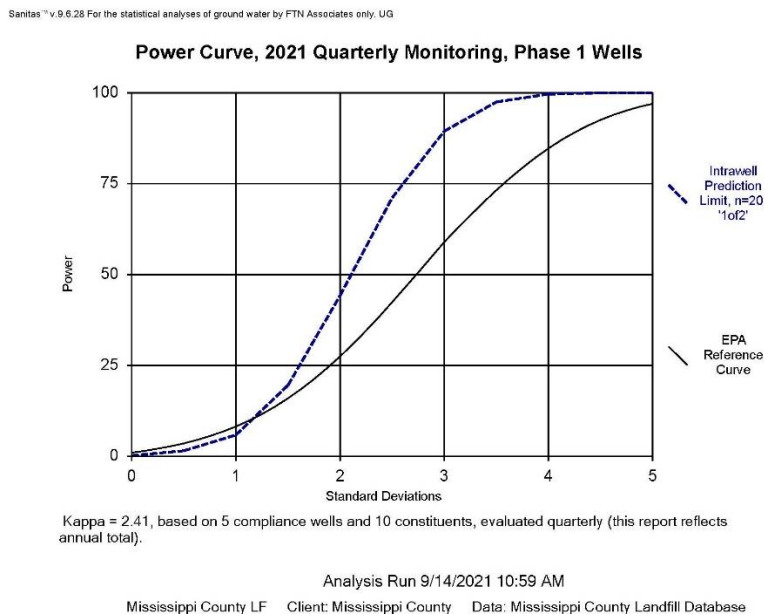


Figure 5.1 Power curve for quarterly statistical evaluations, 2021.

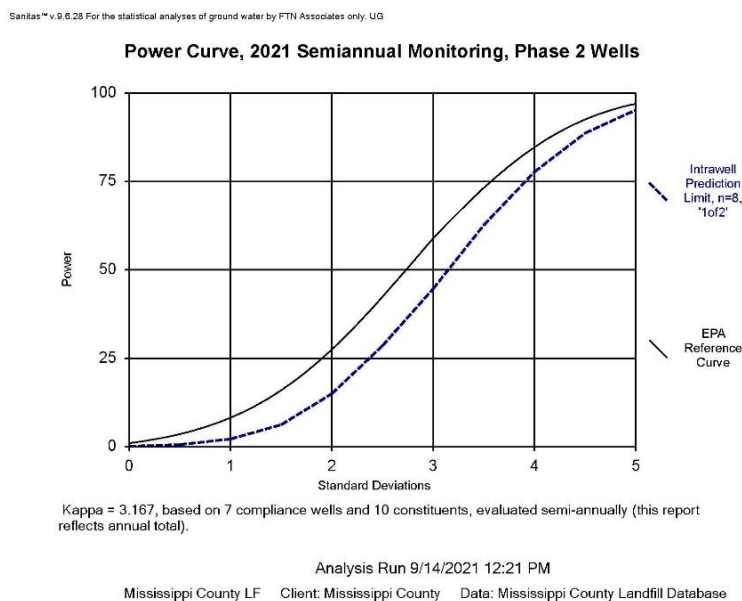


Figure 5.2 Power curve for semiannual statistical evaluations, 2021.

5.2 Statistical Results

Statistical evaluations were performed on the fourth quarter 2021 data set using the *Sanitas* software program. No statistical evaluations were conducted for parameters detected below the RDL per §22.1203(h)(5). Results detected below the RDL are flagged with a “J” in Appendix C.

5.2.1 Exploratory Data Analysis

Exploratory data analysis includes viewing data graphically to identify apparent trends or excursions from normal ranges. To accomplish this, period-of-record data were screened using time-series plots and box-and-whiskers diagrams. Time-series plots are used to visualize changes in data over time. Box-and-whiskers diagrams provide a graphic depiction of the mean, median, minimum, maximum, and interquartile range of a data set to assist with visualizing the variation in groundwater quality within and across wells. Results from these analyses are included in Appendix E.

5.2.2 Outlier Screening

Data were screened for outliers using Dixon’s, Rosner’s, or Tukey’s outlier tests. The tests indicated one statistical outlier in the fourth quarter 2021 data set: chromium at MW-13 was statistically high compared to its period-of-record data set.

5.2.3 Detection Monitoring, Prediction Limit Results

Intrawell prediction limits were used to determine if the fourth quarter 2021 data from the phase 1 and phase 2 wells were representative of background for all detected data except for those identified in Table D.1 in Appendix D and the well-parameter pairs listed in Table 5.1 (Section 5.1.2). Results are included in Appendix F. As shown in Table 5.4, the analysis identified a confirmed SSI for barium at MW-24 and potential exceedances for barium at MW-16, chloride at MW-23; and for chromium at MW-11, MW-12 and MW-16. Verification sampling will be performed during the first quarter 2022 to confirm or disconfirm the potential exceedances at the phase 2 wells. All analyzed phase 1 well-parameter pairs were within their respective prediction limits.

Table 5.4 Summary of confirmed SSIs and potential statistical exceedances, fourth quarter 2021 prediction limit analysis.

Parameter	Well ID	Prediction Limit (mg/L)	Fourth Quarter 2021 Observation (mg/L)	SSI Confirmed?
Barium	MW-16	0.3853	0.386 ^(a)	No ^(c)
Barium	MW-24	0.3494	0.378 ^(a)	Yes ^(b)
Chloride	MW-23	5.292	5.32	No ^(c)
Chromium	MW-11	0.00144	0.00748	No ^(c)
Chromium	MW-12	0.00118	0.00498	No ^(c)
Chromium	MW-16	0.00154	0.00441	No ^(c)

Notes:

- Results were obtained from a re-run of the sample for verification purposes.
- SSI was previously confirmed; no verification sampling will be performed.
- Verification sampling will be performed during the first quarter 2022 to confirm or disconfirm the potential exceedance.

5.2.4 Trend Test Results, Semiannual Detection Monitoring

The Mann-Kendall trend analysis test for temporal trends and Sen's estimate of slope are applied to detected well-parameter pairs where significant trends in background data have been identified (Table D.1 in Appendix D). Period-of-record data for each well-parameter pair were analyzed and test plots are included in Appendix F. No statistically significant increasing trends were indicated at the 98% confidence level.

5.2.5 Confidence Interval Results, Assessment Monitoring

As agreed to in correspondence with DEQ, arsenic data at MW-1, MW-4R2, and MW-5R; barium data at MW-1 and MW-5R; and nickel data from MW-3 and MW-4R2 were evaluated against their respective proposed GWPSs (DINs 78149, 78150, DIN 80258). Results are included in Appendix F and show that arsenic concentrations for MW-1, MW-4R2, and MW-5R are at SSLs above the proposed GWPS. All other analyzed well-parameter pairs were statistically well within their respective proposed GWPS.

In accordance with §22.1205(g)(1), the landfill will submit a work plan to investigate the nature and extent of arsenic in groundwater in the vicinity of MW-1, MW-4R2, and MW-5R. However, as stated in Section 4.0, the proposed GWPS for arsenic may not be appropriate for use at this site. It is expected that the work plan will address this issue.

5.2.6 Trend Test Results, Assessment Monitoring

The well-parameter pairs listed in Table 5.1 for chloride, iron, manganese, sulfate and TDS do not have enforceable limits established by the federal National Primary Drinking Water Regulations or proposed GWPSs because they are ubiquitous to the environment. As such, these well-parameter pairs were tested using the Mann-Kendall/Sen's Slope test to determine the presence of recent changes in groundwater quality. To do this, the most recent eight values for each well-parameter pair were evaluated. Graphical plots of the trend tests are included in Appendix F and results showed no statistically significant increasing trends at the 98% confidence level. However, the trend test on chloride data at MW-6 shows a statistically significant decreasing trend. The measured value of chloride at MW-6 during the fourth quarter 2021 was 26 mg/L, just above the intrawell prediction limit of 25.81 mg/L. Should chloride levels continue to decrease and fall below the intrawell prediction limit for two or more consecutive events, the well-parameter pair will be removed from assessment monitoring and evaluated per the requirements of detection monitoring.

5.2.7 Notification of Statistically Significant Results

Per the requirements of §22.1204(c)(1) and §22.1205(g)(1), a notice will be placed in the operating record listing the confirmed SSI and SSLs identified during the fourth quarter of 2021. The DEQ director will be notified that the notices were placed. As requested by DEQ, the notice of SSIs will also note the well-parameter pairs in assessment monitoring which have concentrations above their respective prediction limits (verbal communication from DEQ to FTN on May 17, 2021 and DIN 80258).

As allowed by §22.1204(c)(3), an ASD for the confirmed SSI will be submitted to DEQ within 90 days of the submittal of this report.

6.0 CONCLUSIONS

The following conclusions are based on a review of data for the landfill from the current monitoring period:

1. Based on the December 2021 water level measurements, the direction of groundwater flow was toward the west across the phase 1 area and to the west-southwest across the phase 2 area.
2. Arsenic was measured above the MCL at background and compliance wells. According to published reports, elevated arsenic in groundwater is ubiquitous to the regional aquifer and commonly exceeds the MCL.
3. Arsenic was measured above the proposed GWPS for arsenic at MW-1, MW-4R2, MW-5R, MW-11, MW-14 and MW-24. However, a review of the historical data at the phase 2 wells suggests the proposed GWPS for arsenic may not be appropriate for use at this site (DIN 80850). It is expected that this issue will be addressed in a forthcoming nature and extent investigation work plan.
4. Statistical evaluation of the fourth quarter 2021 groundwater data set using intrawell prediction limits identified one confirmed SSI for barium at MW-24 and potential exceedances for barium at MW-16, chloride at MW-23, and chromium at MW-11, MW-12 and MW-16. Well parameter pairs with potential exceedances will be resampled during the first quarter 2022 monitoring period to confirm or disconfirm the potential exceedances in accordance with the landfill's retesting plan.
5. The Mann-Kendall/Sen's Slope test for trends did not identify any statistically significant increasing trends in the detection monitoring data evaluated.
6. A review of the data for well-parameter pairs in assessment monitoring identified two well-parameter pairs, arsenic at MW-1 and chloride at MW-4R2, that had reported concentrations below the intrawell prediction limits for two or more consecutive sampling events during 2021. In view of this, chloride at MW-4R2 was removed from assessment monitoring and was evaluated with a prediction limit test during the fourth quarter 2021 monitoring period. Arsenic at MW-1 remains in assessment monitoring due to concentrations above the proposed GWPS, but the proposed GWPS for arsenic may not be appropriate for use at this site. It is expected that this issue will be addressed in the forthcoming nature and extent investigation work plan.
7. Consistent with prior monitoring events, statistical evaluation using confidence intervals did not identify any SSLs above the proposed GWPSs with the exception of arsenic at MW-1, MW-4R2, and MW-5R. As discussed in this and prior reports, the proposed GWPS for arsenic may not be appropriate for use at this site

(DIN 80850). A work plan will be submitted in accordance with §22.1205(g) to address this issue and investigate elevated arsenic in the vicinity of these wells, if warranted.

8. The Mann-Kendall/Sen's Slope test was applied to phase 1 well-parameter pairs that are in assessment monitoring but which are general water quality parameters that do not have enforceable limits established by the federal National Primary Drinking Water Regulations. Results did not show any statistically significant increasing trends in the data evaluated.
9. Per the requirements of §22.1204(c)(1), a notice will be placed in the operating record identifying the confirmed SSI for barium at MW-24 and the DEQ director will be notified that the notice was placed.
10. As allowed by §22.1204(c)(3), an ASD will be submitted to DEQ within 90 days of the submittal of this report for the confirmed SSI identified during this monitoring period.
11. Per the requirements of §22.1205(g), a notice will be placed in the landfill's operating record identifying the confirmed SSLs above the GWPS for arsenic at MW-1, MW-4R2, and MW-5R, and the DEQ director will be notified that the notice was placed.
12. The findings from the fourth quarter of 2021 are generally consistent with historical results.

7.0 SELECTED REFERENCES

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Northstar Engineering Consultants, Inc. 1997 (December). *Groundwater Alternative Source Demonstration for Mississippi County Class 1 Sanitary Landfill* [DEQ DIN 6241].

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APPENDIX A

Field Sampling Forms



Groundwater Level Data Sheet

Project Name: Mississippi County 2021 Groundwater Services	Project Number: R04355-2494-001	Investigator: MCL	Page 1 of 2
Weather Conditions: cloudy cold 42° N/20	Measuring Device: Solinst 101		

Well ID	Date	Time	Depth to Water (feet below RP)	Damages/Repairs		
MW-2	12/6/21	1452	17.25	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☒ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record
MW-4R2		1456	23.30	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☒ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record
MW-5R		1500	19.75	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☐ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record
MW-6		1506	22.01	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☐ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record
MW-3		1512	20.67	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☒ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record
MW-1		1518	18.23	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☐ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record
MW-22		1330	19.23	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☒ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record
MW-23		1336	19.19	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☒ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record
MW-17	N/A	N/A	Damaged	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☐ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record
MW-21		1343	19.65	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☒ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record
MW-19		1347	18.34	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☒ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record
FTN-B15		1352	18.25	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☒ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record
MW-20	N/A	N/A	Damaged	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☒ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record
MW-18		1402	18.74	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☒ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record
MW-16		1408	17.24	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☒ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record

Notes:
 RP = Reference Point
 TOC = Top of Casing



Groundwater Level Data Sheet

Project Name: Mississippi County 2021 Groundwater Services	Project Number: R04355-2494-001	Investigator: <i>MCC</i>	Page 2 of 2
Weather Conditions: <i>cloudy 42° N 20</i>	Measuring Device: <i>Solinst 101</i>		

Well ID	Date	Time	Depth to Water (feet below RP)	Damages/Repairs		
FTN-B11	12/6/21	1357	17.53	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☒ Un-kept vegetation	☐ Lacks visibility ☒ Lacks access ☐ See GW sample record
MW-10		1420	16.44	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☒ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record
MW-11		1425	15.53	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☒ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record
MW-12		1430	16.10	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☒ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record
MW-24		1445	18.16	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☒ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record
MW-13		1434	15.56	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☐ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record
MW-14		1440	17.19	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☒ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record
MW-15R		1414	19.70	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☒ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record
OB-1	↓	1324	15.71	☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☐ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record
				☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☐ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record
				☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☐ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record
				☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☐ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record
				☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☐ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record
				☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☐ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record
				☐ Damaged well pad/casing ☐ Damaged bollards ☐ Damaged equipment	☐ Damaged TOC ☐ Damaged lock ☐ Un-kept vegetation	☐ Lacks visibility ☐ Lacks access ☐ See GW sample record

Notes:
 RP = Reference Point
 TOC = Top of Casing

Groundwater Sampling Record

Facility: Mississippi County Landfill	Site ID: MW1	Sampler: MLC
Project Number: R04355-2494-001	Date: 12/10/21	Sampler Organization: FTN Associates, Ltd.

Site Description

Weather: Cloudy		Air Temp (°F): 66		Wind: SE 14											
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:		Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Well diameter</td> <td>inches</td> <td>2</td> <td rowspan="3">Well locked? ☒ Yes ☐ No</td> </tr> <tr> <td>Total depth from TOC</td> <td>feet</td> <td></td> </tr> <tr> <td>TOC below/above ground</td> <td>feet</td> <td></td> </tr> </table>		Well diameter	inches	2	Well locked? ☒ Yes ☐ No	Total depth from TOC	feet		TOC below/above ground	feet	
Well diameter	inches	2	Well locked? ☒ Yes ☐ No												
Total depth from TOC	feet														
TOC below/above ground	feet														
Damages/repairs needed:															

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:		Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper -T ☒ Solinst 101 ☐ Other:							
		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks		
Date	mm/dd/yy	12/6/21	12/10/21	→					
Time	24-hour	1518	950				1023	1051	1116
Depth to Water	feet	18.23	17.90				17.90	17.90	17.90
Product/ Thickness	LNAPL/DNAPL feet								

Field Data

Field data meters: ☐ YSI ProPlus ☒ Hach 2100P Turbidimeter ☒ YSI MPS 556 ☐ HF Scientific Turbidimeter ☐ Other: ☐ Other:		Pump description: ☒ Peristaltic ☐ Bladder (dedicated/portable) ☐ Submersible		Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC										
Purge depth	feet	Well goes dry during purging: Yes No												
Casing vol.	gallons	= [total depth (feet) - depth to water (feet)] × [internal diameter of well (inches)] ² × 0.0408												
Time	24-hour	955	1000	1005	1010	1015	1020	1025	1030	1035	1040	1045	1050	Remarks
Purge vol.	gallons													
Purge rate	mL/min	270	270	270	270	270	270	270	270	270	270	270	270	
pH	su	6.86	6.65	6.58	6.59	6.62	6.58	6.58	6.60	6.60	6.65	6.67	6.69	
Temp.	°C	19.57	19.44	19.11	19.13	19.05	19.02	19.02	18.88	18.93	19.06	19.09	19.17	
Sp. Cond.	µS/cm	703	694	698	697	710	747	824	891	899	906	910	915	
D.O.	mg/L	0.76	0.34	0.19	0.17	0.17	0.16	0.16	0.15	0.15	0.15	0.15	0.15	
ORP	mV	141.0	103.2	70.6	58.6	50.2	44.1	32.9	16.4	9.2	-4.5	-10.1	-16.5	
Turbidity	NTU	15.2	10.8	11.2	9.47	6.11	4.30	3.04	2.48	2.58	2.35	2.22	2.08	
Color/tint		11.0												
Odor		None												

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW1	12/10/21	1055	9	0	
ED-1	12/10/21	1125	7		

Sampler's Name (print): Michael Clayton	Sampler Signature:

Groundwater Sampling Record

Facility: Mississippi County Landfill	Site ID: MW2	Sampler: MCL
Project Number: R04355-2494-001	Date: 12/9/21	Sampler Organization: FTN Associates, Ltd.

Site Description

Weather: Cloudy	Air Temp (°F): 54	Wind: S @ 14			
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter inches 2	Total depth from TOC feet	TOC below/above ground feet	Well locked? Yes ☒ No ☐
Damages/repairs needed:					

Water Level Data

Measuring point description: ☐ Mark/notch on TOC ☒ North rim of TOC ☐ Other:		Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper -T ☒ Solinst 101 ☐ Other:				
		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling
Date	mm/dd/yy	12/6/21	12/9/21	→		
Time	24-hour	1452	1105	1127	1146	1204
Depth to Water	feet	17.25	16.95	16.95	16.95	16.95
Product/ Thickness	LNAPL/DNAPL feet					

Field Data

Field data meters: ☐ YSI ProPlus ☒ Hach 2100P Turbidimeter ☒ YSI MPS 556 ☐ HF Scientific Turbidimeter ☐ Other: ☐ Other:		Pump description: ☒ Peristaltic ☐ Bladder (dedicated/portable) ☐ Submersible		Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC									
Purge depth	feet	Well goes dry during purging: Yes ☐ No ☒											
Casing vol.	gallons	= [total depth (feet) - depth to water (feet)] × [internal diameter of well (inches)] ² × 0.0408											
Time	24-hour	1110	1115	1120	1125	1130	1135	1140	1145				Remarks
Purge vol.	gallons												
Purge rate	mL/min	180	180	180	180	180	180	180	180				
pH	su	6.79	6.81	6.82	6.84	6.86	6.86	6.87	6.89				
Temp.	°C	17.04	17.02	17.08	17.10	17.12	17.10	17.21	17.36				
Sp. Cond.	µS/cm	778	785	784	774	767	760	750	744				
D.O.	mg/L	0.52	0.35	0.23	0.20	0.19	0.18	0.17	0.16				
ORP	mV	103.7	98.1	93.7	90.8	87.6	84.5	80.6	75.5				
Turbidity	NTU	12.0	12.7	11.0	8.98	7.82	5.80	5.66	4.32				
Color/tint		Clear											
Odor		Metal											

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW2	12/9/21	1150	9	0	

Sampler's Name (print): Michael Clayton	Sampler Signature: <i>Michael Clayton</i>

Groundwater Sampling Record

Facility: Mississippi County Landfill	Site ID: MW3	Sampler: MCL
Project Number: R04355-2494-001	Date: 12/10/21	Sampler Organization: FTN Associates, Ltd.

Site Description

Weather: Cloudy	Air Temp (°F): 66	Wind: S 11										
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	<table style="width: 100%;"> <tr> <td style="width: 33%;">Well diameter</td> <td style="width: 10%;">inches</td> <td style="width: 10%;">2</td> <td rowspan="3" style="width: 10%;">Well locked? ☒ Yes ☐ No</td> </tr> <tr> <td>Total depth from TOC</td> <td>feet</td> <td></td> </tr> <tr> <td>TOC below/above ground</td> <td>feet</td> <td></td> </tr> </table>	Well diameter	inches	2	Well locked? ☒ Yes ☐ No	Total depth from TOC	feet		TOC below/above ground	feet	
Well diameter	inches	2	Well locked? ☒ Yes ☐ No									
Total depth from TOC	feet											
TOC below/above ground	feet											
Damages/repairs needed:												

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:		Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper -T ☒ Solinst 101 ☐ Other:					
		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	12/6/21	12/10/21				
Time	24-hour	1512	840	903	917	929	
Depth to Water	feet	20.67	20.37	20.37	20.37	20.37	
Product/ Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ Hach 2100P Turbidimeter ☒ YSI MPS 556 ☐ HF Scientific Turbidimeter ☐ Other: ☐ Other:		Pump description: ☒ Peristaltic ☐ Bladder (dedicated/portable) ☐ Submersible		Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC				
Purge depth	feet	Well goes dry during purging: Yes ☒ No						
Casing vol.	gallons	= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)] ² × 0.0408						
Time	24-hour	850	855	900	905	910	915	Remarks
Purge vol.	gallons							
Purge rate	mL/min	180	180	180	180	180	180	
pH	su	6.67	6.49	6.57	6.60	6.62	6.62	
Temp.	°C	20.45	20.84	20.84	20.87	20.91	20.96	
Sp. Cond.	µS/cm	1050	1055	1031	1015	1002	990	
D.O.	mg/L	2.52	0.38	0.33	0.31	0.31	0.34	
ORP	mV	102.6	36.4	3.9	-9.7	-16.7	-14.8	
Turbidity	NTU	24.9	22.7	9.36	9.81	8.95	7.16	
Color/tint		Clear						
Odor		None						

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW3	12/10/21	920	9	0	

Sampler's Name (print): Michael Clayton	Sampler Signature:

Groundwater Sampling Record

Facility: Mississippi County Landfill	Site ID: <u>ML 4R2</u>	Sampler: <u>MCL</u>
Project Number: R04355-2494-001	Date: <u>12/9/21</u>	Sampler Organization: FTN Associates, Ltd.

Site Description

Weather: <u>cloudy</u>		Air Temp (°F): <u>56</u>		Wind: <u>SSW @ 15</u>	
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:		Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:		Well diameter: inches <u>2</u> Total depth from TOC: feet TOC below/above ground: feet Well locked? <u>Yes</u> No	
Damages/repairs needed:					

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:		Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper -T ☒ Solinst 101 ☐ Other:					
		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	<u>12/6/21</u>	<u>12/9/21</u>				
Time	24-hour	<u>1456</u>	<u>1210</u>	<u>1223</u>	<u>1326</u>	<u>1352</u>	
Depth to Water	feet	<u>23.30</u>	<u>23.03</u>	<u>23.03</u>	<u>23.03</u>	<u>23.03</u>	
Product/ Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ YSI MPS 556 ☐ Other:		☒ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:		Pump description: ☒ Peristaltic ☐ Bladder (dedicated/portable) ☐ Submersible		Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC									
Purge depth	feet	Well goes dry during purging: Yes No													
Casing vol.	gallons	= [total depth (feet) - depth to water (feet)] × [internal diameter of well (inches)] ² × 0.0408													
Time	24-hour	<u>1220</u>	<u>1225</u>	<u>1230</u>	<u>1235</u>	<u>1240</u>	<u>1245</u>	<u>1250</u>	<u>1255</u>	<u>1300</u>	<u>1305</u>	<u>1310</u>	<u>1315</u>	Remarks	<u>1325</u>
Purge vol.	gallons						<u>200</u>								<u>225</u>
Purge rate	mL/min	<u>190</u>	<u>240</u>	<u>240</u>	<u>240</u>	<u>240</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>260</u>	<u>260</u>	<u>260</u>	<u>260</u>	<u>260</u>
pH	su	<u>6.85</u>	<u>6.88</u>	<u>6.87</u>	<u>6.87</u>	<u>6.87</u>	<u>6.86</u>	<u>6.85</u>	<u>6.90</u>	<u>6.85</u>	<u>6.83</u>	<u>6.82</u>	<u>6.81</u>	<u>6.82</u>	<u>6.82</u>
Temp.	°C	<u>18.92</u>	<u>19.01</u>	<u>19.03</u>	<u>19.14</u>	<u>19.12</u>	<u>19.20</u>	<u>19.28</u>	<u>19.37</u>	<u>19.32</u>	<u>19.22</u>	<u>19.17</u>	<u>19.12</u>	<u>19.08</u>	<u>19.06</u>
Sp. Cond.	µS/cm	<u>441</u>	<u>432</u>	<u>429</u>	<u>420</u>	<u>419</u>	<u>417</u>	<u>416</u>	<u>417</u>	<u>417</u>	<u>417</u>	<u>415</u>	<u>416</u>	<u>416</u>	<u>415</u>
D.O.	mg/L	<u>0.59</u>	<u>0.26</u>	<u>0.21</u>	<u>0.15</u>	<u>0.14</u>	<u>0.13</u>	<u>0.13</u>	<u>0.15</u>	<u>0.15</u>	<u>0.14</u>	<u>0.40</u>	<u>0.12</u>	<u>0.12</u>	<u>0.12</u>
ORP	mV	<u>108.9</u>	<u>47.8</u>	<u>37.1</u>	<u>18.2</u>	<u>15.3</u>	<u>10.3</u>	<u>8.6</u>	<u>6.0</u>	<u>2.8</u>	<u>2.4</u>	<u>-0.4</u>	<u>-3.4</u>	<u>-4.2</u>	<u>-4.9</u>
Turbidity	NTU	<u>97.8</u>	<u>82.6</u>	<u>72.9</u>	<u>41.4</u>	<u>32.7</u>	<u>24.1</u>	<u>21.8</u>	<u>22.0</u>	<u>23.6</u>	<u>18.6</u>	<u>14.3</u>	<u>13.9</u>	<u>11.3</u>	<u>9.69</u>
Color/tint		<u>cloudy</u>						<u>Clear</u>							
Odor		<u>None</u>													

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
<u>ML 4R2</u>	<u>12/9/21</u>	<u>1330</u>	<u>9</u>	<u>0</u>	
<u>ML 4R2 Dup</u>	<u>12/9/21</u>	<u>1335</u>	<u>7</u>	<u>0</u>	

Sampler's Name (print): <u>Melinda Clayton</u>	Sampler Signature: <u>Melinda Clayton</u>

Groundwater Sampling Record

Facility: Mississippi County Landfill	Site ID: MW 5R	Sampler: MCL
Project Number: R04355-2494-001	Date: 12/9/21	Sampler Organization: FTN Associates, Ltd.

Site Description

Weather: cloudy		Air Temp (°F): 58		Wind: SW @ 17			
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:		Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:		Well diameter	inches	2	Well locked? ☒ Yes ☐ No
				Total depth from TOC	feet		
				TOC below/above ground	feet		
Damages/repairs needed:							

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:		Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper -T ☒ Solinst 101 ☐ Other:					
		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	12/6/21	12/9/21				
Time	24-hour	1500	1400	1423	1442	1503	
Depth to Water	feet	19.75	19.44	19.44	19.44	19.44	
Product/ Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ Hach 2100P Turbidimeter ☒ YSI MPS 556 ☐ HF Scientific Turbidimeter ☐ Other: ☐ Other:		Pump description: ☒ Peristaltic ☐ Bladder (dedicated/portable) ☐ Submersible		Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC						
Purge depth	feet	Well goes dry during purging: Yes ☒ No								
Casing vol.	gallons	= [total depth (feet) - depth to water (feet)] × [internal diameter of well (inches)] ² × 0.0408								
Time	24-hour	1410	1415	1420	1425	1430	1435	1440		Remarks
Purge vol.	gallons									
Purge rate	mL/min	200	200	200	200	200	200	200		
pH	su	6.73	6.70	6.79	6.86	6.87	6.87	6.88		
Temp.	°C	18.81	18.76	18.76	18.77	18.77	18.77	18.74		
Sp. Cond.	µS/cm	472	475	478	479	480	479	480		
D.O.	mg/L	0.45	0.26	0.16	0.14	0.13	0.13	0.12		
ORP	mV	112.9	102.1	41.9	-4.5	-24.2	-28.7	-26.9		
Turbidity	NTU	14.7	21.8	9.39	4.54	3.56	2.82	2.66		
Color/tint		clear								
Odor		None								

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW 5R	12/9/21	1445	9	0	

Sampler's Name (print): Michael Clayton	Sampler Signature: <i>Michael Clayton</i>

Groundwater Sampling Record

Facility: Mississippi County Landfill	Site ID: MW6	Sampler: MCL
Project Number: R04355-2494-001	Date: 12/9/21	Sampler Organization: FTN Associates, Ltd.

Site Description

Weather: Cloudy	Air Temp (°F): 59	Wind: S @ 14										
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	<table style="width: 100%;"> <tr> <td style="width: 33%;">Well diameter</td> <td style="width: 10%;">inches</td> <td style="width: 10%;">2</td> <td rowspan="3" style="width: 10%; text-align: center; vertical-align: middle;">Well locked? ☒ Yes ☐ No</td> </tr> <tr> <td>Total depth from TOC</td> <td>feet</td> <td></td> </tr> <tr> <td>TOC below/above ground</td> <td>feet</td> <td></td> </tr> </table>	Well diameter	inches	2	Well locked? ☒ Yes ☐ No	Total depth from TOC	feet		TOC below/above ground	feet	
Well diameter	inches	2	Well locked? ☒ Yes ☐ No									
Total depth from TOC	feet											
TOC below/above ground	feet											
Damages/repairs needed:												

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:		Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper -T ☒ Solinst 101 ☐ Other:					
		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	12/6/21	12/9/21				
Time	24-hour	1506	1510	1537	1609	1628	
Depth to Water	feet	21.01	21.70	21.70	21.70	21.70	
Product/ Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ Hach 2100P Turbidimeter ☒ YSI MPS 556 ☐ HF Scientific Turbidimeter ☐ Other: ☐ Other:		Pump description: ☒ Peristaltic ☐ Bladder (dedicated/portable) ☐ Submersible		Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC									
Purge depth	feet	Well goes dry during purging: Yes ☒ No											
Casing vol.	gallons	= [total depth (feet) - depth to water (feet)] × [internal diameter of well (inches)] ² × 0.0408											
Time	24-hour	1515	1520	1525	1530	1535	1540	1545	1550	1555	1600	1605	Remarks
Purge vol.	gallons												
Purge rate	mL/min	190	190	190	190	190	190	190	190	190	190	190	
pH	su	6.94	6.94	6.90	6.88	6.86	6.86	6.85	6.85	6.85	6.85	6.84	
Temp.	°C	19.90	19.89	19.87	19.88	19.89	19.87	19.87	19.87	19.88	19.87	19.87	
Sp. Cond.	µS/cm	650	643	709	718	724	732	732	734	739	739	738	
D.O.	mg/L	0.36	0.27	0.18	0.16	0.15	0.14	0.14	0.13	0.13	0.14	0.14	
ORP	mV	138.7	112.5	54.3	36.3	23.2	7.7	1.4	-1.9	-10.1	-15.6	-16.1	
Turbidity	NTU	82.7	53.2	22.4	15.1	10.9	8.45	8.79	8.59	7.36	7.04	7.94	
Color/tint		Cloudy/Orange Particulate Cloud											
Odor		None											

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW6	12/9/21	1610	9	0	

Sampler's Name (print): Michael Clayton	Sampler Signature: <i>[Signature]</i>

Groundwater Sampling Record

Facility: Mississippi County Landfill	Site ID: <i>MW10</i>	Sampler: <i>MCL</i>
Project Number: R04355-2494-001	Date: <i>12/8/21</i>	Sampler Organization: FTN Associates, Ltd.

Site Description

Weather: <i>PL</i>		Air Temp (°F): <i>43</i>		Wind: <i>NNW 21</i>											
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:		Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Well diameter</td> <td>inches</td> <td><i>2</i></td> <td rowspan="3">Well locked? <i>Yes</i></td> </tr> <tr> <td>Total depth from TOC</td> <td>feet</td> <td></td> </tr> <tr> <td>TOC below/above ground</td> <td>feet</td> <td></td> </tr> </table>		Well diameter	inches	<i>2</i>	Well locked? <i>Yes</i>	Total depth from TOC	feet		TOC below/above ground	feet	
Well diameter	inches	<i>2</i>	Well locked? <i>Yes</i>												
Total depth from TOC	feet														
TOC below/above ground	feet														
Damages/repairs needed:															

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:		Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper -T ☒ Solinst 101 ☐ Other:					
		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	<i>12/6/21</i>	<i>12/8/21</i>				
Time	24-hour	<i>1420</i>	<i>920</i>	<i>953</i>	<i>1017</i>	<i>1031</i>	
Depth to Water	feet	<i>16.44</i>	<i>16.33</i>	<i>16.32</i>	<i>16.33</i>	<i>16.33</i>	
Product/ Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ Hach 2100P Turbidimeter ☒ YSI MPS 556 ☐ HF Scientific Turbidimeter ☐ Other: ☐ Other:		Pump description: ☒ Peristaltic ☐ Bladder (dedicated/portable) ☐ Submersible		Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC								
Purge depth	feet	Well goes dry during purging: Yes <i>No</i>										
Casing vol.	gallons	= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)] ² × 0.0408										
Time	24-hour	<i>930</i>	<i>935</i>	<i>940</i>	<i>945</i>	<i>950</i>	<i>955</i>	<i>1000</i>	<i>1005</i>	<i>1010</i>	<i>1015</i>	Remarks
Purge vol.	gallons											
Purge rate	mL/min	<i>200</i>	<i>200</i>	<i>200</i>	<i>200</i>	<i>200</i>	<i>200</i>	<i>200</i>	<i>180</i>	<i>180</i>		
pH	su	<i>6.75</i>	<i>6.58</i>	<i>6.57</i>	<i>6.65</i>	<i>6.70</i>	<i>6.72</i>	<i>6.71</i>	<i>6.70</i>	<i>6.72</i>	<i>6.71</i>	
Temp.	°C	<i>17.12</i>	<i>17.45</i>	<i>17.45</i>	<i>17.45</i>	<i>17.24</i>	<i>17.17</i>	<i>17.01</i>	<i>16.96</i>	<i>16.80</i>	<i>16.60</i>	
Sp. Cond.	µS/cm	<i>340</i>	<i>320</i>	<i>327</i>	<i>326</i>	<i>327</i>	<i>329</i>	<i>330</i>	<i>331</i>	<i>333</i>	<i>333</i>	
D.O.	mg/L	<i>0.57</i>	<i>0.34</i>	<i>0.31</i>	<i>0.32</i>	<i>0.37</i>	<i>0.43</i>	<i>0.42</i>	<i>0.45</i>	<i>0.39</i>	<i>0.38</i>	
ORP	mV	<i>98.3</i>	<i>93.6</i>	<i>98.6</i>	<i>95.8</i>	<i>88.8</i>	<i>88.4</i>	<i>94.9</i>	<i>90.5</i>	<i>84.1</i>	<i>79.6</i>	
Turbidity	NTU	<i>14.8</i>	<i>14.9</i>	<i>8.14</i>	<i>7.90</i>	<i>9.43</i>	<i>9.29</i>	<i>8.42</i>	<i>7.31</i>	<i>11.3</i>	<i>8.54</i>	
Color/tint		<i>Clear</i>										
Odor		<i>None</i>										

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
<i>MW10</i>	<i>12/8/21</i>	<i>1020</i>	<i>9</i>	<i>0</i>	
<i>MW10 Dup</i>	<i>12/8/21</i>	<i>1025</i>	<i>7</i>	<i>0</i>	

Sampler's Name (print): <i>Michael Clayton</i>	Sampler Signature: <i>Michael Clayton</i>

Groundwater Sampling Record

Facility: Mississippi County Landfill	Site ID: <i>MLL</i>	Sampler: <i>MLL</i>
Project Number: R04355-2494-001	Date: <i>12/18/21</i>	Sampler Organization: FTM Associates, Ltd.

Site Description

Weather: <i>pk</i>	Air Temp (°F): <i>48</i>	Wind: <i>NWC2</i>			
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches	<i>2</i>	Well locked? ☒ Yes ☐ No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:		Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper -T ☒ Solinst 101 ☐ Other:					
		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	12/6/21	12/8/21	→			
Time	24-hour	1425	1041	1103	1122	1137	
Depth to Water	feet	15.53	15.42	15.42	15.42	15.42	
Product/ Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters:		Pump description:		Bailer description:										
☐ YSI ProPlus	☒ Hach 2100P Turbidimeter	☒ Peristaltic	☐ Disposable polyethylene	☐ Disposable Teflon	☐ Disposable PVC									
☒ YSI MPS 556	☐ HF Scientific Turbidimeter	☐ Bladder (dedicated/portable)												
☐ Other:	☐ Other:	☐ Submersible												
Purge depth	feet	Well goes dry during purging: Yes ☒ No												
Casing vol.	gallons	= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)] ² × 0.0408												
Time	24-hour	1050	1055	1100	1105	1110	1115	1120						Remarks
Purge vol.	gallons													
Purge rate	mL/min	190	190	190	190	190	190	190						
pH	su	6.98	6.86	6.85	6.85	6.85	6.84	6.85						
Temp.	°C	16.43	17.31	17.12	17.22	17.09	17.03	16.95						
Sp. Cond.	µS/cm	356	362	365	368	373	375	376						
D.O.	mg/L	1.30	0.17	0.21	0.21	0.19	0.15	0.18						
ORP	mV	170.6	12.1	53.6	54.8	55.9	54.1	55.7						
Turbidity	NTU	284	16.1	9.03	7.17	5.77	5.19	4.57						
Color/tint		Clear/No Particulates						7						
Odor		None						7						

Sample Data

Sample Data					
Sample ID	Date	Time	# Containers	# Filtered	Remarks
mull	12/8/21	1125	9		

Sampler's Name (print): <i>Michael Chapin</i>	Sampler Signature: <i>[Signature]</i>

Groundwater Sampling Record

Facility: Mississippi County Landfill	Site ID: <u>MW12</u>	Sampler: <u>MLL</u>
Project Number: R04355-2494-001	Date: <u>12/8/21</u>	Sampler Organization: FTN Associates, Ltd.

Site Description

Weather: <u>C. Low</u>		Air Temp (°F): <u>49</u>		Wind: <u>N/NW @ 2</u>											
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:		Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Well diameter</td> <td>inches</td> <td><u>2</u></td> <td rowspan="3">Well locked? <u>Yes</u> No</td> </tr> <tr> <td>Total depth from TOC</td> <td>feet</td> <td></td> </tr> <tr> <td>TOC below/above ground</td> <td>feet</td> <td></td> </tr> </table>		Well diameter	inches	<u>2</u>	Well locked? <u>Yes</u> No	Total depth from TOC	feet		TOC below/above ground	feet	
Well diameter	inches	<u>2</u>	Well locked? <u>Yes</u> No												
Total depth from TOC	feet														
TOC below/above ground	feet														
Damages/repairs needed:															

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:		Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper -T ☒ Solinst 101 ☐ Other:				
		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling
Date	mm/dd/yy	<u>12/6/21</u>	<u>12/8/21</u>	→		
Time	24-hour	<u>1430</u>	<u>1150</u>	<u>1213</u>	<u>1237</u>	<u>1253</u>
Depth to Water	feet	<u>16.10</u>	<u>15.96</u>	<u>15.96</u>	<u>15.96</u>	<u>15.96</u>
Product/ Thickness	LNAPL/DNAPL feet					

Field Data

Field data meters: ☐ YSI ProPlus ☒ Hach 2100P Turbidimeter ☒ YSI MPS 556 ☐ HF Scientific Turbidimeter ☐ Other: ☐ Other:		Pump description: ☒ Peristaltic ☐ Bladder (dedicated/portable) ☐ Submersible		Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC							
Purge depth	feet	Well goes dry during purging: Yes <u>(No)</u>									
Casing vol.	gallons	= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)] ² × 0.0408									
Time	24-hour	<u>1200</u>	<u>1205</u>	<u>1210</u>	<u>1215</u>	<u>1220</u>	<u>1225</u>	<u>1230</u>	<u>1235</u>	Remarks	
Purge vol.	gallons										
Purge rate	mL/min	<u>230</u>	<u>230</u>	<u>230</u>	<u>230</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>		
pH	su	<u>6.89</u>	<u>6.51</u>	<u>6.34</u>	<u>6.31</u>	<u>6.28</u>	<u>6.38</u>	<u>6.48</u>	<u>6.47</u>		
Temp.	°C	<u>18.39</u>	<u>18.19</u>	<u>18.16</u>	<u>17.81</u>	<u>17.75</u>	<u>17.74</u>	<u>17.60</u>	<u>17.55</u>		
Sp. Cond.	µS/cm	<u>214</u>	<u>247</u>	<u>271</u>	<u>284</u>	<u>300</u>	<u>324</u>	<u>330</u>	<u>332</u>		
D.O.	mg/L	<u>1.66</u>	<u>0.59</u>	<u>0.26</u>	<u>0.20</u>	<u>0.17</u>	<u>0.16</u>	<u>0.16</u>	<u>0.15</u>		
ORP	mV	<u>109.7</u>	<u>115.4</u>	<u>119.5</u>	<u>118.8</u>	<u>103.7</u>	<u>101.0</u>	<u>91.5</u>	<u>87.5</u>		
Turbidity	NTU	<u>54.4</u>	<u>38.8</u>	<u>32.0</u>	<u>9.38</u>	<u>7.32</u>	<u>3.78</u>	<u>3.41</u>	<u>3.94</u>		
Color/tint		Clear w/ particulate →									
Odor		None →									

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
<u>MW12</u>	<u>12/8/21</u>	<u>1240</u>	<u>9</u>	<u>0</u>	

Sampler's Name (print): <u>Michael Clayton</u>	Sampler Signature: <u>[Signature]</u>

Groundwater Sampling Record

Facility: Mississippi County Landfill	Site ID: MW13	Sampler: MCL
Project Number: R04355-2494-001	Date: 12/8/21	Sampler Organization: FTN Associates, Ltd.

Site Description

Weather: Clear	Air Temp (°F): 51	Wind: NNW @ 2										
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	<table style="width: 100%;"> <tr> <td style="width: 40%;">Well diameter</td> <td style="width: 10%;">inches</td> <td style="width: 10%;">2</td> <td rowspan="3" style="width: 10%;">Well locked? ☒ Yes ☐ No</td> </tr> <tr> <td>Total depth from TOC</td> <td>feet</td> <td></td> </tr> <tr> <td>TOC below/above ground</td> <td>feet</td> <td></td> </tr> </table>	Well diameter	inches	2	Well locked? ☒ Yes ☐ No	Total depth from TOC	feet		TOC below/above ground	feet	
Well diameter	inches	2	Well locked? ☒ Yes ☐ No									
Total depth from TOC	feet											
TOC below/above ground	feet											
Damages/repairs needed:												

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:		Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper -T ☒ Solinst 101 ☐ Other:				
		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling
Date	mm/dd/yy	12/6/21	12/8/21	→		
Time	24-hour	1434	1301	1313	1412	1432
Depth to Water	feet	15.56	15.41	15.41	15.41	15.41
Product/ Thickness	LNAPL/DNAPL feet					

Field Data

Field data meters: ☐ YSI ProPlus ☒ Hach 2100P Turbidimeter ☒ YSI MPS 556 ☐ HF Scientific Turbidimeter ☐ Other: ☐ Other:		Pump description: ☒ Peristaltic ☐ Bladder (dedicated/portable) ☐ Submersible		Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC											
Purge depth	feet	Well goes dry during purging: Yes ☒ No													
Casing vol.	gallons	= [total depth (feet) - depth to water (feet)] × [internal diameter of well (inches)] ² × 0.0408													
Time	24-hour	1305	1310	1315	1320	1325	1330	1335	1340	1345	1350	1355	1400	Remarks	
Purge vol.	gallons													1405	1410
Purge rate	mL/min	280	240	280	240	210	210	210	280	280	280	280	80	80	80
pH	su	6.64	6.34	6.33	6.45	6.55	6.53	6.56	6.70	6.72	6.73	6.79	6.81	6.70	6.72
Temp.	°C	17.50	17.46	17.50	17.55	17.34	17.25	17.24	17.47	17.47	17.45	17.53	16.97	17.04	17.19
Sp. Cond.	µS/cm	382	384	388	396	402	405	407	412	414	417	419	421	420	420
D.O.	mg/L	0.54	0.26	0.19	0.14	0.14	0.14	0.16	0.11	0.10	0.10	0.09	0.12	0.16	0.19
ORP	mV	138.0	101.6	80.6	79.9	62.7	59.0	59.5	54.5	52.2	51.4	47.2	46.1	51.8	57.1
Turbidity	NTU	22.9	17.1	11.8	27.0	37.4	37.4	28.1	22.8	18.1	13.9	13.3	12.3	9.95	9.61
Color/tint		Clear													
Odor		None													

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW13	12/8/21	1415	9	0	

Sampler's Name (print): Michael Clayton	Sampler Signature: <i>Michael Clayton</i>

Groundwater Sampling Record

Facility: Mississippi County Landfill	Site ID: <i>mw14</i>	Sampler: <i>MCL</i>
Project Number: R04355-2494-001	Date: <i>12/8/21</i>	Sampler Organization: FTN Associates, Ltd.

Site Description

Weather: <i>Clear</i>		Air Temp (°F): <i>54</i>		Wind: <i>ESE @ 2</i>											
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:		Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Well diameter</td> <td>inches</td> <td><i>2</i></td> <td rowspan="3" style="text-align: center; vertical-align: middle;">Well locked? ☒ Yes ☐ No</td> </tr> <tr> <td>Total depth from TOC</td> <td>feet</td> <td></td> </tr> <tr> <td>TOC below/above ground</td> <td>feet</td> <td></td> </tr> </table>		Well diameter	inches	<i>2</i>	Well locked? ☒ Yes ☐ No	Total depth from TOC	feet		TOC below/above ground	feet	
Well diameter	inches	<i>2</i>	Well locked? ☒ Yes ☐ No												
Total depth from TOC	feet														
TOC below/above ground	feet														
Damages/repairs needed:															

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:		Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper -T ☒ Solinst 101 ☐ Other:				
		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling
Date	mm/dd/yy	<i>12/8/21</i>	<i>12/8/21</i>	<i>→</i>		
Time	24-hour	<i>1440</i>	<i>1500</i>	<i>1518</i>	<i>1537</i>	<i>1549</i>
Depth to Water	feet	<i>17.19</i>	<i>17.01</i>	<i>17.01</i>	<i>17.01</i>	<i>17.01</i>
Product/ Thickness	LNAPL/DNAPL feet					

Field Data

Field data meters: ☐ YSI ProPlus ☒ Hach 2100P Turbidimeter ☒ YSI MPS 556 ☐ HF Scientific Turbidimeter ☐ Other: ☐ Other:		Pump description: ☒ Peristaltic ☐ Disposable polyethylene ☐ Bladder (dedicated/portable) ☐ Disposable Teflon ☐ Submersible ☐ Disposable PVC						
Purge depth	feet	Well goes dry during purging: Yes No						
Casing vol.	gallons	= [total depth (feet) - depth to water (feet)] × [internal diameter of well (inches)] ² × 0.0408						
Time	24-hour	<i>1516</i>	<i>1515</i>	<i>1526</i>	<i>1525</i>	<i>1530</i>	<i>1535</i>	Remarks
Purge vol.	gallons							
Purge rate	mL/min	<i>190</i>	<i>190</i>	<i>190</i>	<i>190</i>	<i>190</i>	<i>190</i>	
pH	su	<i>7.03</i>	<i>6.86</i>	<i>6.83</i>	<i>6.84</i>	<i>6.85</i>	<i>6.85</i>	
Temp.	°C	<i>17.48</i>	<i>17.48</i>	<i>17.48</i>	<i>17.40</i>	<i>17.41</i>	<i>17.40</i>	
Sp. Cond.	µS/cm	<i>355</i>	<i>405</i>	<i>410</i>	<i>414</i>	<i>416</i>	<i>417</i>	
D.O.	mg/L	<i>1.16</i>	<i>0.38</i>	<i>0.22</i>	<i>0.17</i>	<i>0.16</i>	<i>0.16</i>	
ORP	mV	<i>164.14</i>	<i>111.6</i>	<i>94.2</i>	<i>75.4</i>	<i>69.7</i>	<i>66.1</i>	
Turbidity	NTU	<i>43.1</i>	<i>25.4</i>	<i>17.0</i>	<i>8.31</i>	<i>6.63</i>	<i>5.56</i>	
Color/tint		<i>10.64</i>	<i>Clear</i>	<i>→</i>				
Odor		<i>None</i>	<i>→</i>					

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
<i>mw14</i>	<i>12/8/21</i>	<i>1540</i>	<i>9</i>	<i>0</i>	

Sampler's Name (print): <i>Michael Clayton</i>	Sampler Signature: <i>[Signature]</i>

Groundwater Sampling Record

Facility: Mississippi County Landfill	Site ID: <i>ML15R</i>	Sampler: <i>MLL</i>
Project Number: R04355-2494-001	Date: <i>12/9/21</i>	Sampler Organization: FTN Associates, Ltd.

Site Description

Weather: <i>cloudy</i>		Air Temp (°F): <i>47</i>		Wind: <i>S 2/16</i>											
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:		Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Well diameter</td> <td>inches</td> <td><i>2</i></td> <td rowspan="3" style="text-align: center; vertical-align: middle;">Well locked? ☒ Yes ☐ No</td> </tr> <tr> <td>Total depth from TOC</td> <td>feet</td> <td></td> </tr> <tr> <td>TOC below/above ground</td> <td>feet</td> <td></td> </tr> </table>		Well diameter	inches	<i>2</i>	Well locked? ☒ Yes ☐ No	Total depth from TOC	feet		TOC below/above ground	feet	
Well diameter	inches	<i>2</i>	Well locked? ☒ Yes ☐ No												
Total depth from TOC	feet														
TOC below/above ground	feet														
Damages/repairs needed:															

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:		Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper -T ☒ Solinst 101 ☐ Other:					
		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	<i>12/6/20</i>	<i>12/9/20</i>				
Time	24-hour	<i>1414</i>	<i>940</i>	<i>957</i>	<i>1017</i>	<i>1031</i>	
Depth to Water	feet	<i>19.70</i>	<i>19.43</i>	<i>19.43</i>	<i>19.43</i>	<i>19.43</i>	
Product/ Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ Hach 2100P Turbidimeter ☒ YSI MPS 556 ☐ HF Scientific Turbidimeter ☐ Other: ☐ Other:		Pump description: ☒ Peristaltic ☐ Bladder (dedicated/portable) ☐ Submersible		Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC											
Purge depth	feet	Well goes dry during purging: Yes ☒ No													
Casing vol.	gallons	= [total depth (feet) - depth to water (feet)] × [internal diameter of well (inches)] ² × 0.0408													
Time	24-hour	<i>945</i>	<i>950</i>	<i>955</i>	<i>1000</i>	<i>1005</i>	<i>1010</i>	<i>1015</i>							Remarks
Purge vol.	gallons														
Purge rate	mL/min	<i>200</i>	<i>200</i>	<i>200</i>	<i>200</i>	<i>200</i>	<i>200</i>	<i>200</i>							
pH	su	<i>6.97</i>	<i>6.78</i>	<i>6.79</i>	<i>6.84</i>	<i>6.84</i>	<i>6.85</i>	<i>6.86</i>							
Temp.	°C	<i>16.91</i>	<i>17.04</i>	<i>17.02</i>	<i>16.94</i>	<i>16.98</i>	<i>16.94</i>	<i>16.99</i>							
Sp. Cond.	µS/cm	<i>359</i>	<i>363</i>	<i>363</i>	<i>361</i>	<i>355</i>	<i>353</i>	<i>351</i>							
D.O.	mg/L	<i>1.46</i>	<i>0.29</i>	<i>0.22</i>	<i>0.19</i>	<i>0.17</i>	<i>0.17</i>	<i>0.17</i>							
ORP	mV	<i>156.7</i>	<i>98.8</i>	<i>76.6</i>	<i>67.4</i>	<i>62.5</i>	<i>59.6</i>	<i>58.1</i>							
Turbidity	NTU	<i>478</i>	<i>53.0</i>	<i>31.4</i>	<i>26.2</i>	<i>16.1</i>	<i>11.9</i>	<i>7.71</i>							
Color/tint		<i>Clear/No Particulate</i>													
Odor		<i>None</i>													

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
<i>ML15R</i>	<i>12/9/21</i>	<i>1020</i>	<i>9</i>	<i>0</i>	
<i>EB-2</i>	<i>12/9/21</i>	<i>1040</i>	<i>2</i>	<i>0</i>	

Sampler's Name (print): <i>Michael Clayton</i>	Sampler Signature: <i>Michael Clayton</i>

Groundwater Sampling Record

Facility: Mississippi County Landfill	Site ID: MW16	Sampler: ML
Project Number: R04355-2494-001	Date: 12/9/21	Sampler Organization: FTN Associates, Ltd.

Site Description

Weather: Cloudy	Air Temp (°F): 46	Wind: WSW 16										
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	<table style="width: 100%;"> <tr> <td style="width: 40%;">Well diameter</td> <td style="width: 10%;">inches</td> <td style="width: 10%;">2</td> <td rowspan="3" style="width: 10%;">Well locked? ☒ Yes ☐ No</td> </tr> <tr> <td>Total depth from TOC</td> <td>feet</td> <td></td> </tr> <tr> <td>TOC below/above ground</td> <td>feet</td> <td></td> </tr> </table>	Well diameter	inches	2	Well locked? ☒ Yes ☐ No	Total depth from TOC	feet		TOC below/above ground	feet	
Well diameter	inches	2	Well locked? ☒ Yes ☐ No									
Total depth from TOC	feet											
TOC below/above ground	feet											
Damages/repairs needed:												

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:		Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper -T ☒ Solinst 101 ☐ Other:					
		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	12/6/21	12/9/21				
Time	24-hour	1408	820	853	918	936	
Depth to Water	feet	17.24	16.97	16.98	16.98	16.98	
Product/ Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ Hach 2100P Turbidimeter ☒ YSI MPS 556 ☐ HF Scientific Turbidimeter ☐ Other: ☐ Other:		Pump description: ☒ Peristaltic ☐ Bladder (dedicated/portable) ☐ Submersible		Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC									
Purge depth	feet	Well goes dry during purging: Yes ☒ No											
Casing vol.	gallons	= [total depth (feet) - depth to water (feet)] × [internal diameter of well (inches)] ² × 0.0408											
Time	24-hour	840	845	850	855	900	905	910	915				Remarks
Purge vol.	gallons												
Purge rate	mL/min	170	170	170	170	170	170	170	170				
pH	su	6.96	6.97	6.97	6.99	6.99	6.93	6.95	6.98				
Temp.	°C	16.70	16.83	16.91	16.97	16.49	16.36	16.53	16.71				
Sp. Cond.	µS/cm	471	462	462	459	458	455	455	456				
D.O.	mg/L	0.68	0.35	0.27	0.24	0.22	0.20	0.18	0.19				
ORP	mV	105.0	70.3	72.6	62.9	65.1	70.5	66.0	66.9				
Turbidity	NTU	52.9	41.7	30.9	23.6	19.1	16.2	12.4	9.51				
Color/tint		Clear/particulate →											
Odor		None →											

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW16	12/9/21	920	9	0	

Sampler's Name (print): Michael Clayton	Sampler Signature: <i>Michael Clayton</i>

Groundwater Sampling Record

Facility: Mississippi County Landfill	Site ID: MW18	Sampler: MCL
Project Number: R04355-2494-001	Date: 12/8/21	Sampler Organization: FTN Associates, Ltd.

Site Description

Weather: P/L	Air Temp (°F): 54	Wind: ESE @ 3										
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Well diameter</td> <td style="width: 10%;">inches</td> <td style="width: 10%;">2</td> <td rowspan="3" style="width: 10%;">Well locked? ☒ Yes ☐ No</td> </tr> <tr> <td>Total depth from TOC</td> <td>feet</td> <td></td> </tr> <tr> <td>TOC below/above ground</td> <td>feet</td> <td></td> </tr> </table>	Well diameter	inches	2	Well locked? ☒ Yes ☐ No	Total depth from TOC	feet		TOC below/above ground	feet	
Well diameter	inches	2	Well locked? ☒ Yes ☐ No									
Total depth from TOC	feet											
TOC below/above ground	feet											
Damages/repairs needed:												

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:		Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper -T ☒ Solinst 101 ☐ Other:					
		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	12/8/21	12/8/21				
Time	24-hour	1402	1600	1617	1638	1700	
Depth to Water	feet	18.74	18.60	18.60	18.60	18.60	
Product/ Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ Hach 2100P Turbidimeter ☒ YSI MPS 556 ☐ HF Scientific Turbidimeter ☐ Other: ☐ Other:		Pump description: ☒ Peristaltic ☐ Disposable polyethylene ☐ Bladder (dedicated/portable) ☐ Disposable Teflon ☐ Submersible ☐ Disposable PVC												
Purge depth	feet	Well goes dry during purging: Yes ☒ No												
Casing vol.	gallons	= [total depth (feet) - depth to water (feet)] × [internal diameter of well (inches)] ² × 0.0408												
Time	24-hour	1605	1610	1615	1620	1625	1630	1635						Remarks
Purge vol.	gallons													
Purge rate	mL/min	180	180	180	180	180	180	180						
pH	su	6.96	6.80	6.78	6.82	6.86	6.90	6.91						
Temp.	°C	17.58	17.39	17.41	17.44	17.60	17.71	17.57						
Sp. Cond.	µS/cm	604	608	609	611	612	613	613						
D.O.	mg/L	0.79	0.31	0.21	0.17	0.16	0.15	0.15						
ORP	mV	83.9	79.0	75.9	71.7	68.4	65.3	64.1						
Turbidity	NTU	80.7	50.8	36.2	24.1	15.3	13.6	9.81						
Color/tint		Orange Particulate - Clear												
Odor		None												

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW18	12/8/21	1640	9	2	

Sampler's Name (print): Michael Clayton	Sampler Signature:

Groundwater Sampling Record

Facility: Mississippi County Landfill	Site ID: MW 19	Sampler: MCL
Project Number: R04355-2494-001	Date: 12/7/21	Sampler Organization: FTN Associates, Ltd.

Site Description

Weather: PC	Air Temp (°F): 47	Wind: ENE @ 8										
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	<table style="width: 100%;"> <tr> <td style="width: 33%;">Well diameter</td> <td style="width: 10%;">inches</td> <td style="width: 10%;">2</td> <td rowspan="3" style="width: 10%;">Well locked? Yes </td> </tr> <tr> <td>Total depth from TOC</td> <td>feet</td> <td></td> </tr> <tr> <td>TOC below/above ground</td> <td>feet</td> <td></td> </tr> </table>	Well diameter	inches	2	Well locked? Yes	Total depth from TOC	feet		TOC below/above ground	feet	
Well diameter	inches	2	Well locked? Yes									
Total depth from TOC	feet											
TOC below/above ground	feet											
Damages/repairs needed:												

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:		Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper -T ☒ Solinst 101 ☐ Other:					
		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	12/6/21	12/7/21				
Time	24-hour	1347	1420	1443	1507	1526	
Depth to Water	feet	18.34	18.25	18.25	18.25	18.25	
Product/ Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ Hach 2100P Turbidimeter ☒ YSI MPS 556 ☐ HF Scientific Turbidimeter ☐ Other: ☐ Other:		Pump description: ☒ Peristaltic ☐ Bladder (dedicated/portable) ☐ Submersible		Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC							
Purge depth	feet	Well goes dry during purging: Yes ☒ No									
Casing vol.	gallons	= [total depth (feet) - depth to water (feet)] × [internal diameter of well (inches)] ² × 0.0408									
Time	24-hour	1425	1430	1435	1440	1445	1450	1455	1500	1505	Remarks
Purge vol.	gallons										
Purge rate	mL/min	170	170	170	170	170	170	125	125	125	
pH	su	7.12	6.88	6.57	6.63	6.70	6.83	6.90	6.95	6.94	
Temp.	°C	17.66	17.56	17.51	17.42	17.43	17.60	17.69	17.64	17.50	
Sp. Cond.	µS/cm	319	320	320	322	323	326	326	327	327	
D.O.	mg/L	1.45	0.98	0.60	0.50	0.41	0.32	0.30	0.29	0.89	
ORP	mV	15.9	0.4	-14.6	-21.4	-28.1	-35.6	-32.1	-37.2	-31.1	
Turbidity	NTU	22.9	18.5	15.5	14.8	15.2	10.3	9.36	7.79	6.86	
Color/tint		Clear w/ Particulate									
Odor		None									

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW 19	12/7/21	1510	9	0	

Sampler's Name (print): Michael Clayton	Sampler Signature:

Groundwater Sampling Record

Facility: Mississippi County Landfill	Site ID: <u>MW21</u>	Sampler: <u>MLL</u>
Project Number: R04355-2494-001	Date: <u>12/7/21</u>	Sampler Organization: FTN Associates, Ltd.

Site Description

Weather: <u>P/C</u>	Air Temp (°F): <u>46</u>	Wind: <u>E NE @ R</u>										
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	<table style="width: 100%;"> <tr> <td style="width: 33%;">Well diameter</td> <td style="width: 10%;">inches</td> <td style="width: 10%;"><u>2</u></td> <td rowspan="3" style="width: 10%; text-align: center; vertical-align: middle;">Well locked? <u>Yes</u> No</td> </tr> <tr> <td>Total depth from TOC</td> <td>feet</td> <td></td> </tr> <tr> <td>TOC below/above ground</td> <td>feet</td> <td></td> </tr> </table>	Well diameter	inches	<u>2</u>	Well locked? <u>Yes</u> No	Total depth from TOC	feet		TOC below/above ground	feet	
Well diameter	inches	<u>2</u>	Well locked? <u>Yes</u> No									
Total depth from TOC	feet											
TOC below/above ground	feet											
Damages/repairs needed:												

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:		Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper -T ☒ Solinst 101 ☐ Other:				
		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling
Date	mm/dd/yy	<u>12/6/21</u>	<u>12/7/21</u>	<u>12/7/21</u>	<u>12/7/21</u>	
Time	24-hour	<u>1343</u>	<u>1300</u>	<u>1313</u>	<u>1357</u>	<u>1413</u>
Depth to Water	feet	<u>19.65</u>	<u>19.57</u>	<u>19.57</u>	<u>19.57</u>	<u>19.57</u>
Product/ Thickness	LNAPL/DNAPL feet					

Field Data

Field data meters: ☐ YSI ProPlus ☒ Hach 2100P Turbidimeter ☒ YSI MPS 556 ☐ HF Scientific Turbidimeter ☐ Other: ☐ Other:		Pump description: ☒ Peristaltic ☐ Bladder (dedicated/portable) ☐ Submersible		Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC									
Purge depth	feet	Well goes dry during purging: Yes <u>No</u>											
Casing vol.	gallons	= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)] ² × 0.0408											
Time	24-hour	<u>1305</u>	<u>1310</u>	<u>1315</u>	<u>1320</u>	<u>1325</u>	<u>1330</u>	<u>1335</u>	<u>1340</u>	<u>1345</u>	<u>1350</u>	<u>1355</u>	Remarks
Purge vol.	gallons												
Purge rate	mL/min	<u>180</u>	<u>180</u>	<u>180</u>	<u>180</u>	<u>180</u>	<u>180</u>	<u>180</u>	<u>180</u>	<u>180</u>	<u>180</u>	<u>180</u>	
pH	su	<u>7.25</u>	<u>7.07</u>	<u>6.88</u>	<u>6.91</u>	<u>6.97</u>	<u>6.87</u>	<u>6.87</u>	<u>6.87</u>	<u>6.91</u>	<u>6.94</u>	<u>6.94</u>	
Temp.	°C	<u>17.93</u>	<u>17.91</u>	<u>17.83</u>	<u>17.84</u>	<u>17.76</u>	<u>17.83</u>	<u>17.80</u>	<u>17.92</u>	<u>17.91</u>	<u>17.88</u>	<u>17.97</u>	
Sp. Cond.	µS/cm	<u>384</u>	<u>383</u>	<u>383</u>	<u>384</u>	<u>385</u>	<u>387</u>	<u>387</u>	<u>387</u>	<u>386</u>	<u>388</u>	<u>384</u>	
D.O.	mg/L	<u>0.47</u>	<u>0.36</u>	<u>0.29</u>	<u>0.26</u>	<u>0.26</u>	<u>0.23</u>	<u>0.23</u>	<u>0.19</u>	<u>0.17</u>	<u>0.17</u>	<u>0.18</u>	
ORP	mV	<u>89.7</u>	<u>94.6</u>	<u>99.6</u>	<u>90.3</u>	<u>62.7</u>	<u>-2.7</u>	<u>-39.1</u>	<u>-51.5</u>	<u>-55.7</u>	<u>-64.6</u>	<u>-68.1</u>	
Turbidity	NTU	<u>Clean w/ Particulate</u>											
Color/tint		<u>8.95</u>	<u>7.40</u>	<u>7.21</u>	<u>8.93</u>	<u>11.5</u>	<u>9.45</u>	<u>7.89</u>	<u>5.76</u>	<u>9.03</u>	<u>5.39</u>	<u>5.03</u>	
Odor		<u>None</u>											

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
<u>MW21</u>	<u>12/7/21</u>	<u>1400</u>	<u>9</u>	<u>0</u>	

Sampler's Name (print): <u>Michael Clayton</u>	Sampler Signature: <u>Michael Clayton</u>

Groundwater Sampling Record

Facility: Mississippi County Landfill	Site ID: <i>MCL 22</i>	Sampler: <i>MLL</i>
Project Number: R04355-2494-001	Date: <i>12/7/21</i>	Sampler Organization: FTN Associates, Ltd.

Site Description

Weather: <i>Clear</i>		Air Temp (°F): <i>39</i>		Wind: <i>ENE @ 13</i>	
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:		Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:		Well diameter: inches <i>2</i> Total depth from TOC: feet TOC below/above ground: feet Well locked? ☒ Yes ☐ No	
Damages/repairs needed:					

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:		Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper -T ☒ Solinst 101 ☐ Other:					
		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	<i>12/6/21</i>	<i>12/7/21</i>				
Time	24-hour	<i>1330</i>	<i>1027</i>	<i>1053</i>	<i>1102</i>	<i>1120</i>	
Depth to Water	feet	<i>19.23</i>	<i>19.23</i>	<i>19.22</i>	<i>19.22</i>	<i>19.22</i>	
Product/ Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ YSI MPS 556 ☐ Other:		☒ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:		Pump description: ☒ Peristaltic ☐ Bladder (dedicated/portable) ☐ Submersible		Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC			
Purge depth	feet	Well goes dry during purging: Yes No							
Casing vol.	gallons	= [total depth (feet) - depth to water (feet)] × [internal diameter of well (inches)] ² × 0.0408							
Time	24-hour	<i>1030</i>	<i>1035</i>	<i>1040</i>	<i>1045</i>	<i>1050</i>	<i>1055</i>	<i>1100</i>	Remarks
Purge vol.	gallons								
Purge rate	mL/min	<i>170</i>	<i>170</i>	<i>170</i>	<i>170</i>	<i>170</i>	<i>170</i>	<i>170</i>	
pH	su	<i>7.08</i>	<i>7.09</i>	<i>7.06</i>	<i>7.06</i>	<i>7.06</i>	<i>7.06</i>	<i>7.01</i>	
Temp.	°C	<i>17.39</i>	<i>17.48</i>	<i>17.54</i>	<i>17.63</i>	<i>17.74</i>	<i>17.75</i>	<i>17.87</i>	
Sp. Cond.	µS/cm	<i>297</i>	<i>293</i>	<i>292</i>	<i>292</i>	<i>294</i>	<i>304</i>	<i>361</i>	
D.O.	mg/L	<i>0.70</i>	<i>0.48</i>	<i>0.42</i>	<i>0.39</i>	<i>0.42</i>	<i>0.41</i>	<i>0.37</i>	
ORP	mV	<i>74.1</i>	<i>82.2</i>	<i>77.5</i>	<i>72.9</i>	<i>58.3</i>	<i>58.2</i>	<i>17.9</i>	
Turbidity	NTU	<i>100</i>	<i>93.0</i>	<i>25.2</i>	<i>15.5</i>	<i>14.5</i>	<i>10.6</i>	<i>6.74</i>	
Color/tint		<i>Clear/Particle</i>	<i>Clear</i>	<i>Clear</i>	<i>Clear</i>	<i>Clear</i>	<i>Clear</i>	<i>Clear</i>	
Odor		<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>	

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
<i>MCL 22</i>	<i>12/2/21</i>	<i>1105</i>	<i>9</i>	<i>0</i>	

Sampler's Name (print): <i>Michael Clayton</i>	Sampler Signature: <i>[Signature]</i>

Groundwater Sampling Record

Facility: Mississippi County Landfill	Site ID: MW 23	Sampler: MCL
Project Number: R04355-2494-001	Date: 12/7/21	Sampler Organization: FTN Associates, Ltd.

Site Description

Weather: P/C	Air Temp (°F): 43	Wind: E @ 10										
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:	<table style="width: 100%;"> <tr> <td style="width: 33%;">Well diameter</td> <td style="width: 10%;">inches</td> <td style="width: 10%;">2</td> <td rowspan="3" style="width: 10%;">Well locked? ☒ Yes ☐ No</td> </tr> <tr> <td>Total depth from TOC</td> <td>feet</td> <td></td> </tr> <tr> <td>TOC below/above ground</td> <td>feet</td> <td></td> </tr> </table>	Well diameter	inches	2	Well locked? ☒ Yes ☐ No	Total depth from TOC	feet		TOC below/above ground	feet	
Well diameter	inches	2	Well locked? ☒ Yes ☐ No									
Total depth from TOC	feet											
TOC below/above ground	feet											
Damages/repairs needed:												

Water Level Data

Measuring point description: ☐ Mark/notch on TOC ☒ North rim of TOC ☐ Other:		Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper -T ☒ Solinst 101 ☐ Other:				
		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling
Date	mm/dd/yy	12/6/21	12/7/21			
Time	24-hour	1336	1130	1153	1219	1234
Depth to Water	feet	19.19	19.15	19.15	19.15	19.15
Product/ Thickness	LNAPL/DNAPL feet					

Field Data

Field data meters: ☐ YSI ProPlus ☒ Hach 2100P Turbidimeter ☒ YSI MPS 556 ☐ HF Scientific Turbidimeter ☐ Other: ☐ Other:		Pump description: ☒ Peristaltic ☐ Bladder (dedicated/portable) ☐ Submersible		Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC								
Purge depth	feet	Well goes dry during purging: Yes No										
Casing vol.	gallons	= [total depth (feet) - depth to water (feet)] × [internal diameter of well (inches)] ² × 0.0408										
Time	24-hour	1140	1145	1150	1155	1200	1205	1210	1215			Remarks
Purge vol.	gallons											
Purge rate	mL/min	185	185	185	185	185	185	185	185			
pH	su	7.05	6.40	6.41	6.45	6.55	6.64	6.67	6.68			
Temp.	°C	18.34	17.74	17.67	17.63	17.75	17.75	17.70	17.71			
Sp. Cond.	µS/cm	366	382	384	385	386	388	388	389			
D.O.	mg/L	1.97	0.31	0.28	0.26	0.23	0.22	0.21	0.20			
ORP	mV	55.6	88.9	21.1	13.6	0.6	-9.2	-13.0	-15.5			
Turbidity	NTU	22.8	11.1	7.38	4.20	3.22	2.82	4.01	4.48			
Color/tint		2.40	2.10	2.10	2.10	2.10	2.10	2.10	2.10			
Odor		2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10			

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW 23	12/7/21	1220	9	8	

Sampler's Name (print): Michael Clayton	Sampler Signature: [Signature]

Groundwater Sampling Record

Facility: Mississippi County Landfill	Site ID: MW 24	Sampler: MCL
Project Number: R04355-2494-001	Date: 12/7/21	Sampler Organization: FTN Associates, Ltd.

Site Description

Weather: Cloudy		Air Temp (°F): 44		Wind: ENE 28			
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:		Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:		Well diameter	inches	2	Well locked? ☒ Yes ☐ No
				Total depth from TOC	feet		
				TOC below/above ground	feet		
Damages/repairs needed:							

Water Level Data

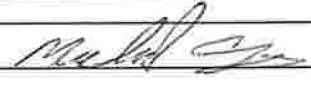
Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:		Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper -T ☒ Solinst 101 ☐ Other:					
		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	12/6/21	12/7/21				
Time	24-hour	1445	1535	1553	1623	1643	
Depth to Water	feet	18.16	18.03	18.03	18.03	18.03	
Product/ Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ YSI MPS 556 ☐ Other:		☒ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:		Pump description: ☒ Peristaltic ☐ Bladder (dedicated/portable) ☐ Submersible		Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC						
Purge depth	feet	Well goes dry during purging: Yes ☒ No										
Casing vol.	gallons	= [total depth (feet) - depth to water (feet)] × [internal diameter of well (inches)] ² × 0.0408										
Time	24-hour	1540	1540	1545	1550	1555	1600	1605	1610	1615	1620	Remarks
Purge vol.	gallons											
Purge rate	mL/min	190	190	190	190	190	190	190	190	190	190	
pH	su	6.96	6.70	6.59	6.57	6.65	6.70	6.68	6.73	6.62	6.59	
Temp.	°C	16.54	16.54	16.47	16.46	16.50	16.29	16.18	16.04	15.29	15.67	
Sp. Cond.	µS/cm	447	453	453	453	454	454	453	454	453	453	
D.O.	mg/L	0.76	0.59	0.28	0.21	0.16	0.17	0.17	0.18	0.20	0.20	
ORP	mV	40.6	16.4	17.3	11.1	1.0	6.6	18.7	20.0	43.0	48.2	
Turbidity	NTU	146	91.2	72.3	57.2	30.8	24.0	18.6	16.5	11.6	9.3	
Color/tint		Orange Pant. 60147										
Odor		None										

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
MW 24	12/2/21	1625	9	0	

Sampler's Name (print): MICHAEL Clayton	Sampler Signature: 

Groundwater Sampling Record

Facility: Mississippi County Landfill	Site ID: 002	Sampler: MCL
Project Number: R04355-2494-001	Date: 12/7/21	Sampler Organization: FTN Associates, Ltd.

Site Description

Weather: p/c		Air Temp (°F): 35		Wind: ENE @ 10	
Site type: ☒ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:		Well casing material: ☒ PVC ☐ Steel ☐ Iron ☐ Other:		Well diameter: inches 2 Total depth from TOC: feet TOC below/above ground: feet	
Damages/repairs needed:					

Water Level Data

Measuring point description: ☒ Mark/notch on TOC ☐ North rim of TOC ☐ Other:		Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper -T ☒ Solinst 101 ☐ Other:					
		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy	12/6/21	12/7/21				
Time	24-hour	1324	920	943	958	1016	
Depth to Water	feet	15.71	15.69	15.69	15.69	15.69	
Product/ Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☒ YSI MPS 556 ☐ Other:		☒ Hach 2100P Turbidimeter ☐ HF Scientific Turbidimeter ☐ Other:		Pump description: ☒ Peristaltic ☐ Bladder (dedicated/portable) ☐ Submersible		Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC	
Purge depth	feet	Well goes dry during purging: Yes ☒ No					
Casing vol.	gallons	= [total depth (feet) - depth to water (feet)] × [internal diameter of well (inches)]² × 0.0408					
Time	24-hour	925	930	935	940	945	950
Purge vol.	gallons						
Purge rate	mL/min	180	180	180	180	180	180
pH	su	6.92	7.01	7.09	7.12	7.12	7.12
Temp.	°C	16.57	16.63	16.71	16.75	16.72	16.80
Sp. Cond.	µS/cm	544	534	527	525	523	521
D.O.	mg/L	0.73	0.59	0.49	0.43	0.37	0.30
ORP	mV	-23.6	-23.0	-28.4	-13.7	-7.0	-4.1
Turbidity	NTU	23.9	16.5	8.72	7.30	5.95	6.83
Color/tint		2/22A					
Odor		1/22A					

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
002	12/7/21	955	9	0	

Sampler's Name (print): Michael Clayton	Sampler Signature: [Signature]

Groundwater Sampling Record

Facility: Mississippi County Landfill	Site ID: <u>LALADOTE 2</u>	Sampler: <u>MCL</u>
Project Number: R04355-2494-001	Date: <u>12/10/21</u>	Sampler Organization: FTN Associates, Ltd.

Site Description

Weather:	Air Temp (°F):	Wind:			
Site type: ☐ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☐ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter	inches		Well locked? Yes No
		Total depth from TOC	feet		
		TOC below/above ground	feet		
Damages/repairs needed:					

Water Level Data

Measuring point description: ☐ Mark/notch on TOC ☐ North rim of TOC ☐ Other:		Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper -T ☐ Solinst 101 ☐ Other:					
		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy						
Time	24-hour						
Depth to Water	feet						
Product/ Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☐ Hach 2100P Turbidimeter ☐ YSI MPS 556 ☐ HF Scientific Turbidimeter ☐ Other: ☐ Other:			Pump description: ☐ Peristaltic ☐ Bladder (dedicated/portable) ☐ Submersible			Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC		
Purge depth	feet		Well goes dry during purging: Yes No					
Casing vol.	gallons		= [total depth (feet) – depth to water (feet)] × [internal diameter of well (inches)] ² × 0.0408					
Time	24-hour							Remarks
Purge vol.	gallons							
Purge rate	mL/min							
pH	su	<u>7.68</u>						
Temp.	°C	<u>23.16</u>						
Sp. Cond.	µS/cm	<u>9621</u>						
D.O.	mg/L	<u>2.69</u>						
ORP	mV	<u>203.3</u>						
Turbidity	NTU	<u>71.1</u>						
Color/tint		<u>GREEN/BROWN</u>						
Odor		<u>SOAK</u>						

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
<u>LALADOTE 2</u>	<u>12/10/21</u>	<u>1200</u>	<u>9</u>	<u>0</u>	

Sampler's Name (print): <u>Michael Clayton</u>	Sampler Signature: <u>[Signature]</u>

Groundwater Sampling Record

Facility: Mississippi County Landfill	Site ID: <u>Lac-Hofz 2</u>	Sampler: <u>MLL</u>
Project Number: R04355-2494-001	Date: <u>12/10/21</u>	Sampler Organization: FTN Associates, Ltd.

Site Description

Weather:	Air Temp (°F):	Wind:	
Site type: ☐ Monitoring Well ☐ Extraction Well ☐ Production Well ☐ Borehole ☐ Dewatering Well ☐ Spring ☐ Other:	Well casing material: ☐ PVC ☐ Steel ☐ Iron ☐ Other:	Well diameter inches	Well locked? Yes No
		Total depth from TOC feet	
		TOC below/above ground feet	
Damages/repairs needed:			

Water Level Data

Measuring point description: ☐ Mark/notch on TOC ☐ North rim of TOC ☐ Other:		Water level meter: ☐ Geotech/Keck 100' ☐ Geotech/Keck 200' ☐ Heron Dipper -T ☐ Solinst 101 ☐ Other:					
		Pre-purge initial	Pre-purge confirmation	During purging	Purge end	After sampling	Remarks
Date	mm/dd/yy						
Time	24-hour						
Depth to Water	feet						
Product/ Thickness	LNAPL/DNAPL feet						

Field Data

Field data meters: ☐ YSI ProPlus ☐ Hach 2100P Turbidimeter ☐ YSI MPS 556 ☐ HF Scientific Turbidimeter ☐ Other: ☐ Other:			Pump description: ☐ Peristaltic ☐ Bladder (dedicated/portable) ☐ Submersible			Bailer description: ☐ Disposable polyethylene ☐ Disposable Teflon ☐ Disposable PVC						
Purge depth	feet		Well goes dry during purging: Yes No									
Casing vol.	gallons		= [total depth (feet) - depth to water (feet)] × [internal diameter of well (inches)] ² × 0.0408									
Time	24-hour											Remarks
Purge vol.	gallons											
Purge rate	mL/min											
pH	su	<u>7.47</u>										
Temp.	°C	<u>23.50</u>										
Sp. Cond.	µS/cm	<u>4710</u>										
D.O.	mg/L	<u>0.48</u>										
ORP	mV	<u>195.4</u>										
Turbidity	NTU	<u>mn</u>										
Color/tint		<u>Black</u>										
Odor		<u>Sulfur</u>										

Sample Data

Sample ID	Date	Time	# Containers	# Filtered	Remarks
<u>Lac-Hofz 2</u>	<u>12/10/21</u>	<u>1220</u>	<u>9</u>	<u>0</u>	<u>Heavy Reaction w/ Preserved BOTTLES</u>

Sampler's Name (print): <u>MICHAEL CLAYTON</u>	Sampler Signature: <u>[Signature]</u>

APPENDIX B

Laboratory Data

FTN Associates - Little Rock, AR

Sample Delivery Group: L1441656
Samples Received: 12/13/2021
Project Number: 04355-2494-001
Description: Mississippi County LF

Report To: Dana Derrington
3 Innwood Circle, Suite 220
Little Rock, AR 72211

Entire Report Reviewed By:



Mark W. Beasley
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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¹ Cp
² Tc
³ Ss
⁴ Cn
⁵ Sr
⁶ Qc
⁷ Gl
⁸ Al
⁹ Sc

- ¹Cp
- ²Tc
- ³Ss
- ⁴Cn
- ⁵Sr
- ⁶Qc
- ⁷Gl
- ⁸Al
- ⁹Sc

SAMPLE SUMMARY

MW-1 L1441656-01 GW

Collected by Michael Clayton
Collected date/time 12/10/21 10:55
Received date/time 12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1789804	1	12/15/21 12:26	12/15/21 14:29	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1794462	1	12/24/21 15:10	12/24/21 15:10	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1791686	1	12/20/21 22:17	12/20/21 22:17	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1800122	1	01/12/22 11:19	01/14/22 14:55	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1789425	1	12/14/21 23:31	12/14/21 23:31	JHH	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

MW-2 L1441656-02 GW

Collected by Michael Clayton
Collected date/time 12/09/21 11:50
Received date/time 12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1789804	1	12/15/21 12:26	12/15/21 14:29	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1794462	1	12/24/21 16:09	12/24/21 16:09	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1791686	1	12/20/21 22:38	12/20/21 22:38	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1800122	1	01/12/22 11:19	01/14/22 14:59	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1789425	1	12/14/21 23:52	12/14/21 23:52	JHH	Mt. Juliet, TN

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

MW-3 L1441656-03 GW

Collected by Michael Clayton
Collected date/time 12/10/21 09:20
Received date/time 12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1789804	1	12/15/21 12:26	12/15/21 14:29	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1794462	1	12/24/21 16:24	12/24/21 16:24	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1791686	1	12/20/21 22:53	12/20/21 22:53	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1800122	1	01/12/22 11:19	01/14/22 15:02	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1789425	1	12/15/21 00:12	12/15/21 00:12	JHH	Mt. Juliet, TN

⁹ Sc

MW-4R2 L1441656-04 GW

Collected by Michael Clayton
Collected date/time 12/09/21 13:30
Received date/time 12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1789804	1	12/15/21 12:26	12/15/21 14:29	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1794462	1	12/24/21 17:24	12/24/21 17:24	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1791686	1	12/20/21 23:26	12/20/21 23:26	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1800122	1	01/12/22 11:19	01/14/22 15:05	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1789425	1	12/15/21 00:33	12/15/21 00:33	JHH	Mt. Juliet, TN

MW-5R L1441656-05 GW

Collected by Michael Clayton
Collected date/time 12/09/21 14:45
Received date/time 12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1789804	1	12/15/21 12:26	12/15/21 14:29	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1794462	1	12/24/21 17:38	12/24/21 17:38	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1791687	1	12/18/21 15:58	12/18/21 15:58	GJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1800122	1	01/12/22 11:19	01/14/22 15:09	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1789425	1	12/15/21 00:55	12/15/21 00:55	JHH	Mt. Juliet, TN

ACCOUNT:

FTN Associates - Little Rock, AR

PROJECT:

04355-2494-001

SDG:

L1441656

DATE/TIME:

01/17/22 17:09

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SAMPLE SUMMARY

MW-6 L1441656-06 GW

Collected by Michael Clayton
Collected date/time 12/09/21 16:10
Received date/time 12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1789804	1	12/15/21 12:26	12/15/21 14:29	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1794462	1	12/24/21 17:53	12/24/21 17:53	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1791687	1	12/18/21 16:25	12/18/21 16:25	GJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1800122	1	01/12/22 11:19	01/14/22 16:00	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1789425	1	12/15/21 01:15	12/15/21 01:15	JHH	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

MW-10 L1441656-07 GW

Collected by Michael Clayton
Collected date/time 12/08/21 10:20
Received date/time 12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1789827	1	12/15/21 12:42	12/15/21 16:55	BRG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1794462	1	12/24/21 18:08	12/24/21 18:08	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1791687	1	12/18/21 17:23	12/18/21 17:23	GJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1800122	1	01/12/22 11:19	01/14/22 16:04	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1789425	1	12/15/21 01:36	12/15/21 01:36	JHH	Mt. Juliet, TN

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

MW-11 L1441656-08 GW

Collected by Michael Clayton
Collected date/time 12/08/21 11:25
Received date/time 12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1789827	1	12/15/21 12:42	12/15/21 16:55	BRG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1794462	1	12/24/21 18:23	12/24/21 18:23	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1791687	1	12/18/21 17:40	12/18/21 17:40	GJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1800122	1	01/12/22 11:19	01/14/22 16:07	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1789425	1	12/15/21 01:56	12/15/21 01:56	JHH	Mt. Juliet, TN

⁹ Sc

MW-12 L1441656-09 GW

Collected by Michael Clayton
Collected date/time 12/08/21 12:40
Received date/time 12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1789827	1	12/15/21 12:42	12/15/21 16:55	BRG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1794462	1	12/24/21 18:38	12/24/21 18:38	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1791687	1	12/18/21 18:45	12/18/21 18:45	GJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1800122	1	01/12/22 11:19	01/14/22 16:11	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1789425	1	12/15/21 02:17	12/15/21 02:17	JHH	Mt. Juliet, TN

MW-13 L1441656-10 GW

Collected by Michael Clayton
Collected date/time 12/08/21 14:15
Received date/time 12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1789827	1	12/15/21 12:42	12/15/21 16:55	BRG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1794462	1	12/24/21 18:53	12/24/21 18:53	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1791687	1	12/18/21 18:58	12/18/21 18:58	GJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1800122	1	01/12/22 11:19	01/14/22 16:14	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1789425	1	12/15/21 02:38	12/15/21 02:38	JHH	Mt. Juliet, TN

SAMPLE SUMMARY

MW-14 L1441656-11 GW

Collected by
Michael Clayton

Collected date/time
12/08/21 15:40

Received date/time
12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1789804	1	12/15/21 12:26	12/15/21 14:29	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1794462	1	12/24/21 19:08	12/24/21 19:08	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1791687	1	12/18/21 19:46	12/18/21 19:46	GJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1800122	1	01/12/22 11:19	01/14/22 16:17	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1789425	1	12/15/21 02:59	12/15/21 02:59	JHH	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

MW-15R L1441656-12 GW

Collected by
Michael Clayton

Collected date/time
12/09/21 10:20

Received date/time
12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1789804	1	12/15/21 12:26	12/15/21 14:29	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1794462	1	12/24/21 19:23	12/24/21 19:23	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1791687	1	12/18/21 19:59	12/18/21 19:59	GJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1800122	1	01/12/22 11:19	01/14/22 16:21	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1789425	1	12/15/21 03:20	12/15/21 03:20	JHH	Mt. Juliet, TN

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

MW-16 L1441656-13 GW

Collected by
Michael Clayton

Collected date/time
12/09/21 09:20

Received date/time
12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1789804	1	12/15/21 12:26	12/15/21 14:29	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1794462	1	12/24/21 20:08	12/24/21 20:08	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1791687	1	12/18/21 20:12	12/18/21 20:12	GJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1800122	1	01/12/22 11:19	01/14/22 16:24	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1789425	1	12/15/21 03:41	12/15/21 03:41	JHH	Mt. Juliet, TN

⁹ Sc

MW-18 L1441656-14 GW

Collected by
Michael Clayton

Collected date/time
12/08/21 16:40

Received date/time
12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1789804	1	12/15/21 12:26	12/15/21 14:29	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1794462	1	12/24/21 20:22	12/24/21 20:22	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1791687	1	12/18/21 20:39	12/18/21 20:39	GJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1800122	1	01/12/22 11:19	01/14/22 16:27	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1789425	1	12/15/21 04:02	12/15/21 04:02	JHH	Mt. Juliet, TN

MW-19 L1441656-15 GW

Collected by
Michael Clayton

Collected date/time
12/07/21 15:10

Received date/time
12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1789219	1	12/14/21 15:57	12/14/21 18:03	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1794462	1	12/24/21 20:37	12/24/21 20:37	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1791687	1	12/18/21 21:39	12/18/21 21:39	GJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1800122	1	01/12/22 11:19	01/14/22 16:31	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1789425	1	12/15/21 04:23	12/15/21 04:23	JHH	Mt. Juliet, TN

ACCOUNT:

FTN Associates - Little Rock, AR

PROJECT:

04355-2494-001

SDG:

L1441656

DATE/TIME:

01/17/22 17:09

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SAMPLE SUMMARY

MW-21 L1441656-16 GW

Collected by Michael Clayton
Collected date/time 12/07/21 14:00
Received date/time 12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1789219	1	12/14/21 15:57	12/14/21 18:03	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1794462	1	12/24/21 20:52	12/24/21 20:52	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1791687	1	12/18/21 21:52	12/18/21 21:52	GJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1800124	1	01/12/22 10:19	01/14/22 11:35	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1789425	1	12/15/21 04:44	12/15/21 04:44	JHH	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

MW-22 L1441656-17 GW

Collected by Michael Clayton
Collected date/time 12/07/21 11:05
Received date/time 12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1789344	1	12/14/21 18:28	12/14/21 19:25	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1794462	1	12/24/21 21:37	12/24/21 21:37	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1791687	1	12/18/21 22:43	12/18/21 22:43	GJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1800124	1	01/12/22 10:19	01/14/22 11:38	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1789425	1	12/15/21 05:05	12/15/21 05:05	JHH	Mt. Juliet, TN

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

MW-23 L1441656-18 GW

Collected by Michael Clayton
Collected date/time 12/07/21 12:20
Received date/time 12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1789219	1	12/14/21 15:57	12/14/21 18:03	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1794462	1	12/24/21 21:52	12/24/21 21:52	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1791687	1	12/18/21 22:57	12/18/21 22:57	GJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1800124	1	01/12/22 10:19	01/14/22 11:42	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1789425	1	12/15/21 05:26	12/15/21 05:26	JHH	Mt. Juliet, TN

⁹ Sc

MW-24 L1441656-19 GW

Collected by Michael Clayton
Collected date/time 12/07/21 16:25
Received date/time 12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1789344	1	12/14/21 18:28	12/14/21 19:25	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1794462	1	12/24/21 22:07	12/24/21 22:07	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1791687	1	12/18/21 23:15	12/18/21 23:15	GJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1800124	1	01/12/22 10:19	01/14/22 11:20	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1789425	1	12/15/21 05:47	12/15/21 05:47	JHH	Mt. Juliet, TN

OB-1 L1441656-20 GW

Collected by Michael Clayton
Collected date/time 12/07/21 09:55
Received date/time 12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1789218	1	12/14/21 15:14	12/14/21 21:57	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1794462	1	12/24/21 22:22	12/24/21 22:22	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1791687	1	12/18/21 23:29	12/18/21 23:29	GJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1800124	1	01/12/22 10:19	01/14/22 11:45	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1789425	1	12/15/21 06:08	12/15/21 06:08	JHH	Mt. Juliet, TN

SAMPLE SUMMARY

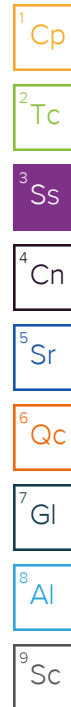
LEACHATE-1 L1441656-21 GW

Collected by
Michael Clayton

Collected date/time
12/10/21 12:00

Received date/time
12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1789804	1	12/15/21 12:26	12/15/21 14:29	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1795754	20	12/28/21 22:20	12/28/21 22:20	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1791687	10	12/18/21 23:55	12/18/21 23:55	GJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1801154	5	01/12/22 16:49	01/13/22 16:35	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1801154	5	01/12/22 16:49	01/13/22 19:22	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1789903	10	12/15/21 16:31	12/15/21 16:31	ACG	Mt. Juliet, TN



LEACHATE-2 L1441656-22 GW

Collected by
Michael Clayton

Collected date/time
12/10/21 12:20

Received date/time
12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1789804	1	12/15/21 12:26	12/15/21 14:29	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1795754	10	12/28/21 22:33	12/28/21 22:33	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1791687	5	12/19/21 00:20	12/19/21 00:20	GJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1801154	1	01/12/22 16:49	01/13/22 16:39	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1801154	1	01/12/22 16:49	01/13/22 19:25	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1789903	10	12/15/21 16:50	12/15/21 16:50	ACG	Mt. Juliet, TN

MW-4R2 DUP L1441656-23 GW

Collected by
Michael Clayton

Collected date/time
12/09/21 13:35

Received date/time
12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1789827	1	12/15/21 12:42	12/15/21 16:55	BRG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1795754	1	12/28/21 22:45	12/28/21 22:45	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1791687	1	12/19/21 00:34	12/19/21 00:34	GJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1800124	1	01/12/22 10:19	01/14/22 11:56	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1789903	1	12/15/21 17:09	12/15/21 17:09	ACG	Mt. Juliet, TN

MW-10 DUP L1441656-24 GW

Collected by
Michael Clayton

Collected date/time
12/08/21 10:25

Received date/time
12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1789827	1	12/15/21 12:42	12/15/21 16:55	BRG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1795754	1	12/28/21 22:58	12/28/21 22:58	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1791687	1	12/19/21 00:49	12/19/21 00:49	GJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1800124	1	01/12/22 10:19	01/14/22 11:59	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1789903	1	12/15/21 17:28	12/15/21 17:28	ACG	Mt. Juliet, TN

EB-1 L1441656-25 GW

Collected by
Michael Clayton

Collected date/time
12/10/21 11:25

Received date/time
12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1789827	1	12/15/21 12:42	12/15/21 16:55	BRG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1795754	1	12/28/21 23:11	12/28/21 23:11	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1792379	1	12/21/21 06:30	12/21/21 06:30	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1800124	1	01/12/22 10:19	01/14/22 12:03	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1789903	1	12/15/21 15:01	12/15/21 15:01	ACG	Mt. Juliet, TN

SAMPLE SUMMARY

EB-2 L1441656-26 GW

Collected by
Michael Clayton

Collected date/time
12/09/21 10:40

Received date/time
12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG1789827	1	12/15/21 12:42	12/15/21 16:55	BRG	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1795754	1	12/28/21 23:24	12/28/21 23:24	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1792379	1	12/21/21 06:54	12/21/21 06:54	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1800124	1	01/12/22 10:19	01/14/22 12:07	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1789903	1	12/15/21 15:20	12/15/21 15:20	ACG	Mt. Juliet, TN

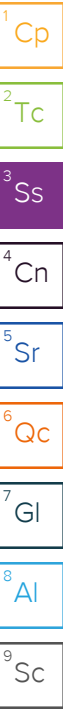
TRIP BLANK L1441656-27 GW

Collected by
Michael Clayton

Collected date/time
12/10/21 00:00

Received date/time
12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1789903	1	12/15/21 14:04	12/15/21 14:04	ACG	Mt. Juliet, TN

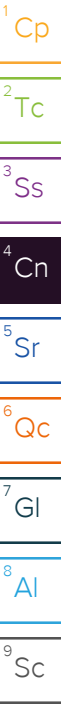


CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Mark W. Beasley
Project Manager



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	599000		10000	1	12/15/2021 14:29	WG1789804

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	66200		379	1000	1	12/24/2021 15:10	WG1794462
Sulfate	33600		594	5000	1	12/24/2021 15:10	WG1794462

Wet Chemistry by Method 9060A

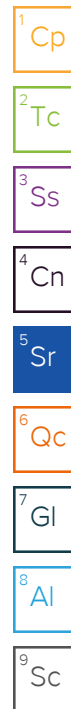
Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	4420		102	1000	1	12/20/2021 22:17	WG1791686

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	1.45	J J4	1.03	4.00	1	01/14/2022 14:55	WG1800122
Arsenic	85.8		0.180	2.00	1	01/14/2022 14:55	WG1800122
Barium	563		0.381	2.00	1	01/14/2022 14:55	WG1800122
Beryllium	U		0.190	2.00	1	01/14/2022 14:55	WG1800122
Cadmium	U		0.150	1.00	1	01/14/2022 14:55	WG1800122
Chromium	U		1.24	2.00	1	01/14/2022 14:55	WG1800122
Copper	111		1.51	5.00	1	01/14/2022 14:55	WG1800122
Cobalt	0.280	J	0.0596	2.00	1	01/14/2022 14:55	WG1800122
Iron	17300		28.1	100	1	01/14/2022 14:55	WG1800122
Lead	7.47		0.849	2.00	1	01/14/2022 14:55	WG1800122
Manganese	3600		0.704	5.00	1	01/14/2022 14:55	WG1800122
Nickel	5.74		0.816	2.00	1	01/14/2022 14:55	WG1800122
Selenium	U		0.300	2.00	1	01/14/2022 14:55	WG1800122
Silver	0.101	J	0.0700	2.00	1	01/14/2022 14:55	WG1800122
Thallium	U		0.121	2.00	1	01/14/2022 14:55	WG1800122
Vanadium	U		0.664	5.00	1	01/14/2022 14:55	WG1800122
Zinc	77.2		3.02	25.0	1	01/14/2022 14:55	WG1800122

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	12/14/2021 23:31	WG1789425
Acrylonitrile	U		0.671	10.0	1	12/14/2021 23:31	WG1789425
Benzene	U		0.0941	1.00	1	12/14/2021 23:31	WG1789425
Bromochloromethane	U		0.128	1.00	1	12/14/2021 23:31	WG1789425
Bromodichloromethane	U		0.136	1.00	1	12/14/2021 23:31	WG1789425
Bromoform	U		0.129	1.00	1	12/14/2021 23:31	WG1789425
Bromomethane	U		0.605	5.00	1	12/14/2021 23:31	WG1789425
Carbon disulfide	U		0.0962	1.00	1	12/14/2021 23:31	WG1789425
Carbon tetrachloride	U		0.128	1.00	1	12/14/2021 23:31	WG1789425
Chlorobenzene	U		0.116	1.00	1	12/14/2021 23:31	WG1789425
Chlorodibromomethane	U		0.140	1.00	1	12/14/2021 23:31	WG1789425
Chloroethane	U		0.192	5.00	1	12/14/2021 23:31	WG1789425
Chloroform	U		0.111	5.00	1	12/14/2021 23:31	WG1789425
Chloromethane	U		0.960	2.50	1	12/14/2021 23:31	WG1789425
Dibromomethane	U		0.122	1.00	1	12/14/2021 23:31	WG1789425
1,2-Dibromoethane	U		0.126	1.00	1	12/14/2021 23:31	WG1789425
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	12/14/2021 23:31	WG1789425



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	12/14/2021 23:31	WG1789425
1,4-Dichlorobenzene	U		0.120	1.00	1	12/14/2021 23:31	WG1789425
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	12/14/2021 23:31	WG1789425
1,1-Dichloroethane	U		0.100	1.00	1	12/14/2021 23:31	WG1789425
1,2-Dichloroethane	U		0.0819	1.00	1	12/14/2021 23:31	WG1789425
1,1-Dichloroethene	U		0.188	1.00	1	12/14/2021 23:31	WG1789425
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/14/2021 23:31	WG1789425
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/14/2021 23:31	WG1789425
1,2-Dichloropropane	U		0.149	1.00	1	12/14/2021 23:31	WG1789425
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/14/2021 23:31	WG1789425
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/14/2021 23:31	WG1789425
Ethylbenzene	U		0.137	1.00	1	12/14/2021 23:31	WG1789425
2-Hexanone	U		0.787	10.0	1	12/14/2021 23:31	WG1789425
Iodomethane	U		6.00	10.0	1	12/14/2021 23:31	WG1789425
2-Butanone (MEK)	U		1.19	10.0	1	12/14/2021 23:31	WG1789425
Methylene Chloride	U		0.430	5.00	1	12/14/2021 23:31	WG1789425
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/14/2021 23:31	WG1789425
Styrene	U		0.118	1.00	1	12/14/2021 23:31	WG1789425
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	12/14/2021 23:31	WG1789425
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/14/2021 23:31	WG1789425
Tetrachloroethene	U		0.300	1.00	1	12/14/2021 23:31	WG1789425
Toluene	U		0.278	1.00	1	12/14/2021 23:31	WG1789425
1,1,1-Trichloroethane	U		0.149	1.00	1	12/14/2021 23:31	WG1789425
1,1,2-Trichloroethane	U		0.158	1.00	1	12/14/2021 23:31	WG1789425
Trichloroethene	U		0.190	1.00	1	12/14/2021 23:31	WG1789425
Trichlorofluoromethane	U		0.160	5.00	1	12/14/2021 23:31	WG1789425
1,2,3-Trichloropropane	U		0.237	2.50	1	12/14/2021 23:31	WG1789425
Vinyl acetate	U		0.692	10.0	1	12/14/2021 23:31	WG1789425
Vinyl chloride	U		0.234	1.00	1	12/14/2021 23:31	WG1789425
Xylenes, Total	U		0.174	3.00	1	12/14/2021 23:31	WG1789425
(S) Toluene-d8	98.8			80.0-120		12/14/2021 23:31	WG1789425
(S) 4-Bromofluorobenzene	101			77.0-126		12/14/2021 23:31	WG1789425
(S) 1,2-Dichloroethane-d4	102			70.0-130		12/14/2021 23:31	WG1789425

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	589000		10000	1	12/15/2021 14:29	WG1789804

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	17400		379	1000	1	12/24/2021 16:09	WG1794462
Sulfate	69700		594	5000	1	12/24/2021 16:09	WG1794462

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	2680		102	1000	1	12/20/2021 22:38	WG1791686

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U	J4	1.03	4.00	1	01/14/2022 14:59	WG1800122
Arsenic	9.18		0.180	2.00	1	01/14/2022 14:59	WG1800122
Barium	353		0.381	2.00	1	01/14/2022 14:59	WG1800122
Beryllium	U		0.190	2.00	1	01/14/2022 14:59	WG1800122
Cadmium	U		0.150	1.00	1	01/14/2022 14:59	WG1800122
Chromium	1.55	J	1.24	2.00	1	01/14/2022 14:59	WG1800122
Copper	U		1.51	5.00	1	01/14/2022 14:59	WG1800122
Cobalt	0.527	J	0.0596	2.00	1	01/14/2022 14:59	WG1800122
Iron	19700		28.1	100	1	01/14/2022 14:59	WG1800122
Lead	U		0.849	2.00	1	01/14/2022 14:59	WG1800122
Manganese	2290		0.704	5.00	1	01/14/2022 14:59	WG1800122
Nickel	2.06		0.816	2.00	1	01/14/2022 14:59	WG1800122
Selenium	U		0.300	2.00	1	01/14/2022 14:59	WG1800122
Silver	U		0.0700	2.00	1	01/14/2022 14:59	WG1800122
Thallium	U		0.121	2.00	1	01/14/2022 14:59	WG1800122
Vanadium	U		0.664	5.00	1	01/14/2022 14:59	WG1800122
Zinc	U		3.02	25.0	1	01/14/2022 14:59	WG1800122

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	12/14/2021 23:52	WG1789425
Acrylonitrile	U		0.671	10.0	1	12/14/2021 23:52	WG1789425
Benzene	U		0.0941	1.00	1	12/14/2021 23:52	WG1789425
Bromochloromethane	U		0.128	1.00	1	12/14/2021 23:52	WG1789425
Bromodichloromethane	U		0.136	1.00	1	12/14/2021 23:52	WG1789425
Bromoform	U		0.129	1.00	1	12/14/2021 23:52	WG1789425
Bromomethane	U		0.605	5.00	1	12/14/2021 23:52	WG1789425
Carbon disulfide	U		0.0962	1.00	1	12/14/2021 23:52	WG1789425
Carbon tetrachloride	U		0.128	1.00	1	12/14/2021 23:52	WG1789425
Chlorobenzene	U		0.116	1.00	1	12/14/2021 23:52	WG1789425
Chlorodibromomethane	U		0.140	1.00	1	12/14/2021 23:52	WG1789425
Chloroethane	U		0.192	5.00	1	12/14/2021 23:52	WG1789425
Chloroform	U		0.111	5.00	1	12/14/2021 23:52	WG1789425
Chloromethane	U		0.960	2.50	1	12/14/2021 23:52	WG1789425
Dibromomethane	U		0.122	1.00	1	12/14/2021 23:52	WG1789425
1,2-Dibromoethane	U		0.126	1.00	1	12/14/2021 23:52	WG1789425
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	12/14/2021 23:52	WG1789425

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	12/14/2021 23:52	WG1789425
1,4-Dichlorobenzene	U		0.120	1.00	1	12/14/2021 23:52	WG1789425
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	12/14/2021 23:52	WG1789425
1,1-Dichloroethane	U		0.100	1.00	1	12/14/2021 23:52	WG1789425
1,2-Dichloroethane	U		0.0819	1.00	1	12/14/2021 23:52	WG1789425
1,1-Dichloroethene	U		0.188	1.00	1	12/14/2021 23:52	WG1789425
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/14/2021 23:52	WG1789425
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/14/2021 23:52	WG1789425
1,2-Dichloropropane	U		0.149	1.00	1	12/14/2021 23:52	WG1789425
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/14/2021 23:52	WG1789425
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/14/2021 23:52	WG1789425
Ethylbenzene	U		0.137	1.00	1	12/14/2021 23:52	WG1789425
2-Hexanone	U		0.787	10.0	1	12/14/2021 23:52	WG1789425
Iodomethane	U		6.00	10.0	1	12/14/2021 23:52	WG1789425
2-Butanone (MEK)	U		1.19	10.0	1	12/14/2021 23:52	WG1789425
Methylene Chloride	U		0.430	5.00	1	12/14/2021 23:52	WG1789425
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/14/2021 23:52	WG1789425
Styrene	U		0.118	1.00	1	12/14/2021 23:52	WG1789425
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	12/14/2021 23:52	WG1789425
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/14/2021 23:52	WG1789425
Tetrachloroethene	U		0.300	1.00	1	12/14/2021 23:52	WG1789425
Toluene	U		0.278	1.00	1	12/14/2021 23:52	WG1789425
1,1,1-Trichloroethane	U		0.149	1.00	1	12/14/2021 23:52	WG1789425
1,1,2-Trichloroethane	U		0.158	1.00	1	12/14/2021 23:52	WG1789425
Trichloroethene	U		0.190	1.00	1	12/14/2021 23:52	WG1789425
Trichlorofluoromethane	U		0.160	5.00	1	12/14/2021 23:52	WG1789425
1,2,3-Trichloropropane	U		0.237	2.50	1	12/14/2021 23:52	WG1789425
Vinyl acetate	U		0.692	10.0	1	12/14/2021 23:52	WG1789425
Vinyl chloride	U		0.234	1.00	1	12/14/2021 23:52	WG1789425
Xylenes, Total	U		0.174	3.00	1	12/14/2021 23:52	WG1789425
(S) Toluene-d8	97.0			80.0-120		12/14/2021 23:52	WG1789425
(S) 4-Bromofluorobenzene	97.8			77.0-126		12/14/2021 23:52	WG1789425
(S) 1,2-Dichloroethane-d4	101			70.0-130		12/14/2021 23:52	WG1789425

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	652000		10000	1	12/15/2021 14:29	WG1789804

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	98000		379	1000	1	12/24/2021 16:24	WG1794462
Sulfate	28400		594	5000	1	12/24/2021 16:24	WG1794462

Wet Chemistry by Method 9060A

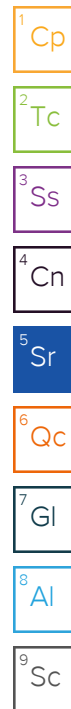
Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	4050		102	1000	1	12/20/2021 22:53	WG1791686

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U	J4	1.03	4.00	1	01/14/2022 15:02	WG1800122
Arsenic	39.6		0.180	2.00	1	01/14/2022 15:02	WG1800122
Barium	593		0.381	2.00	1	01/14/2022 15:02	WG1800122
Beryllium	U		0.190	2.00	1	01/14/2022 15:02	WG1800122
Cadmium	U		0.150	1.00	1	01/14/2022 15:02	WG1800122
Chromium	U		1.24	2.00	1	01/14/2022 15:02	WG1800122
Copper	U		1.51	5.00	1	01/14/2022 15:02	WG1800122
Cobalt	0.850	J	0.0596	2.00	1	01/14/2022 15:02	WG1800122
Iron	23900		28.1	100	1	01/14/2022 15:02	WG1800122
Lead	U		0.849	2.00	1	01/14/2022 15:02	WG1800122
Manganese	1780		0.704	5.00	1	01/14/2022 15:02	WG1800122
Nickel	9.55		0.816	2.00	1	01/14/2022 15:02	WG1800122
Selenium	U		0.300	2.00	1	01/14/2022 15:02	WG1800122
Silver	U		0.0700	2.00	1	01/14/2022 15:02	WG1800122
Thallium	U		0.121	2.00	1	01/14/2022 15:02	WG1800122
Vanadium	U		0.664	5.00	1	01/14/2022 15:02	WG1800122
Zinc	U		3.02	25.0	1	01/14/2022 15:02	WG1800122

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	12/15/2021 00:12	WG1789425
Acrylonitrile	U		0.671	10.0	1	12/15/2021 00:12	WG1789425
Benzene	U		0.0941	1.00	1	12/15/2021 00:12	WG1789425
Bromochloromethane	U		0.128	1.00	1	12/15/2021 00:12	WG1789425
Bromodichloromethane	U		0.136	1.00	1	12/15/2021 00:12	WG1789425
Bromoform	U		0.129	1.00	1	12/15/2021 00:12	WG1789425
Bromomethane	U		0.605	5.00	1	12/15/2021 00:12	WG1789425
Carbon disulfide	U		0.0962	1.00	1	12/15/2021 00:12	WG1789425
Carbon tetrachloride	U		0.128	1.00	1	12/15/2021 00:12	WG1789425
Chlorobenzene	U		0.116	1.00	1	12/15/2021 00:12	WG1789425
Chlorodibromomethane	U		0.140	1.00	1	12/15/2021 00:12	WG1789425
Chloroethane	U		0.192	5.00	1	12/15/2021 00:12	WG1789425
Chloroform	U		0.111	5.00	1	12/15/2021 00:12	WG1789425
Chloromethane	U		0.960	2.50	1	12/15/2021 00:12	WG1789425
Dibromomethane	U		0.122	1.00	1	12/15/2021 00:12	WG1789425
1,2-Dibromoethane	U		0.126	1.00	1	12/15/2021 00:12	WG1789425
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	12/15/2021 00:12	WG1789425



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	12/15/2021 00:12	WG1789425
1,4-Dichlorobenzene	U		0.120	1.00	1	12/15/2021 00:12	WG1789425
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	12/15/2021 00:12	WG1789425
1,1-Dichloroethane	U		0.100	1.00	1	12/15/2021 00:12	WG1789425
1,2-Dichloroethane	U		0.0819	1.00	1	12/15/2021 00:12	WG1789425
1,1-Dichloroethene	U		0.188	1.00	1	12/15/2021 00:12	WG1789425
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/15/2021 00:12	WG1789425
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/15/2021 00:12	WG1789425
1,2-Dichloropropane	U		0.149	1.00	1	12/15/2021 00:12	WG1789425
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/15/2021 00:12	WG1789425
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/15/2021 00:12	WG1789425
Ethylbenzene	U		0.137	1.00	1	12/15/2021 00:12	WG1789425
2-Hexanone	U		0.787	10.0	1	12/15/2021 00:12	WG1789425
Iodomethane	U		6.00	10.0	1	12/15/2021 00:12	WG1789425
2-Butanone (MEK)	U		1.19	10.0	1	12/15/2021 00:12	WG1789425
Methylene Chloride	U		0.430	5.00	1	12/15/2021 00:12	WG1789425
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/15/2021 00:12	WG1789425
Styrene	U		0.118	1.00	1	12/15/2021 00:12	WG1789425
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	12/15/2021 00:12	WG1789425
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/15/2021 00:12	WG1789425
Tetrachloroethene	U		0.300	1.00	1	12/15/2021 00:12	WG1789425
Toluene	U		0.278	1.00	1	12/15/2021 00:12	WG1789425
1,1,1-Trichloroethane	U		0.149	1.00	1	12/15/2021 00:12	WG1789425
1,1,2-Trichloroethane	U		0.158	1.00	1	12/15/2021 00:12	WG1789425
Trichloroethene	U		0.190	1.00	1	12/15/2021 00:12	WG1789425
Trichlorofluoromethane	U		0.160	5.00	1	12/15/2021 00:12	WG1789425
1,2,3-Trichloropropane	U		0.237	2.50	1	12/15/2021 00:12	WG1789425
Vinyl acetate	U		0.692	10.0	1	12/15/2021 00:12	WG1789425
Vinyl chloride	U		0.234	1.00	1	12/15/2021 00:12	WG1789425
Xylenes, Total	U		0.174	3.00	1	12/15/2021 00:12	WG1789425
(S) Toluene-d8	97.9			80.0-120		12/15/2021 00:12	WG1789425
(S) 4-Bromofluorobenzene	97.9			77.0-126		12/15/2021 00:12	WG1789425
(S) 1,2-Dichloroethane-d4	98.1			70.0-130		12/15/2021 00:12	WG1789425

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	276000	J3	10000	1	12/15/2021 14:29	WG1789804

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	17900		379	1000	1	12/24/2021 17:24	WG1794462
Sulfate	13700		594	5000	1	12/24/2021 17:24	WG1794462

Wet Chemistry by Method 9060A

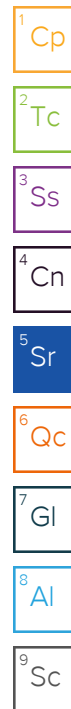
Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	3470		102	1000	1	12/20/2021 23:26	WG1791686

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U	J4	1.03	4.00	1	01/14/2022 15:05	WG1800122
Arsenic	112		0.180	2.00	1	01/14/2022 15:05	WG1800122
Barium	418		0.381	2.00	1	01/14/2022 15:05	WG1800122
Beryllium	U		0.190	2.00	1	01/14/2022 15:05	WG1800122
Cadmium	U		0.150	1.00	1	01/14/2022 15:05	WG1800122
Chromium	3.72		1.24	2.00	1	01/14/2022 15:05	WG1800122
Copper	U		1.51	5.00	1	01/14/2022 15:05	WG1800122
Cobalt	0.468	J	0.0596	2.00	1	01/14/2022 15:05	WG1800122
Iron	18100		28.1	100	1	01/14/2022 15:05	WG1800122
Lead	U		0.849	2.00	1	01/14/2022 15:05	WG1800122
Manganese	1430		0.704	5.00	1	01/14/2022 15:05	WG1800122
Nickel	4.90		0.816	2.00	1	01/14/2022 15:05	WG1800122
Selenium	U		0.300	2.00	1	01/14/2022 15:05	WG1800122
Silver	U		0.0700	2.00	1	01/14/2022 15:05	WG1800122
Thallium	U		0.121	2.00	1	01/14/2022 15:05	WG1800122
Vanadium	U		0.664	5.00	1	01/14/2022 15:05	WG1800122
Zinc	U		3.02	25.0	1	01/14/2022 15:05	WG1800122

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	12/15/2021 00:33	WG1789425
Acrylonitrile	U		0.671	10.0	1	12/15/2021 00:33	WG1789425
Benzene	U		0.0941	1.00	1	12/15/2021 00:33	WG1789425
Bromochloromethane	U		0.128	1.00	1	12/15/2021 00:33	WG1789425
Bromodichloromethane	U		0.136	1.00	1	12/15/2021 00:33	WG1789425
Bromoform	U		0.129	1.00	1	12/15/2021 00:33	WG1789425
Bromomethane	U		0.605	5.00	1	12/15/2021 00:33	WG1789425
Carbon disulfide	U		0.0962	1.00	1	12/15/2021 00:33	WG1789425
Carbon tetrachloride	U		0.128	1.00	1	12/15/2021 00:33	WG1789425
Chlorobenzene	U		0.116	1.00	1	12/15/2021 00:33	WG1789425
Chlorodibromomethane	U		0.140	1.00	1	12/15/2021 00:33	WG1789425
Chloroethane	U		0.192	5.00	1	12/15/2021 00:33	WG1789425
Chloroform	U		0.111	5.00	1	12/15/2021 00:33	WG1789425
Chloromethane	U		0.960	2.50	1	12/15/2021 00:33	WG1789425
Dibromomethane	U		0.122	1.00	1	12/15/2021 00:33	WG1789425
1,2-Dibromoethane	U		0.126	1.00	1	12/15/2021 00:33	WG1789425
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	12/15/2021 00:33	WG1789425



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	12/15/2021 00:33	WG1789425
1,4-Dichlorobenzene	U		0.120	1.00	1	12/15/2021 00:33	WG1789425
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	12/15/2021 00:33	WG1789425
1,1-Dichloroethane	U		0.100	1.00	1	12/15/2021 00:33	WG1789425
1,2-Dichloroethane	U		0.0819	1.00	1	12/15/2021 00:33	WG1789425
1,1-Dichloroethene	U		0.188	1.00	1	12/15/2021 00:33	WG1789425
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/15/2021 00:33	WG1789425
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/15/2021 00:33	WG1789425
1,2-Dichloropropane	U		0.149	1.00	1	12/15/2021 00:33	WG1789425
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/15/2021 00:33	WG1789425
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/15/2021 00:33	WG1789425
Ethylbenzene	U		0.137	1.00	1	12/15/2021 00:33	WG1789425
2-Hexanone	U		0.787	10.0	1	12/15/2021 00:33	WG1789425
Iodomethane	U		6.00	10.0	1	12/15/2021 00:33	WG1789425
2-Butanone (MEK)	U		1.19	10.0	1	12/15/2021 00:33	WG1789425
Methylene Chloride	U		0.430	5.00	1	12/15/2021 00:33	WG1789425
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/15/2021 00:33	WG1789425
Styrene	U		0.118	1.00	1	12/15/2021 00:33	WG1789425
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	12/15/2021 00:33	WG1789425
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/15/2021 00:33	WG1789425
Tetrachloroethene	U		0.300	1.00	1	12/15/2021 00:33	WG1789425
Toluene	U		0.278	1.00	1	12/15/2021 00:33	WG1789425
1,1,1-Trichloroethane	U		0.149	1.00	1	12/15/2021 00:33	WG1789425
1,1,2-Trichloroethane	U		0.158	1.00	1	12/15/2021 00:33	WG1789425
Trichloroethene	U		0.190	1.00	1	12/15/2021 00:33	WG1789425
Trichlorofluoromethane	U		0.160	5.00	1	12/15/2021 00:33	WG1789425
1,2,3-Trichloropropane	U		0.237	2.50	1	12/15/2021 00:33	WG1789425
Vinyl acetate	U		0.692	10.0	1	12/15/2021 00:33	WG1789425
Vinyl chloride	U		0.234	1.00	1	12/15/2021 00:33	WG1789425
Xylenes, Total	U		0.174	3.00	1	12/15/2021 00:33	WG1789425
(S) Toluene-d8	96.1			80.0-120		12/15/2021 00:33	WG1789425
(S) 4-Bromofluorobenzene	97.9			77.0-126		12/15/2021 00:33	WG1789425
(S) 1,2-Dichloroethane-d4	97.4			70.0-130		12/15/2021 00:33	WG1789425

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	340000		10000	1	12/15/2021 14:29	WG1789804

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	7010		379	1000	1	12/24/2021 17:38	WG1794462
Sulfate	42800		594	5000	1	12/24/2021 17:38	WG1794462

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1480	B	102	1000	1	12/18/2021 15:58	WG1791687

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U	J4	1.03	4.00	1	01/14/2022 15:09	WG1800122
Arsenic	118		0.180	2.00	1	01/14/2022 15:09	WG1800122
Barium	448		0.381	2.00	1	01/14/2022 15:09	WG1800122
Beryllium	U		0.190	2.00	1	01/14/2022 15:09	WG1800122
Cadmium	U		0.150	1.00	1	01/14/2022 15:09	WG1800122
Chromium	U		1.24	2.00	1	01/14/2022 15:09	WG1800122
Copper	U		1.51	5.00	1	01/14/2022 15:09	WG1800122
Cobalt	0.859	J	0.0596	2.00	1	01/14/2022 15:09	WG1800122
Iron	17500		28.1	100	1	01/14/2022 15:09	WG1800122
Lead	U		0.849	2.00	1	01/14/2022 15:09	WG1800122
Manganese	2380		0.704	5.00	1	01/14/2022 15:09	WG1800122
Nickel	1.26	J	0.816	2.00	1	01/14/2022 15:09	WG1800122
Selenium	U		0.300	2.00	1	01/14/2022 15:09	WG1800122
Silver	U		0.0700	2.00	1	01/14/2022 15:09	WG1800122
Thallium	U		0.121	2.00	1	01/14/2022 15:09	WG1800122
Vanadium	U		0.664	5.00	1	01/14/2022 15:09	WG1800122
Zinc	U		3.02	25.0	1	01/14/2022 15:09	WG1800122

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	12/15/2021 00:55	WG1789425
Acrylonitrile	U		0.671	10.0	1	12/15/2021 00:55	WG1789425
Benzene	U		0.0941	1.00	1	12/15/2021 00:55	WG1789425
Bromochloromethane	U		0.128	1.00	1	12/15/2021 00:55	WG1789425
Bromodichloromethane	U		0.136	1.00	1	12/15/2021 00:55	WG1789425
Bromoform	U		0.129	1.00	1	12/15/2021 00:55	WG1789425
Bromomethane	U		0.605	5.00	1	12/15/2021 00:55	WG1789425
Carbon disulfide	U		0.0962	1.00	1	12/15/2021 00:55	WG1789425
Carbon tetrachloride	U		0.128	1.00	1	12/15/2021 00:55	WG1789425
Chlorobenzene	U		0.116	1.00	1	12/15/2021 00:55	WG1789425
Chlorodibromomethane	U		0.140	1.00	1	12/15/2021 00:55	WG1789425
Chloroethane	U		0.192	5.00	1	12/15/2021 00:55	WG1789425
Chloroform	U		0.111	5.00	1	12/15/2021 00:55	WG1789425
Chloromethane	U		0.960	2.50	1	12/15/2021 00:55	WG1789425
Dibromomethane	U		0.122	1.00	1	12/15/2021 00:55	WG1789425
1,2-Dibromoethane	U		0.126	1.00	1	12/15/2021 00:55	WG1789425
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	12/15/2021 00:55	WG1789425

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	12/15/2021 00:55	WG1789425
1,4-Dichlorobenzene	U		0.120	1.00	1	12/15/2021 00:55	WG1789425
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	12/15/2021 00:55	WG1789425
1,1-Dichloroethane	U		0.100	1.00	1	12/15/2021 00:55	WG1789425
1,2-Dichloroethane	U		0.0819	1.00	1	12/15/2021 00:55	WG1789425
1,1-Dichloroethene	U		0.188	1.00	1	12/15/2021 00:55	WG1789425
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/15/2021 00:55	WG1789425
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/15/2021 00:55	WG1789425
1,2-Dichloropropane	U		0.149	1.00	1	12/15/2021 00:55	WG1789425
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/15/2021 00:55	WG1789425
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/15/2021 00:55	WG1789425
Ethylbenzene	U		0.137	1.00	1	12/15/2021 00:55	WG1789425
2-Hexanone	U		0.787	10.0	1	12/15/2021 00:55	WG1789425
Iodomethane	U		6.00	10.0	1	12/15/2021 00:55	WG1789425
2-Butanone (MEK)	U		1.19	10.0	1	12/15/2021 00:55	WG1789425
Methylene Chloride	U		0.430	5.00	1	12/15/2021 00:55	WG1789425
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/15/2021 00:55	WG1789425
Styrene	U		0.118	1.00	1	12/15/2021 00:55	WG1789425
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	12/15/2021 00:55	WG1789425
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/15/2021 00:55	WG1789425
Tetrachloroethene	U		0.300	1.00	1	12/15/2021 00:55	WG1789425
Toluene	U		0.278	1.00	1	12/15/2021 00:55	WG1789425
1,1,1-Trichloroethane	U		0.149	1.00	1	12/15/2021 00:55	WG1789425
1,1,2-Trichloroethane	U		0.158	1.00	1	12/15/2021 00:55	WG1789425
Trichloroethene	U		0.190	1.00	1	12/15/2021 00:55	WG1789425
Trichlorofluoromethane	U		0.160	5.00	1	12/15/2021 00:55	WG1789425
1,2,3-Trichloropropane	U		0.237	2.50	1	12/15/2021 00:55	WG1789425
Vinyl acetate	U		0.692	10.0	1	12/15/2021 00:55	WG1789425
Vinyl chloride	U		0.234	1.00	1	12/15/2021 00:55	WG1789425
Xylenes, Total	U		0.174	3.00	1	12/15/2021 00:55	WG1789425
(S) Toluene-d8	95.4			80.0-120		12/15/2021 00:55	WG1789425
(S) 4-Bromofluorobenzene	96.1			77.0-126		12/15/2021 00:55	WG1789425
(S) 1,2-Dichloroethane-d4	97.2			70.0-130		12/15/2021 00:55	WG1789425

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	523000		10000	1	12/15/2021 14:29	WG1789804

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	26000		379	1000	1	12/24/2021 17:53	WG1794462
Sulfate	27800		594	5000	1	12/24/2021 17:53	WG1794462

Wet Chemistry by Method 9060A

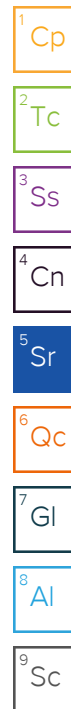
Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	2920		102	1000	1	12/18/2021 16:25	WG1791687

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	2.31	J J4	1.03	4.00	1	01/14/2022 16:00	WG1800122
Arsenic	5.95		0.180	2.00	1	01/14/2022 16:00	WG1800122
Barium	475		0.381	2.00	1	01/14/2022 16:00	WG1800122
Beryllium	U		0.190	2.00	1	01/14/2022 16:00	WG1800122
Cadmium	U		0.150	1.00	1	01/14/2022 16:00	WG1800122
Chromium	18.2		1.24	2.00	1	01/14/2022 16:00	WG1800122
Copper	U		1.51	5.00	1	01/14/2022 16:00	WG1800122
Cobalt	0.785	J	0.0596	2.00	1	01/14/2022 16:00	WG1800122
Iron	16400		28.1	100	1	01/14/2022 16:00	WG1800122
Lead	1.17	J	0.849	2.00	1	01/14/2022 16:00	WG1800122
Manganese	1500		0.704	5.00	1	01/14/2022 16:00	WG1800122
Nickel	12.0		0.816	2.00	1	01/14/2022 16:00	WG1800122
Selenium	U		0.300	2.00	1	01/14/2022 16:00	WG1800122
Silver	U		0.0700	2.00	1	01/14/2022 16:00	WG1800122
Thallium	U		0.121	2.00	1	01/14/2022 16:00	WG1800122
Vanadium	U		0.664	5.00	1	01/14/2022 16:00	WG1800122
Zinc	3.27	B J	3.02	25.0	1	01/14/2022 16:00	WG1800122

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	12/15/2021 01:15	WG1789425
Acrylonitrile	U		0.671	10.0	1	12/15/2021 01:15	WG1789425
Benzene	U		0.0941	1.00	1	12/15/2021 01:15	WG1789425
Bromochloromethane	U		0.128	1.00	1	12/15/2021 01:15	WG1789425
Bromodichloromethane	U		0.136	1.00	1	12/15/2021 01:15	WG1789425
Bromoform	U		0.129	1.00	1	12/15/2021 01:15	WG1789425
Bromomethane	U		0.605	5.00	1	12/15/2021 01:15	WG1789425
Carbon disulfide	U		0.0962	1.00	1	12/15/2021 01:15	WG1789425
Carbon tetrachloride	U		0.128	1.00	1	12/15/2021 01:15	WG1789425
Chlorobenzene	U		0.116	1.00	1	12/15/2021 01:15	WG1789425
Chlorodibromomethane	U		0.140	1.00	1	12/15/2021 01:15	WG1789425
Chloroethane	U		0.192	5.00	1	12/15/2021 01:15	WG1789425
Chloroform	U		0.111	5.00	1	12/15/2021 01:15	WG1789425
Chloromethane	U		0.960	2.50	1	12/15/2021 01:15	WG1789425
Dibromomethane	U		0.122	1.00	1	12/15/2021 01:15	WG1789425
1,2-Dibromoethane	U		0.126	1.00	1	12/15/2021 01:15	WG1789425
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	12/15/2021 01:15	WG1789425



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	12/15/2021 01:15	WG1789425
1,4-Dichlorobenzene	U		0.120	1.00	1	12/15/2021 01:15	WG1789425
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	12/15/2021 01:15	WG1789425
1,1-Dichloroethane	U		0.100	1.00	1	12/15/2021 01:15	WG1789425
1,2-Dichloroethane	U		0.0819	1.00	1	12/15/2021 01:15	WG1789425
1,1-Dichloroethene	U		0.188	1.00	1	12/15/2021 01:15	WG1789425
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/15/2021 01:15	WG1789425
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/15/2021 01:15	WG1789425
1,2-Dichloropropane	U		0.149	1.00	1	12/15/2021 01:15	WG1789425
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/15/2021 01:15	WG1789425
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/15/2021 01:15	WG1789425
Ethylbenzene	U		0.137	1.00	1	12/15/2021 01:15	WG1789425
2-Hexanone	U		0.787	10.0	1	12/15/2021 01:15	WG1789425
Iodomethane	U		6.00	10.0	1	12/15/2021 01:15	WG1789425
2-Butanone (MEK)	U		1.19	10.0	1	12/15/2021 01:15	WG1789425
Methylene Chloride	U		0.430	5.00	1	12/15/2021 01:15	WG1789425
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/15/2021 01:15	WG1789425
Styrene	U		0.118	1.00	1	12/15/2021 01:15	WG1789425
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	12/15/2021 01:15	WG1789425
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/15/2021 01:15	WG1789425
Tetrachloroethene	U		0.300	1.00	1	12/15/2021 01:15	WG1789425
Toluene	U		0.278	1.00	1	12/15/2021 01:15	WG1789425
1,1,1-Trichloroethane	U		0.149	1.00	1	12/15/2021 01:15	WG1789425
1,1,2-Trichloroethane	U		0.158	1.00	1	12/15/2021 01:15	WG1789425
Trichloroethene	U		0.190	1.00	1	12/15/2021 01:15	WG1789425
Trichlorofluoromethane	U		0.160	5.00	1	12/15/2021 01:15	WG1789425
1,2,3-Trichloropropane	U		0.237	2.50	1	12/15/2021 01:15	WG1789425
Vinyl acetate	U		0.692	10.0	1	12/15/2021 01:15	WG1789425
Vinyl chloride	U		0.234	1.00	1	12/15/2021 01:15	WG1789425
Xylenes, Total	U		0.174	3.00	1	12/15/2021 01:15	WG1789425
(S) Toluene-d8	96.8			80.0-120		12/15/2021 01:15	WG1789425
(S) 4-Bromofluorobenzene	98.6			77.0-126		12/15/2021 01:15	WG1789425
(S) 1,2-Dichloroethane-d4	95.3			70.0-130		12/15/2021 01:15	WG1789425

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	236000		10000	1	12/15/2021 16:55	WG1789827

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	2940		379	1000	1	12/24/2021 18:08	WG1794462
Sulfate	20400		594	5000	1	12/24/2021 18:08	WG1794462

Wet Chemistry by Method 9060A

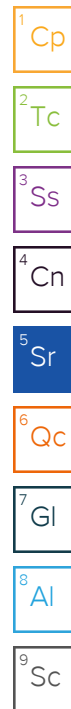
Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1930	B	102	1000	1	12/18/2021 17:23	WG1791687

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U	J4	1.03	4.00	1	01/14/2022 16:04	WG1800122
Arsenic	5.02		0.180	2.00	1	01/14/2022 16:04	WG1800122
Barium	173		0.381	2.00	1	01/14/2022 16:04	WG1800122
Beryllium	U		0.190	2.00	1	01/14/2022 16:04	WG1800122
Cadmium	U		0.150	1.00	1	01/14/2022 16:04	WG1800122
Chromium	2.05		1.24	2.00	1	01/14/2022 16:04	WG1800122
Copper	1.78	J	1.51	5.00	1	01/14/2022 16:04	WG1800122
Cobalt	0.639	J	0.0596	2.00	1	01/14/2022 16:04	WG1800122
Iron	5700		28.1	100	1	01/14/2022 16:04	WG1800122
Lead	0.956	J	0.849	2.00	1	01/14/2022 16:04	WG1800122
Manganese	769		0.704	5.00	1	01/14/2022 16:04	WG1800122
Nickel	2.32		0.816	2.00	1	01/14/2022 16:04	WG1800122
Selenium	1.27	J	0.300	2.00	1	01/14/2022 16:04	WG1800122
Silver	U		0.0700	2.00	1	01/14/2022 16:04	WG1800122
Thallium	U		0.121	2.00	1	01/14/2022 16:04	WG1800122
Vanadium	1.88	J	0.664	5.00	1	01/14/2022 16:04	WG1800122
Zinc	5.53	B J	3.02	25.0	1	01/14/2022 16:04	WG1800122

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	12/15/2021 01:36	WG1789425
Acrylonitrile	U		0.671	10.0	1	12/15/2021 01:36	WG1789425
Benzene	U		0.0941	1.00	1	12/15/2021 01:36	WG1789425
Bromochloromethane	U		0.128	1.00	1	12/15/2021 01:36	WG1789425
Bromodichloromethane	U		0.136	1.00	1	12/15/2021 01:36	WG1789425
Bromoform	U		0.129	1.00	1	12/15/2021 01:36	WG1789425
Bromomethane	U		0.605	5.00	1	12/15/2021 01:36	WG1789425
Carbon disulfide	U		0.0962	1.00	1	12/15/2021 01:36	WG1789425
Carbon tetrachloride	U		0.128	1.00	1	12/15/2021 01:36	WG1789425
Chlorobenzene	U		0.116	1.00	1	12/15/2021 01:36	WG1789425
Chlorodibromomethane	U		0.140	1.00	1	12/15/2021 01:36	WG1789425
Chloroethane	U		0.192	5.00	1	12/15/2021 01:36	WG1789425
Chloroform	U		0.111	5.00	1	12/15/2021 01:36	WG1789425
Chloromethane	U		0.960	2.50	1	12/15/2021 01:36	WG1789425
Dibromomethane	U		0.122	1.00	1	12/15/2021 01:36	WG1789425
1,2-Dibromoethane	U		0.126	1.00	1	12/15/2021 01:36	WG1789425
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	12/15/2021 01:36	WG1789425



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	12/15/2021 01:36	WG1789425
1,4-Dichlorobenzene	U		0.120	1.00	1	12/15/2021 01:36	WG1789425
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	12/15/2021 01:36	WG1789425
1,1-Dichloroethane	U		0.100	1.00	1	12/15/2021 01:36	WG1789425
1,2-Dichloroethane	U		0.0819	1.00	1	12/15/2021 01:36	WG1789425
1,1-Dichloroethene	U		0.188	1.00	1	12/15/2021 01:36	WG1789425
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/15/2021 01:36	WG1789425
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/15/2021 01:36	WG1789425
1,2-Dichloropropane	U		0.149	1.00	1	12/15/2021 01:36	WG1789425
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/15/2021 01:36	WG1789425
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/15/2021 01:36	WG1789425
Ethylbenzene	U		0.137	1.00	1	12/15/2021 01:36	WG1789425
2-Hexanone	U		0.787	10.0	1	12/15/2021 01:36	WG1789425
Iodomethane	U		6.00	10.0	1	12/15/2021 01:36	WG1789425
2-Butanone (MEK)	U		1.19	10.0	1	12/15/2021 01:36	WG1789425
Methylene Chloride	U		0.430	5.00	1	12/15/2021 01:36	WG1789425
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/15/2021 01:36	WG1789425
Styrene	U		0.118	1.00	1	12/15/2021 01:36	WG1789425
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	12/15/2021 01:36	WG1789425
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/15/2021 01:36	WG1789425
Tetrachloroethene	U		0.300	1.00	1	12/15/2021 01:36	WG1789425
Toluene	U		0.278	1.00	1	12/15/2021 01:36	WG1789425
1,1,1-Trichloroethane	U		0.149	1.00	1	12/15/2021 01:36	WG1789425
1,1,2-Trichloroethane	U		0.158	1.00	1	12/15/2021 01:36	WG1789425
Trichloroethene	U		0.190	1.00	1	12/15/2021 01:36	WG1789425
Trichlorofluoromethane	U		0.160	5.00	1	12/15/2021 01:36	WG1789425
1,2,3-Trichloropropane	U		0.237	2.50	1	12/15/2021 01:36	WG1789425
Vinyl acetate	U		0.692	10.0	1	12/15/2021 01:36	WG1789425
Vinyl chloride	U		0.234	1.00	1	12/15/2021 01:36	WG1789425
Xylenes, Total	U		0.174	3.00	1	12/15/2021 01:36	WG1789425
(S) Toluene-d8	96.8			80.0-120		12/15/2021 01:36	WG1789425
(S) 4-Bromofluorobenzene	95.9			77.0-126		12/15/2021 01:36	WG1789425
(S) 1,2-Dichloroethane-d4	96.3			70.0-130		12/15/2021 01:36	WG1789425

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	268000		10000	1	12/15/2021 16:55	WG1789827

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	2540		379	1000	1	12/24/2021 18:23	WG1794462
Sulfate	25200		594	5000	1	12/24/2021 18:23	WG1794462

Wet Chemistry by Method 9060A

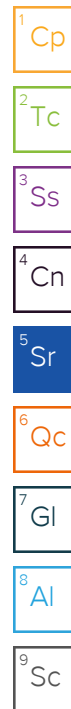
Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1300	B	102	1000	1	12/18/2021 17:40	WG1791687

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U	J4	1.03	4.00	1	01/14/2022 16:07	WG1800122
Arsenic	55.6		0.180	2.00	1	01/14/2022 16:07	WG1800122
Barium	217		0.381	2.00	1	01/14/2022 16:07	WG1800122
Beryllium	U		0.190	2.00	1	01/14/2022 16:07	WG1800122
Cadmium	U		0.150	1.00	1	01/14/2022 16:07	WG1800122
Chromium	7.48		1.24	2.00	1	01/14/2022 16:07	WG1800122
Copper	U		1.51	5.00	1	01/14/2022 16:07	WG1800122
Cobalt	0.227	J	0.0596	2.00	1	01/14/2022 16:07	WG1800122
Iron	13500		28.1	100	1	01/14/2022 16:07	WG1800122
Lead	U		0.849	2.00	1	01/14/2022 16:07	WG1800122
Manganese	1720		0.704	5.00	1	01/14/2022 16:07	WG1800122
Nickel	3.81		0.816	2.00	1	01/14/2022 16:07	WG1800122
Selenium	U		0.300	2.00	1	01/14/2022 16:07	WG1800122
Silver	U		0.0700	2.00	1	01/14/2022 16:07	WG1800122
Thallium	U		0.121	2.00	1	01/14/2022 16:07	WG1800122
Vanadium	0.768	J	0.664	5.00	1	01/14/2022 16:07	WG1800122
Zinc	U		3.02	25.0	1	01/14/2022 16:07	WG1800122

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	12/15/2021 01:56	WG1789425
Acrylonitrile	U		0.671	10.0	1	12/15/2021 01:56	WG1789425
Benzene	U		0.0941	1.00	1	12/15/2021 01:56	WG1789425
Bromochloromethane	U		0.128	1.00	1	12/15/2021 01:56	WG1789425
Bromodichloromethane	U		0.136	1.00	1	12/15/2021 01:56	WG1789425
Bromoform	U		0.129	1.00	1	12/15/2021 01:56	WG1789425
Bromomethane	U		0.605	5.00	1	12/15/2021 01:56	WG1789425
Carbon disulfide	U		0.0962	1.00	1	12/15/2021 01:56	WG1789425
Carbon tetrachloride	U		0.128	1.00	1	12/15/2021 01:56	WG1789425
Chlorobenzene	U		0.116	1.00	1	12/15/2021 01:56	WG1789425
Chlorodibromomethane	U		0.140	1.00	1	12/15/2021 01:56	WG1789425
Chloroethane	U		0.192	5.00	1	12/15/2021 01:56	WG1789425
Chloroform	U		0.111	5.00	1	12/15/2021 01:56	WG1789425
Chloromethane	U		0.960	2.50	1	12/15/2021 01:56	WG1789425
Dibromomethane	U		0.122	1.00	1	12/15/2021 01:56	WG1789425
1,2-Dibromoethane	U		0.126	1.00	1	12/15/2021 01:56	WG1789425
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	12/15/2021 01:56	WG1789425



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	12/15/2021 01:56	WG1789425
1,4-Dichlorobenzene	U		0.120	1.00	1	12/15/2021 01:56	WG1789425
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	12/15/2021 01:56	WG1789425
1,1-Dichloroethane	U		0.100	1.00	1	12/15/2021 01:56	WG1789425
1,2-Dichloroethane	U		0.0819	1.00	1	12/15/2021 01:56	WG1789425
1,1-Dichloroethene	U		0.188	1.00	1	12/15/2021 01:56	WG1789425
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/15/2021 01:56	WG1789425
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/15/2021 01:56	WG1789425
1,2-Dichloropropane	U		0.149	1.00	1	12/15/2021 01:56	WG1789425
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/15/2021 01:56	WG1789425
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/15/2021 01:56	WG1789425
Ethylbenzene	U		0.137	1.00	1	12/15/2021 01:56	WG1789425
2-Hexanone	U		0.787	10.0	1	12/15/2021 01:56	WG1789425
Iodomethane	U		6.00	10.0	1	12/15/2021 01:56	WG1789425
2-Butanone (MEK)	U		1.19	10.0	1	12/15/2021 01:56	WG1789425
Methylene Chloride	U		0.430	5.00	1	12/15/2021 01:56	WG1789425
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/15/2021 01:56	WG1789425
Styrene	U		0.118	1.00	1	12/15/2021 01:56	WG1789425
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	12/15/2021 01:56	WG1789425
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/15/2021 01:56	WG1789425
Tetrachloroethene	U		0.300	1.00	1	12/15/2021 01:56	WG1789425
Toluene	U		0.278	1.00	1	12/15/2021 01:56	WG1789425
1,1,1-Trichloroethane	U		0.149	1.00	1	12/15/2021 01:56	WG1789425
1,1,2-Trichloroethane	U		0.158	1.00	1	12/15/2021 01:56	WG1789425
Trichloroethene	U		0.190	1.00	1	12/15/2021 01:56	WG1789425
Trichlorofluoromethane	U		0.160	5.00	1	12/15/2021 01:56	WG1789425
1,2,3-Trichloropropane	U		0.237	2.50	1	12/15/2021 01:56	WG1789425
Vinyl acetate	U		0.692	10.0	1	12/15/2021 01:56	WG1789425
Vinyl chloride	U		0.234	1.00	1	12/15/2021 01:56	WG1789425
Xylenes, Total	U		0.174	3.00	1	12/15/2021 01:56	WG1789425
(S) Toluene-d8	97.9			80.0-120		12/15/2021 01:56	WG1789425
(S) 4-Bromofluorobenzene	99.1			77.0-126		12/15/2021 01:56	WG1789425
(S) 1,2-Dichloroethane-d4	95.7			70.0-130		12/15/2021 01:56	WG1789425

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	240000		10000	1	12/15/2021 16:55	WG1789827

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	5220		379	1000	1	12/24/2021 18:38	WG1794462
Sulfate	40500		594	5000	1	12/24/2021 18:38	WG1794462

Wet Chemistry by Method 9060A

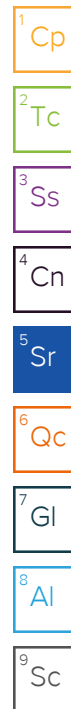
Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	878	B J	102	1000	1	12/18/2021 18:45	WG1791687

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U	J4	1.03	4.00	1	01/14/2022 16:11	WG1800122
Arsenic	34.4		0.180	2.00	1	01/14/2022 16:11	WG1800122
Barium	175		0.381	2.00	1	01/14/2022 16:11	WG1800122
Beryllium	U		0.190	2.00	1	01/14/2022 16:11	WG1800122
Cadmium	U		0.150	1.00	1	01/14/2022 16:11	WG1800122
Chromium	4.98		1.24	2.00	1	01/14/2022 16:11	WG1800122
Copper	4.42	J	1.51	5.00	1	01/14/2022 16:11	WG1800122
Cobalt	1.23	J	0.0596	2.00	1	01/14/2022 16:11	WG1800122
Iron	6410		28.1	100	1	01/14/2022 16:11	WG1800122
Lead	U		0.849	2.00	1	01/14/2022 16:11	WG1800122
Manganese	1580		0.704	5.00	1	01/14/2022 16:11	WG1800122
Nickel	4.86		0.816	2.00	1	01/14/2022 16:11	WG1800122
Selenium	0.351	J	0.300	2.00	1	01/14/2022 16:11	WG1800122
Silver	U		0.0700	2.00	1	01/14/2022 16:11	WG1800122
Thallium	U		0.121	2.00	1	01/14/2022 16:11	WG1800122
Vanadium	U		0.664	5.00	1	01/14/2022 16:11	WG1800122
Zinc	7.60	B J	3.02	25.0	1	01/14/2022 16:11	WG1800122

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	12/15/2021 02:17	WG1789425
Acrylonitrile	U		0.671	10.0	1	12/15/2021 02:17	WG1789425
Benzene	U		0.0941	1.00	1	12/15/2021 02:17	WG1789425
Bromochloromethane	U		0.128	1.00	1	12/15/2021 02:17	WG1789425
Bromodichloromethane	U		0.136	1.00	1	12/15/2021 02:17	WG1789425
Bromoform	U		0.129	1.00	1	12/15/2021 02:17	WG1789425
Bromomethane	U		0.605	5.00	1	12/15/2021 02:17	WG1789425
Carbon disulfide	U		0.0962	1.00	1	12/15/2021 02:17	WG1789425
Carbon tetrachloride	U		0.128	1.00	1	12/15/2021 02:17	WG1789425
Chlorobenzene	U		0.116	1.00	1	12/15/2021 02:17	WG1789425
Chlorodibromomethane	U		0.140	1.00	1	12/15/2021 02:17	WG1789425
Chloroethane	U		0.192	5.00	1	12/15/2021 02:17	WG1789425
Chloroform	U		0.111	5.00	1	12/15/2021 02:17	WG1789425
Chloromethane	U		0.960	2.50	1	12/15/2021 02:17	WG1789425
Dibromomethane	U		0.122	1.00	1	12/15/2021 02:17	WG1789425
1,2-Dibromoethane	U		0.126	1.00	1	12/15/2021 02:17	WG1789425
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	12/15/2021 02:17	WG1789425



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	12/15/2021 02:17	WG1789425
1,4-Dichlorobenzene	U		0.120	1.00	1	12/15/2021 02:17	WG1789425
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	12/15/2021 02:17	WG1789425
1,1-Dichloroethane	U		0.100	1.00	1	12/15/2021 02:17	WG1789425
1,2-Dichloroethane	U		0.0819	1.00	1	12/15/2021 02:17	WG1789425
1,1-Dichloroethene	U		0.188	1.00	1	12/15/2021 02:17	WG1789425
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/15/2021 02:17	WG1789425
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/15/2021 02:17	WG1789425
1,2-Dichloropropane	U		0.149	1.00	1	12/15/2021 02:17	WG1789425
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/15/2021 02:17	WG1789425
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/15/2021 02:17	WG1789425
Ethylbenzene	U		0.137	1.00	1	12/15/2021 02:17	WG1789425
2-Hexanone	U		0.787	10.0	1	12/15/2021 02:17	WG1789425
Iodomethane	U		6.00	10.0	1	12/15/2021 02:17	WG1789425
2-Butanone (MEK)	U		1.19	10.0	1	12/15/2021 02:17	WG1789425
Methylene Chloride	U		0.430	5.00	1	12/15/2021 02:17	WG1789425
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/15/2021 02:17	WG1789425
Styrene	U		0.118	1.00	1	12/15/2021 02:17	WG1789425
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	12/15/2021 02:17	WG1789425
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/15/2021 02:17	WG1789425
Tetrachloroethene	U		0.300	1.00	1	12/15/2021 02:17	WG1789425
Toluene	U		0.278	1.00	1	12/15/2021 02:17	WG1789425
1,1,1-Trichloroethane	U		0.149	1.00	1	12/15/2021 02:17	WG1789425
1,1,2-Trichloroethane	U		0.158	1.00	1	12/15/2021 02:17	WG1789425
Trichloroethene	U		0.190	1.00	1	12/15/2021 02:17	WG1789425
Trichlorofluoromethane	U		0.160	5.00	1	12/15/2021 02:17	WG1789425
1,2,3-Trichloropropane	U		0.237	2.50	1	12/15/2021 02:17	WG1789425
Vinyl acetate	U		0.692	10.0	1	12/15/2021 02:17	WG1789425
Vinyl chloride	U		0.234	1.00	1	12/15/2021 02:17	WG1789425
Xylenes, Total	U		0.174	3.00	1	12/15/2021 02:17	WG1789425
(S) Toluene-d8	97.4			80.0-120		12/15/2021 02:17	WG1789425
(S) 4-Bromofluorobenzene	94.6			77.0-126		12/15/2021 02:17	WG1789425
(S) 1,2-Dichloroethane-d4	97.6			70.0-130		12/15/2021 02:17	WG1789425

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	291000		10000	1	12/15/2021 16:55	WG1789827

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	3470		379	1000	1	12/24/2021 18:53	WG1794462
Sulfate	30100		594	5000	1	12/24/2021 18:53	WG1794462

Wet Chemistry by Method 9060A

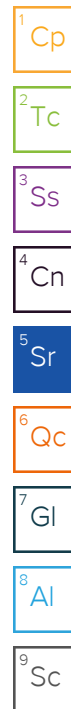
Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1320	B	102	1000	1	12/18/2021 18:58	WG1791687

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U	J4	1.03	4.00	1	01/14/2022 16:14	WG1800122
Arsenic	24.0		0.180	2.00	1	01/14/2022 16:14	WG1800122
Barium	238		0.381	2.00	1	01/14/2022 16:14	WG1800122
Beryllium	U		0.190	2.00	1	01/14/2022 16:14	WG1800122
Cadmium	U		0.150	1.00	1	01/14/2022 16:14	WG1800122
Chromium	1.28	J	1.24	2.00	1	01/14/2022 16:14	WG1800122
Copper	2.21	J	1.51	5.00	1	01/14/2022 16:14	WG1800122
Cobalt	0.118	J	0.0596	2.00	1	01/14/2022 16:14	WG1800122
Iron	13400		28.1	100	1	01/14/2022 16:14	WG1800122
Lead	U		0.849	2.00	1	01/14/2022 16:14	WG1800122
Manganese	1530		0.704	5.00	1	01/14/2022 16:14	WG1800122
Nickel	U		0.816	2.00	1	01/14/2022 16:14	WG1800122
Selenium	U		0.300	2.00	1	01/14/2022 16:14	WG1800122
Silver	U		0.0700	2.00	1	01/14/2022 16:14	WG1800122
Thallium	U		0.121	2.00	1	01/14/2022 16:14	WG1800122
Vanadium	1.51	J	0.664	5.00	1	01/14/2022 16:14	WG1800122
Zinc	3.85	B J	3.02	25.0	1	01/14/2022 16:14	WG1800122

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	12/15/2021 02:38	WG1789425
Acrylonitrile	U		0.671	10.0	1	12/15/2021 02:38	WG1789425
Benzene	U		0.0941	1.00	1	12/15/2021 02:38	WG1789425
Bromochloromethane	U		0.128	1.00	1	12/15/2021 02:38	WG1789425
Bromodichloromethane	U		0.136	1.00	1	12/15/2021 02:38	WG1789425
Bromoform	U		0.129	1.00	1	12/15/2021 02:38	WG1789425
Bromomethane	U		0.605	5.00	1	12/15/2021 02:38	WG1789425
Carbon disulfide	U		0.0962	1.00	1	12/15/2021 02:38	WG1789425
Carbon tetrachloride	U		0.128	1.00	1	12/15/2021 02:38	WG1789425
Chlorobenzene	U		0.116	1.00	1	12/15/2021 02:38	WG1789425
Chlorodibromomethane	U		0.140	1.00	1	12/15/2021 02:38	WG1789425
Chloroethane	U		0.192	5.00	1	12/15/2021 02:38	WG1789425
Chloroform	U		0.111	5.00	1	12/15/2021 02:38	WG1789425
Chloromethane	U		0.960	2.50	1	12/15/2021 02:38	WG1789425
Dibromomethane	U		0.122	1.00	1	12/15/2021 02:38	WG1789425
1,2-Dibromoethane	U		0.126	1.00	1	12/15/2021 02:38	WG1789425
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	12/15/2021 02:38	WG1789425



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	12/15/2021 02:38	WG1789425
1,4-Dichlorobenzene	U		0.120	1.00	1	12/15/2021 02:38	WG1789425
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	12/15/2021 02:38	WG1789425
1,1-Dichloroethane	U		0.100	1.00	1	12/15/2021 02:38	WG1789425
1,2-Dichloroethane	U		0.0819	1.00	1	12/15/2021 02:38	WG1789425
1,1-Dichloroethene	U		0.188	1.00	1	12/15/2021 02:38	WG1789425
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/15/2021 02:38	WG1789425
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/15/2021 02:38	WG1789425
1,2-Dichloropropane	U		0.149	1.00	1	12/15/2021 02:38	WG1789425
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/15/2021 02:38	WG1789425
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/15/2021 02:38	WG1789425
Ethylbenzene	U		0.137	1.00	1	12/15/2021 02:38	WG1789425
2-Hexanone	U		0.787	10.0	1	12/15/2021 02:38	WG1789425
Iodomethane	U		6.00	10.0	1	12/15/2021 02:38	WG1789425
2-Butanone (MEK)	U		1.19	10.0	1	12/15/2021 02:38	WG1789425
Methylene Chloride	U		0.430	5.00	1	12/15/2021 02:38	WG1789425
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/15/2021 02:38	WG1789425
Styrene	U		0.118	1.00	1	12/15/2021 02:38	WG1789425
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	12/15/2021 02:38	WG1789425
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/15/2021 02:38	WG1789425
Tetrachloroethene	U		0.300	1.00	1	12/15/2021 02:38	WG1789425
Toluene	U		0.278	1.00	1	12/15/2021 02:38	WG1789425
1,1,1-Trichloroethane	U		0.149	1.00	1	12/15/2021 02:38	WG1789425
1,1,2-Trichloroethane	U		0.158	1.00	1	12/15/2021 02:38	WG1789425
Trichloroethene	U		0.190	1.00	1	12/15/2021 02:38	WG1789425
Trichlorofluoromethane	U		0.160	5.00	1	12/15/2021 02:38	WG1789425
1,2,3-Trichloropropane	U		0.237	2.50	1	12/15/2021 02:38	WG1789425
Vinyl acetate	U		0.692	10.0	1	12/15/2021 02:38	WG1789425
Vinyl chloride	U		0.234	1.00	1	12/15/2021 02:38	WG1789425
Xylenes, Total	U		0.174	3.00	1	12/15/2021 02:38	WG1789425
(S) Toluene-d8	101			80.0-120		12/15/2021 02:38	WG1789425
(S) 4-Bromofluorobenzene	101			77.0-126		12/15/2021 02:38	WG1789425
(S) 1,2-Dichloroethane-d4	96.3			70.0-130		12/15/2021 02:38	WG1789425

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	298000		10000	1	12/15/2021 14:29	WG1789804

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	2930		379	1000	1	12/24/2021 19:08	WG1794462
Sulfate	37000		594	5000	1	12/24/2021 19:08	WG1794462

Wet Chemistry by Method 9060A

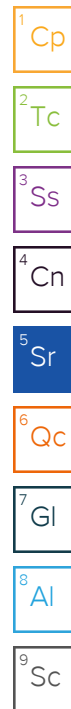
Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1290	B	102	1000	1	12/18/2021 19:46	WG1791687

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U	J4	1.03	4.00	1	01/14/2022 16:17	WG1800122
Arsenic	52.4		0.180	2.00	1	01/14/2022 16:17	WG1800122
Barium	355		0.381	2.00	1	01/14/2022 16:17	WG1800122
Beryllium	U		0.190	2.00	1	01/14/2022 16:17	WG1800122
Cadmium	U		0.150	1.00	1	01/14/2022 16:17	WG1800122
Chromium	U		1.24	2.00	1	01/14/2022 16:17	WG1800122
Copper	1.66	J	1.51	5.00	1	01/14/2022 16:17	WG1800122
Cobalt	0.0822	J	0.0596	2.00	1	01/14/2022 16:17	WG1800122
Iron	11500		28.1	100	1	01/14/2022 16:17	WG1800122
Lead	U		0.849	2.00	1	01/14/2022 16:17	WG1800122
Manganese	2230		0.704	5.00	1	01/14/2022 16:17	WG1800122
Nickel	U		0.816	2.00	1	01/14/2022 16:17	WG1800122
Selenium	U		0.300	2.00	1	01/14/2022 16:17	WG1800122
Silver	U		0.0700	2.00	1	01/14/2022 16:17	WG1800122
Thallium	U		0.121	2.00	1	01/14/2022 16:17	WG1800122
Vanadium	U		0.664	5.00	1	01/14/2022 16:17	WG1800122
Zinc	3.99	B J	3.02	25.0	1	01/14/2022 16:17	WG1800122

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	12/15/2021 02:59	WG1789425
Acrylonitrile	U		0.671	10.0	1	12/15/2021 02:59	WG1789425
Benzene	U		0.0941	1.00	1	12/15/2021 02:59	WG1789425
Bromochloromethane	U		0.128	1.00	1	12/15/2021 02:59	WG1789425
Bromodichloromethane	U		0.136	1.00	1	12/15/2021 02:59	WG1789425
Bromoform	U		0.129	1.00	1	12/15/2021 02:59	WG1789425
Bromomethane	U		0.605	5.00	1	12/15/2021 02:59	WG1789425
Carbon disulfide	U		0.0962	1.00	1	12/15/2021 02:59	WG1789425
Carbon tetrachloride	U		0.128	1.00	1	12/15/2021 02:59	WG1789425
Chlorobenzene	U		0.116	1.00	1	12/15/2021 02:59	WG1789425
Chlorodibromomethane	U		0.140	1.00	1	12/15/2021 02:59	WG1789425
Chloroethane	U		0.192	5.00	1	12/15/2021 02:59	WG1789425
Chloroform	U		0.111	5.00	1	12/15/2021 02:59	WG1789425
Chloromethane	U		0.960	2.50	1	12/15/2021 02:59	WG1789425
Dibromomethane	U		0.122	1.00	1	12/15/2021 02:59	WG1789425
1,2-Dibromoethane	U		0.126	1.00	1	12/15/2021 02:59	WG1789425
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	12/15/2021 02:59	WG1789425



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	12/15/2021 02:59	WG1789425
1,4-Dichlorobenzene	U		0.120	1.00	1	12/15/2021 02:59	WG1789425
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	12/15/2021 02:59	WG1789425
1,1-Dichloroethane	U		0.100	1.00	1	12/15/2021 02:59	WG1789425
1,2-Dichloroethane	U		0.0819	1.00	1	12/15/2021 02:59	WG1789425
1,1-Dichloroethene	U		0.188	1.00	1	12/15/2021 02:59	WG1789425
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/15/2021 02:59	WG1789425
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/15/2021 02:59	WG1789425
1,2-Dichloropropane	U		0.149	1.00	1	12/15/2021 02:59	WG1789425
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/15/2021 02:59	WG1789425
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/15/2021 02:59	WG1789425
Ethylbenzene	U		0.137	1.00	1	12/15/2021 02:59	WG1789425
2-Hexanone	U		0.787	10.0	1	12/15/2021 02:59	WG1789425
Iodomethane	U		6.00	10.0	1	12/15/2021 02:59	WG1789425
2-Butanone (MEK)	U		1.19	10.0	1	12/15/2021 02:59	WG1789425
Methylene Chloride	U		0.430	5.00	1	12/15/2021 02:59	WG1789425
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/15/2021 02:59	WG1789425
Styrene	U		0.118	1.00	1	12/15/2021 02:59	WG1789425
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	12/15/2021 02:59	WG1789425
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/15/2021 02:59	WG1789425
Tetrachloroethene	U		0.300	1.00	1	12/15/2021 02:59	WG1789425
Toluene	U		0.278	1.00	1	12/15/2021 02:59	WG1789425
1,1,1-Trichloroethane	U		0.149	1.00	1	12/15/2021 02:59	WG1789425
1,1,2-Trichloroethane	U		0.158	1.00	1	12/15/2021 02:59	WG1789425
Trichloroethene	U		0.190	1.00	1	12/15/2021 02:59	WG1789425
Trichlorofluoromethane	U		0.160	5.00	1	12/15/2021 02:59	WG1789425
1,2,3-Trichloropropane	U		0.237	2.50	1	12/15/2021 02:59	WG1789425
Vinyl acetate	U		0.692	10.0	1	12/15/2021 02:59	WG1789425
Vinyl chloride	U		0.234	1.00	1	12/15/2021 02:59	WG1789425
Xylenes, Total	U		0.174	3.00	1	12/15/2021 02:59	WG1789425
(S) Toluene-d8	97.1			80.0-120		12/15/2021 02:59	WG1789425
(S) 4-Bromofluorobenzene	97.2			77.0-126		12/15/2021 02:59	WG1789425
(S) 1,2-Dichloroethane-d4	100			70.0-130		12/15/2021 02:59	WG1789425

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	242000		10000	1	12/15/2021 14:29	WG1789804

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	6310		379	1000	1	12/24/2021 19:23	WG1794462
Sulfate	22500		594	5000	1	12/24/2021 19:23	WG1794462

Wet Chemistry by Method 9060A

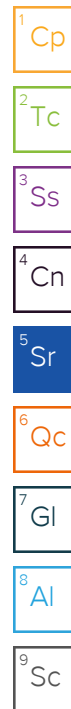
Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1070	B	102	1000	1	12/18/2021 19:59	WG1791687

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U	J4	1.03	4.00	1	01/14/2022 16:21	WG1800122
Arsenic	33.2		0.180	2.00	1	01/14/2022 16:21	WG1800122
Barium	244		0.381	2.00	1	01/14/2022 16:21	WG1800122
Beryllium	U		0.190	2.00	1	01/14/2022 16:21	WG1800122
Cadmium	U		0.150	1.00	1	01/14/2022 16:21	WG1800122
Chromium	1.34	J	1.24	2.00	1	01/14/2022 16:21	WG1800122
Copper	U		1.51	5.00	1	01/14/2022 16:21	WG1800122
Cobalt	1.01	J	0.0596	2.00	1	01/14/2022 16:21	WG1800122
Iron	12800		28.1	100	1	01/14/2022 16:21	WG1800122
Lead	U		0.849	2.00	1	01/14/2022 16:21	WG1800122
Manganese	1270		0.704	5.00	1	01/14/2022 16:21	WG1800122
Nickel	2.66		0.816	2.00	1	01/14/2022 16:21	WG1800122
Selenium	U		0.300	2.00	1	01/14/2022 16:21	WG1800122
Silver	U		0.0700	2.00	1	01/14/2022 16:21	WG1800122
Thallium	U		0.121	2.00	1	01/14/2022 16:21	WG1800122
Vanadium	U		0.664	5.00	1	01/14/2022 16:21	WG1800122
Zinc	4.44	B J	3.02	25.0	1	01/14/2022 16:21	WG1800122

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	12/15/2021 03:20	WG1789425
Acrylonitrile	U		0.671	10.0	1	12/15/2021 03:20	WG1789425
Benzene	U		0.0941	1.00	1	12/15/2021 03:20	WG1789425
Bromochloromethane	U		0.128	1.00	1	12/15/2021 03:20	WG1789425
Bromodichloromethane	U		0.136	1.00	1	12/15/2021 03:20	WG1789425
Bromoform	U		0.129	1.00	1	12/15/2021 03:20	WG1789425
Bromomethane	U		0.605	5.00	1	12/15/2021 03:20	WG1789425
Carbon disulfide	U		0.0962	1.00	1	12/15/2021 03:20	WG1789425
Carbon tetrachloride	U		0.128	1.00	1	12/15/2021 03:20	WG1789425
Chlorobenzene	U		0.116	1.00	1	12/15/2021 03:20	WG1789425
Chlorodibromomethane	U		0.140	1.00	1	12/15/2021 03:20	WG1789425
Chloroethane	U		0.192	5.00	1	12/15/2021 03:20	WG1789425
Chloroform	U		0.111	5.00	1	12/15/2021 03:20	WG1789425
Chloromethane	U		0.960	2.50	1	12/15/2021 03:20	WG1789425
Dibromomethane	U		0.122	1.00	1	12/15/2021 03:20	WG1789425
1,2-Dibromoethane	U		0.126	1.00	1	12/15/2021 03:20	WG1789425
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	12/15/2021 03:20	WG1789425



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	12/15/2021 03:20	WG1789425
1,4-Dichlorobenzene	U		0.120	1.00	1	12/15/2021 03:20	WG1789425
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	12/15/2021 03:20	WG1789425
1,1-Dichloroethane	U		0.100	1.00	1	12/15/2021 03:20	WG1789425
1,2-Dichloroethane	U		0.0819	1.00	1	12/15/2021 03:20	WG1789425
1,1-Dichloroethene	U		0.188	1.00	1	12/15/2021 03:20	WG1789425
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/15/2021 03:20	WG1789425
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/15/2021 03:20	WG1789425
1,2-Dichloropropane	U		0.149	1.00	1	12/15/2021 03:20	WG1789425
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/15/2021 03:20	WG1789425
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/15/2021 03:20	WG1789425
Ethylbenzene	U		0.137	1.00	1	12/15/2021 03:20	WG1789425
2-Hexanone	U		0.787	10.0	1	12/15/2021 03:20	WG1789425
Iodomethane	U		6.00	10.0	1	12/15/2021 03:20	WG1789425
2-Butanone (MEK)	U		1.19	10.0	1	12/15/2021 03:20	WG1789425
Methylene Chloride	U		0.430	5.00	1	12/15/2021 03:20	WG1789425
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/15/2021 03:20	WG1789425
Styrene	U		0.118	1.00	1	12/15/2021 03:20	WG1789425
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	12/15/2021 03:20	WG1789425
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/15/2021 03:20	WG1789425
Tetrachloroethene	U		0.300	1.00	1	12/15/2021 03:20	WG1789425
Toluene	U		0.278	1.00	1	12/15/2021 03:20	WG1789425
1,1,1-Trichloroethane	U		0.149	1.00	1	12/15/2021 03:20	WG1789425
1,1,2-Trichloroethane	U		0.158	1.00	1	12/15/2021 03:20	WG1789425
Trichloroethene	U		0.190	1.00	1	12/15/2021 03:20	WG1789425
Trichlorofluoromethane	U		0.160	5.00	1	12/15/2021 03:20	WG1789425
1,2,3-Trichloropropane	U		0.237	2.50	1	12/15/2021 03:20	WG1789425
Vinyl acetate	U		0.692	10.0	1	12/15/2021 03:20	WG1789425
Vinyl chloride	U		0.234	1.00	1	12/15/2021 03:20	WG1789425
Xylenes, Total	U		0.174	3.00	1	12/15/2021 03:20	WG1789425
(S) Toluene-d8	94.7			80.0-120		12/15/2021 03:20	WG1789425
(S) 4-Bromofluorobenzene	95.8			77.0-126		12/15/2021 03:20	WG1789425
(S) 1,2-Dichloroethane-d4	101			70.0-130		12/15/2021 03:20	WG1789425

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	317000		10000	1	12/15/2021 14:29	WG1789804

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	4630		379	1000	1	12/24/2021 20:08	WG1794462
Sulfate	39100		594	5000	1	12/24/2021 20:08	WG1794462

Wet Chemistry by Method 9060A

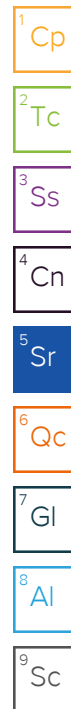
Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1290	B	102	1000	1	12/18/2021 20:12	WG1791687

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U	J4	1.03	4.00	1	01/14/2022 16:24	WG1800122
Arsenic	37.8		0.180	2.00	1	01/14/2022 16:24	WG1800122
Barium	428		0.381	2.00	1	01/14/2022 16:24	WG1800122
Beryllium	U		0.190	2.00	1	01/14/2022 16:24	WG1800122
Cadmium	U		0.150	1.00	1	01/14/2022 16:24	WG1800122
Chromium	4.41		1.24	2.00	1	01/14/2022 16:24	WG1800122
Copper	5.02		1.51	5.00	1	01/14/2022 16:24	WG1800122
Cobalt	1.06	J	0.0596	2.00	1	01/14/2022 16:24	WG1800122
Iron	17500		28.1	100	1	01/14/2022 16:24	WG1800122
Lead	U		0.849	2.00	1	01/14/2022 16:24	WG1800122
Manganese	1330		0.704	5.00	1	01/14/2022 16:24	WG1800122
Nickel	3.58		0.816	2.00	1	01/14/2022 16:24	WG1800122
Selenium	U		0.300	2.00	1	01/14/2022 16:24	WG1800122
Silver	U		0.0700	2.00	1	01/14/2022 16:24	WG1800122
Thallium	U		0.121	2.00	1	01/14/2022 16:24	WG1800122
Vanadium	U		0.664	5.00	1	01/14/2022 16:24	WG1800122
Zinc	5.20	B J	3.02	25.0	1	01/14/2022 16:24	WG1800122

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	12/15/2021 03:41	WG1789425
Acrylonitrile	U		0.671	10.0	1	12/15/2021 03:41	WG1789425
Benzene	U		0.0941	1.00	1	12/15/2021 03:41	WG1789425
Bromochloromethane	U		0.128	1.00	1	12/15/2021 03:41	WG1789425
Bromodichloromethane	U		0.136	1.00	1	12/15/2021 03:41	WG1789425
Bromoform	U		0.129	1.00	1	12/15/2021 03:41	WG1789425
Bromomethane	U		0.605	5.00	1	12/15/2021 03:41	WG1789425
Carbon disulfide	U		0.0962	1.00	1	12/15/2021 03:41	WG1789425
Carbon tetrachloride	U		0.128	1.00	1	12/15/2021 03:41	WG1789425
Chlorobenzene	U		0.116	1.00	1	12/15/2021 03:41	WG1789425
Chlorodibromomethane	U		0.140	1.00	1	12/15/2021 03:41	WG1789425
Chloroethane	U		0.192	5.00	1	12/15/2021 03:41	WG1789425
Chloroform	U		0.111	5.00	1	12/15/2021 03:41	WG1789425
Chloromethane	U		0.960	2.50	1	12/15/2021 03:41	WG1789425
Dibromomethane	U		0.122	1.00	1	12/15/2021 03:41	WG1789425
1,2-Dibromoethane	U		0.126	1.00	1	12/15/2021 03:41	WG1789425
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	12/15/2021 03:41	WG1789425



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	12/15/2021 03:41	WG1789425
1,4-Dichlorobenzene	U		0.120	1.00	1	12/15/2021 03:41	WG1789425
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	12/15/2021 03:41	WG1789425
1,1-Dichloroethane	U		0.100	1.00	1	12/15/2021 03:41	WG1789425
1,2-Dichloroethane	U		0.0819	1.00	1	12/15/2021 03:41	WG1789425
1,1-Dichloroethene	U		0.188	1.00	1	12/15/2021 03:41	WG1789425
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/15/2021 03:41	WG1789425
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/15/2021 03:41	WG1789425
1,2-Dichloropropane	U		0.149	1.00	1	12/15/2021 03:41	WG1789425
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/15/2021 03:41	WG1789425
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/15/2021 03:41	WG1789425
Ethylbenzene	U		0.137	1.00	1	12/15/2021 03:41	WG1789425
2-Hexanone	U		0.787	10.0	1	12/15/2021 03:41	WG1789425
Iodomethane	U		6.00	10.0	1	12/15/2021 03:41	WG1789425
2-Butanone (MEK)	U		1.19	10.0	1	12/15/2021 03:41	WG1789425
Methylene Chloride	U		0.430	5.00	1	12/15/2021 03:41	WG1789425
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/15/2021 03:41	WG1789425
Styrene	U		0.118	1.00	1	12/15/2021 03:41	WG1789425
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	12/15/2021 03:41	WG1789425
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/15/2021 03:41	WG1789425
Tetrachloroethene	U		0.300	1.00	1	12/15/2021 03:41	WG1789425
Toluene	U		0.278	1.00	1	12/15/2021 03:41	WG1789425
1,1,1-Trichloroethane	U		0.149	1.00	1	12/15/2021 03:41	WG1789425
1,1,2-Trichloroethane	U		0.158	1.00	1	12/15/2021 03:41	WG1789425
Trichloroethene	U		0.190	1.00	1	12/15/2021 03:41	WG1789425
Trichlorofluoromethane	U		0.160	5.00	1	12/15/2021 03:41	WG1789425
1,2,3-Trichloropropane	U		0.237	2.50	1	12/15/2021 03:41	WG1789425
Vinyl acetate	U		0.692	10.0	1	12/15/2021 03:41	WG1789425
Vinyl chloride	U		0.234	1.00	1	12/15/2021 03:41	WG1789425
Xylenes, Total	U		0.174	3.00	1	12/15/2021 03:41	WG1789425
(S) Toluene-d8	95.8			80.0-120		12/15/2021 03:41	WG1789425
(S) 4-Bromofluorobenzene	93.6			77.0-126		12/15/2021 03:41	WG1789425
(S) 1,2-Dichloroethane-d4	96.9			70.0-130		12/15/2021 03:41	WG1789425

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	457000		10000	1	12/15/2021 14:29	WG1789804

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	5180		379	1000	1	12/24/2021 20:22	WG1794462
Sulfate	86900		594	5000	1	12/24/2021 20:22	WG1794462

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1100	B	102	1000	1	12/18/2021 20:39	WG1791687

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U	J4	1.03	4.00	1	01/14/2022 16:27	WG1800122
Arsenic	10.2		0.180	2.00	1	01/14/2022 16:27	WG1800122
Barium	447		0.381	2.00	1	01/14/2022 16:27	WG1800122
Beryllium	U		0.190	2.00	1	01/14/2022 16:27	WG1800122
Cadmium	U		0.150	1.00	1	01/14/2022 16:27	WG1800122
Chromium	U		1.24	2.00	1	01/14/2022 16:27	WG1800122
Copper	2.16	J	1.51	5.00	1	01/14/2022 16:27	WG1800122
Cobalt	0.784	J	0.0596	2.00	1	01/14/2022 16:27	WG1800122
Iron	12100		28.1	100	1	01/14/2022 16:27	WG1800122
Lead	U		0.849	2.00	1	01/14/2022 16:27	WG1800122
Manganese	1510		0.704	5.00	1	01/14/2022 16:27	WG1800122
Nickel	2.21		0.816	2.00	1	01/14/2022 16:27	WG1800122
Selenium	0.408	J	0.300	2.00	1	01/14/2022 16:27	WG1800122
Silver	U		0.0700	2.00	1	01/14/2022 16:27	WG1800122
Thallium	U		0.121	2.00	1	01/14/2022 16:27	WG1800122
Vanadium	U		0.664	5.00	1	01/14/2022 16:27	WG1800122
Zinc	5.93	B J	3.02	25.0	1	01/14/2022 16:27	WG1800122

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	12/15/2021 04:02	WG1789425
Acrylonitrile	U		0.671	10.0	1	12/15/2021 04:02	WG1789425
Benzene	U		0.0941	1.00	1	12/15/2021 04:02	WG1789425
Bromochloromethane	U		0.128	1.00	1	12/15/2021 04:02	WG1789425
Bromodichloromethane	U		0.136	1.00	1	12/15/2021 04:02	WG1789425
Bromoform	U		0.129	1.00	1	12/15/2021 04:02	WG1789425
Bromomethane	U		0.605	5.00	1	12/15/2021 04:02	WG1789425
Carbon disulfide	U		0.0962	1.00	1	12/15/2021 04:02	WG1789425
Carbon tetrachloride	U		0.128	1.00	1	12/15/2021 04:02	WG1789425
Chlorobenzene	U		0.116	1.00	1	12/15/2021 04:02	WG1789425
Chlorodibromomethane	U		0.140	1.00	1	12/15/2021 04:02	WG1789425
Chloroethane	U		0.192	5.00	1	12/15/2021 04:02	WG1789425
Chloroform	U		0.111	5.00	1	12/15/2021 04:02	WG1789425
Chloromethane	U		0.960	2.50	1	12/15/2021 04:02	WG1789425
Dibromomethane	U		0.122	1.00	1	12/15/2021 04:02	WG1789425
1,2-Dibromoethane	U		0.126	1.00	1	12/15/2021 04:02	WG1789425
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	12/15/2021 04:02	WG1789425

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	12/15/2021 04:02	WG1789425
1,4-Dichlorobenzene	U		0.120	1.00	1	12/15/2021 04:02	WG1789425
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	12/15/2021 04:02	WG1789425
1,1-Dichloroethane	U		0.100	1.00	1	12/15/2021 04:02	WG1789425
1,2-Dichloroethane	U		0.0819	1.00	1	12/15/2021 04:02	WG1789425
1,1-Dichloroethene	U		0.188	1.00	1	12/15/2021 04:02	WG1789425
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/15/2021 04:02	WG1789425
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/15/2021 04:02	WG1789425
1,2-Dichloropropane	U		0.149	1.00	1	12/15/2021 04:02	WG1789425
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/15/2021 04:02	WG1789425
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/15/2021 04:02	WG1789425
Ethylbenzene	U		0.137	1.00	1	12/15/2021 04:02	WG1789425
2-Hexanone	U		0.787	10.0	1	12/15/2021 04:02	WG1789425
Iodomethane	U		6.00	10.0	1	12/15/2021 04:02	WG1789425
2-Butanone (MEK)	U		1.19	10.0	1	12/15/2021 04:02	WG1789425
Methylene Chloride	U		0.430	5.00	1	12/15/2021 04:02	WG1789425
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/15/2021 04:02	WG1789425
Styrene	U		0.118	1.00	1	12/15/2021 04:02	WG1789425
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	12/15/2021 04:02	WG1789425
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/15/2021 04:02	WG1789425
Tetrachloroethene	U		0.300	1.00	1	12/15/2021 04:02	WG1789425
Toluene	U		0.278	1.00	1	12/15/2021 04:02	WG1789425
1,1,1-Trichloroethane	U		0.149	1.00	1	12/15/2021 04:02	WG1789425
1,1,2-Trichloroethane	U		0.158	1.00	1	12/15/2021 04:02	WG1789425
Trichloroethene	U		0.190	1.00	1	12/15/2021 04:02	WG1789425
Trichlorofluoromethane	U		0.160	5.00	1	12/15/2021 04:02	WG1789425
1,2,3-Trichloropropane	U		0.237	2.50	1	12/15/2021 04:02	WG1789425
Vinyl acetate	U		0.692	10.0	1	12/15/2021 04:02	WG1789425
Vinyl chloride	U		0.234	1.00	1	12/15/2021 04:02	WG1789425
Xylenes, Total	U		0.174	3.00	1	12/15/2021 04:02	WG1789425
(S) Toluene-d8	97.4			80.0-120		12/15/2021 04:02	WG1789425
(S) 4-Bromofluorobenzene	98.1			77.0-126		12/15/2021 04:02	WG1789425
(S) 1,2-Dichloroethane-d4	96.8			70.0-130		12/15/2021 04:02	WG1789425

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	249000		10000	1	12/14/2021 18:03	WG1789219

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	1140		379	1000	1	12/24/2021 20:37	WG1794462
Sulfate	17700		594	5000	1	12/24/2021 20:37	WG1794462

Wet Chemistry by Method 9060A

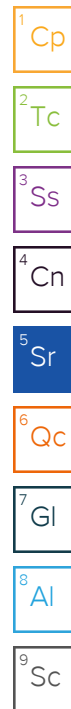
Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1510	B	102	1000	1	12/18/2021 21:39	WG1791687

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U	J4	1.03	4.00	1	01/14/2022 16:31	WG1800122
Arsenic	4.71		0.180	2.00	1	01/14/2022 16:31	WG1800122
Barium	221		0.381	2.00	1	01/14/2022 16:31	WG1800122
Beryllium	U		0.190	2.00	1	01/14/2022 16:31	WG1800122
Cadmium	U		0.150	1.00	1	01/14/2022 16:31	WG1800122
Chromium	U		1.24	2.00	1	01/14/2022 16:31	WG1800122
Copper	U		1.51	5.00	1	01/14/2022 16:31	WG1800122
Cobalt	0.210	J	0.0596	2.00	1	01/14/2022 16:31	WG1800122
Iron	7910		28.1	100	1	01/14/2022 16:31	WG1800122
Lead	U		0.849	2.00	1	01/14/2022 16:31	WG1800122
Manganese	1430		0.704	5.00	1	01/14/2022 16:31	WG1800122
Nickel	0.921	J	0.816	2.00	1	01/14/2022 16:31	WG1800122
Selenium	U		0.300	2.00	1	01/14/2022 16:31	WG1800122
Silver	U		0.0700	2.00	1	01/14/2022 16:31	WG1800122
Thallium	U		0.121	2.00	1	01/14/2022 16:31	WG1800122
Vanadium	U		0.664	5.00	1	01/14/2022 16:31	WG1800122
Zinc	5.76	B J	3.02	25.0	1	01/14/2022 16:31	WG1800122

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	12/15/2021 04:23	WG1789425
Acrylonitrile	U		0.671	10.0	1	12/15/2021 04:23	WG1789425
Benzene	U		0.0941	1.00	1	12/15/2021 04:23	WG1789425
Bromochloromethane	U		0.128	1.00	1	12/15/2021 04:23	WG1789425
Bromodichloromethane	U		0.136	1.00	1	12/15/2021 04:23	WG1789425
Bromoform	U		0.129	1.00	1	12/15/2021 04:23	WG1789425
Bromomethane	U		0.605	5.00	1	12/15/2021 04:23	WG1789425
Carbon disulfide	U		0.0962	1.00	1	12/15/2021 04:23	WG1789425
Carbon tetrachloride	U		0.128	1.00	1	12/15/2021 04:23	WG1789425
Chlorobenzene	U		0.116	1.00	1	12/15/2021 04:23	WG1789425
Chlorodibromomethane	U		0.140	1.00	1	12/15/2021 04:23	WG1789425
Chloroethane	U		0.192	5.00	1	12/15/2021 04:23	WG1789425
Chloroform	U		0.111	5.00	1	12/15/2021 04:23	WG1789425
Chloromethane	U		0.960	2.50	1	12/15/2021 04:23	WG1789425
Dibromomethane	U		0.122	1.00	1	12/15/2021 04:23	WG1789425
1,2-Dibromoethane	U		0.126	1.00	1	12/15/2021 04:23	WG1789425
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	12/15/2021 04:23	WG1789425



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	12/15/2021 04:23	WG1789425
1,4-Dichlorobenzene	U		0.120	1.00	1	12/15/2021 04:23	WG1789425
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	12/15/2021 04:23	WG1789425
1,1-Dichloroethane	U		0.100	1.00	1	12/15/2021 04:23	WG1789425
1,2-Dichloroethane	U		0.0819	1.00	1	12/15/2021 04:23	WG1789425
1,1-Dichloroethene	U		0.188	1.00	1	12/15/2021 04:23	WG1789425
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/15/2021 04:23	WG1789425
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/15/2021 04:23	WG1789425
1,2-Dichloropropane	U		0.149	1.00	1	12/15/2021 04:23	WG1789425
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/15/2021 04:23	WG1789425
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/15/2021 04:23	WG1789425
Ethylbenzene	U		0.137	1.00	1	12/15/2021 04:23	WG1789425
2-Hexanone	U		0.787	10.0	1	12/15/2021 04:23	WG1789425
Iodomethane	U		6.00	10.0	1	12/15/2021 04:23	WG1789425
2-Butanone (MEK)	U		1.19	10.0	1	12/15/2021 04:23	WG1789425
Methylene Chloride	U		0.430	5.00	1	12/15/2021 04:23	WG1789425
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/15/2021 04:23	WG1789425
Styrene	U		0.118	1.00	1	12/15/2021 04:23	WG1789425
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	12/15/2021 04:23	WG1789425
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/15/2021 04:23	WG1789425
Tetrachloroethene	U		0.300	1.00	1	12/15/2021 04:23	WG1789425
Toluene	U		0.278	1.00	1	12/15/2021 04:23	WG1789425
1,1,1-Trichloroethane	U		0.149	1.00	1	12/15/2021 04:23	WG1789425
1,1,2-Trichloroethane	U		0.158	1.00	1	12/15/2021 04:23	WG1789425
Trichloroethene	U		0.190	1.00	1	12/15/2021 04:23	WG1789425
Trichlorofluoromethane	U		0.160	5.00	1	12/15/2021 04:23	WG1789425
1,2,3-Trichloropropane	U		0.237	2.50	1	12/15/2021 04:23	WG1789425
Vinyl acetate	U		0.692	10.0	1	12/15/2021 04:23	WG1789425
Vinyl chloride	U		0.234	1.00	1	12/15/2021 04:23	WG1789425
Xylenes, Total	U		0.174	3.00	1	12/15/2021 04:23	WG1789425
(S) Toluene-d8	98.4			80.0-120		12/15/2021 04:23	WG1789425
(S) 4-Bromofluorobenzene	98.3			77.0-126		12/15/2021 04:23	WG1789425
(S) 1,2-Dichloroethane-d4	103			70.0-130		12/15/2021 04:23	WG1789425

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	294000		10000	1	12/14/2021 18:03	WG1789219

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	3220		379	1000	1	12/24/2021 20:52	WG1794462
Sulfate	19100		594	5000	1	12/24/2021 20:52	WG1794462

Wet Chemistry by Method 9060A

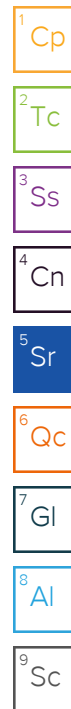
Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1020	B	102	1000	1	12/18/2021 21:52	WG1791687

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		1.03	4.00	1	01/14/2022 11:35	WG1800124
Arsenic	29.2		0.180	2.00	1	01/14/2022 11:35	WG1800124
Barium	608		0.381	2.00	1	01/14/2022 11:35	WG1800124
Beryllium	U		0.190	2.00	1	01/14/2022 11:35	WG1800124
Cadmium	U		0.150	1.00	1	01/14/2022 11:35	WG1800124
Chromium	U		1.24	2.00	1	01/14/2022 11:35	WG1800124
Copper	U		1.51	5.00	1	01/14/2022 11:35	WG1800124
Cobalt	U		0.0596	2.00	1	01/14/2022 11:35	WG1800124
Iron	10800		28.1	100	1	01/14/2022 11:35	WG1800124
Lead	U		0.849	2.00	1	01/14/2022 11:35	WG1800124
Manganese	1700		0.704	5.00	1	01/14/2022 11:35	WG1800124
Nickel	U		0.816	2.00	1	01/14/2022 11:35	WG1800124
Selenium	U		0.300	2.00	1	01/14/2022 11:35	WG1800124
Silver	U		0.0700	2.00	1	01/14/2022 11:35	WG1800124
Thallium	U		0.121	2.00	1	01/14/2022 11:35	WG1800124
Vanadium	U		0.664	5.00	1	01/14/2022 11:35	WG1800124
Zinc	U		3.02	25.0	1	01/14/2022 11:35	WG1800124

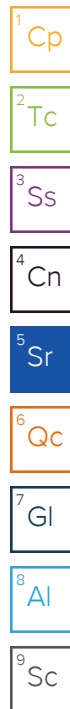
Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	12/15/2021 04:44	WG1789425
Acrylonitrile	U		0.671	10.0	1	12/15/2021 04:44	WG1789425
Benzene	U		0.0941	1.00	1	12/15/2021 04:44	WG1789425
Bromochloromethane	U		0.128	1.00	1	12/15/2021 04:44	WG1789425
Bromodichloromethane	U		0.136	1.00	1	12/15/2021 04:44	WG1789425
Bromoform	U		0.129	1.00	1	12/15/2021 04:44	WG1789425
Bromomethane	U		0.605	5.00	1	12/15/2021 04:44	WG1789425
Carbon disulfide	U		0.0962	1.00	1	12/15/2021 04:44	WG1789425
Carbon tetrachloride	U		0.128	1.00	1	12/15/2021 04:44	WG1789425
Chlorobenzene	U		0.116	1.00	1	12/15/2021 04:44	WG1789425
Chlorodibromomethane	U		0.140	1.00	1	12/15/2021 04:44	WG1789425
Chloroethane	U		0.192	5.00	1	12/15/2021 04:44	WG1789425
Chloroform	U		0.111	5.00	1	12/15/2021 04:44	WG1789425
Chloromethane	U		0.960	2.50	1	12/15/2021 04:44	WG1789425
Dibromomethane	U		0.122	1.00	1	12/15/2021 04:44	WG1789425
1,2-Dibromoethane	U		0.126	1.00	1	12/15/2021 04:44	WG1789425
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	12/15/2021 04:44	WG1789425



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	12/15/2021 04:44	WG1789425
1,4-Dichlorobenzene	U		0.120	1.00	1	12/15/2021 04:44	WG1789425
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	12/15/2021 04:44	WG1789425
1,1-Dichloroethane	U		0.100	1.00	1	12/15/2021 04:44	WG1789425
1,2-Dichloroethane	U		0.0819	1.00	1	12/15/2021 04:44	WG1789425
1,1-Dichloroethene	U		0.188	1.00	1	12/15/2021 04:44	WG1789425
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/15/2021 04:44	WG1789425
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/15/2021 04:44	WG1789425
1,2-Dichloropropane	U		0.149	1.00	1	12/15/2021 04:44	WG1789425
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/15/2021 04:44	WG1789425
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/15/2021 04:44	WG1789425
Ethylbenzene	U		0.137	1.00	1	12/15/2021 04:44	WG1789425
2-Hexanone	U		0.787	10.0	1	12/15/2021 04:44	WG1789425
Iodomethane	U		6.00	10.0	1	12/15/2021 04:44	WG1789425
2-Butanone (MEK)	U		1.19	10.0	1	12/15/2021 04:44	WG1789425
Methylene Chloride	U		0.430	5.00	1	12/15/2021 04:44	WG1789425
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/15/2021 04:44	WG1789425
Styrene	U		0.118	1.00	1	12/15/2021 04:44	WG1789425
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	12/15/2021 04:44	WG1789425
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/15/2021 04:44	WG1789425
Tetrachloroethene	U		0.300	1.00	1	12/15/2021 04:44	WG1789425
Toluene	U		0.278	1.00	1	12/15/2021 04:44	WG1789425
1,1,1-Trichloroethane	U		0.149	1.00	1	12/15/2021 04:44	WG1789425
1,1,2-Trichloroethane	U		0.158	1.00	1	12/15/2021 04:44	WG1789425
Trichloroethene	U		0.190	1.00	1	12/15/2021 04:44	WG1789425
Trichlorofluoromethane	U		0.160	5.00	1	12/15/2021 04:44	WG1789425
1,2,3-Trichloropropane	U		0.237	2.50	1	12/15/2021 04:44	WG1789425
Vinyl acetate	U		0.692	10.0	1	12/15/2021 04:44	WG1789425
Vinyl chloride	U		0.234	1.00	1	12/15/2021 04:44	WG1789425
Xylenes, Total	U		0.174	3.00	1	12/15/2021 04:44	WG1789425
(S) Toluene-d8	95.5			80.0-120		12/15/2021 04:44	WG1789425
(S) 4-Bromofluorobenzene	99.4			77.0-126		12/15/2021 04:44	WG1789425
(S) 1,2-Dichloroethane-d4	104			70.0-130		12/15/2021 04:44	WG1789425



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	294000		10000	1	12/14/2021 19:25	WG1789344

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	3200		379	1000	1	12/24/2021 21:37	WG1794462
Sulfate	27200		594	5000	1	12/24/2021 21:37	WG1794462

Wet Chemistry by Method 9060A

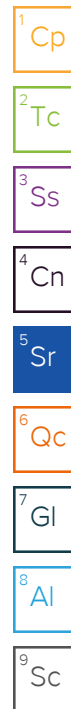
Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1200	B	102	1000	1	12/18/2021 22:43	WG1791687

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		1.03	4.00	1	01/14/2022 11:38	WG1800124
Arsenic	33.0		0.180	2.00	1	01/14/2022 11:38	WG1800124
Barium	397		0.381	2.00	1	01/14/2022 11:38	WG1800124
Beryllium	U		0.190	2.00	1	01/14/2022 11:38	WG1800124
Cadmium	U		0.150	1.00	1	01/14/2022 11:38	WG1800124
Chromium	U		1.24	2.00	1	01/14/2022 11:38	WG1800124
Copper	U		1.51	5.00	1	01/14/2022 11:38	WG1800124
Cobalt	0.0688	J	0.0596	2.00	1	01/14/2022 11:38	WG1800124
Iron	11400		28.1	100	1	01/14/2022 11:38	WG1800124
Lead	U		0.849	2.00	1	01/14/2022 11:38	WG1800124
Manganese	2470		0.704	5.00	1	01/14/2022 11:38	WG1800124
Nickel	U		0.816	2.00	1	01/14/2022 11:38	WG1800124
Selenium	U		0.300	2.00	1	01/14/2022 11:38	WG1800124
Silver	U		0.0700	2.00	1	01/14/2022 11:38	WG1800124
Thallium	U		0.121	2.00	1	01/14/2022 11:38	WG1800124
Vanadium	U		0.664	5.00	1	01/14/2022 11:38	WG1800124
Zinc	U		3.02	25.0	1	01/14/2022 11:38	WG1800124

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	12/15/2021 05:05	WG1789425
Acrylonitrile	U		0.671	10.0	1	12/15/2021 05:05	WG1789425
Benzene	U		0.0941	1.00	1	12/15/2021 05:05	WG1789425
Bromochloromethane	U		0.128	1.00	1	12/15/2021 05:05	WG1789425
Bromodichloromethane	U		0.136	1.00	1	12/15/2021 05:05	WG1789425
Bromoform	U		0.129	1.00	1	12/15/2021 05:05	WG1789425
Bromomethane	U		0.605	5.00	1	12/15/2021 05:05	WG1789425
Carbon disulfide	U		0.0962	1.00	1	12/15/2021 05:05	WG1789425
Carbon tetrachloride	U		0.128	1.00	1	12/15/2021 05:05	WG1789425
Chlorobenzene	U		0.116	1.00	1	12/15/2021 05:05	WG1789425
Chlorodibromomethane	U		0.140	1.00	1	12/15/2021 05:05	WG1789425
Chloroethane	U		0.192	5.00	1	12/15/2021 05:05	WG1789425
Chloroform	U		0.111	5.00	1	12/15/2021 05:05	WG1789425
Chloromethane	U		0.960	2.50	1	12/15/2021 05:05	WG1789425
Dibromomethane	U		0.122	1.00	1	12/15/2021 05:05	WG1789425
1,2-Dibromoethane	U		0.126	1.00	1	12/15/2021 05:05	WG1789425
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	12/15/2021 05:05	WG1789425



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	12/15/2021 05:05	WG1789425
1,4-Dichlorobenzene	U		0.120	1.00	1	12/15/2021 05:05	WG1789425
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	12/15/2021 05:05	WG1789425
1,1-Dichloroethane	U		0.100	1.00	1	12/15/2021 05:05	WG1789425
1,2-Dichloroethane	U		0.0819	1.00	1	12/15/2021 05:05	WG1789425
1,1-Dichloroethene	U		0.188	1.00	1	12/15/2021 05:05	WG1789425
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/15/2021 05:05	WG1789425
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/15/2021 05:05	WG1789425
1,2-Dichloropropane	U		0.149	1.00	1	12/15/2021 05:05	WG1789425
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/15/2021 05:05	WG1789425
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/15/2021 05:05	WG1789425
Ethylbenzene	U		0.137	1.00	1	12/15/2021 05:05	WG1789425
2-Hexanone	U		0.787	10.0	1	12/15/2021 05:05	WG1789425
Iodomethane	U		6.00	10.0	1	12/15/2021 05:05	WG1789425
2-Butanone (MEK)	U		1.19	10.0	1	12/15/2021 05:05	WG1789425
Methylene Chloride	U		0.430	5.00	1	12/15/2021 05:05	WG1789425
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/15/2021 05:05	WG1789425
Styrene	U		0.118	1.00	1	12/15/2021 05:05	WG1789425
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	12/15/2021 05:05	WG1789425
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/15/2021 05:05	WG1789425
Tetrachloroethene	U		0.300	1.00	1	12/15/2021 05:05	WG1789425
Toluene	U		0.278	1.00	1	12/15/2021 05:05	WG1789425
1,1,1-Trichloroethane	U		0.149	1.00	1	12/15/2021 05:05	WG1789425
1,1,2-Trichloroethane	U		0.158	1.00	1	12/15/2021 05:05	WG1789425
Trichloroethene	U		0.190	1.00	1	12/15/2021 05:05	WG1789425
Trichlorofluoromethane	U		0.160	5.00	1	12/15/2021 05:05	WG1789425
1,2,3-Trichloropropane	U		0.237	2.50	1	12/15/2021 05:05	WG1789425
Vinyl acetate	U		0.692	10.0	1	12/15/2021 05:05	WG1789425
Vinyl chloride	U		0.234	1.00	1	12/15/2021 05:05	WG1789425
Xylenes, Total	U		0.174	3.00	1	12/15/2021 05:05	WG1789425
(S) Toluene-d8	99.3			80.0-120		12/15/2021 05:05	WG1789425
(S) 4-Bromofluorobenzene	99.9			77.0-126		12/15/2021 05:05	WG1789425
(S) 1,2-Dichloroethane-d4	101			70.0-130		12/15/2021 05:05	WG1789425

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	293000		10000	1	12/14/2021 18:03	WG1789219

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	5320		379	1000	1	12/24/2021 21:52	WG1794462
Sulfate	24300		594	5000	1	12/24/2021 21:52	WG1794462

Wet Chemistry by Method 9060A

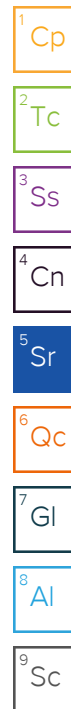
Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1950	B	102	1000	1	12/18/2021 22:57	WG1791687

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		1.03	4.00	1	01/14/2022 11:42	WG1800124
Arsenic	7.69		0.180	2.00	1	01/14/2022 11:42	WG1800124
Barium	260		0.381	2.00	1	01/14/2022 11:42	WG1800124
Beryllium	U		0.190	2.00	1	01/14/2022 11:42	WG1800124
Cadmium	U		0.150	1.00	1	01/14/2022 11:42	WG1800124
Chromium	U		1.24	2.00	1	01/14/2022 11:42	WG1800124
Copper	U		1.51	5.00	1	01/14/2022 11:42	WG1800124
Cobalt	0.894	J	0.0596	2.00	1	01/14/2022 11:42	WG1800124
Iron	9220		28.1	100	1	01/14/2022 11:42	WG1800124
Lead	U		0.849	2.00	1	01/14/2022 11:42	WG1800124
Manganese	1300		0.704	5.00	1	01/14/2022 11:42	WG1800124
Nickel	1.59	J	0.816	2.00	1	01/14/2022 11:42	WG1800124
Selenium	U		0.300	2.00	1	01/14/2022 11:42	WG1800124
Silver	U		0.0700	2.00	1	01/14/2022 11:42	WG1800124
Thallium	U		0.121	2.00	1	01/14/2022 11:42	WG1800124
Vanadium	U		0.664	5.00	1	01/14/2022 11:42	WG1800124
Zinc	4.58	J	3.02	25.0	1	01/14/2022 11:42	WG1800124

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	12/15/2021 05:26	WG1789425
Acrylonitrile	U		0.671	10.0	1	12/15/2021 05:26	WG1789425
Benzene	U		0.0941	1.00	1	12/15/2021 05:26	WG1789425
Bromochloromethane	U		0.128	1.00	1	12/15/2021 05:26	WG1789425
Bromodichloromethane	U		0.136	1.00	1	12/15/2021 05:26	WG1789425
Bromoform	U		0.129	1.00	1	12/15/2021 05:26	WG1789425
Bromomethane	U		0.605	5.00	1	12/15/2021 05:26	WG1789425
Carbon disulfide	U		0.0962	1.00	1	12/15/2021 05:26	WG1789425
Carbon tetrachloride	U		0.128	1.00	1	12/15/2021 05:26	WG1789425
Chlorobenzene	U		0.116	1.00	1	12/15/2021 05:26	WG1789425
Chlorodibromomethane	U		0.140	1.00	1	12/15/2021 05:26	WG1789425
Chloroethane	U		0.192	5.00	1	12/15/2021 05:26	WG1789425
Chloroform	U		0.111	5.00	1	12/15/2021 05:26	WG1789425
Chloromethane	U		0.960	2.50	1	12/15/2021 05:26	WG1789425
Dibromomethane	U		0.122	1.00	1	12/15/2021 05:26	WG1789425
1,2-Dibromoethane	U		0.126	1.00	1	12/15/2021 05:26	WG1789425
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	12/15/2021 05:26	WG1789425



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	12/15/2021 05:26	WG1789425
1,4-Dichlorobenzene	U		0.120	1.00	1	12/15/2021 05:26	WG1789425
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	12/15/2021 05:26	WG1789425
1,1-Dichloroethane	U		0.100	1.00	1	12/15/2021 05:26	WG1789425
1,2-Dichloroethane	U		0.0819	1.00	1	12/15/2021 05:26	WG1789425
1,1-Dichloroethene	U		0.188	1.00	1	12/15/2021 05:26	WG1789425
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/15/2021 05:26	WG1789425
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/15/2021 05:26	WG1789425
1,2-Dichloropropane	U		0.149	1.00	1	12/15/2021 05:26	WG1789425
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/15/2021 05:26	WG1789425
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/15/2021 05:26	WG1789425
Ethylbenzene	U		0.137	1.00	1	12/15/2021 05:26	WG1789425
2-Hexanone	U		0.787	10.0	1	12/15/2021 05:26	WG1789425
Iodomethane	U		6.00	10.0	1	12/15/2021 05:26	WG1789425
2-Butanone (MEK)	U		1.19	10.0	1	12/15/2021 05:26	WG1789425
Methylene Chloride	U		0.430	5.00	1	12/15/2021 05:26	WG1789425
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/15/2021 05:26	WG1789425
Styrene	U		0.118	1.00	1	12/15/2021 05:26	WG1789425
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	12/15/2021 05:26	WG1789425
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/15/2021 05:26	WG1789425
Tetrachloroethene	U		0.300	1.00	1	12/15/2021 05:26	WG1789425
Toluene	U		0.278	1.00	1	12/15/2021 05:26	WG1789425
1,1,1-Trichloroethane	U		0.149	1.00	1	12/15/2021 05:26	WG1789425
1,1,2-Trichloroethane	U		0.158	1.00	1	12/15/2021 05:26	WG1789425
Trichloroethene	U		0.190	1.00	1	12/15/2021 05:26	WG1789425
Trichlorofluoromethane	U		0.160	5.00	1	12/15/2021 05:26	WG1789425
1,2,3-Trichloropropane	U		0.237	2.50	1	12/15/2021 05:26	WG1789425
Vinyl acetate	U		0.692	10.0	1	12/15/2021 05:26	WG1789425
Vinyl chloride	U		0.234	1.00	1	12/15/2021 05:26	WG1789425
Xylenes, Total	U		0.174	3.00	1	12/15/2021 05:26	WG1789425
(S) Toluene-d8	96.2			80.0-120		12/15/2021 05:26	WG1789425
(S) 4-Bromofluorobenzene	100			77.0-126		12/15/2021 05:26	WG1789425
(S) 1,2-Dichloroethane-d4	97.8			70.0-130		12/15/2021 05:26	WG1789425

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	321000		10000	1	12/14/2021 19:25	WG1794344

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	4740		379	1000	1	12/24/2021 22:07	WG1794462
Sulfate	33500		594	5000	1	12/24/2021 22:07	WG1794462

Wet Chemistry by Method 9060A

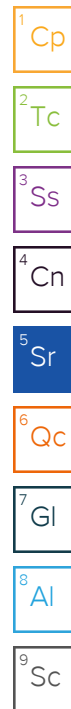
Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1400	B	102	1000	1	12/18/2021 23:15	WG1791687

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		1.03	4.00	1	01/14/2022 11:20	WG1800124
Arsenic	55.4		0.180	2.00	1	01/14/2022 11:20	WG1800124
Barium	381		0.381	2.00	1	01/14/2022 11:20	WG1800124
Beryllium	U		0.190	2.00	1	01/14/2022 11:20	WG1800124
Cadmium	U		0.150	1.00	1	01/14/2022 11:20	WG1800124
Chromium	U		1.24	2.00	1	01/14/2022 11:20	WG1800124
Copper	U		1.51	5.00	1	01/14/2022 11:20	WG1800124
Cobalt	1.19	J	0.0596	2.00	1	01/14/2022 11:20	WG1800124
Iron	15800		28.1	100	1	01/14/2022 11:20	WG1800124
Lead	U		0.849	2.00	1	01/14/2022 11:20	WG1800124
Manganese	1580		0.704	5.00	1	01/14/2022 11:20	WG1800124
Nickel	1.80	J	0.816	2.00	1	01/14/2022 11:20	WG1800124
Selenium	U		0.300	2.00	1	01/14/2022 11:20	WG1800124
Silver	U		0.0700	2.00	1	01/14/2022 11:20	WG1800124
Thallium	U		0.121	2.00	1	01/14/2022 11:20	WG1800124
Vanadium	U		0.664	5.00	1	01/14/2022 11:20	WG1800124
Zinc	3.28	J	3.02	25.0	1	01/14/2022 11:20	WG1800124

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	12/15/2021 05:47	WG1789425
Acrylonitrile	U		0.671	10.0	1	12/15/2021 05:47	WG1789425
Benzene	U		0.0941	1.00	1	12/15/2021 05:47	WG1789425
Bromochloromethane	U		0.128	1.00	1	12/15/2021 05:47	WG1789425
Bromodichloromethane	U		0.136	1.00	1	12/15/2021 05:47	WG1789425
Bromoform	U		0.129	1.00	1	12/15/2021 05:47	WG1789425
Bromomethane	U		0.605	5.00	1	12/15/2021 05:47	WG1789425
Carbon disulfide	U		0.0962	1.00	1	12/15/2021 05:47	WG1789425
Carbon tetrachloride	U		0.128	1.00	1	12/15/2021 05:47	WG1789425
Chlorobenzene	U		0.116	1.00	1	12/15/2021 05:47	WG1789425
Chlorodibromomethane	U		0.140	1.00	1	12/15/2021 05:47	WG1789425
Chloroethane	U		0.192	5.00	1	12/15/2021 05:47	WG1789425
Chloroform	U		0.111	5.00	1	12/15/2021 05:47	WG1789425
Chloromethane	U		0.960	2.50	1	12/15/2021 05:47	WG1789425
Dibromomethane	U		0.122	1.00	1	12/15/2021 05:47	WG1789425
1,2-Dibromoethane	U		0.126	1.00	1	12/15/2021 05:47	WG1789425
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	12/15/2021 05:47	WG1789425



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	12/15/2021 05:47	WG1789425
1,4-Dichlorobenzene	U		0.120	1.00	1	12/15/2021 05:47	WG1789425
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	12/15/2021 05:47	WG1789425
1,1-Dichloroethane	U		0.100	1.00	1	12/15/2021 05:47	WG1789425
1,2-Dichloroethane	U		0.0819	1.00	1	12/15/2021 05:47	WG1789425
1,1-Dichloroethene	U		0.188	1.00	1	12/15/2021 05:47	WG1789425
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/15/2021 05:47	WG1789425
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/15/2021 05:47	WG1789425
1,2-Dichloropropane	U		0.149	1.00	1	12/15/2021 05:47	WG1789425
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/15/2021 05:47	WG1789425
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/15/2021 05:47	WG1789425
Ethylbenzene	U		0.137	1.00	1	12/15/2021 05:47	WG1789425
2-Hexanone	U		0.787	10.0	1	12/15/2021 05:47	WG1789425
Iodomethane	U		6.00	10.0	1	12/15/2021 05:47	WG1789425
2-Butanone (MEK)	U		1.19	10.0	1	12/15/2021 05:47	WG1789425
Methylene Chloride	U		0.430	5.00	1	12/15/2021 05:47	WG1789425
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/15/2021 05:47	WG1789425
Styrene	U		0.118	1.00	1	12/15/2021 05:47	WG1789425
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	12/15/2021 05:47	WG1789425
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/15/2021 05:47	WG1789425
Tetrachloroethene	U		0.300	1.00	1	12/15/2021 05:47	WG1789425
Toluene	U		0.278	1.00	1	12/15/2021 05:47	WG1789425
1,1,1-Trichloroethane	U		0.149	1.00	1	12/15/2021 05:47	WG1789425
1,1,2-Trichloroethane	U		0.158	1.00	1	12/15/2021 05:47	WG1789425
Trichloroethene	U		0.190	1.00	1	12/15/2021 05:47	WG1789425
Trichlorofluoromethane	U		0.160	5.00	1	12/15/2021 05:47	WG1789425
1,2,3-Trichloropropane	U		0.237	2.50	1	12/15/2021 05:47	WG1789425
Vinyl acetate	U		0.692	10.0	1	12/15/2021 05:47	WG1789425
Vinyl chloride	U		0.234	1.00	1	12/15/2021 05:47	WG1789425
Xylenes, Total	U		0.174	3.00	1	12/15/2021 05:47	WG1789425
(S) Toluene-d8	96.9			80.0-120		12/15/2021 05:47	WG1789425
(S) 4-Bromofluorobenzene	100			77.0-126		12/15/2021 05:47	WG1789425
(S) 1,2-Dichloroethane-d4	105			70.0-130		12/15/2021 05:47	WG1789425

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	402000		10000	1	12/14/2021 21:57	WG1789218

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	1920		379	1000	1	12/24/2021 22:22	WG1794462
Sulfate	3600	J	594	5000	1	12/24/2021 22:22	WG1794462

Wet Chemistry by Method 9060A

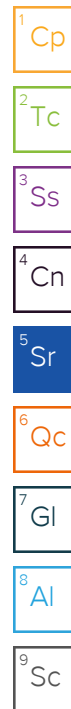
Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1220	B	102	1000	1	12/18/2021 23:29	WG1791687

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		1.03	4.00	1	01/14/2022 11:45	WG1800124
Arsenic	90.9		0.180	2.00	1	01/14/2022 11:45	WG1800124
Barium	287		0.381	2.00	1	01/14/2022 11:45	WG1800124
Beryllium	U		0.190	2.00	1	01/14/2022 11:45	WG1800124
Cadmium	1.62		0.150	1.00	1	01/14/2022 11:45	WG1800124
Chromium	U		1.24	2.00	1	01/14/2022 11:45	WG1800124
Copper	U		1.51	5.00	1	01/14/2022 11:45	WG1800124
Cobalt	0.170	J	0.0596	2.00	1	01/14/2022 11:45	WG1800124
Iron	6060		28.1	100	1	01/14/2022 11:45	WG1800124
Lead	U		0.849	2.00	1	01/14/2022 11:45	WG1800124
Manganese	2700		0.704	5.00	1	01/14/2022 11:45	WG1800124
Nickel	U		0.816	2.00	1	01/14/2022 11:45	WG1800124
Selenium	U		0.300	2.00	1	01/14/2022 11:45	WG1800124
Silver	U		0.0700	2.00	1	01/14/2022 11:45	WG1800124
Thallium	U		0.121	2.00	1	01/14/2022 11:45	WG1800124
Vanadium	U		0.664	5.00	1	01/14/2022 11:45	WG1800124
Zinc	11.8	J	3.02	25.0	1	01/14/2022 11:45	WG1800124

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	12/15/2021 06:08	WG1789425
Acrylonitrile	U		0.671	10.0	1	12/15/2021 06:08	WG1789425
Benzene	U		0.0941	1.00	1	12/15/2021 06:08	WG1789425
Bromochloromethane	U		0.128	1.00	1	12/15/2021 06:08	WG1789425
Bromodichloromethane	U		0.136	1.00	1	12/15/2021 06:08	WG1789425
Bromoform	U		0.129	1.00	1	12/15/2021 06:08	WG1789425
Bromomethane	U		0.605	5.00	1	12/15/2021 06:08	WG1789425
Carbon disulfide	U		0.0962	1.00	1	12/15/2021 06:08	WG1789425
Carbon tetrachloride	U		0.128	1.00	1	12/15/2021 06:08	WG1789425
Chlorobenzene	U		0.116	1.00	1	12/15/2021 06:08	WG1789425
Chlorodibromomethane	U		0.140	1.00	1	12/15/2021 06:08	WG1789425
Chloroethane	U		0.192	5.00	1	12/15/2021 06:08	WG1789425
Chloroform	U		0.111	5.00	1	12/15/2021 06:08	WG1789425
Chloromethane	U		0.960	2.50	1	12/15/2021 06:08	WG1789425
Dibromomethane	U		0.122	1.00	1	12/15/2021 06:08	WG1789425
1,2-Dibromoethane	U		0.126	1.00	1	12/15/2021 06:08	WG1789425
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	12/15/2021 06:08	WG1789425



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	12/15/2021 06:08	WG1789425
1,4-Dichlorobenzene	U		0.120	1.00	1	12/15/2021 06:08	WG1789425
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	12/15/2021 06:08	WG1789425
1,1-Dichloroethane	U		0.100	1.00	1	12/15/2021 06:08	WG1789425
1,2-Dichloroethane	U		0.0819	1.00	1	12/15/2021 06:08	WG1789425
1,1-Dichloroethene	U		0.188	1.00	1	12/15/2021 06:08	WG1789425
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/15/2021 06:08	WG1789425
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/15/2021 06:08	WG1789425
1,2-Dichloropropane	U		0.149	1.00	1	12/15/2021 06:08	WG1789425
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/15/2021 06:08	WG1789425
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/15/2021 06:08	WG1789425
Ethylbenzene	U		0.137	1.00	1	12/15/2021 06:08	WG1789425
2-Hexanone	U		0.787	10.0	1	12/15/2021 06:08	WG1789425
Iodomethane	U		6.00	10.0	1	12/15/2021 06:08	WG1789425
2-Butanone (MEK)	U		1.19	10.0	1	12/15/2021 06:08	WG1789425
Methylene Chloride	U		0.430	5.00	1	12/15/2021 06:08	WG1789425
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/15/2021 06:08	WG1789425
Styrene	U		0.118	1.00	1	12/15/2021 06:08	WG1789425
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	12/15/2021 06:08	WG1789425
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/15/2021 06:08	WG1789425
Tetrachloroethene	U		0.300	1.00	1	12/15/2021 06:08	WG1789425
Toluene	U		0.278	1.00	1	12/15/2021 06:08	WG1789425
1,1,1-Trichloroethane	U		0.149	1.00	1	12/15/2021 06:08	WG1789425
1,1,2-Trichloroethane	U		0.158	1.00	1	12/15/2021 06:08	WG1789425
Trichloroethene	U		0.190	1.00	1	12/15/2021 06:08	WG1789425
Trichlorofluoromethane	U		0.160	5.00	1	12/15/2021 06:08	WG1789425
1,2,3-Trichloropropane	U		0.237	2.50	1	12/15/2021 06:08	WG1789425
Vinyl acetate	U		0.692	10.0	1	12/15/2021 06:08	WG1789425
Vinyl chloride	U		0.234	1.00	1	12/15/2021 06:08	WG1789425
Xylenes, Total	U		0.174	3.00	1	12/15/2021 06:08	WG1789425
(S) Toluene-d8	94.8			80.0-120		12/15/2021 06:08	WG1789425
(S) 4-Bromofluorobenzene	98.4			77.0-126		12/15/2021 06:08	WG1789425
(S) 1,2-Dichloroethane-d4	101			70.0-130		12/15/2021 06:08	WG1789425

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

LEACHATE-1

Collected date/time: 12/10/21 12:00

SAMPLE RESULTS - 21

L1441656

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4010000		100000	1	12/15/2021 14:29	WG1789804

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	1750000		7580	20000	20	12/28/2021 22:20	WG1795754
Sulfate	U		11900	100000	20	12/28/2021 22:20	WG1795754

Wet Chemistry by Method 9060A

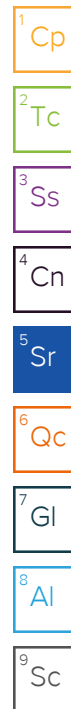
Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	319000		1020	10000	10	12/18/2021 23:55	WG1791687

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		5.15	20.0	5	01/13/2022 16:35	WG1801154
Arsenic	173		0.900	10.0	5	01/13/2022 16:35	WG1801154
Barium	2000		1.90	10.0	5	01/13/2022 16:35	WG1801154
Beryllium	U		0.950	10.0	5	01/13/2022 16:35	WG1801154
Cadmium	U		0.750	5.00	5	01/13/2022 16:35	WG1801154
Chromium	44.7		6.20	10.0	5	01/13/2022 16:35	WG1801154
Copper	U		7.55	25.0	5	01/13/2022 16:35	WG1801154
Cobalt	43.9		0.298	10.0	5	01/13/2022 16:35	WG1801154
Iron	7640		140	500	5	01/13/2022 16:35	WG1801154
Lead	U		4.24	10.0	5	01/13/2022 16:35	WG1801154
Manganese	439		3.52	25.0	5	01/13/2022 16:35	WG1801154
Nickel	281		4.08	10.0	5	01/13/2022 16:35	WG1801154
Selenium	1.86	J	1.50	10.0	5	01/13/2022 19:22	WG1801154
Silver	U		0.350	10.0	5	01/13/2022 16:35	WG1801154
Thallium	U		0.605	10.0	5	01/13/2022 16:35	WG1801154
Vanadium	39.3		3.32	25.0	5	01/13/2022 16:35	WG1801154
Zinc	U		15.1	125	5	01/13/2022 16:35	WG1801154

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		113	500	10	12/15/2021 16:31	WG1789903
Acrylonitrile	U		6.71	100	10	12/15/2021 16:31	WG1789903
Benzene	2.54	J	0.941	10.0	10	12/15/2021 16:31	WG1789903
Bromochloromethane	U		1.28	10.0	10	12/15/2021 16:31	WG1789903
Bromodichloromethane	U		1.36	10.0	10	12/15/2021 16:31	WG1789903
Bromoform	U		1.29	10.0	10	12/15/2021 16:31	WG1789903
Bromomethane	U		6.05	50.0	10	12/15/2021 16:31	WG1789903
Carbon disulfide	U		0.962	10.0	10	12/15/2021 16:31	WG1789903
Carbon tetrachloride	U		1.28	10.0	10	12/15/2021 16:31	WG1789903
Chlorobenzene	U		1.16	10.0	10	12/15/2021 16:31	WG1789903
Chlorodibromomethane	U		1.40	10.0	10	12/15/2021 16:31	WG1789903
Chloroethane	U		1.92	50.0	10	12/15/2021 16:31	WG1789903
Chloroform	U		1.11	50.0	10	12/15/2021 16:31	WG1789903
Chloromethane	U		9.60	25.0	10	12/15/2021 16:31	WG1789903
Dibromomethane	U		1.22	10.0	10	12/15/2021 16:31	WG1789903
1,2-Dibromoethane	U		1.26	10.0	10	12/15/2021 16:31	WG1789903
1,2-Dibromo-3-Chloropropane	U		2.76	50.0	10	12/15/2021 16:31	WG1789903



ACCOUNT:

FTN Associates - Little Rock, AR

PROJECT:

04355-2494-001

SDG:

L1441656

DATE/TIME:

01/17/22 17:09

PAGE:

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LEACHATE-1

Collected date/time: 12/10/21 12:00

SAMPLE RESULTS - 21

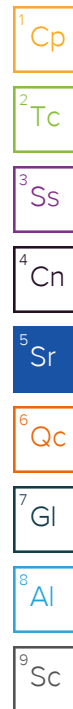
L1441656

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		1.07	10.0	10	12/15/2021 16:31	WG1789903
1,4-Dichlorobenzene	U		1.20	10.0	10	12/15/2021 16:31	WG1789903
trans-1,4-Dichloro-2-butene	U		4.67	25.0	10	12/15/2021 16:31	WG1789903
1,1-Dichloroethane	U		1.00	10.0	10	12/15/2021 16:31	WG1789903
1,2-Dichloroethane	U		0.819	10.0	10	12/15/2021 16:31	WG1789903
1,1-Dichloroethene	U		1.88	10.0	10	12/15/2021 16:31	WG1789903
cis-1,2-Dichloroethene	U		1.26	10.0	10	12/15/2021 16:31	WG1789903
trans-1,2-Dichloroethene	U		1.49	10.0	10	12/15/2021 16:31	WG1789903
1,2-Dichloropropane	U		1.49	10.0	10	12/15/2021 16:31	WG1789903
cis-1,3-Dichloropropene	U		1.11	10.0	10	12/15/2021 16:31	WG1789903
trans-1,3-Dichloropropene	U		1.18	10.0	10	12/15/2021 16:31	WG1789903
Ethylbenzene	U		1.37	10.0	10	12/15/2021 16:31	WG1789903
2-Hexanone	U		7.87	100	10	12/15/2021 16:31	WG1789903
Iodomethane	U		60.0	100	10	12/15/2021 16:31	WG1789903
2-Butanone (MEK)	U		11.9	100	10	12/15/2021 16:31	WG1789903
Methylene Chloride	U		4.30	50.0	10	12/15/2021 16:31	WG1789903
4-Methyl-2-pentanone (MIBK)	U		4.78	100	10	12/15/2021 16:31	WG1789903
Styrene	U		1.18	10.0	10	12/15/2021 16:31	WG1789903
1,1,1,2-Tetrachloroethane	U		1.47	10.0	10	12/15/2021 16:31	WG1789903
1,1,2,2-Tetrachloroethane	U		1.33	10.0	10	12/15/2021 16:31	WG1789903
Tetrachloroethene	U		3.00	10.0	10	12/15/2021 16:31	WG1789903
Toluene	U		2.78	10.0	10	12/15/2021 16:31	WG1789903
1,1,1-Trichloroethane	U		1.49	10.0	10	12/15/2021 16:31	WG1789903
1,1,2-Trichloroethane	U		1.58	10.0	10	12/15/2021 16:31	WG1789903
Trichloroethene	U		1.90	10.0	10	12/15/2021 16:31	WG1789903
Trichlorofluoromethane	U		1.60	50.0	10	12/15/2021 16:31	WG1789903
1,2,3-Trichloropropane	U		2.37	25.0	10	12/15/2021 16:31	WG1789903
Vinyl acetate	U		6.92	100	10	12/15/2021 16:31	WG1789903
Vinyl chloride	U		2.34	10.0	10	12/15/2021 16:31	WG1789903
Xylenes, Total	3.75	<u>U</u>	1.74	30.0	10	12/15/2021 16:31	WG1789903
(S) Toluene-d8	103			80.0-120		12/15/2021 16:31	WG1789903
(S) 4-Bromofluorobenzene	97.4			77.0-126		12/15/2021 16:31	WG1789903
(S) 1,2-Dichloroethane-d4	96.9			70.0-130		12/15/2021 16:31	WG1789903

Sample Narrative:

L1441656-21 WG1789903: Lowest possible dilution due to sample foaming.



LEACHATE-2

Collected date/time: 12/10/21 12:20

SAMPLE RESULTS - 22

L1441656

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2530000		50000	1	12/15/2021 14:29	WG1789804

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	587000		3790	10000	10	12/28/2021 22:33	WG1795754
Sulfate	U		5940	50000	10	12/28/2021 22:33	WG1795754

Wet Chemistry by Method 9060A

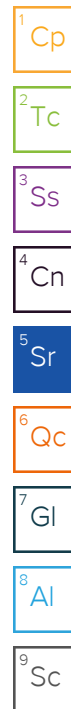
Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	169000		510	5000	5	12/19/2021 00:20	WG1791687

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	2.72	J	1.03	4.00	1	01/13/2022 16:39	WG1801154
Arsenic	207		0.180	2.00	1	01/13/2022 16:39	WG1801154
Barium	3890		0.381	2.00	1	01/13/2022 16:39	WG1801154
Beryllium	U		0.190	2.00	1	01/13/2022 16:39	WG1801154
Cadmium	U		0.150	1.00	1	01/13/2022 16:39	WG1801154
Chromium	11.7		1.24	2.00	1	01/13/2022 16:39	WG1801154
Copper	4.61	B J	1.51	5.00	1	01/13/2022 16:39	WG1801154
Cobalt	16.1		0.0596	2.00	1	01/13/2022 16:39	WG1801154
Iron	73700		28.1	100	1	01/13/2022 16:39	WG1801154
Lead	1.24	J	0.849	2.00	1	01/13/2022 16:39	WG1801154
Manganese	2590		0.704	5.00	1	01/13/2022 16:39	WG1801154
Nickel	104		0.816	2.00	1	01/13/2022 16:39	WG1801154
Selenium	1.40	J	0.300	2.00	1	01/13/2022 19:25	WG1801154
Silver	U		0.0700	2.00	1	01/13/2022 16:39	WG1801154
Thallium	U		0.121	2.00	1	01/13/2022 16:39	WG1801154
Vanadium	13.0		0.664	5.00	1	01/13/2022 16:39	WG1801154
Zinc	354		3.02	25.0	1	01/13/2022 16:39	WG1801154

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		113	500	10	12/15/2021 16:50	WG1789903
Acrylonitrile	U		6.71	100	10	12/15/2021 16:50	WG1789903
Benzene	U		0.941	10.0	10	12/15/2021 16:50	WG1789903
Bromochloromethane	U		1.28	10.0	10	12/15/2021 16:50	WG1789903
Bromodichloromethane	U		1.36	10.0	10	12/15/2021 16:50	WG1789903
Bromoform	U		1.29	10.0	10	12/15/2021 16:50	WG1789903
Bromomethane	U		6.05	50.0	10	12/15/2021 16:50	WG1789903
Carbon disulfide	U		0.962	10.0	10	12/15/2021 16:50	WG1789903
Carbon tetrachloride	U		1.28	10.0	10	12/15/2021 16:50	WG1789903
Chlorobenzene	U		1.16	10.0	10	12/15/2021 16:50	WG1789903
Chlorodibromomethane	U		1.40	10.0	10	12/15/2021 16:50	WG1789903
Chloroethane	U		1.92	50.0	10	12/15/2021 16:50	WG1789903
Chloroform	U		1.11	50.0	10	12/15/2021 16:50	WG1789903
Chloromethane	U		9.60	25.0	10	12/15/2021 16:50	WG1789903
Dibromomethane	U		1.22	10.0	10	12/15/2021 16:50	WG1789903
1,2-Dibromoethane	U		1.26	10.0	10	12/15/2021 16:50	WG1789903
1,2-Dibromo-3-Chloropropane	U		2.76	50.0	10	12/15/2021 16:50	WG1789903



ACCOUNT:

FTN Associates - Little Rock, AR

PROJECT:

04355-2494-001

SDG:

L1441656

DATE/TIME:

01/17/22 17:09

PAGE:

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LEACHATE-2

Collected date/time: 12/10/21 12:20

SAMPLE RESULTS - 22

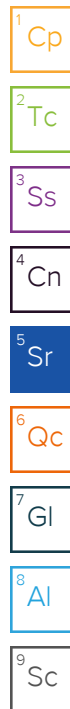
L1441656

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		1.07	10.0	10	12/15/2021 16:50	WG1789903
1,4-Dichlorobenzene	U		1.20	10.0	10	12/15/2021 16:50	WG1789903
trans-1,4-Dichloro-2-butene	U		4.67	25.0	10	12/15/2021 16:50	WG1789903
1,1-Dichloroethane	U		1.00	10.0	10	12/15/2021 16:50	WG1789903
1,2-Dichloroethane	U		0.819	10.0	10	12/15/2021 16:50	WG1789903
1,1-Dichloroethene	U		1.88	10.0	10	12/15/2021 16:50	WG1789903
cis-1,2-Dichloroethene	U		1.26	10.0	10	12/15/2021 16:50	WG1789903
trans-1,2-Dichloroethene	U		1.49	10.0	10	12/15/2021 16:50	WG1789903
1,2-Dichloropropane	U		1.49	10.0	10	12/15/2021 16:50	WG1789903
cis-1,3-Dichloropropene	U		1.11	10.0	10	12/15/2021 16:50	WG1789903
trans-1,3-Dichloropropene	U		1.18	10.0	10	12/15/2021 16:50	WG1789903
Ethylbenzene	U		1.37	10.0	10	12/15/2021 16:50	WG1789903
2-Hexanone	U		7.87	100	10	12/15/2021 16:50	WG1789903
Iodomethane	U		60.0	100	10	12/15/2021 16:50	WG1789903
2-Butanone (MEK)	118		11.9	100	10	12/15/2021 16:50	WG1789903
Methylene Chloride	U		4.30	50.0	10	12/15/2021 16:50	WG1789903
4-Methyl-2-pentanone (MIBK)	U		4.78	100	10	12/15/2021 16:50	WG1789903
Styrene	U		1.18	10.0	10	12/15/2021 16:50	WG1789903
1,1,1,2-Tetrachloroethane	U		1.47	10.0	10	12/15/2021 16:50	WG1789903
1,1,2,2-Tetrachloroethane	U		1.33	10.0	10	12/15/2021 16:50	WG1789903
Tetrachloroethene	U		3.00	10.0	10	12/15/2021 16:50	WG1789903
Toluene	2.82	U	2.78	10.0	10	12/15/2021 16:50	WG1789903
1,1,1-Trichloroethane	U		1.49	10.0	10	12/15/2021 16:50	WG1789903
1,1,2-Trichloroethane	U		1.58	10.0	10	12/15/2021 16:50	WG1789903
Trichloroethene	U		1.90	10.0	10	12/15/2021 16:50	WG1789903
Trichlorofluoromethane	U		1.60	50.0	10	12/15/2021 16:50	WG1789903
1,2,3-Trichloropropane	U		2.37	25.0	10	12/15/2021 16:50	WG1789903
Vinyl acetate	U		6.92	100	10	12/15/2021 16:50	WG1789903
Vinyl chloride	U		2.34	10.0	10	12/15/2021 16:50	WG1789903
Xylenes, Total	1.83	U	1.74	30.0	10	12/15/2021 16:50	WG1789903
(S) Toluene-d8	105			80.0-120		12/15/2021 16:50	WG1789903
(S) 4-Bromofluorobenzene	99.3			77.0-126		12/15/2021 16:50	WG1789903
(S) 1,2-Dichloroethane-d4	102			70.0-130		12/15/2021 16:50	WG1789903

Sample Narrative:

L1441656-22 WG1789903: Lowest possible dilution due to sample foaming.



Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	277000		10000	1	12/15/2021 16:55	WG1789827

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	18800		379	1000	1	12/28/2021 22:45	WG1795754
Sulfate	14400		594	5000	1	12/28/2021 22:45	WG1795754

Wet Chemistry by Method 9060A

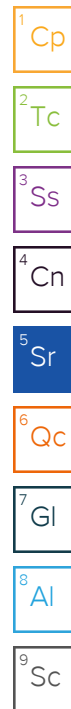
Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	3590		102	1000	1	12/19/2021 00:34	WG1791687

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		1.03	4.00	1	01/14/2022 11:56	WG1800124
Arsenic	95.3		0.180	2.00	1	01/14/2022 11:56	WG1800124
Barium	338		0.381	2.00	1	01/14/2022 11:56	WG1800124
Beryllium	U		0.190	2.00	1	01/14/2022 11:56	WG1800124
Cadmium	U		0.150	1.00	1	01/14/2022 11:56	WG1800124
Chromium	U		1.24	2.00	1	01/14/2022 11:56	WG1800124
Copper	U		1.51	5.00	1	01/14/2022 11:56	WG1800124
Cobalt	0.380	J	0.0596	2.00	1	01/14/2022 11:56	WG1800124
Iron	15300		28.1	100	1	01/14/2022 11:56	WG1800124
Lead	U		0.849	2.00	1	01/14/2022 11:56	WG1800124
Manganese	1250		0.704	5.00	1	01/14/2022 11:56	WG1800124
Nickel	3.10		0.816	2.00	1	01/14/2022 11:56	WG1800124
Selenium	U		0.300	2.00	1	01/14/2022 11:56	WG1800124
Silver	U		0.0700	2.00	1	01/14/2022 11:56	WG1800124
Thallium	U		0.121	2.00	1	01/14/2022 11:56	WG1800124
Vanadium	U		0.664	5.00	1	01/14/2022 11:56	WG1800124
Zinc	3.10	J	3.02	25.0	1	01/14/2022 11:56	WG1800124

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	12/15/2021 17:09	WG1789903
Acrylonitrile	U		0.671	10.0	1	12/15/2021 17:09	WG1789903
Benzene	U		0.0941	1.00	1	12/15/2021 17:09	WG1789903
Bromochloromethane	U		0.128	1.00	1	12/15/2021 17:09	WG1789903
Bromodichloromethane	U		0.136	1.00	1	12/15/2021 17:09	WG1789903
Bromoform	U		0.129	1.00	1	12/15/2021 17:09	WG1789903
Bromomethane	U		0.605	5.00	1	12/15/2021 17:09	WG1789903
Carbon disulfide	U		0.0962	1.00	1	12/15/2021 17:09	WG1789903
Carbon tetrachloride	U		0.128	1.00	1	12/15/2021 17:09	WG1789903
Chlorobenzene	U		0.116	1.00	1	12/15/2021 17:09	WG1789903
Chlorodibromomethane	U		0.140	1.00	1	12/15/2021 17:09	WG1789903
Chloroethane	U		0.192	5.00	1	12/15/2021 17:09	WG1789903
Chloroform	U		0.111	5.00	1	12/15/2021 17:09	WG1789903
Chloromethane	U		0.960	2.50	1	12/15/2021 17:09	WG1789903
Dibromomethane	U		0.122	1.00	1	12/15/2021 17:09	WG1789903
1,2-Dibromoethane	U		0.126	1.00	1	12/15/2021 17:09	WG1789903
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	12/15/2021 17:09	WG1789903



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	12/15/2021 17:09	WG1789903
1,4-Dichlorobenzene	U		0.120	1.00	1	12/15/2021 17:09	WG1789903
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	12/15/2021 17:09	WG1789903
1,1-Dichloroethane	U		0.100	1.00	1	12/15/2021 17:09	WG1789903
1,2-Dichloroethane	U		0.0819	1.00	1	12/15/2021 17:09	WG1789903
1,1-Dichloroethene	U		0.188	1.00	1	12/15/2021 17:09	WG1789903
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/15/2021 17:09	WG1789903
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/15/2021 17:09	WG1789903
1,2-Dichloropropane	U		0.149	1.00	1	12/15/2021 17:09	WG1789903
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/15/2021 17:09	WG1789903
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/15/2021 17:09	WG1789903
Ethylbenzene	U		0.137	1.00	1	12/15/2021 17:09	WG1789903
2-Hexanone	U		0.787	10.0	1	12/15/2021 17:09	WG1789903
Iodomethane	U		6.00	10.0	1	12/15/2021 17:09	WG1789903
2-Butanone (MEK)	U		1.19	10.0	1	12/15/2021 17:09	WG1789903
Methylene Chloride	U		0.430	5.00	1	12/15/2021 17:09	WG1789903
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/15/2021 17:09	WG1789903
Styrene	U		0.118	1.00	1	12/15/2021 17:09	WG1789903
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	12/15/2021 17:09	WG1789903
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/15/2021 17:09	WG1789903
Tetrachloroethene	U		0.300	1.00	1	12/15/2021 17:09	WG1789903
Toluene	U		0.278	1.00	1	12/15/2021 17:09	WG1789903
1,1,1-Trichloroethane	U		0.149	1.00	1	12/15/2021 17:09	WG1789903
1,1,2-Trichloroethane	U		0.158	1.00	1	12/15/2021 17:09	WG1789903
Trichloroethene	U		0.190	1.00	1	12/15/2021 17:09	WG1789903
Trichlorofluoromethane	U		0.160	5.00	1	12/15/2021 17:09	WG1789903
1,2,3-Trichloropropane	U		0.237	2.50	1	12/15/2021 17:09	WG1789903
Vinyl acetate	U		0.692	10.0	1	12/15/2021 17:09	WG1789903
Vinyl chloride	U		0.234	1.00	1	12/15/2021 17:09	WG1789903
Xylenes, Total	U		0.174	3.00	1	12/15/2021 17:09	WG1789903
(S) Toluene-d8	105			80.0-120		12/15/2021 17:09	WG1789903
(S) 4-Bromofluorobenzene	95.6			77.0-126		12/15/2021 17:09	WG1789903
(S) 1,2-Dichloroethane-d4	102			70.0-130		12/15/2021 17:09	WG1789903

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	234000		10000	1	12/15/2021 16:55	WG1789827

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	3180		379	1000	1	12/28/2021 22:58	WG1795754
Sulfate	22200		594	5000	1	12/28/2021 22:58	WG1795754

Wet Chemistry by Method 9060A

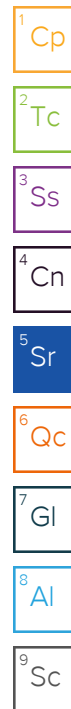
Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	2140	B	102	1000	1	12/19/2021 00:49	WG1791687

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		1.03	4.00	1	01/14/2022 11:59	WG1800124
Arsenic	3.75		0.180	2.00	1	01/14/2022 11:59	WG1800124
Barium	141		0.381	2.00	1	01/14/2022 11:59	WG1800124
Beryllium	U		0.190	2.00	1	01/14/2022 11:59	WG1800124
Cadmium	U		0.150	1.00	1	01/14/2022 11:59	WG1800124
Chromium	2.10		1.24	2.00	1	01/14/2022 11:59	WG1800124
Copper	U		1.51	5.00	1	01/14/2022 11:59	WG1800124
Cobalt	0.488	J	0.0596	2.00	1	01/14/2022 11:59	WG1800124
Iron	4510		28.1	100	1	01/14/2022 11:59	WG1800124
Lead	U		0.849	2.00	1	01/14/2022 11:59	WG1800124
Manganese	638		0.704	5.00	1	01/14/2022 11:59	WG1800124
Nickel	1.65	J	0.816	2.00	1	01/14/2022 11:59	WG1800124
Selenium	0.865	J	0.300	2.00	1	01/14/2022 11:59	WG1800124
Silver	U		0.0700	2.00	1	01/14/2022 11:59	WG1800124
Thallium	U		0.121	2.00	1	01/14/2022 11:59	WG1800124
Vanadium	1.14	J	0.664	5.00	1	01/14/2022 11:59	WG1800124
Zinc	3.95	J	3.02	25.0	1	01/14/2022 11:59	WG1800124

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	12/15/2021 17:28	WG1789903
Acrylonitrile	U		0.671	10.0	1	12/15/2021 17:28	WG1789903
Benzene	U		0.0941	1.00	1	12/15/2021 17:28	WG1789903
Bromochloromethane	U		0.128	1.00	1	12/15/2021 17:28	WG1789903
Bromodichloromethane	U		0.136	1.00	1	12/15/2021 17:28	WG1789903
Bromoform	U		0.129	1.00	1	12/15/2021 17:28	WG1789903
Bromomethane	U		0.605	5.00	1	12/15/2021 17:28	WG1789903
Carbon disulfide	U		0.0962	1.00	1	12/15/2021 17:28	WG1789903
Carbon tetrachloride	U		0.128	1.00	1	12/15/2021 17:28	WG1789903
Chlorobenzene	U		0.116	1.00	1	12/15/2021 17:28	WG1789903
Chlorodibromomethane	U		0.140	1.00	1	12/15/2021 17:28	WG1789903
Chloroethane	U		0.192	5.00	1	12/15/2021 17:28	WG1789903
Chloroform	U		0.111	5.00	1	12/15/2021 17:28	WG1789903
Chloromethane	U		0.960	2.50	1	12/15/2021 17:28	WG1789903
Dibromomethane	U		0.122	1.00	1	12/15/2021 17:28	WG1789903
1,2-Dibromoethane	U		0.126	1.00	1	12/15/2021 17:28	WG1789903
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	12/15/2021 17:28	WG1789903



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	12/15/2021 17:28	WG1789903
1,4-Dichlorobenzene	U		0.120	1.00	1	12/15/2021 17:28	WG1789903
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	12/15/2021 17:28	WG1789903
1,1-Dichloroethane	U		0.100	1.00	1	12/15/2021 17:28	WG1789903
1,2-Dichloroethane	U		0.0819	1.00	1	12/15/2021 17:28	WG1789903
1,1-Dichloroethene	U		0.188	1.00	1	12/15/2021 17:28	WG1789903
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/15/2021 17:28	WG1789903
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/15/2021 17:28	WG1789903
1,2-Dichloropropane	U		0.149	1.00	1	12/15/2021 17:28	WG1789903
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/15/2021 17:28	WG1789903
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/15/2021 17:28	WG1789903
Ethylbenzene	U		0.137	1.00	1	12/15/2021 17:28	WG1789903
2-Hexanone	U		0.787	10.0	1	12/15/2021 17:28	WG1789903
Iodomethane	U		6.00	10.0	1	12/15/2021 17:28	WG1789903
2-Butanone (MEK)	U		1.19	10.0	1	12/15/2021 17:28	WG1789903
Methylene Chloride	U		0.430	5.00	1	12/15/2021 17:28	WG1789903
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/15/2021 17:28	WG1789903
Styrene	U		0.118	1.00	1	12/15/2021 17:28	WG1789903
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	12/15/2021 17:28	WG1789903
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/15/2021 17:28	WG1789903
Tetrachloroethene	U		0.300	1.00	1	12/15/2021 17:28	WG1789903
Toluene	U		0.278	1.00	1	12/15/2021 17:28	WG1789903
1,1,1-Trichloroethane	U		0.149	1.00	1	12/15/2021 17:28	WG1789903
1,1,2-Trichloroethane	U		0.158	1.00	1	12/15/2021 17:28	WG1789903
Trichloroethene	U		0.190	1.00	1	12/15/2021 17:28	WG1789903
Trichlorofluoromethane	U		0.160	5.00	1	12/15/2021 17:28	WG1789903
1,2,3-Trichloropropane	U		0.237	2.50	1	12/15/2021 17:28	WG1789903
Vinyl acetate	U		0.692	10.0	1	12/15/2021 17:28	WG1789903
Vinyl chloride	U		0.234	1.00	1	12/15/2021 17:28	WG1789903
Xylenes, Total	U		0.174	3.00	1	12/15/2021 17:28	WG1789903
(S) Toluene-d8	104			80.0-120		12/15/2021 17:28	WG1789903
(S) 4-Bromofluorobenzene	99.6			77.0-126		12/15/2021 17:28	WG1789903
(S) 1,2-Dichloroethane-d4	102			70.0-130		12/15/2021 17:28	WG1789903

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	ND		10000	1	12/15/2021 16:55	WG1789827

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	U		379	1000	1	12/28/2021 23:11	WG1795754
Sulfate	U		594	5000	1	12/28/2021 23:11	WG1795754

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	297	B J P1	102	1000	1	12/21/2021 06:30	WG1792379

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		1.03	4.00	1	01/14/2022 12:03	WG1800124
Arsenic	U		0.180	2.00	1	01/14/2022 12:03	WG1800124
Barium	U		0.381	2.00	1	01/14/2022 12:03	WG1800124
Beryllium	U		0.190	2.00	1	01/14/2022 12:03	WG1800124
Cadmium	U		0.150	1.00	1	01/14/2022 12:03	WG1800124
Chromium	U		1.24	2.00	1	01/14/2022 12:03	WG1800124
Copper	U		1.51	5.00	1	01/14/2022 12:03	WG1800124
Cobalt	U		0.0596	2.00	1	01/14/2022 12:03	WG1800124
Iron	U		28.1	100	1	01/14/2022 12:03	WG1800124
Lead	U		0.849	2.00	1	01/14/2022 12:03	WG1800124
Manganese	U		0.704	5.00	1	01/14/2022 12:03	WG1800124
Nickel	U		0.816	2.00	1	01/14/2022 12:03	WG1800124
Selenium	U		0.300	2.00	1	01/14/2022 12:03	WG1800124
Silver	U		0.0700	2.00	1	01/14/2022 12:03	WG1800124
Thallium	U		0.121	2.00	1	01/14/2022 12:03	WG1800124
Vanadium	U		0.664	5.00	1	01/14/2022 12:03	WG1800124
Zinc	U		3.02	25.0	1	01/14/2022 12:03	WG1800124

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	12/15/2021 15:01	WG1789903
Acrylonitrile	U		0.671	10.0	1	12/15/2021 15:01	WG1789903
Benzene	U		0.0941	1.00	1	12/15/2021 15:01	WG1789903
Bromochloromethane	U		0.128	1.00	1	12/15/2021 15:01	WG1789903
Bromodichloromethane	U		0.136	1.00	1	12/15/2021 15:01	WG1789903
Bromoform	U		0.129	1.00	1	12/15/2021 15:01	WG1789903
Bromomethane	U		0.605	5.00	1	12/15/2021 15:01	WG1789903
Carbon disulfide	U		0.0962	1.00	1	12/15/2021 15:01	WG1789903
Carbon tetrachloride	U		0.128	1.00	1	12/15/2021 15:01	WG1789903
Chlorobenzene	U		0.116	1.00	1	12/15/2021 15:01	WG1789903
Chlorodibromomethane	U		0.140	1.00	1	12/15/2021 15:01	WG1789903
Chloroethane	U		0.192	5.00	1	12/15/2021 15:01	WG1789903
Chloroform	U		0.111	5.00	1	12/15/2021 15:01	WG1789903
Chloromethane	U		0.960	2.50	1	12/15/2021 15:01	WG1789903
Dibromomethane	U		0.122	1.00	1	12/15/2021 15:01	WG1789903
1,2-Dibromoethane	U		0.126	1.00	1	12/15/2021 15:01	WG1789903
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	12/15/2021 15:01	WG1789903

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	12/15/2021 15:01	WG1789903
1,4-Dichlorobenzene	U		0.120	1.00	1	12/15/2021 15:01	WG1789903
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	12/15/2021 15:01	WG1789903
1,1-Dichloroethane	U		0.100	1.00	1	12/15/2021 15:01	WG1789903
1,2-Dichloroethane	U		0.0819	1.00	1	12/15/2021 15:01	WG1789903
1,1-Dichloroethene	U		0.188	1.00	1	12/15/2021 15:01	WG1789903
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/15/2021 15:01	WG1789903
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/15/2021 15:01	WG1789903
1,2-Dichloropropane	U		0.149	1.00	1	12/15/2021 15:01	WG1789903
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/15/2021 15:01	WG1789903
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/15/2021 15:01	WG1789903
Ethylbenzene	U		0.137	1.00	1	12/15/2021 15:01	WG1789903
2-Hexanone	U		0.787	10.0	1	12/15/2021 15:01	WG1789903
Iodomethane	U		6.00	10.0	1	12/15/2021 15:01	WG1789903
2-Butanone (MEK)	U		1.19	10.0	1	12/15/2021 15:01	WG1789903
Methylene Chloride	U		0.430	5.00	1	12/15/2021 15:01	WG1789903
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/15/2021 15:01	WG1789903
Styrene	U		0.118	1.00	1	12/15/2021 15:01	WG1789903
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	12/15/2021 15:01	WG1789903
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/15/2021 15:01	WG1789903
Tetrachloroethene	U		0.300	1.00	1	12/15/2021 15:01	WG1789903
Toluene	U		0.278	1.00	1	12/15/2021 15:01	WG1789903
1,1,1-Trichloroethane	U		0.149	1.00	1	12/15/2021 15:01	WG1789903
1,1,2-Trichloroethane	U		0.158	1.00	1	12/15/2021 15:01	WG1789903
Trichloroethene	U		0.190	1.00	1	12/15/2021 15:01	WG1789903
Trichlorofluoromethane	U		0.160	5.00	1	12/15/2021 15:01	WG1789903
1,2,3-Trichloropropane	U		0.237	2.50	1	12/15/2021 15:01	WG1789903
Vinyl acetate	U		0.692	10.0	1	12/15/2021 15:01	WG1789903
Vinyl chloride	U		0.234	1.00	1	12/15/2021 15:01	WG1789903
Xylenes, Total	U		0.174	3.00	1	12/15/2021 15:01	WG1789903
(S) Toluene-d8	104			80.0-120		12/15/2021 15:01	WG1789903
(S) 4-Bromofluorobenzene	96.5			77.0-126		12/15/2021 15:01	WG1789903
(S) 1,2-Dichloroethane-d4	98.9			70.0-130		12/15/2021 15:01	WG1789903

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Dissolved Solids	ND		10000	1	12/15/2021 16:55	WG1789827

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chloride	U	P1	379	1000	1	12/28/2021 23:24	WG1795754
Sulfate	U	P1	594	5000	1	12/28/2021 23:24	WG1795754

Wet Chemistry by Method 9060A

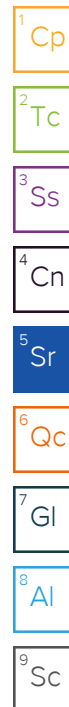
Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	136	B J P1	102	1000	1	12/21/2021 06:54	WG1792379

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Antimony	U		1.03	4.00	1	01/14/2022 12:07	WG1800124
Arsenic	U		0.180	2.00	1	01/14/2022 12:07	WG1800124
Barium	0.972	J	0.381	2.00	1	01/14/2022 12:07	WG1800124
Beryllium	U		0.190	2.00	1	01/14/2022 12:07	WG1800124
Cadmium	U		0.150	1.00	1	01/14/2022 12:07	WG1800124
Chromium	U		1.24	2.00	1	01/14/2022 12:07	WG1800124
Copper	U		1.51	5.00	1	01/14/2022 12:07	WG1800124
Cobalt	U		0.0596	2.00	1	01/14/2022 12:07	WG1800124
Iron	U		28.1	100	1	01/14/2022 12:07	WG1800124
Lead	U		0.849	2.00	1	01/14/2022 12:07	WG1800124
Manganese	U		0.704	5.00	1	01/14/2022 12:07	WG1800124
Nickel	U		0.816	2.00	1	01/14/2022 12:07	WG1800124
Selenium	U		0.300	2.00	1	01/14/2022 12:07	WG1800124
Silver	U		0.0700	2.00	1	01/14/2022 12:07	WG1800124
Thallium	U		0.121	2.00	1	01/14/2022 12:07	WG1800124
Vanadium	U		0.664	5.00	1	01/14/2022 12:07	WG1800124
Zinc	4.41	J	3.02	25.0	1	01/14/2022 12:07	WG1800124

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	12/15/2021 15:20	WG1789903
Acrylonitrile	U		0.671	10.0	1	12/15/2021 15:20	WG1789903
Benzene	U		0.0941	1.00	1	12/15/2021 15:20	WG1789903
Bromochloromethane	U		0.128	1.00	1	12/15/2021 15:20	WG1789903
Bromodichloromethane	U		0.136	1.00	1	12/15/2021 15:20	WG1789903
Bromoform	U		0.129	1.00	1	12/15/2021 15:20	WG1789903
Bromomethane	U		0.605	5.00	1	12/15/2021 15:20	WG1789903
Carbon disulfide	U		0.0962	1.00	1	12/15/2021 15:20	WG1789903
Carbon tetrachloride	U		0.128	1.00	1	12/15/2021 15:20	WG1789903
Chlorobenzene	U		0.116	1.00	1	12/15/2021 15:20	WG1789903
Chlorodibromomethane	U		0.140	1.00	1	12/15/2021 15:20	WG1789903
Chloroethane	U		0.192	5.00	1	12/15/2021 15:20	WG1789903
Chloroform	U		0.111	5.00	1	12/15/2021 15:20	WG1789903
Chloromethane	U		0.960	2.50	1	12/15/2021 15:20	WG1789903
Dibromomethane	U		0.122	1.00	1	12/15/2021 15:20	WG1789903
1,2-Dibromoethane	U		0.126	1.00	1	12/15/2021 15:20	WG1789903
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	12/15/2021 15:20	WG1789903



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2-Dichlorobenzene	U		0.107	1.00	1	12/15/2021 15:20	WG1789903
1,4-Dichlorobenzene	U		0.120	1.00	1	12/15/2021 15:20	WG1789903
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	12/15/2021 15:20	WG1789903
1,1-Dichloroethane	U		0.100	1.00	1	12/15/2021 15:20	WG1789903
1,2-Dichloroethane	U		0.0819	1.00	1	12/15/2021 15:20	WG1789903
1,1-Dichloroethene	U		0.188	1.00	1	12/15/2021 15:20	WG1789903
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/15/2021 15:20	WG1789903
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/15/2021 15:20	WG1789903
1,2-Dichloropropane	U		0.149	1.00	1	12/15/2021 15:20	WG1789903
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/15/2021 15:20	WG1789903
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/15/2021 15:20	WG1789903
Ethylbenzene	U		0.137	1.00	1	12/15/2021 15:20	WG1789903
2-Hexanone	U		0.787	10.0	1	12/15/2021 15:20	WG1789903
Iodomethane	U		6.00	10.0	1	12/15/2021 15:20	WG1789903
2-Butanone (MEK)	U		1.19	10.0	1	12/15/2021 15:20	WG1789903
Methylene Chloride	U		0.430	5.00	1	12/15/2021 15:20	WG1789903
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/15/2021 15:20	WG1789903
Styrene	U		0.118	1.00	1	12/15/2021 15:20	WG1789903
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	12/15/2021 15:20	WG1789903
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/15/2021 15:20	WG1789903
Tetrachloroethene	U		0.300	1.00	1	12/15/2021 15:20	WG1789903
Toluene	0.564	U	0.278	1.00	1	12/15/2021 15:20	WG1789903
1,1,1-Trichloroethane	U		0.149	1.00	1	12/15/2021 15:20	WG1789903
1,1,2-Trichloroethane	U		0.158	1.00	1	12/15/2021 15:20	WG1789903
Trichloroethene	U		0.190	1.00	1	12/15/2021 15:20	WG1789903
Trichlorofluoromethane	U		0.160	5.00	1	12/15/2021 15:20	WG1789903
1,2,3-Trichloropropane	U		0.237	2.50	1	12/15/2021 15:20	WG1789903
Vinyl acetate	U		0.692	10.0	1	12/15/2021 15:20	WG1789903
Vinyl chloride	U		0.234	1.00	1	12/15/2021 15:20	WG1789903
Xylenes, Total	U		0.174	3.00	1	12/15/2021 15:20	WG1789903
(S) Toluene-d8	104			80.0-120		12/15/2021 15:20	WG1789903
(S) 4-Bromofluorobenzene	96.5			77.0-126		12/15/2021 15:20	WG1789903
(S) 1,2-Dichloroethane-d4	106			70.0-130		12/15/2021 15:20	WG1789903

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

TRIP BLANK

Collected date/time: 12/10/21 00:00

SAMPLE RESULTS - 27

L1441656

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	50.0	1	12/15/2021 14:04	WG1789903
Acrylonitrile	U		0.671	10.0	1	12/15/2021 14:04	WG1789903
Benzene	U		0.0941	1.00	1	12/15/2021 14:04	WG1789903
Bromochloromethane	U		0.128	1.00	1	12/15/2021 14:04	WG1789903
Bromodichloromethane	U		0.136	1.00	1	12/15/2021 14:04	WG1789903
Bromoform	U		0.129	1.00	1	12/15/2021 14:04	WG1789903
Bromomethane	U		0.605	5.00	1	12/15/2021 14:04	WG1789903
Carbon disulfide	U		0.0962	1.00	1	12/15/2021 14:04	WG1789903
Carbon tetrachloride	U		0.128	1.00	1	12/15/2021 14:04	WG1789903
Chlorobenzene	U		0.116	1.00	1	12/15/2021 14:04	WG1789903
Chlorodibromomethane	U		0.140	1.00	1	12/15/2021 14:04	WG1789903
Chloroethane	U		0.192	5.00	1	12/15/2021 14:04	WG1789903
Chloroform	U		0.111	5.00	1	12/15/2021 14:04	WG1789903
Chloromethane	U		0.960	2.50	1	12/15/2021 14:04	WG1789903
Dibromomethane	U		0.122	1.00	1	12/15/2021 14:04	WG1789903
1,2-Dibromoethane	U		0.126	1.00	1	12/15/2021 14:04	WG1789903
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	12/15/2021 14:04	WG1789903
1,2-Dichlorobenzene	U		0.107	1.00	1	12/15/2021 14:04	WG1789903
1,4-Dichlorobenzene	U		0.120	1.00	1	12/15/2021 14:04	WG1789903
trans-1,4-Dichloro-2-butene	U		0.467	2.50	1	12/15/2021 14:04	WG1789903
1,1-Dichloroethane	U		0.100	1.00	1	12/15/2021 14:04	WG1789903
1,2-Dichloroethane	U		0.0819	1.00	1	12/15/2021 14:04	WG1789903
1,1-Dichloroethene	U		0.188	1.00	1	12/15/2021 14:04	WG1789903
cis-1,2-Dichloroethene	U		0.126	1.00	1	12/15/2021 14:04	WG1789903
trans-1,2-Dichloroethene	U		0.149	1.00	1	12/15/2021 14:04	WG1789903
1,2-Dichloropropane	U		0.149	1.00	1	12/15/2021 14:04	WG1789903
cis-1,3-Dichloropropene	U		0.111	1.00	1	12/15/2021 14:04	WG1789903
trans-1,3-Dichloropropene	U		0.118	1.00	1	12/15/2021 14:04	WG1789903
Ethylbenzene	U		0.137	1.00	1	12/15/2021 14:04	WG1789903
2-Hexanone	U		0.787	10.0	1	12/15/2021 14:04	WG1789903
Iodomethane	U		6.00	10.0	1	12/15/2021 14:04	WG1789903
2-Butanone (MEK)	U		1.19	10.0	1	12/15/2021 14:04	WG1789903
Methylene Chloride	U		0.430	5.00	1	12/15/2021 14:04	WG1789903
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	12/15/2021 14:04	WG1789903
Styrene	U		0.118	1.00	1	12/15/2021 14:04	WG1789903
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	12/15/2021 14:04	WG1789903
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	12/15/2021 14:04	WG1789903
Tetrachloroethene	U		0.300	1.00	1	12/15/2021 14:04	WG1789903
Toluene	U		0.278	1.00	1	12/15/2021 14:04	WG1789903
1,1,1-Trichloroethane	U		0.149	1.00	1	12/15/2021 14:04	WG1789903
1,1,2-Trichloroethane	U		0.158	1.00	1	12/15/2021 14:04	WG1789903
Trichloroethene	U		0.190	1.00	1	12/15/2021 14:04	WG1789903
Trichlorofluoromethane	U		0.160	5.00	1	12/15/2021 14:04	WG1789903
1,2,3-Trichloropropane	U		0.237	2.50	1	12/15/2021 14:04	WG1789903
Vinyl acetate	U		0.692	10.0	1	12/15/2021 14:04	WG1789903
Vinyl chloride	U		0.234	1.00	1	12/15/2021 14:04	WG1789903
Xylenes, Total	0.206	J	0.174	3.00	1	12/15/2021 14:04	WG1789903
(S) Toluene-d8	105			80.0-120		12/15/2021 14:04	WG1789903
(S) 4-Bromofluorobenzene	99.9			77.0-126		12/15/2021 14:04	WG1789903
(S) 1,2-Dichloroethane-d4	106			70.0-130		12/15/2021 14:04	WG1789903

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

ACCOUNT:

FTN Associates - Little Rock, AR

PROJECT:

04355-2494-001

SDG:

L1441656

DATE/TIME:

01/17/22 17:09

PAGE:

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Method Blank (MB)

(MB) R3741529-1 12/14/21 21:57

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Dissolved Solids	U		10000	10000

L1440779-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1440779-06 12/14/21 21:57 • (DUP) R3741529-3 12/14/21 21:57

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Dissolved Solids	1610000	1590000	1	1.50		5

L1440779-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1440779-11 12/14/21 21:57 • (DUP) R3741529-4 12/14/21 21:57

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Dissolved Solids	2330000	2360000	1	1.20		5

Laboratory Control Sample (LCS)

(LCS) R3741529-2 12/14/21 21:57

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Dissolved Solids	8800000	8590000	97.6	77.4-123	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3741563-1 12/14/21 18:03

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Dissolved Solids	U		10000	10000

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

L1439702-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1439702-01 12/14/21 18:03 • (DUP) R3741563-3 12/14/21 18:03

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Dissolved Solids	899000	904000	1	0.591		5

L1439702-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1439702-02 12/14/21 18:03 • (DUP) R3741563-4 12/14/21 18:03

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Dissolved Solids	729000	740000	1	1.45		5

7Gl

8Al

9Sc

Laboratory Control Sample (LCS)

(LCS) R3741563-2 12/14/21 18:03

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Dissolved Solids	8800000	8530000	96.9	77.4-123	

Method Blank (MB)

(MB) R3741096-1 12/14/21 19:25

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Dissolved Solids	U		10000	10000

L1441386-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1441386-02 12/14/21 19:25 • (DUP) R3741096-3 12/14/21 19:25

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Dissolved Solids	899000	920000	1	2.35		5

L1441386-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1441386-04 12/14/21 19:25 • (DUP) R3741096-4 12/14/21 19:25

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Dissolved Solids	610000	632000	1	3.54		5

Laboratory Control Sample (LCS)

(LCS) R3741096-2 12/14/21 19:25

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Dissolved Solids	8800000	8180000	93.0	77.4-123	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3741676-1 12/15/21 14:29

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Dissolved Solids	U		10000	10000

L1441656-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1441656-04 12/15/21 14:29 • (DUP) R3741676-3 12/15/21 14:29

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Dissolved Solids	276000	294000	1	6.32	J3	5

L1441688-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1441688-03 12/15/21 14:29 • (DUP) R3741676-4 12/15/21 14:29

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Dissolved Solids	1420000	1500000	1	5.35	J3	5

Laboratory Control Sample (LCS)

(LCS) R3741676-2 12/15/21 14:29

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Dissolved Solids	8800000	8670000	98.5	77.4-123	

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R3741709-1 12/15/21 16:55

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Dissolved Solids	U		10000	10000

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1441656-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1441656-07 12/15/21 16:55 • (DUP) R3741709-3 12/15/21 16:55

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Dissolved Solids	236000	237000	1	0.423		5

L1441688-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1441688-05 12/15/21 16:55 • (DUP) R3741709-4 12/15/21 16:55

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Dissolved Solids	1590000	1700000	1	6.32	<u>J3</u>	5

Laboratory Control Sample (LCS)

(LCS) R3741709-2 12/15/21 16:55

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	ug/l	ug/l	%	%	
Dissolved Solids	8800000	8310000	94.4	77.4-123	

Method Blank (MB)

(MB) R3744933-1 12/24/21 10:36

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Chloride	U		379	1000
Sulfate	U		594	5000

L1441656-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1441656-01 12/24/21 15:10 • (DUP) R3744933-3 12/24/21 15:24

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Chloride	66200	66000	1	0.197		15
Sulfate	33600	33600	1	0.216		15

L1441656-16 Original Sample (OS) • Duplicate (DUP)

(OS) L1441656-16 12/24/21 20:52 • (DUP) R3744933-6 12/24/21 21:07

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Chloride	3220	3160	1	1.88		15
Sulfate	19100	19300	1	0.739		15

Laboratory Control Sample (LCS)

(LCS) R3744933-2 12/24/21 10:52

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Chloride	40000	40500	101	80.0-120	
Sulfate	40000	40700	102	80.0-120	

L1441656-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1441656-01 12/24/21 15:10 • (MS) R3744933-4 12/24/21 15:39 • (MSD) R3744933-5 12/24/21 15:54

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Chloride	50000	66200	115000	116000	97.7	98.9	1	80.0-120	E	E	0.523	15
Sulfate	50000	33600	84700	85400	102	104	1	80.0-120			0.844	15

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1441656-16 Original Sample (OS) • Matrix Spike (MS)

(OS) L1441656-16 12/24/21 20:52 • (MS) R3744933-7 12/24/21 21:22

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>
Chloride	50000	3220	55100	104	1	80.0-120	
Sulfate	50000	19100	72500	107	1	80.0-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3745889-1 12/28/21 19:34

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Chloride	U		379	1000
Sulfate	U		594	5000

L1441630-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1441630-06 12/28/21 21:03 • (DUP) R3745889-3 12/28/21 21:16

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Chloride	429	U	1	200	P1	15
Sulfate	U	U	1	0.000		15

L1441656-26 Original Sample (OS) • Duplicate (DUP)

(OS) L1441656-26 12/28/21 23:24 • (DUP) R3745889-6 12/28/21 23:36

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Chloride	U	460	1	200	J P1	15
Sulfate	U	827	1	200	J P1	15

Laboratory Control Sample (LCS)

(LCS) R3745889-2 12/28/21 19:47

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Chloride	40000	40600	102	80.0-120	
Sulfate	40000	40700	102	80.0-120	

L1441630-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1441630-06 12/28/21 21:03 • (MS) R3745889-4 12/28/21 21:29 • (MSD) R3745889-5 12/28/21 22:07

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Chloride	50000	429	52000	52800	103	105	1	80.0-120			1.37	15
Sulfate	50000	U	51400	52700	103	105	1	80.0-120			2.62	15

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1441656-26 Original Sample (OS) • Matrix Spike (MS)

(OS) L1441656-26 12/28/21 23:24 • (MS) R3745889-7 12/28/21 23:49

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>
Chloride	50000	U	53700	107	1	80.0-120	
Sulfate	50000	U	53500	107	1	80.0-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3743124-2 12/20/21 12:16

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
TOC (Total Organic Carbon)	U		102	1000

L1441399-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1441399-01 12/20/21 17:26 • (DUP) R3743124-5 12/20/21 17:42

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	3350	3150	1	6.06		20

L1441656-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1441656-03 12/20/21 22:53 • (DUP) R3743124-8 12/20/21 23:11

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	4050	4030	1	0.396		20

Laboratory Control Sample (LCS)

(LCS) R3743124-1 12/20/21 12:04

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
TOC (Total Organic Carbon)	75000	71700	95.6	85.0-115	

L1441386-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1441386-05 12/20/21 13:44 • (MS) R3743124-3 12/20/21 14:01 • (MSD) R3743124-4 12/20/21 14:18

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	50000	1400	49700	50200	96.6	97.6	1	80.0-120			0.981	20

L1441547-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1441547-01 12/20/21 19:57 • (MS) R3743124-6 12/20/21 20:15 • (MSD) R3743124-7 12/20/21 21:15

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	50000	4960	52900	55900	95.9	102	1	80.0-120			5.42	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3742544-2 12/18/21 09:32

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
TOC (Total Organic Carbon)	240	⬇	102	1000

L1441656-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1441656-13 12/18/21 20:12 • (DUP) R3742544-6 12/18/21 20:26

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	1290	1510	1	15.9		20

Laboratory Control Sample (LCS)

(LCS) R3742544-1 12/18/21 09:19

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
TOC (Total Organic Carbon)	75000	73200	97.6	85.0-115	

L1441656-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1441656-06 12/18/21 16:25 • (MS) R3742544-4 12/18/21 16:43 • (MSD) R3742544-5 12/18/21 17:04

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	50000	2920	51600	52400	97.3	99.0	1	80.0-120			1.67	20

L1441656-14 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1441656-14 12/18/21 20:39 • (MS) R3742544-7 12/18/21 21:02 • (MSD) R3742544-8 12/18/21 21:26

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	50000	1100	47600	48300	93.1	94.3	1	80.0-120			1.31	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3743122-2 12/21/21 01:28

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
TOC (Total Organic Carbon)	472	J	102	1000

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1441656-25 Original Sample (OS) • Duplicate (DUP)

(OS) L1441656-25 12/21/21 06:30 • (DUP) R3743122-7 12/21/21 06:42

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	297	234	1	23.6	J P1	20

L1441656-26 Original Sample (OS) • Duplicate (DUP)

(OS) L1441656-26 12/21/21 06:54 • (DUP) R3743122-8 12/21/21 07:06

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	136	111	1	20.9	J P1	20

Laboratory Control Sample (LCS)

(LCS) R3743122-1 12/21/21 01:15

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
TOC (Total Organic Carbon)	75000	72200	96.2	85.0-115	

L1440796-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1440796-05 12/21/21 01:55 • (MS) R3743122-3 12/21/21 02:11 • (MSD) R3743122-4 12/21/21 02:28

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	2500000	96300	2460000	2440000	94.5	93.8	50	80.0-120			0.653	20

Method Blank (MB)

(MB) R3750217-5 01/14/22 17:00

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Antimony	U		1.03	4.00
Arsenic	U		0.180	2.00
Barium	0.475	J	0.381	2.00
Beryllium	U		0.190	2.00
Cadmium	U		0.150	1.00
Chromium	U		1.24	2.00
Copper	U		1.51	5.00
Cobalt	U		0.0596	2.00
Iron	U		28.1	100
Lead	U		0.849	2.00
Manganese	0.898	J	0.704	5.00
Nickel	U		0.816	2.00
Selenium	U		0.300	2.00
Silver	U		0.0700	2.00
Thallium	U		0.121	2.00
Vanadium	U		0.664	5.00
Zinc	3.31	J	3.02	25.0

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R3750217-1 01/14/22 13:48

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Antimony	50.0	64.6	129	80.0-120	J4
Arsenic	50.0	52.4	105	80.0-120	
Barium	50.0	52.5	105	80.0-120	
Beryllium	50.0	53.2	106	80.0-120	
Cadmium	50.0	53.6	107	80.0-120	
Chromium	50.0	54.9	110	80.0-120	
Copper	50.0	48.8	97.7	80.0-120	
Cobalt	50.0	53.1	106	80.0-120	
Iron	5000	5250	105	80.0-120	
Lead	50.0	53.9	108	80.0-120	
Manganese	50.0	53.7	107	80.0-120	
Nickel	50.0	52.9	106	80.0-120	
Selenium	50.0	51.6	103	80.0-120	
Silver	50.0	51.8	104	80.0-120	
Thallium	50.0	49.9	99.7	80.0-120	
Vanadium	50.0	53.2	106	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R3750217-1 01/14/22 13:48

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Zinc	500	521	104	80.0-120	

L1441547-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1441547-01 01/14/22 13:52 • (MS) R3750217-3 01/14/22 13:58 • (MSD) R3750217-4 01/14/22 14:01

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Antimony	50.0	3.70	64.1	62.2	121	117	1	75.0-125			3.01	20
Arsenic	50.0	30.9	88.0	85.7	114	110	1	75.0-125			2.60	20
Barium	50.0	295	388	358	188	128	1	75.0-125	V	V	8.04	20
Beryllium	50.0	1.65	54.4	53.9	106	105	1	75.0-125			0.905	20
Cadmium	50.0	0.917	56.0	54.6	110	107	1	75.0-125			2.45	20
Chromium	50.0	63.1	123	119	119	112	1	75.0-125			2.92	20
Copper	50.0	142	195	192	105	99.9	1	75.0-125			1.29	20
Cobalt	50.0	36.4	91.4	90.8	110	109	1	75.0-125			0.655	20
Iron	5000	63100	73800	71000	213	158	1	75.0-125	V	V	3.82	20
Lead	50.0	27.4	81.9	79.9	109	105	1	75.0-125			2.48	20
Manganese	50.0	5510	5780	5700	532	363	1	75.0-125	V	V	1.47	20
Nickel	50.0	85.0	144	138	117	107	1	75.0-125			3.76	20
Selenium	50.0	1.92	56.3	54.5	109	105	1	75.0-125			3.30	20
Silver	50.0	0.402	54.0	52.4	107	104	1	75.0-125			3.07	20
Thallium	50.0	0.622	51.7	51.7	102	102	1	75.0-125			0.0454	20
Vanadium	50.0	77.2	139	131	124	108	1	75.0-125			5.93	20
Zinc	500	451	981	966	106	103	1	75.0-125			1.60	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3750086-1 01/14/22 11:13

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Antimony	U		1.03	4.00
Arsenic	U		0.180	2.00
Barium	10.2		0.381	2.00
Beryllium	U		0.190	2.00
Cadmium	U		0.150	1.00
Chromium	U		1.24	2.00
Copper	U		1.51	5.00
Cobalt	U		0.0596	2.00
Iron	U		28.1	100
Lead	U		0.849	2.00
Manganese	U		0.704	5.00
Nickel	U		0.816	2.00
Selenium	U		0.300	2.00
Silver	U		0.0700	2.00
Thallium	U		0.121	2.00
Vanadium	U		0.664	5.00
Zinc	U		3.02	25.0

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R3750086-2 01/14/22 11:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Antimony	50.0	49.1	98.2	80.0-120	
Arsenic	50.0	49.0	98.0	80.0-120	
Barium	50.0	48.0	96.1	80.0-120	
Beryllium	50.0	49.1	98.3	80.0-120	
Cadmium	50.0	50.2	100	80.0-120	
Chromium	50.0	52.3	105	80.0-120	
Copper	50.0	44.6	89.3	80.0-120	
Cobalt	50.0	50.6	101	80.0-120	
Iron	5000	5040	101	80.0-120	
Lead	50.0	47.4	94.9	80.0-120	
Manganese	50.0	50.2	100	80.0-120	
Nickel	50.0	52.1	104	80.0-120	
Selenium	50.0	53.6	107	80.0-120	
Silver	50.0	50.5	101	80.0-120	
Thallium	50.0	46.0	91.9	80.0-120	
Vanadium	50.0	50.4	101	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R3750086-2 01/14/22 11:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Zinc	500	485	96.9	80.0-120	

L1441656-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1441656-19 01/14/22 11:20 • (MS) R3750086-4 01/14/22 11:27 • (MSD) R3750086-5 01/14/22 11:31

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Antimony	50.0	U	49.8	50.9	99.6	102	1	75.0-125			2.19	20
Arsenic	50.0	55.4	105	105	99.8	98.6	1	75.0-125			0.614	20
Barium	50.0	381	421	427	79.9	91.7	1	75.0-125			1.39	20
Beryllium	50.0	U	48.6	47.3	97.2	94.6	1	75.0-125			2.66	20
Cadmium	50.0	U	50.7	51.0	101	102	1	75.0-125			0.514	20
Chromium	50.0	U	51.1	50.5	102	101	1	75.0-125			1.16	20
Copper	50.0	U	44.0	44.2	88.0	88.3	1	75.0-125			0.385	20
Cobalt	50.0	1.19	51.2	52.3	100	102	1	75.0-125			2.20	20
Iron	5000	15800	20400	20500	90.9	92.6	1	75.0-125			0.412	20
Lead	50.0	U	49.3	51.4	98.6	103	1	75.0-125			4.15	20
Manganese	50.0	1580	1630	1620	90.9	75.8	1	75.0-125			0.467	20
Nickel	50.0	1.80	52.5	52.6	101	102	1	75.0-125			0.224	20
Selenium	50.0	U	53.4	53.4	107	107	1	75.0-125			0.0721	20
Silver	50.0	U	50.5	51.2	101	102	1	75.0-125			1.30	20
Thallium	50.0	U	47.8	50.3	95.7	101	1	75.0-125			4.96	20
Vanadium	50.0	U	50.7	51.1	101	102	1	75.0-125			0.823	20
Zinc	500	3.28	488	485	97.0	96.4	1	75.0-125			0.611	20

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

Method Blank (MB)

(MB) R3749828-1 01/13/22 13:23

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Antimony	U		1.03	4.00
Arsenic	U		0.180	2.00
Barium	0.576	U	0.381	2.00
Beryllium	U		0.190	2.00
Cadmium	U		0.150	1.00
Chromium	U		1.24	2.00
Copper	2.08	U	1.51	5.00
Cobalt	U		0.0596	2.00
Iron	U		28.1	100
Lead	U		0.849	2.00
Manganese	1.75	U	0.704	5.00
Nickel	U		0.816	2.00
Selenium	U		0.300	2.00
Silver	U		0.0700	2.00
Thallium	U		0.121	2.00
Vanadium	U		0.664	5.00
Zinc	U		3.02	25.0

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

Laboratory Control Sample (LCS)

(LCS) R3749828-2 01/13/22 13:27

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Antimony	50.0	56.6	113	80.0-120	
Arsenic	50.0	46.5	93.0	80.0-120	
Barium	50.0	48.1	96.1	80.0-120	
Beryllium	50.0	47.5	95.0	80.0-120	
Cadmium	50.0	51.7	103	80.0-120	
Chromium	50.0	49.8	99.5	80.0-120	
Copper	50.0	45.1	90.2	80.0-120	
Cobalt	50.0	49.7	99.5	80.0-120	
Iron	5000	4850	97.0	80.0-120	
Lead	50.0	49.0	98.0	80.0-120	
Manganese	50.0	48.7	97.4	80.0-120	
Nickel	50.0	50.1	100	80.0-120	
Selenium	50.0	47.6	95.3	80.0-120	
Silver	50.0	49.5	99.1	80.0-120	
Thallium	50.0	47.5	95.0	80.0-120	
Vanadium	50.0	49.0	97.9	80.0-120	

ACCOUNT:

FTN Associates - Little Rock, AR

PROJECT:

04355-2494-001

SDG:

L1441656

DATE/TIME:

01/17/22 17:09

PAGE:

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Laboratory Control Sample (LCS)

(LCS) R3749828-2 01/13/22 13:27

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Zinc	500	473	94.7	80.0-120	

L1442537-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1442537-01 01/13/22 13:30 • (MS) R3749828-4 01/13/22 13:37 • (MSD) R3749828-5 01/13/22 13:40

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Antimony	50.0	U	57.4	60.6	115	121	1	75.0-125			5.41	20
Arsenic	50.0	0.645	50.4	49.0	99.5	96.7	1	75.0-125			2.85	20
Barium	50.0	507	548	556	82.5	98.0	1	75.0-125			1.40	20
Beryllium	50.0	U	48.1	48.1	96.3	96.2	1	75.0-125			0.0660	20
Cadmium	50.0	U	52.1	53.1	104	106	1	75.0-125			2.02	20
Chromium	50.0	1.96	53.7	50.2	103	96.5	1	75.0-125			6.65	20
Copper	50.0	2.45	46.1	44.4	87.3	84.0	1	75.0-125			3.72	20
Cobalt	50.0	0.221	51.3	48.2	102	95.9	1	75.0-125			6.21	20
Iron	5000	141	5140	4890	100	94.9	1	75.0-125			5.08	20
Lead	50.0	U	50.0	50.4	99.9	101	1	75.0-125			0.888	20
Manganese	50.0	7.39	59.0	54.3	103	93.8	1	75.0-125			8.34	20
Nickel	50.0	1.17	52.1	50.3	102	98.3	1	75.0-125			3.57	20
Selenium	50.0	0.396	47.1	49.8	93.3	98.9	1	75.0-125			5.74	20
Silver	50.0	0.193	50.9	51.7	101	103	1	75.0-125			1.53	20
Thallium	50.0	0.274	48.1	48.7	95.6	96.9	1	75.0-125			1.34	20
Vanadium	50.0	1.12	52.5	50.3	103	98.3	1	75.0-125			4.24	20
Zinc	500	8.36	508	472	99.9	92.7	1	75.0-125			7.33	20

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

Method Blank (MB)

(MB) R3742745-2 12/14/21 22:54

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromodichloromethane	U		0.136	1.00
Bromochloromethane	U		0.128	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
Carbon disulfide	U		0.0962	1.00
Carbon tetrachloride	U		0.128	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,4-Dichlorobenzene	U		0.120	1.00
trans-1,4-Dichloro-2-butene	U		0.467	2.50
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
Ethylbenzene	U		0.137	1.00
2-Hexanone	U		0.787	10.0
Iodomethane	U		6.00	10.0
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,1,1-Trichloroethane	U		0.149	1.00

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3742745-2 12/14/21 22:54

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
Vinyl acetate	U		0.692	10.0
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	97.9			80.0-120
(S) 4-Bromofluorobenzene	99.9			77.0-126
(S) 1,2-Dichloroethane-d4	98.0			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3742745-1 12/14/21 21:55

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	31.3	125	19.0-160	
Acrylonitrile	25.0	31.6	126	55.0-149	
Benzene	5.00	5.02	100	70.0-123	
Bromodichloromethane	5.00	5.09	102	75.0-120	
Bromochloromethane	5.00	4.42	88.4	76.0-122	
Bromoform	5.00	4.80	96.0	68.0-132	
Bromomethane	5.00	4.94	98.8	10.0-160	
Carbon disulfide	5.00	5.24	105	61.0-128	
Carbon tetrachloride	5.00	4.80	96.0	68.0-126	
Chlorobenzene	5.00	4.86	97.2	80.0-121	
Chlorodibromomethane	5.00	4.70	94.0	77.0-125	
Chloroethane	5.00	4.92	98.4	47.0-150	
Chloroform	5.00	5.03	101	73.0-120	
Chloromethane	5.00	5.03	101	41.0-142	
1,2-Dibromo-3-Chloropropane	5.00	4.84	96.8	58.0-134	
1,2-Dibromoethane	5.00	5.33	107	80.0-122	
Dibromomethane	5.00	5.51	110	80.0-120	
1,2-Dichlorobenzene	5.00	4.70	94.0	79.0-121	
1,4-Dichlorobenzene	5.00	4.97	99.4	79.0-120	
trans-1,4-Dichloro-2-butene	5.00	4.67	93.4	33.0-144	
1,1-Dichloroethane	5.00	4.90	98.0	70.0-126	
1,2-Dichloroethane	5.00	4.84	96.8	70.0-128	
1,1-Dichloroethene	5.00	5.15	103	71.0-124	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R3742745-1 12/14/21 21:55

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
cis-1,2-Dichloroethene	5.00	4.90	98.0	73.0-120	
trans-1,2-Dichloroethene	5.00	5.04	101	73.0-120	
1,2-Dichloropropane	5.00	5.28	106	77.0-125	
cis-1,3-Dichloropropene	5.00	5.15	103	80.0-123	
trans-1,3-Dichloropropene	5.00	4.99	99.8	78.0-124	
Ethylbenzene	5.00	4.71	94.2	79.0-123	
2-Hexanone	25.0	29.8	119	67.0-149	
Iodomethane	25.0	23.1	92.4	33.0-147	
2-Butanone (MEK)	25.0	28.0	112	44.0-160	
Methylene Chloride	5.00	5.44	109	67.0-120	
4-Methyl-2-pentanone (MIBK)	25.0	28.6	114	68.0-142	
Styrene	5.00	5.02	100	73.0-130	
1,1,1,2-Tetrachloroethane	5.00	5.18	104	75.0-125	
1,1,2,2-Tetrachloroethane	5.00	5.35	107	65.0-130	
Tetrachloroethene	5.00	4.76	95.2	72.0-132	
Toluene	5.00	4.94	98.8	79.0-120	
1,1,1-Trichloroethane	5.00	4.77	95.4	73.0-124	
1,1,2-Trichloroethane	5.00	5.49	110	80.0-120	
Trichloroethene	5.00	5.10	102	78.0-124	
Trichlorofluoromethane	5.00	4.52	90.4	59.0-147	
1,2,3-Trichloropropane	5.00	5.34	107	73.0-130	
Vinyl acetate	25.0	24.1	96.4	11.0-160	
Vinyl chloride	5.00	4.85	97.0	67.0-131	
Xylenes, Total	15.0	14.1	94.0	79.0-123	
(S) Toluene-d8			99.0	80.0-120	
(S) 4-Bromofluorobenzene			100	77.0-126	
(S) 1,2-Dichloroethane-d4			94.8	70.0-130	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3742766-2 12/15/21 10:22

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromodichloromethane	U		0.136	1.00
Bromochloromethane	U		0.128	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
Carbon disulfide	U		0.0962	1.00
Carbon tetrachloride	U		0.128	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,4-Dichlorobenzene	U		0.120	1.00
trans-1,4-Dichloro-2-butene	U		0.467	2.50
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
Ethylbenzene	U		0.137	1.00
2-Hexanone	U		0.787	10.0
Iodomethane	U		6.00	10.0
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,1,1-Trichloroethane	U		0.149	1.00

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3742766-2 12/15/21 10:22

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
Vinyl acetate	U		0.692	10.0
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	106			80.0-120
(S) 4-Bromofluorobenzene	95.3			77.0-126
(S) 1,2-Dichloroethane-d4	102			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3742766-1 12/15/21 09:25

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	19.4	77.6	19.0-160	
Acrylonitrile	25.0	25.4	102	55.0-149	
Benzene	5.00	4.91	98.2	70.0-123	
Bromodichloromethane	5.00	4.84	96.8	75.0-120	
Bromochloromethane	5.00	4.70	94.0	76.0-122	
Bromoform	5.00	4.81	96.2	68.0-132	
Bromomethane	5.00	4.78	95.6	10.0-160	
Carbon disulfide	5.00	4.50	90.0	61.0-128	
Carbon tetrachloride	5.00	5.41	108	68.0-126	
Chlorobenzene	5.00	4.65	93.0	80.0-121	
Chlorodibromomethane	5.00	4.58	91.6	77.0-125	
Chloroethane	5.00	4.12	82.4	47.0-150	
Chloroform	5.00	5.12	102	73.0-120	
Chloromethane	5.00	3.88	77.6	41.0-142	
1,2-Dibromo-3-Chloropropane	5.00	3.95	79.0	58.0-134	
1,2-Dibromoethane	5.00	4.36	87.2	80.0-122	
Dibromomethane	5.00	4.92	98.4	80.0-120	
1,2-Dichlorobenzene	5.00	5.02	100	79.0-121	
1,4-Dichlorobenzene	5.00	4.12	82.4	79.0-120	
trans-1,4-Dichloro-2-butene	5.00	4.05	81.0	33.0-144	
1,1-Dichloroethane	5.00	4.85	97.0	70.0-126	
1,2-Dichloroethane	5.00	4.97	99.4	70.0-128	
1,1-Dichloroethene	5.00	4.71	94.2	71.0-124	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS)

(LCS) R3742766-1 12/15/21 09:25

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
cis-1,2-Dichloroethene	5.00	5.24	105	73.0-120	
trans-1,2-Dichloroethene	5.00	5.05	101	73.0-120	
1,2-Dichloropropane	5.00	4.74	94.8	77.0-125	
cis-1,3-Dichloropropene	5.00	4.90	98.0	80.0-123	
trans-1,3-Dichloropropene	5.00	4.68	93.6	78.0-124	
Ethylbenzene	5.00	4.74	94.8	79.0-123	
2-Hexanone	25.0	21.1	84.4	67.0-149	
Iodomethane	25.0	24.5	98.0	33.0-147	
2-Butanone (MEK)	25.0	25.8	103	44.0-160	
Methylene Chloride	5.00	5.02	100	67.0-120	
4-Methyl-2-pentanone (MIBK)	25.0	24.3	97.2	68.0-142	
Styrene	5.00	4.24	84.8	73.0-130	
1,1,1,2-Tetrachloroethane	5.00	5.11	102	75.0-125	
1,1,2,2-Tetrachloroethane	5.00	4.89	97.8	65.0-130	
Tetrachloroethene	5.00	5.57	111	72.0-132	
Toluene	5.00	4.87	97.4	79.0-120	
1,1,1-Trichloroethane	5.00	5.76	115	73.0-124	
1,1,2-Trichloroethane	5.00	5.26	105	80.0-120	
Trichloroethene	5.00	4.89	97.8	78.0-124	
Trichlorofluoromethane	5.00	5.08	102	59.0-147	
1,2,3-Trichloropropane	5.00	4.69	93.8	73.0-130	
Vinyl acetate	25.0	23.9	95.6	11.0-160	
Vinyl chloride	5.00	4.04	80.8	67.0-131	
Xylenes, Total	15.0	14.2	94.7	79.0-123	
(S) Toluene-d8			106	80.0-120	
(S) 4-Bromofluorobenzene			96.1	77.0-126	
(S) 1,2-Dichloroethane-d4			100	70.0-130	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

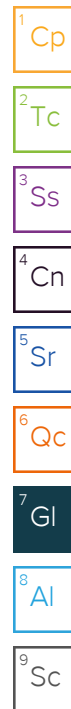
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
V	The sample concentration is too high to evaluate accurate spike recoveries.



ACCREDITATIONS & LOCATIONS

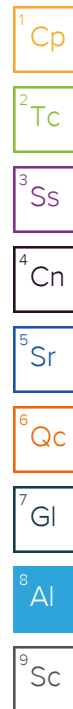
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

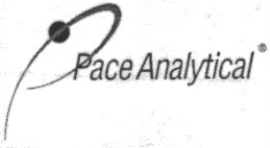
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Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



Company Name/Address: FTN Associates - Little Rock, AR 3 Innwood Circle, Suite 220 Little Rock, AR 72211				Billing Information: Accounts Payable 205 N 2nd Street Blytheville, AR 72315-2834				Analysis / Container / Preservative				Chain of Custody Page <u>2</u> of <u>3</u>			
Report to: Dana Derrington				Email To: dld@ftn-assoc.com; hlf@ftn-assoc.com; ajp@ftn-assoc.com; mmv@ftn-				 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf				Pres Chk			
Project Description: Mississippi County LF		City/State Collected:		Please Circle: PT MT CT ET											
Phone: 314-786-5855		Client Project # 04355-2494-001		Lab Project # FTNLRAR-MISSCO											
Collected by (print): <i>Michael Chavez</i>		Site/Facility ID #		P.O. #								SDG # <u>L1441656</u>			
Collected by (signature): <i>[Signature]</i>		Rush? (Lab MUST Be Notified) ☐ Same Day ☐ Five Day ☐ Next Day ☐ 5 Day (Rad Only) ☐ Two Day ☐ 10 Day (Rad Only) ☐ Three Day		Quote #								Table #			
Immediately Packed on Ice N <u> </u> Y <u> </u>				Date Results Needed								Acctnum: FTNLRAR			
												Template: T136948			
												Prelogin: P888702			
												PM: 134 - Mark W. Beasley			
												PB: <u>Bf 11/19/21</u>			
												Shipped Via: FedEX Ground			
Sample ID		Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs					Remarks			
								CL, SO4 125mlHDPE-NoPres	M6020AP1 + Fe, Mn 250mlHDPE-HNO3	TDS 250mlHDPE-NoPres	TOC 250mlHDPE-HCl	V8260AP1 - TB 40mlAmb-HCl	V8260AP1 40mlAmb-HCl		
MW-1	Grab	GW			12/10/21	1055	7	X	X	X	X	X	-01		
MW-2		GW			12/9/21	1150	7	X	X	X	X	X	-02		
MW-3		GW			12/10/21	920	7	X	X	X	X	X	-03		
MW-4R2		GW			12/9/21	1330	7	X	X	X	X	X	-04		
MW-5R		GW			12/9/21	1445	7	X	X	X	X	X	-05		
MW-6		GW			12/9/21	1610	7	X	X	X	X	X	-06		
MW-10		GW			12/8/21	1020	7	X	X	X	X	X	-07		
MW-11		GW			12/8/21	1125	7	X	X	X	X	X	-08		
MW-12		GW			12/8/21	1240	7	X	X	X	X	X	-09		
MW-13		GW			12/8/21	1415	7	X	X	X	X	X	-10		

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other _____

Remarks:

Samples returned via: UPS FedEx Courier

Tracking # 5433 8385 9840

Relinquished by: (Signature) <i>[Signature]</i>		Date: 12/10/21	Time: 1600	Received by: (Signature) <i>[Signature]</i>		Trip Blank Received: Yes <u> </u> No <u> </u> HCL / MeOH TBR	
Relinquished by: (Signature)		Date:	Time:	Received by: (Signature)		Temp: °C <u>0.8 to 0.8°C</u>	Bottles Received: <u>182</u>
Relinquished by: (Signature)		Date:	Time:	Received for lab by: (Signature) <i>[Signature]</i>		Date: 12-13-21	Time: 1000

Sample Receipt Checklist

COC Seal Present/Intact: NP Y N

COC Signed/Accurate: Y N

Bottles arrive intact: Y N

Correct bottles used: Y N

Sufficient volume sent: Y N

If Applicable

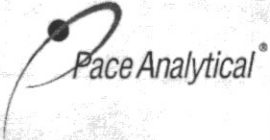
VOA Zero Headspace: Y N

Preservation Correct/Checked: Y N

RAD Screen <0.5 mR/hr: Y N

If preservation required by Login: Date/Time

Hold: _____ Condition: NCF / OK

Company Name/Address: FTN Associates - Little Rock, AR 3 Innwood Circle, Suite 220 Little Rock, AR 72211				Billing Information: Accounts Payable 205 N 2nd Street Blytheville, AR 72315-2834				Pres Chk				Analysis / Container / Preservative				Chain of Custody Page 2 of 3											
Report to: Dana Derrington				Email To: dld@ftn-assoc.com; hlf@ftn-assoc.com; ajp@ftn-assoc.com; mmv@ftn-				 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf				SDG # 64411000		Table #		Acctnum: FTNLRAR		Template: T136948		Prelogin: P888702		PM: 134 - Mark W. Beasley		PB: BF 11/19/21		Shipped Via: FedEX Ground	
Project Description: Mississippi County LF				City/State Collected:								Please Circle: PT MT CT ET				Remarks		Sample # (lab only)									
Phone: 314-786-5855				Client Project # 04355-2494-001								Lab Project # FTNLRAR-MISSCO															
Collected by (print): <i>Michael Clayton</i>				Site/Facility ID #								P.O. #															
Collected by (signature): <i>Michael Clayton</i>				Rush? (Lab MUST Be Notified) ☐ Same Day ☐ Five Day ☐ Next Day ☐ 5 Day (Rad Only) ☐ Two Day ☐ 10 Day (Rad Only) ☐ Three Day				Quote #																			
Immediately				Date Results Needed				No. of Cntrs																			
Packed on Ice N ☐ Y ☐																											
Sample ID				Comp/Grab		Matrix *		Depth		Date		Time															
MW-14				Grab		GW				12/8/21		1540		7		X		X									
MW-15R						GW				12/9/21		1020		7		X		X									
MW-16						GW		12/9/21		12/8/21		920		7		X		X									
MW-18						GW				12/8/21		1640		7		X		X									
MW-19						GW				12/7/21		1510		7		X		X									
MW-21						GW				12/7/21		1400		7		X		X									
MW-22						GW				12/7/21		1105		7		X		X									
MW-23						GW				12/7/21		1220		7		X		X									
MW-24						GW				12/7/21		1625		7		X		X									
OB-1						GW				12/7/21		955		7		X		X									
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other				Remarks: Samples returned via: ☐ UPS ☐ FedEx ☐ Courier				Tracking #				pH _____ Temp _____ Flow _____ Other _____				Sample Receipt Checklist COC Seal Present/Intact: ☒ NP ☐ N COC Signed/Accurate: ☒ ☐ N Bottles arrive intact: ☒ ☐ N Correct bottles used: ☒ ☐ N Sufficient volume sent: ☒ ☐ N If Applicable VOA Zero Headspace: ☒ ☐ N Preservation Correct/Checked: ☒ ☐ N RAD Screen <0.5 mR/hr: ☒ ☐ N											
Relinquished by : (Signature) <i>Michael Clayton</i>				Date: 12/10/21		Time: 1600		Received by: (Signature)				Trip Blank Received: ☒ Yes ☐ No TBR 3 HCL/MeOH TBR				Temp: _____ °C Bottles Received: 182 0.8 to 0.8				If preservation required by Login: Date/Time							
Relinquished by : (Signature)				Date:		Time:		Received by: (Signature)				Temp: _____ °C Bottles Received: 182 0.8 to 0.8				Hold: _____ Condition: NCF / (OK)											
Relinquished by : (Signature)				Date:		Time:		Received for lab by: (Signature) <i>Vanessa Sisk</i>				Date: 12/13/21 Time: 1000															

Company Name/Address: FTN Associates - Little Rock, AR 3 Innwood Circle, Suite 220 Little Rock, AR 72211						Billing Information: Accounts Payable 205 N 2nd Street Blytheville, AR 72315-2834						Pres Chk		Analysis / Container / Preservative										Chain of Custody		Page 3 of 5	
Report to: Dana Derrington						Email To: dld@ftn-assoc.com; hlf@ftn-assoc.com; ajp@ftn-assoc.com; mmv@ftn-																				 12065 Lebanon Rd. Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf	
Project Description: Mississippi County LF				City/State Collected:				Please Circle: PT MT CT ET																			
Phone: 314-786-5855				Client Project # 04355-2494-001				Lab Project # FTNLRR-MISSCO																			
Collected by (print): <i>Michael Clayton</i>				Site/Facility ID #				P.O. #																			
Collected by (signature): <i>[Signature]</i>				Rush? (Lab MUST Be Notified) Same Day Five Day Next Day 5 Day (Rad Only) Two Day 10 Day (Rad Only) Three Day				Quote #				Date Results Needed				No. of Cntrs											
Sample ID		Comp/Grab	Matrix *	Depth	Date	Time																					
LEACHATE-1		Grab	GW		12/10/21	1200	7	X	X	X	X		X							-21							
LEACHATE-2			GW		12/10/21	1220	7	X	X	X	X		X							-22							
MW-4R2 DUP			GW		12/19/21	1335	7	X	X	X	X		X							-23							
MW-10 DUP			GW		12/8/21	1025	7	X	X	X	X		X							-24							
EB-1			GW		12/10/21	1125	7	X	X	X	X		X							-25							
EB-2			GW		12/19/21	1040	7	X	X	X	X		X							-26							
			GW				7	X	X	X	X		X														
			GW				7	X	X	X	X		X														
TRIP BLANK			GW				13						X							-27							
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other						Remarks:						pH _____ Temp _____ Flow _____ Other _____						Sample Receipt Checklist COC Seal Present/Intact: ☒ NP COC Signed/Accurate: ☒ N Bottles arrive intact: ☒ N Correct bottles used: ☒ N Sufficient volume sent: ☒ N <i>If Applicable</i> VOA Zero Headspace: ☒ N Preservation Correct/Checked: ☒ N RAD Screen <0.5 mR/hr: ☒ N									
Samples returned via: __ UPS __ FedEx __ Courier						Tracking #																					
Relinquished by : (Signature) <i>[Signature]</i>						Date: 12/10/21		Time: 1600		Received by: (Signature)						Trip Blank Received: Yes/No TOA3 3 HCL / MeOH TBR											
Relinquished by : (Signature)						Date:		Time:		Received by: (Signature)						Temp: °C Bottles Received: 182											
Relinquished by : (Signature)						Date:		Time:		Received for lab by: (Signature) <i>[Signature]</i>						Date: 12/3/21 Time: 1000											
																Hold: Condition: NCF / OK											

L1441656

<u>Tracking Numbers</u>		<u>Temperature</u>
5433 8385 9840		$3.8 + .0 = 3.8$
5318 9961 3603		$3.5 + .0 = 3.5$
11 11 3614		$1.1 + .1 = 1.2$

FTN Associates - Little Rock, AR

Sample Delivery Group: L1454600
Samples Received: 12/13/2021
Project Number: 04355-2494-001
Description: Mississippi County LF

Report To: Dana Derrington
3 Innwood Circle, Suite 220
Little Rock, AR 72211

Entire Report Reviewed By:



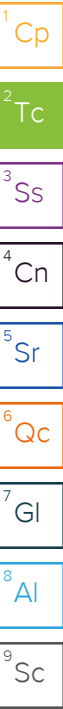
Mark W. Beasley
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SAMPLE SUMMARY

MW-3 L1454600-01 GW

Collected by
Michael Clayton

Collected date/time
12/10/21 09:20

Received date/time
12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020	WG1808532	1	01/26/22 17:26	01/30/22 19:49	LD	Mt. Juliet, TN

¹Cp

²Tc

³Ss

MW-5R L1454600-02 GW

Collected by
Michael Clayton

Collected date/time
12/09/21 14:45

Received date/time
12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020	WG1808532	1	01/26/22 17:26	01/30/22 19:52	LD	Mt. Juliet, TN

⁴Cn

⁵Sr

MW-6 L1454600-03 GW

Collected by
Michael Clayton

Collected date/time
12/09/21 16:10

Received date/time
12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020	WG1808532	1	01/26/22 17:26	01/30/22 19:55	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG1808532	1	01/26/22 17:26	01/31/22 00:54	LD	Mt. Juliet, TN

⁶Qc

⁷Gl

⁸Al

MW-16 L1454600-04 GW

Collected by
Michael Clayton

Collected date/time
12/09/21 09:20

Received date/time
12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020	WG1808532	1	01/26/22 17:26	01/30/22 19:59	LD	Mt. Juliet, TN

⁹Sc

MW-21 L1454600-05 GW

Collected by
Michael Clayton

Collected date/time
12/07/21 14:00

Received date/time
12/13/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020	WG1808532	1	01/26/22 17:26	01/30/22 20:02	LD	Mt. Juliet, TN

MW-24 L1454600-06 GW

Collected by
Michael Clayton

Collected date/time
12/07/21 16:25

Received date/time
12/13/21 10:00

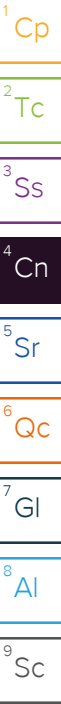
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020	WG1808532	1	01/26/22 17:26	01/30/22 20:05	LD	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Mark W. Beasley
Project Manager



Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Barium	503		0.381	2.00	1	01/30/2022 19:49	WG1808532
Iron	18900		28.1	100	1	01/30/2022 19:49	WG1808532

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Manganese	1990		0.704	5.00	1	01/30/2022 19:52	WG1808532

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Metals (ICPMS) by Method 6020

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	4.62		0.180	2.00	1	01/30/2022 19:55	WG1808532
Chromium	U		1.24	2.00	1	01/30/2022 19:55	WG1808532
Nickel	2.53		0.816	2.00	1	01/31/2022 00:54	WG1808532

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Arsenic	32.1		0.180	2.00	1	01/30/2022 19:59	WG1808532
Barium	386		0.381	2.00	1	01/30/2022 19:59	WG1808532

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Barium	443		0.381	2.00	1	01/30/2022 20:02	WG1808532

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Barium	378		0.381	2.00	1	01/30/2022 20:05	WG1808532

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3755066-1 01/30/22 19:05

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Arsenic	U		0.180	2.00
Barium	U		0.381	2.00
Chromium	U		1.24	2.00
Iron	U		28.1	100
Manganese	U		0.704	5.00

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3755066-6 01/31/22 00:24

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Nickel	U		0.816	2.00

Laboratory Control Sample (LCS)

(LCS) R3755066-2 01/30/22 19:08

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Arsenic	50.0	45.8	91.6	80.0-120	
Barium	50.0	46.4	92.8	80.0-120	
Chromium	50.0	47.5	94.9	80.0-120	
Iron	5000	4700	94.0	80.0-120	
Manganese	50.0	46.8	93.7	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R3755066-7 01/31/22 00:27

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Nickel	50.0	46.8	93.6	80.0-120	

L1454215-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1454215-06 01/30/22 19:11 • (MS) R3755066-4 01/30/22 19:18 • (MSD) R3755066-5 01/30/22 19:21

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Arsenic	50.0	0.767	47.2	46.9	93.0	92.3	1	75.0-125			0.702	20
Barium	50.0	9.86	57.3	55.5	94.8	91.4	1	75.0-125			3.05	20

L1454215-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1454215-06 01/30/22 19:11 • (MS) R3755066-4 01/30/22 19:18 • (MSD) R3755066-5 01/30/22 19:21

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chromium	50.0	U	47.8	48.2	95.7	96.5	1	75.0-125			0.797	20
Iron	5000	U	4640	4600	92.7	92.1	1	75.0-125			0.734	20
Manganese	50.0	1.41	48.6	47.5	94.3	92.1	1	75.0-125			2.30	20

L1454215-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1454215-06 01/31/22 00:31 • (MS) R3755066-9 01/31/22 00:37 • (MSD) R3755066-10 01/31/22 00:40

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Nickel	50.0	U	47.2	46.4	94.5	92.8	1	75.0-125			1.76	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

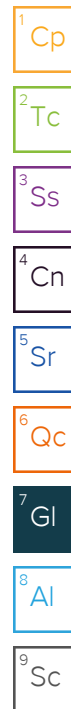
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.



ACCREDITATIONS & LOCATIONS

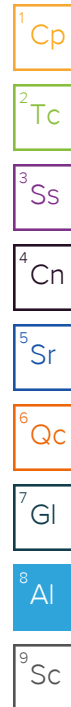
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



Company Name/Address: FTN Associates - Little Rock, AR 3 Innwood Circle, Suite 220 Little Rock, AR 72211						Billing Information: Accounts Payable 205 N 2nd Street Blytheville, AR 72315-2834						Chain of Custody Page <u> 2 </u> of <u> 2 </u> 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf	
Report to:						Email To: dld@ftn-assoc.com; hlf@ftn-assoc.com; ajp@ftn-assoc.com; mmv@ftn-						SOG # <u>L14411056</u> Table # <u>L1454600</u> Acctnum: FTNLRAR Template: T136948 Prelogin: P888702 PM: 134 - Mark W. Beasley PB: <u>Bf 11/19/21</u> Shipped Via: FedEx Ground	
Project Description: Mississippi County LF				City/State Collected:		Please Circle: PT MT CT ET							
Phone: 314-786-5855		Client Project # 04355-2494-001		Lab Project # FTNLRAR-MISSCO									
Collected by (print): Michael Davis		Site/Facility ID #		P.O. #									
Collected by (signature): [Signature]		Rush? (Lab MUST Be Notified) ☐ Same Day ☐ Five Day ☐ Next Day ☐ 5 Day (Rad Only) ☐ Two Day ☐ 10 Day (Rad Only) ☐ Three Day		Quote #		Date Results Needed		No. of Cntrs					
Immediately Packed on Ice N <u> Y </u>													
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Analysis / Container / Preservative							
MW-1	GWB	GW		12/10/21	1055	7	X	X	X	X			
MW-2		GW		12/9/21	1150	7	X	X	X	X			
MW-3		GW		12/10/21	920	7	X	X	X	X			
MW-4RZ		GW		12/9/21	1330	7	X	X	X	X			
MW-5R		GW		12/9/21	1445	7	X	X	X	X			
MW-6		GW		12/9/21	1610	7	X	X	X	X			
MW-10		GW		12/8/21	1020	7	X	X	X	X			
MW-11		GW		12/8/21	1125	7	X	X	X	X			
MW-12		GW		12/8/21	1240	7	X	X	X	X			
MW-13		GW		12/8/21	1415	7	X	X	X	X			
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other _____						pH _____ Temp _____ Flow _____ Other _____							
Remarks:						Samples returned via: <u>UPS</u> ☒ FedEx ☐ Courier _____ Tracking # <u>5433 8385 9840</u>							
Relinquished by: (Signature) [Signature]		Date: 12/10/21 Time: 1600		Received by: (Signature)		Trip Blank Received: Yes No		HCL / MeOH TBR Temp: °C Bottles Received: 182					
Relinquished by: (Signature)		Date: Time:		Received by: (Signature)		Temp: °C Bottles Received:		If preservation required by Login: Date/Time					
Relinquished by: (Signature)		Date: Time:		Received for lab by: (Signature)		Date: 12-13-21 Time: 1000		Hold: Condition: NCF / OK					

Company Name/Address: FTN Associates - Little Rock, AR 3 Innwood Circle, Suite 220 Little Rock, AR 72211				Billing Information: Accounts Payable 205 N 2nd Street Blytheville, AR 72315-2834				Analysis / Container / Preservative				Chain of Custody Page <u>2</u> of <u>3</u>			
Report to: Dana Derrington				Email To: dld@ftn-assoc.com; hlf@ftn-assoc.com; ajp@ftn-assoc.com; mmv@ftn-				Pres Chk ☒				 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pac-standard-terms.pdf			
Project Description: Mississippi County LF				City/State Collected:				Please Circle: PT MT CT ET							
Phone: 314-786-5855				Client Project # 04355-2494-001				Lab Project # FTNLRAR-MISSCO				SDG # <u>L14411000</u> Table # <u>L1454600</u> Accnum: FTNLRAR Template: T136948 Prelogin: P888702 PM: 134 - Mark W. Beasley PB: <u>BF 11/19/21</u> Shipped Via: <u>FedEX Ground</u>			
Collected by (print): <i>Michael Clayton</i>				Site/Facility ID #				P.O. #							
Collected by (signature): <i>Michael Clayton</i>				Rush? (Lab MUST Be Notified) ☐ Same Day ☐ Five Day ☐ Next Day ☐ 5 Day (Rad Only) ☐ Two Day ☐ 10 Day (Rad Only) ☐ Three Day				Quote #							
Immediately Packed on Ice N ☐ Y ☐				Date Results Needed				No. of Cntrs							
Sample ID				Comp/Grab		Matrix *		Depth		Date		Time			
MW-14				Grab		GW				12/8/21		1540		7	
MW-15R						GW				12/9/21		1020		7	
MW-16						GW		12/9/21		12/9/21		920		7	
MW-18						GW		12/8/21		12/8/21		1640		7	
MW-19						GW		12/7/21		12/7/21		1510		7	
MW-21						GW		12/7/21		12/7/21		1400		7	
MW-22						GW		12/7/21		12/7/21		1105		7	
MW-23						GW		12/7/21		12/7/21		1220		7	
MW-24						GW		12/7/21		12/7/21		1625		7	
OB-1						GW		12/7/21		12/7/21		955		7	
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - Waste Water DW - Drinking Water OT - Other				Remarks: pH _____ Temp _____ Flow _____ Other _____ Samples returned via: ☐ UPS ☐ FedEx ☐ Courier Tracking # _____ Relinquished by: (Signature) <i>Michael Clayton</i> Date: 12/10/21 Time: 1600 Relinquished by: (Signature) _____ Date: _____ Time: _____ Relinquished by: (Signature) _____ Date: _____ Time: _____											
				Sample Receipt Checklist COC Seal Present/Intact: ☒ NP ☐ N COC Signed/Accurate: ☒ N ☐ N Bottles arrive intact: ☒ N ☐ N Correct bottles used: ☒ N ☐ N Sufficient volume sent: ☒ N ☐ N If Applicable VOA Zero Headspace: ☒ N ☐ N Preservation Correct/Checked: ☒ N ☐ N RAD Screen <0.5 mR/hr: ☒ N ☐ N If preservation required by Login: Date/Time Hold: _____ Condition: NCF / ☒ OK											
				Trip Blank Received: ☒ No ☐ Yes HCL/MeOH TBR Temp: 08:30:48°C Bottles Received: 182 Date: 12-13-21 Time: 1000											

L1441656 *FTNLRAR* relog**R3/R4/RX/EX**

Relog the following as EX due 1/31:

L1441656-03 BAG, FEG

L1441656-05 MNG

L1441656-06 ASG, CRG, NIG

L1441656-13 ASG, BAG

L1441656-16 BAG

L1441656-19 BAG

From: Melissa Vaught <mmv@ftn-assoc.com>

Sent: Tuesday, January 25, 2022 1:50 PM

To: Mark Beasley <Mark.Beasley@pacelabs.com>

Cc: Dana Derrington <dld@ftn-assoc.com>; Andrew Pruitt <ajp@ftn-assoc.com>

Subject: MCLF - 4Q reruns (L1441656)

CAUTION: This email originated from outside Pace Analytical. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Mark – Good afternoon. If the samples are still available for MCLF (L1441656), could you have the lab double-check the calculations and rerun the following, provided the samples are still within hold times. I think chloride is out of hold time, but wanted to confirm.

MW-6

ARSENIC

MW-16

ARSENIC

MW-3

BARIUM

MW-16

BARIUM

MW-21

BARIUM

MW-24

BARIUM

MW-23

CHLORIDE, provided this is still within hold time

MW-6

CHROMIUM

MW-3

IRON

MW-5R

MANGANESE

MW-6

NICKEL

If you have questions, please let me know.

Thank you,

Melissa Vaught, P.E.*

FTN Associates

Environmental Engineer

124 W. Sunbridge Drive, Suite #3

Fayetteville, Arkansas 72703

Office: (479) 571-3334

Fax: (479) 571-3338

*Arkansas and Oklahoma

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P Please consider the environment before printing this email

Time estimate: oh

Time spent: oh

Members

MB Mark Beasley (responsible)

APPENDIX C

Historical Database

Historical Database, Mississippi County Class 1 Landfill

		Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)
MW-1	downgradient									
	10/27/1993	<0.05	<0.05	0.01(R)	<0.001	<0.002	n/a	<0.005	<0.003	0.01
	3/15/1994	<0.02	0.034	0.237	<0.002	<0.004	10.5	<0.003	<0.003	0.011
	6/14/1994	<0.02	0.047	0.248	<0.002	<0.004	6	<0.003	<0.003	<0.004
	9/15/1994	<0.02	0.018	0.278	<0.002	<0.004	10.5	<0.003	0.004	0.006
	12/22/1994	<0.02	0.053	0.248	<0.002	<0.004	9	<0.003	<0.003	<0.004
	6/2/1995	<0.02	0.022	0.251	<0.002	<0.004	7.5	<0.003	<0.003	<0.004
	12/14/1995	0.022	<0.01	0.26	<0.002	<0.004	18.5	0.004	<0.003	0.01
	6/13/1996	<0.03	<0.05	0.25	<0.0003	<0.004	16	<0.007	<0.007	<0.006
	11/26/1996	<0.03	<0.05	0.21	<0.0003	<0.004	17	<0.007	<0.007	<0.006
	4/23/1997	<0.03	0.078	0.35	<0.0003	<0.004	22	<0.007	<0.007	0.007
	10/8/1997	<0.003	<0.04	0.26	<0.0003	<0.004	26	<0.007	<0.007	<0.006
	4/13/1998	<0.002	0.051	0.27	0.00031	<0.003	31	<0.005	<0.007	<0.003
	11/5/1998	<0.002	0.073	0.26	<0.0004	<0.004	27	<0.01	<0.007	<0.01
	4/1/1999	<0.002	0.052	0.3	<0.0004	<0.004	52	<0.01	<0.007	<0.01
	10/22/1999	<0.002	0.06	0.29	<0.0004	<0.004	30	<0.01	<0.007	<0.01
	5/10/2000	<0.002	0.052	0.33	<0.0004	<0.004	43	<0.01	<0.007	<0.01
	10/12/2000	<0.002	0.052	0.3	<0.0004	<0.004	44	<0.01	<0.007	<0.01
	4/26/2001	<0.002	0.05	0.25	<0.0004	<0.02	51	<0.01	<0.007	<0.01
	10/26/2001	<0.002	0.082	0.35	<0.0004	<0.02	42	0.016	<0.007	<0.01
	4/10/2002	<0.002	0.045	0.35	<0.0004	<0.005	61	<0.01	<0.007	<0.01
	11/6/2002	<0.002	0.051	0.32	<0.0004	<0.005	43	<0.01	<0.007	<0.01
	4/18/2003	<0.002	<0.04	0.32	<0.0004	<0.005	76	<0.01	<0.007	<0.01
	11/5/2003	<0.002	0.045	0.29	<0.0004	<0.005	43	<0.01	<0.007	<0.01
	4/29/2004	<0.002	<0.04	0.33	<0.0004	<0.005	80	<0.01	<0.007	<0.01
	10/20/2004	<0.002	0.049	0.32	<0.0004	<0.005	59	<0.01	<0.007	<0.01
	4/27/2005	<0.002	<0.04	0.32	<0.0004	<0.005	59	<0.01	<0.007	<0.01

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; value is an estimate.

O: value is a statistical outlier.

R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

		Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)
MW-1 (cont.)	10/4/2005	<0.002	0.056	0.36	<0.0004	<0.005	68	<0.01	<0.007	<0.01
	4/26/2006	<0.002	0.05	0.35	<0.0004	<0.005	43	<0.01	<0.007	<0.01
	10/3/2006	<0.002	0.061	0.35	<0.0004	<0.005	26	<0.01	<0.007	<0.01
	4/11/2007	<0.002	0.05	0.34	<0.0003	<0.005	37	<0.01	<0.007	<0.006
	10/4/2007	<0.002	0.086	0.38	<0.0003	<0.005	31	<0.01	<0.007	0.23
	4/21/2008	<0.001	0.036	0.3	<0.001	<0.0005	21	<0.01	<0.01	<0.001
	10/9/2008	<0.001	0.067	0.3	<0.001	<0.0005	24	<0.01	<0.01	<0.001
	6/11/2009	<0.001	0.069	0.32	<0.001	<0.0005	16	<0.01	<0.01	<0.001
	11/12/2009	<0.001	0.064	0.32	<0.001	<0.0005	21	<0.01	<0.01	<0.002
	4/13/2010	<0.00021	0.056	0.3	<0.00012	<0.00016	20	<0.00054	<0.00026	<0.00052
	10/11/2010	0.00052(J)	0.066	0.32	0.00031(J)	0.00041(J)	24	0.0012(J)	0.00034(J)	<0.002
	4/12/2011	<0.001	0.07	0.32	<0.001	<0.0005	21	<0.002	<0.001	0.0012(J)
	12/6/2011	0.00032(J)	0.092	0.43	<0.001	<0.0005	25	<0.002	<0.001	0.0013
	5/7/2012	0.00041(J)	0.059	0.32	0.00036(J)	<0.0005	25	<0.002	<0.001	0.0007(J)
	10/8/2012	0.00049(J)	0.1	0.31(B)	0.00037(J)	<0.0005	21	0.00089(J)	0.00054(J)	0.0007(J)
	3/19/2013	<0.001	0.079	0.3	<0.001	<0.0005	15	<0.002	<0.001	<0.002
	9/24/2013	0.00039(J)	0.12	0.32	0.00013(J)	<0.0005	26(B)	<0.002	0.00074(J)	0.0012(J)
	3/18/2014	<0.001	0.086	0.34	<0.001	<0.0005	20	<0.002	0.00041(J)	<0.002
	9/16/2014	<0.001	0.1	0.3	0.00076(J)	<0.0005	31	0.0024(B)	0.0004(J)	0.0032
	3/24/2015	<0.002	0.054	0.28	<0.002	<0.001	24	<0.002	<0.002	<0.005
	9/24/2015	<0.002	0.153	0.324	<0.002	<0.001	39.3	<0.002	<0.002	0.000677
	2/9/2016	<0.002	0.0942	0.39	<0.002	<0.001	25.5	0.000818(J)	<0.002	0.00129(J)
	5/23/2016	n/a	0.0742	0.331	n/a	n/a	n/a	n/a	n/a	n/a
	8/25/2016	0.000944(BJ)	0.0968	0.329	<0.002	<0.001	45.1	0.000956(BJ)	<0.002	<0.005
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/6/2017	<0.002	0.0968	0.338	<0.002	<0.001	24.6	<0.002	<0.002	0.000746(J)
	5/24/2017	<0.002	0.0924	0.321	<0.002	<0.001	28.2	<0.002	0.00031(J)	<0.005

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O: value is a statistical outlier.

R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

		Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)
MW-1 (cont.)	9/1/2017	<0.002	0.1	0.403	<0.002	<0.001	54.9	<0.002	<0.002	<0.005
	11/17/2017	<0.002	0.0953	0.382	<0.002	<0.001	47.3	<0.002	0.000275(J)	0.000587(J)
	3/14/2018	<0.002	0.082	0.378	<0.002	<0.001	52.1	<0.002	<0.002	0.000582(J)
	6/14/2018	<0.002	0.0755	0.401	<0.002	<0.001	65.7	<0.002	<0.002	0.000898(J)
	9/13/2018	<0.002	0.102	0.429	<0.002	<0.001	61	<0.002	<0.002	<0.005
	12/13/2018	<0.002	0.0994	0.397	<0.002	<0.001	52.3	<0.002	<0.002	<0.005
	3/18/2019	<0.002	0.0797	0.469	<0.002	<0.001	60.6	<0.002	<0.002	0.000833(J)
	6/14/2019	<0.002	0.0924	0.501	<0.002	<0.001	68.2	<0.002	0.000394(J)	<0.005
	9/24/2019	<0.002	0.0813	0.499	<0.002	<0.001	80.7	0.000889(J)	<0.002	0.00187(J)
	12/3/2019	<0.002	0.104	0.377	<0.002	<0.001	43.4	0.00126(BJ)	0.000329(J)	0.00277(J)
	3/13/2020	<0.002	0.0742	0.443	0.000122(J)	<0.001	56.9	0.000798(BJ)	0.00041(J)	0.000632(J)
	6/3/2020	<0.004	0.0667	0.379	<0.002	<0.001	52.9	<0.002	<0.002	<0.005
	9/15/2020	<0.004	0.108	0.529	<0.002	<0.001	73.8	<0.002	<0.002	<0.005
	12/8/2020	<0.004	0.116	0.434	<0.002	<0.001	57.8	<0.002	0.000295(J)	<0.005
	3/11/2021	<0.004	0.0962	0.453	<0.002	<0.001	55.3	<0.002	0.000278(J)	<0.005
	6/17/2021	<0.004	0.0895	0.322	<0.002	<0.001	34.1	<0.002	0.000337(J)	<0.005
	9/10/2021	<0.004	0.0712	0.444(B)	<0.002	<0.001	44	<0.002	0.000288(J)	<0.005
	12/10/2021	0.00145(J)	0.0858	0.563	<0.002	<0.001	66.2	<0.002	0.00028(J)	0.111
MW-2	upgradient									
	10/27/1993	<0.05	<0.05	0.299	<0.001	<0.002	n/a	<0.005	<0.003	0.002
	3/15/1994	<0.02	0.018	0.357	<0.002	<0.004	28.5	<0.003	<0.003	0.005
	6/14/1994	<0.02	0.015	0.342	0.002	<0.004	7	<0.003	<0.003	<0.004
	9/15/1994	0.069	<0.01	0.356	<0.002	<0.004	11	<0.003	<0.003	0.006
	12/22/1994	<0.02	0.032	0.387	0.003	<0.004	9	<0.003	0.005	0.004
	6/2/1995	<0.02	<0.01	0.411	<0.002	<0.004	9.5	<0.003	<0.003	<0.004
	12/14/1995	<0.02	<0.01	0.423	<0.002	0.005	8.5	0.011	0.004	0.014
	6/13/1996	<0.03	<0.05	0.38	<0.0003	<0.004	33	<0.007	<0.007	<0.006

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Historical Database, Mississippi County Class 1 Landfill

		Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)
MW-2 (cont.)	11/26/1996	<0.03	<0.05	0.4	<0.0003	<0.004	29	<0.007	<0.007	<0.006
	4/23/1997	<0.03	<0.05	0.36	<0.0003	<0.004	25	<0.007	<0.007	<0.006
	10/8/1997	<0.003	<0.04	0.36	<0.0003	<0.004	33	<0.007	<0.007	<0.006
	4/13/1998	<0.002	<0.04	0.43	<0.002	<0.003	34	<0.005	<0.007	<0.003
	11/5/1998	<0.002	<0.04	0.39	<0.0004	<0.004	32	<0.01	<0.007	<0.01
	4/1/1999	<0.002	<0.04	0.42	<0.0004	<0.004	31	<0.01	<0.007	<0.01
	10/22/1999	<0.002	0.046	0.39	<0.0004	<0.004	26	<0.01	<0.007	<0.01
	5/10/2000	<0.002	<0.04	0.47	<0.0004	<0.004	30	<0.01	<0.007	<0.01
	10/12/2000	<0.002	<0.04	0.38	<0.0004	<0.004	25	<0.01	<0.007	<0.01
	4/26/2001	<0.002	<0.04	0.37	<0.0004	<0.02	23	<0.01	<0.007	<0.01
	10/26/2001	<0.002	<0.04	0.44	<0.0004	<0.02	27	<0.01	<0.007	<0.01
	4/10/2002	<0.002	<0.04	0.46	<0.0004	<0.005	25	<0.01	<0.007	<0.01
	11/6/2002	<0.002	<0.04	0.43	<0.0004	<0.005	26	<0.01	<0.007	<0.01
	4/18/2003	<0.002	<0.04	0.43	<0.0004	<0.005	28	<0.01	<0.007	<0.01
	11/5/2003	<0.002	<0.04	0.37	<0.0004	<0.005	30	<0.01	<0.007	<0.01
	4/29/2004	<0.002	<0.04	0.28	<0.0004	<0.005	43	<0.01	<0.007	<0.01
	10/20/2004	<0.002	<0.04	0.37	<0.0004	<0.005	29	<0.01	<0.007	<0.01
	4/27/2005	<0.002	<0.04	0.31	<0.0004	<0.005	31	<0.01	<0.007	<0.01
	10/4/2005	<0.002	<0.04	0.4	<0.0004	<0.005	35	<0.01	<0.007	<0.01
	4/26/2006	<0.002	<0.001	0.41	<0.0004	<0.005	39	<0.01	<0.007	<0.01
	10/3/2006	<0.002	<0.001	0.4	<0.0004	<0.005	40	<0.01	<0.007	<0.01
	4/11/2007	<0.002	0.0077	0.35	<0.0003	<0.005	29	<0.01	<0.007	<0.006
	10/4/2007	<0.002	0.0094	0.37	<0.0003	<0.005	32	<0.01	<0.007	<0.006
	4/21/2008	<0.001	0.006	0.38	<0.001	<0.0005	24	<0.01	<0.01	0.0015
	10/9/2008	<0.001	0.01	0.32	<0.001	<0.0005	21	<0.01	<0.01	<0.001
	6/11/2009	<0.001	0.0098	0.29	<0.001	<0.0005	21	<0.01	<0.01	<0.001
	11/12/2009	<0.001	0.0064	0.25	<0.005	<0.0005	21	<0.01	<0.01	<0.002

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		Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)
MW-2 (cont.)	4/13/2010	<0.00021	0.0065	0.27	<0.00012	<0.00016	17	<0.00054	<0.00026	<0.00052
	10/11/2010	0.00055(J)	0.011	0.36	0.00031(J)	0.00049(J)	27	0.0021	0.00063(J)	0.00084(J)
	4/12/2011	<0.001	0.013	0.38	<0.001	<0.0005	25	<0.002	<0.001	<0.002
	12/6/2011	0.00021(J)	0.019	0.54	<0.001	<0.0005	28	<0.002	0.00032	<0.002
	5/7/2012	0.00039(J)	0.014	0.37	0.00033(J)	<0.0005	16	<0.002	0.0004(J)	0.00084(J)
	10/8/2012	0.00048(J)	0.016	0.46(B)	0.00034(J)	<0.0005	23	0.0011(J)	0.00089(J)	<0.002
	3/19/2013	<0.001	0.014	0.4	<0.001	<0.0005	29	<0.002	0.00053(J)	<0.002
	9/24/2013	0.00037(J)	0.0058	0.38	0.00015(J)	0.0002(J)	45(B)	<0.002	0.001	0.0014(J)
	3/18/2014	<0.001	0.015	0.34	<0.001	<0.0005	22	<0.002	0.00067(J)	0.0006(J)
	9/16/2014	<0.001	0.013	0.34	0.00077(J)	<0.0005	23	0.0036(B)	0.00072(J)	0.0019(J)
	3/24/2015	<0.002	0.00088(J)	0.23	<0.002	<0.001	35	<0.002	<0.002	0.00066(J)
	9/23/2015	<0.002	0.0153	0.336	<0.002	<0.001	19.4	<0.002	<0.002	0.00136
	2/9/2016	0.000316(J)	0.0176	0.365	<0.002	<0.001	15.1	0.000775(J)	<0.002	0.0013(J)
	8/24/2016	<0.002	0.0131	0.289	<0.002	<0.001	21.6	0.000766(BJ)	0.000323(J)	<0.005
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/3/2017	<0.002	0.00179(J)	0.0794	<0.002	<0.001	5.96	0.000823(J)	<0.002	0.0039(J)
	5/23/2017	<0.002	0.00355	0.234	<0.002	<0.001	17.1	0.000546(BJ)	0.000441(J)	0.0012(J)
	8/31/2017	<0.002	0.00127(J)	0.209	<0.002	<0.001	22	<0.002	<0.002	0.00117(J)
	11/17/2017	<0.002	0.00556	0.27	<0.002	<0.001	16.8	<0.002	0.000411(J)	0.000809(J)
	3/12/2018	<0.002	0.0024	0.15	<0.002	<0.001	9.03	<0.002	<0.002	0.00398(J)
	6/13/2018	<0.002	0.00239	0.192	<0.002	<0.001	7.45	<0.002	<0.002	0.00217(J)
	9/12/2018	<0.002	0.00438	0.253	<0.002	<0.001	19.8	<0.002	0.000344(J)	<0.005
	12/12/2018	<0.002	0.00305	0.157	<0.002	<0.001	11.2	0.00101(J)	<0.002	0.00182(J)
	3/12/2019	<0.002	0.00155(J)	0.164	<0.002	<0.001	11.1	<0.002	<0.002	0.00116(J)
	6/12/2019	0.00116(J)	0.0064	0.28	<0.002	<0.001	10.2	<0.002	<0.002	0.00058(J)
	9/24/2019	<0.002	0.0059	0.2	<0.002	<0.001	15.1	<0.002	0.000398(J)	<0.005
	12/3/2019	<0.002	0.00525	0.185	<0.002	<0.001	10.9	0.00123(BJ)	0.000459(J)	0.000775(J)

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Historical Database, Mississippi County Class 1 Landfill

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MW-2 (cont.)	3/12/2020	<0.002	0.00545	0.2	0.000204(J)	0.00018(J)	9.87	0.000985(BJ)	0.000365(J)	0.0014(J)
	6/2/2020	<0.004	0.00454	0.216	<0.002	<0.001	7.33	<0.002	<0.002	0.00271(J)
	9/14/2020	<0.004	0.00568	0.214	<0.002	<0.001	15.2	<0.002	<0.002	<0.005
	12/8/2020	<0.004	0.00845	0.296	<0.002	<0.001	19.3	<0.002	0.000489(J)	0.00159(J)
	3/11/2021	<0.004	0.0013(J)	0.133	<0.002	<0.001	14	<0.002	<0.002	0.00212(J)
	6/17/2021	<0.004	0.00139(J)	0.177	<0.002	<0.001	14.3	<0.002	0.00018(J)	<0.005
	9/9/2021	<0.004	0.00291	0.254(B)	<0.002	<0.001	16.9	<0.002	0.000273(J)	<0.005
	12/9/2021	<0.004	0.00918	0.353	<0.002	<0.001	17.4	0.00155(J)	0.000527(J)	<0.005
MW-3	downgradient									
	10/27/1993	<0.05	<0.05(R)	0.334	<0.001	<0.002	n/a	<0.005	<0.003	<0.002
	3/15/1994	<0.02	0.054	0.35	<0.002	<0.004	3.5	<0.003	<0.003	0.007
	6/14/1994	<0.02	0.043	0.334	0.006	<0.004	4	<0.003	<0.003	<0.004
	9/15/1994	<0.02	0.018	0.392	<0.002	<0.004	2.5	<0.003	0.005	0.012
	12/22/1994	<0.02	0.058	0.397	<0.002	<0.004	3	<0.003	<0.003	<0.004
	6/2/1995	<0.02	0.019	0.35	<0.002	<0.004	3.5	<0.003	<0.003	<0.004
	12/14/1995	<0.02	<0.01	0.424	<0.002	0.005	3	0.009	0.003	0.012
	6/13/1996	<0.03	<0.05	0.32	<0.0003	<0.004	2.6	<0.007	<0.007	<0.006
	11/26/1996	<0.03	<0.05	0.22	<0.0003	<0.004	3.2	<0.007	<0.007	<0.006
	4/23/1997	<0.03	0.069	0.43	<0.0003	<0.004	2.9	<0.007	<0.007	<0.006
	10/8/1997	<0.003	<0.04	0.4	<0.0003	<0.004	4.2	<0.007	<0.007	<0.006
	4/13/1998	<0.002	<0.04	0.4	<0.002	<0.003	4	<0.005	<0.007	<0.003
	11/5/1998	<0.002	<0.04	0.46	<0.0004	<0.004	4.7	<0.01	<0.007	<0.01
	4/1/1999	<0.002	0.056	0.4	<0.0004	<0.004	4.7	<0.01	<0.007	<0.01
	10/22/1999	<0.002	0.075	0.38	<0.0004	<0.004	5.5	<0.01	<0.007	<0.01
	5/10/2000	<0.002	0.046	0.5	<0.0004	<0.004	9.7	<0.01	<0.007	<0.01
	10/12/2000	<0.002	<0.04	0.34	<0.0004	<0.004	7.9	<0.01	<0.007	<0.01
	4/26/2001	<0.002	0.041	0.35	<0.0004	<0.02	5.7	<0.01	<0.007	<0.01

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Historical Database, Mississippi County Class 1 Landfill

		Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)
MW-3 (cont.)	10/26/2001	<0.002	0.044	0.35	<0.0004	<0.02	13	<0.01	<0.007	<0.01
	4/10/2002	<0.002	<0.04	0.43	<0.0004	<0.005	12	<0.01	<0.007	<0.01
	11/6/2002	<0.002	<0.04	0.42	<0.0004	<0.005	17	<0.01	<0.007	<0.01
	4/18/2003	<0.002	<0.04	0.45	<0.0004	<0.005	16	<0.01	<0.007	<0.01
	11/5/2003	<0.002	<0.04	0.38	<0.0004	<0.005	16	<0.01	<0.007	<0.01
	4/29/2004	<0.002	<0.04	0.43	<0.0004	<0.005	17	<0.01	<0.007	<0.01
	10/20/2004	<0.002	<0.04	0.42	<0.0004	<0.005	20	<0.01	<0.007	<0.01
	4/27/2005	<0.002	<0.04	0.41	<0.0004	<0.005	17	<0.01	<0.007	<0.01
	10/4/2005	<0.002	<0.04	0.45	<0.0004	<0.005	29	<0.01	<0.007	<0.01
	4/26/2006	<0.002	0.033	0.44	<0.0004	<0.005	23	<0.01	<0.007	<0.01
	10/3/2006	<0.002	0.033	0.43	<0.0004	<0.005	22	<0.01	<0.007	<0.01
	4/11/2007	<0.002	0.043	0.48	<0.0003	<0.005	21	<0.01	<0.007	<0.006
	10/4/2007	<0.002	0.043	0.45	<0.0003	<0.005	22	<0.01	<0.007	<0.006
	4/21/2008	<0.001	0.023	0.44	<0.001	<0.0005	23	<0.01	<0.01	0.00074
	10/9/2008	<0.001	0.044	0.44	<0.001	<0.0005	14	<0.01	<0.01	<0.001
	6/11/2009	<0.001	0.043	0.44	<0.001	<0.0005	19	<0.01	<0.01	<0.001
	11/12/2009	<0.001	0.036	0.53	<0.001	<0.0005	28	<0.01	<0.01	<0.002
	4/13/2010	<0.00021	0.042	0.38	<0.00012	<0.00016	23	<0.00054	<0.00026	<0.00052
	10/11/2010	0.0005(J)	0.041	0.55	<0.005	0.00047(J)	20	0.0013(J)	0.00048(J)	0.00091(J)
	4/12/2011	<0.001	0.036	0.54	<0.001	<0.0005	20	<0.002	<0.001	<0.002
	12/6/2011	0.00027(J)	0.035	0.7	<0.001	<0.0005	26	<0.002	<0.001	<0.002
	5/7/2012	<0.001	0.032	0.58	<0.005	<0.0005	32	0.00066(J)	<0.001	<0.002
	10/8/2012	0.00026(J)	0.037	0.44(B)	<0.001	<0.0005	15	<0.002	0.00046(J)	0.00071(J)
	3/20/2013	<0.001	0.025	0.63	<0.001	<0.0005	28	<0.002	<0.001	<0.002
	9/25/2013	0.00038(J)	0.036	0.61	0.00012(J)	<0.0005	39(B)	<0.002	0.00075(J)	0.0012(J)
	3/18/2014	<0.001	0.03	0.49	<0.001	<0.0005	26	<0.002	0.00036(J)	0.00054(J)
	9/16/2014	<0.001	0.042	0.43	0.00075(J)	<0.0005	24	0.0031(B)	0.00054(J)	0.0011(J)

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MW-3 (cont.)	3/24/2015	<0.002	0.019	0.5	<0.002	<0.001	30	<0.002	<0.002	<0.005
	9/21/2015	<0.002	0.0451	0.61	<0.002	<0.001	32.4	<0.002	<0.002	<0.005
	2/17/2016	<0.002	0.0333	0.421	<0.002	<0.001	27.4	<0.002	<0.002	0.00093(J)
	5/23/2016	n/a	n/a	n/a	n/a	n/a	42	n/a	n/a	n/a
	8/24/2016	<0.002	0.0364	0.483	<0.002	<0.001	29.5	<0.002	<0.002	0.000527(BJ)
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/6/2017	<0.002	0.0322	0.57	<0.002	<0.001	49.5	<0.002	<0.002	0.00182(J)
	5/24/2017	<0.002	0.0374	0.396	<0.002	<0.001	35.9	<0.002	<0.002	0.00083(J)
	9/1/2017	<0.002	0.0424	0.542	<0.002	<0.001	41.7	<0.002	<0.002	<0.005
	11/17/2017	<0.002	0.0408	0.496	<0.002	<0.001	38	<0.002	<0.002	<0.005
	3/13/2018	<0.002	0.0141	0.347	<0.002	<0.001	81	<0.002	0.000682(J)	0.00341(BJ)
	6/13/2018	<0.002	0.0391	0.494	<0.002	<0.001	79.1	<0.002	<0.002	0.000869(J)
	9/13/2018	<0.002	0.01	0.449	<0.002	0.000766(J)	112	<0.002	0.000671(J)	<0.005
	12/13/2018	<0.002	0.0027	0.305	<0.002	<0.001	112	<0.002	0.000729(J)	<0.005
	3/18/2019	<0.002	0.0298	0.372	<0.002	<0.001	36.5	<0.002	0.000609(J)	<0.005
	6/13/2019	<0.002	0.0395	0.469	<0.002	<0.001	25.8	<0.002	<0.002	<0.005
	9/24/2019	<0.002	0.0297	0.444	<0.002	<0.001	91.6	0.000715(J)	0.000651(J)	0.000613(J)
	12/3/2019	<0.002	0.00761	0.344	<0.002	<0.001	127	0.00135(BJ)	0.00105(J)	0.00061(J)
	3/13/2020	<0.002	0.0345	0.354	0.000127(J)	<0.001	36.5	0.000912(BJ)	0.000599(J)	0.000848(J)
	6/2/2020	<0.004	0.0212	0.431	<0.002	<0.001	121	<0.002	0.000638(J)	<0.005
	9/15/2020	<0.004	0.0345	0.513	<0.002	<0.001	91.9	<0.002	0.000485(J)	<0.005
	12/8/2020	<0.004	0.0216	0.53	<0.002	<0.001	162	<0.002	0.00101(J)	<0.005
	3/11/2021	<0.004	0.00436	0.261	<0.002	<0.001	139	<0.002	0.00154(J)	<0.005
	6/17/2021	<0.004	0.00332	0.289	<0.002	<0.001	208	<0.002	0.00141(J)	<0.005
	9/9/2021	<0.004	0.0253	0.468(B)	<0.002	<0.001	115	0.0024	0.00145(J)	0.00347(J)
	12/10/2021	<0.004	0.0396	0.503	<0.002	<0.001	98	<0.002	0.00085(J)	<0.005
MW-4	downgradient									

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MW-4 (cont.)	10/27/1993	<0.05	<0.05(R)	0.335	<0.001	<0.002	n/a	<0.005	<0.003	0.006
	3/15/1994	<0.02	0.054	0.282	<0.002	<0.004	5.5	<0.003	<0.003	<0.004
	6/14/1994	<0.02	0.06	0.304	0.003	<0.004	3	<0.003	<0.003	<0.004
	9/15/1994	<0.02	0.029	0.324	<0.002	<0.004	4.5	<0.003	0.003	0.006
	12/22/1994	<0.02	0.08	0.34	<0.002	<0.004	4.5	<0.003	<0.003	<0.004
	6/2/1995	<0.02	0.047	0.356	<0.002	<0.004	3.5	<0.003	<0.003	<0.004
	12/14/1995	<0.02	<0.01	0.349	<0.002	<0.004	4	0.008	<0.003	0.009
	6/13/1996	<0.03	<0.05	0.32	<0.0003	<0.004	3.2	<0.007	<0.007	<0.006
	11/26/1996	<0.03	0.059	0.31	<0.0003	<0.004	4.1	<0.007	<0.007	<0.006
	4/23/1997	<0.03	0.08	0.32	<0.0003	<0.004	2.1	<0.007	<0.007	<0.006
	10/8/1997	<0.003	<0.04	0.24	<0.0003	<0.004	2.9	<0.007	<0.007	<0.006
	4/13/1998	<0.002	0.075	0.23	<0.002	<0.003	2.5	<0.005	<0.007	<0.003
	11/5/1998	<0.002	0.047	0.24	<0.0004	<0.004	2.6	<0.01	<0.007	<0.01
	4/1/1999	<0.002	0.048	0.19	<0.0004	<0.004	5.6	<0.01	<0.007	<0.01
MW-4R	downgradient									
	10/22/1999	<0.002	0.088	0.49	<0.0004	<0.004	6.9	<0.01	<0.007	<0.01
	5/10/2000	<0.002	0.068	0.53	<0.0004	<0.004	7.1	<0.01	<0.007	<0.01
	10/12/2000	<0.002	0.049	0.42	<0.0004	<0.004	11	<0.01	<0.007	<0.01
	4/26/2001	<0.002	0.044	0.35	<0.0004	<0.02	9.3	<0.01	<0.007	<0.01
	10/26/2001	<0.002	0.042	0.41	<0.0004	<0.02	16	<0.01	<0.007	<0.01
	4/10/2002	<0.002	0.046	0.46	<0.0004	<0.005	21	<0.01	<0.007	<0.01
	11/6/2002	<0.002	<0.04	0.48	<0.0004	<0.005	17	<0.01	<0.007	<0.01
	4/18/2003	<0.002	0.042	0.43	<0.0004	<0.005	20	<0.01	<0.007	<0.01
	11/5/2003	<0.002	<0.04	0.41	<0.0004	<0.005	24	<0.01	<0.007	<0.01
	4/29/2004	<0.002	0.04	0.45	<0.0004	<0.005	22	<0.01	<0.007	<0.01
	10/20/2004	<0.002	0.042	0.44	<0.0004	<0.005	23	<0.01	<0.007	<0.01
	4/27/2005	<0.002	0.049	0.51	<0.0004	<0.005	28	<0.01	<0.007	<0.01

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MW-4R (cont.)	10/4/2005	<0.002	<0.04	0.62	<0.0004	<0.005	42	<0.01	<0.007	<0.01
	4/26/2006	<0.002	0.036	0.55	<0.0004	<0.005	42	<0.01	<0.007	<0.01
	10/3/2006	<0.002	0.029	0.67	<0.0004	<0.005	47	<0.01	<0.007	<0.01
	4/11/2007	<0.002	0.047	0.65	<0.0003	<0.005	50	<0.01	<0.007	<0.006
	10/4/2007	<0.002	0.055	0.6	<0.0003	<0.005	70	<0.01	<0.007	<0.006
	4/21/2008	<0.001	0.042	0.58	<0.001	<0.0005	60	<0.01	<0.01	<0.001
	10/9/2008	<0.001	0.054	0.57	<0.001	<0.0005	69	<0.01	<0.01	<0.001
MW-4R2	downgradient									
	6/11/2009	<0.001	0.042	0.31	<0.001	<0.0005	8.3	<0.01	<0.01	<0.001
	11/12/2009	<0.001	0.039	0.33	<0.001	<0.0005	8.4	<0.01	<0.01	<0.002
	4/14/2010	<0.00021	0.044	0.31	<0.00012	<0.00016	23	<0.00054	<0.00026	<0.00052
	10/12/2010	0.00073(J)	0.05	0.36	0.00033(J)	0.00044(J)	6.8	0.0015(J)	0.00052(J)	0.00084(J)
	4/13/2011	<0.001	0.046	0.35	<0.001	<0.0005	7.6	<0.002	<0.001	<0.002
	12/6/2011	0.00028(J)	0.074	0.44	<0.001	<0.0005	9.7	0.00067	0.0005	0.00052
	5/7/2012	<0.001	0.049	0.36	<0.005	<0.0005	5.9	0.00055(J)	<0.001	<0.002
	10/8/2012	0.00027(J)	0.049	0.26(B)	<0.001	<0.0005	5.5	<0.002	0.0005(J)	<0.002
	3/20/2013	<0.001	0.025	0.16	<0.001	<0.0005	5.2	<0.002	<0.001	<0.002
	9/25/2013	0.00037(J)	0.074	0.33	<0.001	<0.0005	12(B)	<0.002	0.001	0.0013(J)
	3/18/2014	<0.001	0.046	0.21	0.00021(J)	<0.0005	5.4	<0.01	<0.005	<0.01
	9/16/2014	<0.001	0.08	0.25	0.0007(J)	<0.0005	5.9	0.0011(BJ)	0.00049(J)	0.00073(J)
	3/24/2015	<0.002	0.049	0.18	<0.002	<0.001	7.1	<0.002	<0.002	<0.005
	9/23/2015	0.000323(J)	0.0998	0.288	<0.002	<0.001	8.3	<0.002	0.000397	0.000686
	2/9/2016	<0.002	0.0741	0.28	<0.002	<0.001	11.9	0.000723(J)	<0.002	0.00138(J)
	8/24/2016	<0.002	0.0835	0.259	<0.002	<0.001	10.4	0.000844(BJ)	<0.002	0.00109(BJ)
	3/3/2017	<0.002	0.0754	0.371	<0.002	<0.001	12.2	<0.002	<0.002	<0.005
	5/23/2017	<0.002	0.0433	0.283	<0.002	<0.001	12.1	<0.002	<0.002	0.000695(J)
	9/1/2017	<0.002	0.0928	0.315	<0.002	<0.001	13.2	<0.002	0.000441(J)	<0.005

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Historical Database, Mississippi County Class 1 Landfill

		Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)
MW-4R2 (cont.)	11/17/2017	<0.002	0.155	0.375	<0.002	<0.001	14.5	<0.002	0.0009(J)	0.000532(J)
	3/12/2018	<0.002	0.0548	0.379	<0.002	<0.001	13.2	<0.002	<0.002	0.00057(J)
	6/13/2018	<0.002	0.0266	0.264	<0.002	<0.001	14.8	<0.002	<0.002	<0.005
	9/12/2018	<0.002	0.0957	0.306	<0.002	<0.001	13.5	<0.002	0.000705(J)	<0.005
	12/12/2018	<0.002	0.0993	0.288	<0.002	<0.001	12.7	<0.002	0.00108(J)	<0.005
	3/12/2019	<0.002	0.0507	0.349	<0.002	<0.001	15.8	<0.002	<0.002	0.00237(J)
	6/12/2019	<0.002	0.052	0.326	<0.002	<0.001	13.6	<0.002	<0.002	0.000565(J)
	9/24/2019	<0.002	0.0799	0.324	<0.002	<0.001	13.6	<0.002	0.000573(J)	<0.005
	12/3/2019	<0.002	0.0658	0.339	<0.002	<0.001	23.1	0.00131(BJ)	0.000296(J)	<0.005
	3/12/2020	<0.002	0.0666	0.346	<0.002	<0.001	22.6	0.000861(BJ)	<0.002	<0.005
	6/2/2020	<0.004	0.0496	0.319	<0.002	<0.001	26	<0.002	<0.002	<0.005
	9/14/2020	<0.004	0.104	0.393	<0.002	<0.001	28.2	<0.002	0.000515(J)	<0.005
	12/8/2020	<0.004	0.115	0.396	<0.002	<0.001	22.5	<0.002	0.00119(J)	<0.005
	3/11/2021	<0.004	0.104	0.403	<0.002	<0.001	23.8	<0.002	0.000638(J)	<0.005
	6/17/2021	<0.004	0.0848	0.266	<0.002	<0.001	15.5	<0.002	0.000352(J)	<0.005
	9/9/2021	<0.004	0.114	0.364(B)	<0.002	<0.001	18.3	0.00152(J)	0.000854(J)	<0.005
	12/9/2021	<0.004	0.112	0.418	<0.002	<0.001	17.9	0.00372	0.000468(J)	<0.005
MW-5	downgradient									
	6/14/1994	<0.02	<0.01	1.67	0.02	<0.004	4.5	<0.003	0.062	0.176
	9/15/1994	<0.02	<0.01	0.406	<0.002	<0.004	4	<0.003	0.008	0.019
	12/22/1994	<0.02	<0.01	0.568	<0.002	<0.004	3	<0.003	0.01	0.025
	6/2/1995	<0.02	<0.01	0.197	<0.002	<0.004	1.5	<0.003	<0.003	<0.004
	12/14/1995	0.028	<0.01	0.348	0.002	0.004	1.5	0.01	0.004	0.014
	6/13/1996	<0.03	<0.05	0.17	<0.0003	<0.004	3.4	<0.007	<0.007	<0.006
	11/26/1996	<0.03	<0.05	0.19	<0.0003	<0.004	3.5	<0.007	<0.007	<0.006
	4/23/1997	<0.03	<0.05	0.33	0.00054	<0.004	1.9	0.008	<0.007	0.01
	10/8/1997	<0.003	<0.04	0.14	<0.0003	<0.004	3.5	<0.007	<0.007	<0.006

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MW-5 (cont.)	4/13/1998	<0.002	<0.04	0.14	<0.002	<0.003	3.2	<0.005	<0.007	<0.003
	11/5/1998	<0.002	<0.04	0.18	<0.0004	<0.004	2.6	<0.01	<0.007	<0.01
	4/1/1999	<0.002	<0.04	0.13	<0.0004	<0.004	4.3	<0.01	<0.007	<0.01
	10/22/1999	<0.002	<0.04	0.19	<0.0004	<0.004	4.5	<0.01	<0.007	<0.01
	5/10/2000	<0.002	<0.04	0.27	<0.0004	<0.004	5.3	<0.01	<0.007	<0.01
	10/12/2000	<0.002	<0.04	0.22	<0.0004	<0.004	4.2	<0.01	<0.007	<0.01
	4/26/2001	<0.002	<0.04	0.2	<0.0004	<0.02	5	<0.01	<0.007	<0.01
	10/26/2001	<0.002	<0.04	0.2	<0.0004	<0.02	4.6	<0.01	<0.007	<0.01
	4/10/2002	<0.002	<0.04	0.21	<0.0004	<0.005	6.5	<0.01	<0.007	<0.01
	11/6/2002	<0.002	<0.04	0.15	<0.0004	<0.005	13	<0.01	<0.007	<0.01
	4/18/2003	<0.002	<0.04	0.14	<0.0004	<0.005	9.7	<0.01	<0.007	<0.01
MW-5R	downgradient									
	11/5/2003	<0.002	0.057	0.3	<0.0004	<0.005	3	<0.01	<0.007	<0.01
	4/29/2004	<0.002	0.05	0.32	<0.0004	<0.005	2.3	<0.01	<0.007	<0.01
	10/20/2004	<0.002	0.057	0.33	<0.0004	<0.005	2.4	<0.01	<0.007	<0.01
	4/27/2005	<0.002	0.047	0.34	<0.0004	<0.005	2.6	<0.01	<0.007	<0.01
	10/4/2005	<0.002	0.063	0.35	<0.0004	<0.005	3.1	<0.01	<0.007	<0.01
	4/26/2006	<0.002	0.055	0.37	<0.0004	<0.005	2.6	<0.01	<0.007	<0.01
	10/3/2006	<0.002	0.046	0.33	<0.0004	<0.005	3	<0.01	<0.007	<0.01
	4/11/2007	<0.002	0.057	0.39	<0.0003	<0.005	2.8	<0.01	<0.007	<0.006
	10/4/2007	<0.002	0.083	0.39	<0.0003	<0.005	3.2	<0.01	<0.007	<0.006
	4/21/2008	<0.001	0.032	0.34	<0.001	<0.0005	2.2	<0.01	<0.01	0.0012
	10/9/2008	<0.001	0.066	0.33	<0.001	<0.0005	2.3	<0.01	<0.01	<0.001
	6/11/2009	<0.001	0.056	0.35	<0.001	<0.0005	4.1	<0.01	<0.01	<0.001
	11/12/2009	<0.001	0.052	0.35	<0.005	<0.0005	3.6	<0.01	<0.01	<0.002
	4/14/2010	<0.00021	0.05	0.41	<0.00012	<0.00016	2.8	<0.00054	<0.00026	<0.00052
	10/12/2010	0.00052(J)	0.064	0.41	<0.005	0.00042(J)	1.9	0.00081(J)	0.0005(J)	0.00053(J)

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MW-5R (cont.)	4/13/2011	<0.001	0.052	0.4	<0.001	<0.0005	3.2	<0.002	<0.001	<0.002
	12/6/2011	0.00096(J)	0.08	0.43	<0.001	<0.0005	7.3	<0.002	0.0004	0.0007
	5/7/2012	<0.001	0.062	0.42	<0.005	<0.0005	3.7	<0.002	<0.001	<0.002
	10/8/2012	0.00022(J)	0.064	0.37(B)	<0.001	<0.0005	4.2	<0.002	0.00069(J)	0.0011(J)
	3/20/2013	<0.001	0.048	0.34	<0.001	<0.0005	3.9	<0.002	<0.001	<0.002
	9/25/2013	0.00041(J)	0.0019	0.23	0.00012(J)	<0.0005	5.6(B)	<0.002	0.00073(J)	0.0014(J)
	3/18/2014	0.00032(J)	0.048	0.36	0.00027(J)	0.00017(J)	4.7	<0.01	<0.005	<0.01
	9/17/2014	<0.001	0.072	0.35	0.00073(J)	<0.0005	3.8	0.0022(B)	0.00043(J)	0.00097(J)
	3/24/2015	<0.002	0.0046	0.18	<0.002	<0.001	4.3	<0.002	<0.002	<0.005
	9/23/2015	<0.002	0.0862	0.396	<0.002	<0.001	4.1	<0.002	<0.002	0.000778
	2/9/2016	<0.002	0.0528	0.416	<0.002	<0.001	5.04	0.000796(J)	<0.002	0.00192(J)
	5/23/2016	n/a	n/a	n/a	n/a	n/a	10.2	n/a	n/a	n/a
	8/24/2016	<0.002	0.0811	0.363	<0.002	<0.001	3.95	0.000881(BJ)	<0.002	0.000852(BJ)
	3/3/2017	<0.002	0.0592	0.421	<0.002	<0.001	4.3	<0.002	<0.002	<0.005
	5/23/2017	<0.002	0.0547	0.394	<0.002	<0.001	5.84	<0.002	<0.002	0.000617(J)
	9/1/2017	<0.002	0.092	0.383	<0.002	<0.001	3.87	<0.002	0.000288(J)	<0.005
	11/17/2017	<0.002	0.0715	0.387	<0.002	<0.001	5.33	<0.002	<0.002	0.00112(J)
	3/13/2018	<0.002	0.0606	0.431	0.000147(J)	<0.001	7.03	<0.002	<0.002	0.00603(B)
	6/13/2018	<0.002	0.0428	0.364	<0.002	<0.001	8.89	<0.002	<0.002	0.000621(J)
	9/13/2018	<0.002	0.0909	0.384	<0.002	<0.001	5.55	<0.002	0.000363(J)	<0.005
	12/13/2018	0.00105(J)	0.0679	0.423	<0.002	<0.001	6.77	0.00076(J)	<0.002	<0.005
	3/13/2019	<0.002	0.0581	0.441	<0.002	<0.001	7.64	<0.002	<0.002	<0.005
	6/13/2019	<0.002	0.06	0.466	<0.002	<0.001	9.8	<0.002	<0.002	0.000767(J)
	9/24/2019	<0.002	0.0774	0.394	<0.002	<0.001	7.34	0.000962(J)	0.000271(J)	0.0011(J)
	12/3/2019	<0.002	0.0595	0.418	<0.002	<0.001	7.5	0.00118(BJ)	<0.002	0.000844(J)
	3/12/2020	<0.002	0.0599	0.442	<0.002	<0.001	10.7	0.000842(BJ)	<0.002	0.000732(J)
	6/2/2020	<0.004	0.0532	0.454	<0.002	<0.001	12.5	<0.002	<0.002	<0.005

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MW-5R (cont.)	9/14/2020	<0.004	0.086	0.401	<0.002	<0.001	9.22	<0.002	0.000498(J)	<0.005
	12/8/2020	<0.004	0.1	0.431	<0.002	<0.001	7.61	<0.002	0.000573(J)	<0.005
	3/11/2021	<0.004	0.0899	0.427	<0.002	<0.001	9.07	<0.002	0.000464(J)	<0.005
	6/17/2021	<0.004	0.064	0.392	<0.002	<0.001	9.71	<0.002	0.000185(J)	<0.005
	9/9/2021	<0.004	0.0941	0.387(B)	<0.002	<0.001	7.06	<0.002	0.000717(J)	<0.005
	12/9/2021	<0.004	0.118	0.448	<0.002	<0.001	7.01	<0.002	0.000859(J)	<0.005
MW-6	downgradient									
	11/5/2003	<0.002	<0.04	0.41	<0.0004	<0.005	10	<0.01	<0.007	<0.01
	4/29/2004	<0.002	<0.04	0.36	<0.0004	<0.005	9	<0.01	<0.007	<0.01
	10/20/2004	<0.002	<0.04	0.38	<0.0004	<0.005	7.7	<0.01	<0.007	<0.01
	4/27/2005	<0.002	<0.04	0.36	<0.0004	<0.005	8.7	<0.01	<0.007	<0.01
	10/4/2005	<0.002	<0.04	0.36	<0.0004	<0.005	7.2	<0.01	<0.007	<0.01
	4/26/2006	<0.002	<0.001	0.38	<0.0004	<0.005	15	<0.01	<0.007	<0.01
	10/3/2006	<0.002	<0.001	0.37	<0.0004	<0.005	18	<0.01	<0.007	<0.01
	4/11/2007	<0.002	0.0041	0.4	<0.0003	<0.005	19	<0.01	<0.007	<0.006
	10/4/2007	<0.002	0.0046	0.35	<0.0003	<0.005	12	<0.01	<0.007	<0.006
	4/21/2008	<0.001	0.0028	0.34	<0.001	<0.0005	20	<0.01	<0.01	0.0015
	10/9/2008	<0.001	0.0043	0.33	<0.001	<0.0005	13	<0.01	<0.01	<0.001
	6/11/2009	<0.001	0.0042	0.36	<0.001	<0.0005	23	<0.01	<0.01	0.0012
	11/12/2009	<0.001	0.0013	0.28	<0.005	<0.0005	18	<0.01	<0.01	<0.002
	4/14/2010	<0.00021	0.0028	0.33	<0.00012	<0.00016	18	<0.00054	<0.00026	<0.00052
	10/12/2010	0.0005(J)	0.0046	0.43	0.00031(J)	0.0004(J)	12	0.0016(J)	0.00046(J)	<0.002
	4/13/2011	<0.001	0.0016	0.3	<0.001	<0.0005	17	<0.002	<0.001	<0.002
	12/6/2011	0.00032(J)	0.0025	0.28	<0.001	<0.0005	19	<0.002	0.00033	<0.002
	5/8/2012	<0.001	0.0034	0.29	<0.005	<0.0005	15	<0.002	<0.001	<0.002
	10/8/2012	0.00022(J)	0.0048	0.4(B)	0.00012(J)	<0.0005	18	<0.002	0.00051(J)	<0.002
	3/20/2013	<0.001	0.0016	0.23	<0.001	<0.0005	16	0.00071(J)	0.00027(J)	<0.002

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MW-6 (cont.)	9/25/2013	<0.001	0.0011	0.25	<0.001	<0.0005	24(B)	<0.002	0.00028(J)	<0.002
	3/19/2014	0.00028(J)	0.0017	0.23	0.00028(J)	0.00017(J)	17	<0.002	0.00063(J)	<0.002
	9/17/2014	<0.001	0.0029	0.26	0.00075(J)	<0.0005	32	0.0028(B)	0.00069(J)	0.00096(J)
	3/24/2015	<0.002	0.00094(J)	0.26	<0.002	<0.001	26	<0.002	<0.002	<0.005
	9/23/2015	<0.002	0.00357	0.295	<0.002	<0.001	27.2	<0.002	0.000437	0.000669
	2/9/2016	<0.002	0.00393	0.351	<0.002	<0.001	31.6	0.000593(J)	0.000339(J)	0.00161(J)
	5/23/2016	n/a	n/a	n/a	n/a	n/a	25.5	n/a	n/a	n/a
	8/24/2016	<0.002	0.00103(J)	0.258	<0.002	<0.001	32.4	0.00105(BJ)	0.000382(J)	0.00113(BJ)
	3/6/2017	<0.002	0.00155(J)	0.306	<0.002	<0.001	40.2	<0.002	0.00066(J)	0.000542(J)
	5/23/2017	<0.002	0.00289	0.35	<0.002	<0.001	46.4	<0.002	0.000497(J)	0.000653(J)
	9/1/2017	<0.002	0.00287	0.401	<0.002	<0.001	86.9	<0.002	0.00117(J)	<0.005
	11/17/2017	<0.002	0.00254	0.406	<0.002	<0.001	114	<0.002	0.00116(J)	0.000666(J)
	3/13/2018	<0.002	0.00357	0.452	<0.002	<0.001	104	0.000564(J)	0.00083(J)	0.00679(B)
	6/13/2018	<0.002	0.0023	0.354	<0.002	<0.001	79	<0.002	0.00184(J)	0.00133(J)
	9/13/2018	<0.002	0.00287	0.348	<0.002	<0.001	76.5	<0.002	0.00102(J)	<0.005
	12/13/2018	<0.002	0.00385	0.427	<0.002	<0.001	72	<0.002	0.000785(J)	<0.005
	3/14/2019	<0.002	0.00346	0.45	<0.002	<0.001	73.6	<0.002	0.000567(J)	0.000701(J)
	6/13/2019	<0.002	0.00293	0.419	<0.002	<0.001	58.3	<0.002	0.00128(J)	<0.005
	9/24/2019	<0.002	0.00369	0.335	<0.002	<0.001	43.6	0.000725(J)	0.000777(J)	0.000828(J)
	12/3/2019	<0.002	0.00227	0.315	<0.002	<0.001	53.4	0.00127(BJ)	0.000966(J)	0.000736(J)
	3/13/2020	0.0011(J)	0.00339	0.358	0.000145(J)	<0.001	47.5	0.000987(BJ)	0.000922(J)	0.000941(J)
	6/2/2020	<0.004	0.00258	0.339	<0.002	<0.001	44.6	<0.002	0.000922(J)	<0.005
	9/14/2020	<0.004	0.00277	0.335	<0.002	<0.001	40.9	<0.002	0.000655(J)	<0.005
	12/8/2020	<0.004	0.00289	0.31	<0.002	<0.001	35.3	<0.002	0.000958(J)	0.00279(J)
	3/11/2021	<0.004	0.00317	0.304	<0.002	<0.001	30.9	<0.002	0.000492(J)	<0.005
	6/17/2021	<0.004	0.00223	0.273	<0.002	<0.001	32.3	<0.002	0.00086(J)	<0.005
	9/9/2021	<0.004	0.00312	0.323(B)	<0.002	<0.001	32.9	<0.002	0.000614(J)	<0.005

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MW-6 (cont.)	12/9/2021	0.00231(J)	0.00462	0.475	<0.002	<0.001	26	<0.002	0.000785(J)	<0.005
OB-1	upgradient									
	4/11/2007	<0.002	0.075	0.28	<0.0003	<0.005	2.5	<0.01	<0.007	<0.006
	11/30/2016	<0.002	0.0739	0.284	<0.002	<0.001	1.53	<0.002	<0.002	0.000946(J)
	3/1/2017	<0.002	0.068	0.261	<0.002	0.000944(J)	1.46	<0.002	<0.002	0.00187(J)
	5/17/2017	<0.002	0.041	0.281	<0.002	0.000785(J)	1.68	<0.002	<0.002	<0.005
	8/16/2017	<0.002	0.0588	0.296	<0.002	0.000214(J)	1.29	<0.002	<0.002	<0.005
	11/13/2017	<0.002	0.0728	0.297	<0.002	<0.001	2.12	<0.002	<0.002	0.000647(J)
	3/12/2018	<0.002	0.0541	0.297	0.000308(J)	0.000951(J)	1.21	<0.002	<0.002	0.00228(J)
	6/11/2018	<0.002	0.0428	0.323	<0.002	0.00104	1.22(B)	<0.002	<0.002	0.000988(J)
	9/12/2018	<0.002	0.0547	0.32	<0.002	<0.001	1.4	<0.002	<0.002	<0.005
	12/11/2018	<0.002	0.0511	0.32	<0.002	0.000173(J)	1.26(B)	<0.002	<0.002	<0.005
	3/12/2019	<0.002	0.0326	0.255	<0.002	0.000239(J)	1.03	<0.002	<0.002	0.000873(J)
	6/12/2019	<0.002	0.0321	0.275	<0.002	0.000547(J)	0.528(J)	<0.002	<0.002	0.000775(J)
	9/24/2019	<0.002	0.0474	0.29	<0.002	<0.001	1.31	0.00118(J)	<0.002	<0.005
	12/3/2019	<0.002	0.0379	0.248	<0.002	<0.001	0.999(J)	0.001(BJ)	<0.002	0.000773(J)
	3/10/2020	<0.002	0.00202	0.176	<0.002	0.000442(J)	0.942(J)	0.00116(BJ)	<0.002	<0.005
	6/2/2020	<0.004	0.0171	0.219	<0.002	<0.001	1.13	<0.002	<0.002	<0.005
	9/14/2020	<0.004	0.0735	0.303	<0.002	<0.001	1.23	<0.002	<0.002	<0.005
	12/8/2020	<0.004	0.0866	0.308	<0.002	0.000169(J)	1.51(B)	<0.002	0.000149(J)	<0.005
	3/9/2021	<0.004	0.0308	0.235	<0.002	0.000276(J)	1.44(B)	<0.002	0.0002(J)	<0.005
	6/14/2021	<0.004	0.048	0.304	<0.002	<0.001	1.17	<0.002	0.000134(J)	<0.005
	9/8/2021	<0.004	0.0775	0.293(B)	<0.002	0.000291(J)	1.37	<0.002	0.000156(J)	<0.005
	12/7/2021	<0.004	0.0909	0.287	<0.002	0.00162	1.92	<0.002	0.00017(J)	<0.005
MW-10	upgradient									
	4/2/2013	0.00062(J)	0.0045	0.16	0.0002(J)	<0.0005	3.9	<0.002	0.00073(J)	0.0011(J)
	6/12/2013	<0.001	0.001	0.13	<0.001	<0.0005	3.4	<0.002	<0.001	0.00069(J)

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MW-10 (cont.)	9/25/2013	<0.001	0.0014	0.12	<0.001	<0.0005	6(B)	<0.002	0.0011	0.00096(J)
	12/11/2013	<0.005	0.0069	0.18	<0.001	<0.0025	4.6	<0.01	0.00056(J)	<0.002
	3/19/2014	0.00031(J)	0.0085	0.077	0.0003(J)	0.0003(J)	2.6	<0.002	0.0013	0.00076(J)
	6/25/2014	<0.001	0.012	0.094	<0.001	0.0009	2.9	<0.002	0.00065(J)	0.00087(J)
	9/18/2014	<0.001	0.019	0.12	0.00073(J)	<0.0005	3.7	0.0021(B)	0.0014	0.00095(J)
	12/16/2014	<0.002	0.017	0.2	<0.002	<0.001	12	<0.002	0.0019(J)	<0.005
	3/25/2015	<0.002	0.00046(J)	0.081	<0.002	<0.001	2.5	<0.002	<0.002	0.00075(J)
	9/24/2015	<0.002	0.00693	0.0991	<0.002	<0.001	3.65	<0.002	0.000893	0.00148
	2/18/2016	0.00029(J)	0.00105(J)	0.073	<0.002	<0.001	2.01	<0.002	<0.002	0.00142(J)
	8/25/2016	0.00106(BJ)	0.00724	0.0983	<0.002	<0.001	3.1	0.000988(BJ)	0.000678(J)	<0.005
	5/18/2017	<0.002	0.0015(J)	0.0873	<0.002	<0.001	1.89	<0.002	0.000408(J)	0.000746(J)
	11/14/2017	<0.002	0.00422	0.101	<0.002	<0.001	2.95	<0.002	0.000418(J)	<0.005
	6/11/2018	<0.002	0.00404	0.0821	<0.002	<0.001	2	<0.002	0.000456(J)	0.00117(J)
	12/17/2018	<0.002	0.00502	0.0754	<0.002	<0.001	1.53	0.000556(J)	0.000884(J)	0.00112(J)
	6/19/2019	<0.002	0.00753	0.097	<0.002	<0.001	2.66	<0.002	0.000539(J)	0.00159(BJ)
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<0.002	0.00102(J)	0.0824	<0.002	<0.001	1.57	0.00145(BJ)	<0.002	0.00143(J)
	6/10/2020	<0.004	0.00499	0.1	<0.002	<0.001	2.2	<0.002	<0.002	<0.005
	12/10/2020	<0.004	0.00263	0.113	<0.002	<0.001	2.93(B)	<0.002	0.000256(J)	0.00239(J)
	6/15/2021	<0.004	0.00284	0.123	<0.002	<0.001	2.49	<0.002	0.000304(J)	<0.005
	12/8/2021	<0.004	0.00502	0.173	<0.002	<0.001	2.94	0.00205	0.000639(J)	0.00178(J)
MW-11	upgradient									
	11/5/2015	0.000306(J)	0.048	0.288	<0.002	<0.001	3.67	<0.002	0.002	<0.005
	2/10/2016	<0.002	0.0546	0.277	<0.002	<0.001	4.31	0.000626(J)	0.00239	0.00152(J)
	5/19/2016	<0.002	0.0674	0.32	<0.002	<0.001	4.09	<0.002	0.00249	<0.005
	8/28/2016	<0.002	0.0685	0.299	<0.002	<0.001	4.71	0.000783(BJ)	0.00227	0.000569(BJ)
	12/1/2016	<0.002	0.0632	0.271	<0.002	<0.001	3.88	<0.002	0.00193(J)	<0.005

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MW-11 (cont.)	3/2/2017	<0.002	0.0477	0.248	<0.002	<0.001	3.86	<0.002	0.00147(J)	<0.005
	5/19/2017	<0.002	0.0731	0.286	<0.002	<0.001	4.79	<0.002	0.00236	<0.005
	8/17/2017	<0.002	0.0672	0.256	<0.002	<0.001	3.99	<0.002	0.00186(J)	<0.005
	11/14/2017	<0.002	0.066	0.251	<0.002	<0.001	3.48	<0.002	0.00174(J)	0.0013(J)
	6/11/2018	<0.002	0.0715	0.302	<0.002	<0.001	3.79	<0.002	0.00208	<0.005
	12/17/2018	<0.002	0.0321	0.0989	<0.002	<0.001	1.96	0.000647(J)	0.00157(J)	0.00122(J)
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/20/2019	<0.002	0.04	0.182	<0.002	<0.001	3.67	<0.002	0.000563(J)	0.00201(BJ)
	12/5/2019	<0.002	0.0271	0.149	<0.002	<0.001	3	0.00144(BJ)	0.000272(J)	0.000652(J)
	6/10/2020	<0.004	0.0544	0.155	<0.002	<0.001	3.87	<0.002	<0.002	0.00339(J)
	12/9/2020	<0.004	0.0329	0.224	<0.002	<0.001	3.02(B)	<0.002	0.000214(J)	0.00186(J)
	3/9/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	4/19/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/15/2021	<0.004	0.0562	0.203	<0.002	<0.001	3.14	0.00263	0.000412(J)	<0.005
	9/8/2021	n/a	n/a	n/a	n/a	n/a	n/a	<0.002	n/a	n/a
	12/8/2021	<0.004	0.0556	0.217	<0.002	<0.001	2.54	0.00748	0.000227(J)	<0.005
MW-12	downgradient									
	11/5/2015	<0.002	0.0929	0.246	<0.002	<0.001	5.77	<0.002	0.00159	<0.005
	2/10/2016	<0.002	0.0526	0.174	<0.002	<0.001	4.65	0.000692(J)	0.00155(J)	0.00173(J)
	5/19/2016	0.000349(J)	0.0644	0.206	<0.002	<0.001	4.25	<0.002	0.00141(J)	<0.005
	8/28/2016	<0.002	0.0679	0.255	<0.002	<0.001	5.47	0.000662(BJ)	0.00199(J)	0.000923(BJ)
	12/1/2016	<0.002	0.0915	0.246	<0.002	<0.001	5.54	<0.002	0.00183(J)	<0.005
	3/2/2017	<0.002	0.0078	0.127	<0.002	<0.001	4.06	<0.002	0.000358(J)	0.00065(J)
	5/19/2017	<0.002	0.101	0.25	<0.002	<0.001	6.07	<0.002	0.00186(J)	<0.005
	8/17/2017	<0.002	0.0381	0.161	<0.002	<0.001	4.39	<0.002	0.00252	<0.005
	11/14/2017	<0.002	0.0404	0.148	<0.002	<0.001	6.13	<0.002	0.00279	<0.005
	6/11/2018	<0.002	0.0626	0.198	<0.002	<0.001	7.32	<0.002	0.00253	<0.005

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MW-12 (cont.)	12/17/2018	<0.002	0.0178	0.106	<0.002	<0.001	3.38	0.000622(J)	0.00127(J)	0.000684(J)
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/20/2019	<0.002	0.0571	0.167	<0.002	<0.001	6.3	<0.002	0.00147(J)	0.000645(BJ)
	12/5/2019	<0.002	0.0112	0.124	<0.002	<0.001	4.25	0.00118(BJ)	0.000695(J)	<0.005
	6/10/2020	<0.004	0.0369	0.188	<0.002	<0.001	5.9	<0.002	0.000982(J)	<0.005
	12/10/2020	<0.004	0.0151	0.158	<0.002	<0.001	5.2(B)	<0.002	0.00137(J)	<0.005
	6/16/2021	<0.004	0.0318	0.173	<0.002	<0.001	6.53	<0.002	0.00137(J)	<0.005
	12/8/2021	<0.004	0.0344	0.175	<0.002	<0.001	5.22	0.00498	0.00123(J)	0.00442(J)
MW-13	downgradient									
	11/5/2015	<0.002	0.0359	0.282	<0.002	<0.001	7.6(O)	<0.002	<0.002	<0.005
	2/10/2016	<0.002	0.0531	0.356	<0.002	<0.001	4.52	0.000887(J)	<0.002	0.00184(J)
	5/19/2016	<0.002	0.0536	0.296	<0.002	<0.001	4.24	<0.002	0.000919(J)	<0.005
	8/28/2016	<0.002	0.056	0.359	<0.002	<0.001	4.19	0.00108(BJ)	<0.002	0.00182(BJ)
	12/1/2016	<0.002	0.0437	0.295	<0.002	<0.001	4.19	<0.002	0.000526(J)	<0.005
	3/2/2017	<0.002	0.012	0.216	<0.002	<0.001	5.17	<0.002	<0.002	0.00113(J)
	5/24/2017	<0.002	0.0543	0.352	<0.002	<0.001	4.2	<0.002	<0.002	<0.005
	8/18/2017	<0.002	0.0522	0.352	<0.002	<0.001	3.81	<0.002	<0.002	0.00805
	11/14/2017	<0.002	0.0507	0.327	<0.002	<0.001	4.93	<0.002	<0.002	<0.005
	6/11/2018	<0.002	0.0571	0.365	<0.002	<0.001	4.18	<0.002	<0.002	0.000548(J)
	12/19/2018	<0.002	0.0236	0.109	<0.002	<0.001	4.22	0.000669(J)	0.00174(J)	0.000628(J)
	6/20/2019	<0.002	0.0169	0.0956	<0.002	<0.001	3.73	<0.002	0.000338(J)	0.000783(BJ)
	12/5/2019	<0.002	0.0068	0.102	<0.002	<0.001	3.14	0.00152(BJ)	<0.002	0.000709(J)
	6/10/2020	<0.004	0.0393	0.198	<0.002	<0.001	3.5(J)	<0.002	<0.002	<0.005
	12/10/2020	<0.004	0.0163	0.167	<0.002	<0.001	3(B)	<0.002	0.000245(J)	<0.005
	6/16/2021	<0.004	0.0314	0.221	<0.002	<0.001	3.3	0.00147(J)	0.000193(J)	<0.005
	12/8/2021	<0.004	0.024	0.238	<0.002	<0.001	3.47	0.00128(J)	0.000118(J)	0.00221(J)
MW-14	downgradient									

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MW-14 (cont.)	11/6/2015	<0.002	0.0385	0.18	<0.002	<0.001	6.46	<0.002	<0.002	<0.005
	2/18/2016	0.000216(J)	0.0426	0.169	<0.002	<0.001	3.24	<0.002	<0.002	0.000766(J)
	5/23/2016	<0.002	0.0427	0.266	<0.002	<0.001	3.36	<0.002	<0.002	<0.005
	8/29/2016	<0.002	0.0456	0.226	<0.002	<0.001	3.4	0.000857(BJ)	<0.002	0.000787(BJ)
	12/1/2016	<0.002	0.0459	0.184	<0.002	<0.001	3.12	<0.002	<0.002	<0.005
	3/2/2017	<0.002	0.0481	0.191	<0.002	<0.001	2.95	<0.002	<0.002	0.0013(J)
	5/22/2017	<0.002	0.0302	0.148	<0.002	<0.001	3.08	<0.002	<0.002	0.000524(J)
	8/18/2017	<0.002	0.0553	0.249	<0.002	<0.001	3.11	<0.002	<0.002	<0.005
	11/16/2017	<0.002	0.0461	0.188	<0.002	<0.001	3.77	<0.002	<0.002	<0.005
	6/13/2018	<0.002	0.0209	0.148	<0.002	<0.001	3.04	<0.002	<0.002	0.000669(J)
	12/19/2018	<0.002	0.049	0.188	<0.002	<0.001	2.88	<0.002	<0.002	<0.005
	6/19/2019	<0.002	0.0445	0.323	<0.002	<0.001	3.51	<0.002	<0.002	0.00161(BJ)
	9/24/2019	n/a	n/a	0.307	n/a	n/a	n/a	n/a	n/a	n/a
	12/5/2019	<0.002	0.0489	0.322	<0.002	<0.001	2.66	0.0013(BJ)	<0.002	<0.005
	3/10/2020	n/a	n/a	0.119	n/a	n/a	n/a	n/a	n/a	n/a
	6/5/2020	<0.004	0.0438	0.315	<0.002	<0.001	2.85	<0.002	<0.002	<0.005
	12/11/2020	<0.004	0.0506	0.331	<0.002	<0.001	3.04(B)	<0.002	6.78E-05(J)	<0.005
	6/16/2021	<0.004	0.042	0.301	<0.002	<0.001	2.69	<0.002	<0.002	<0.005
	12/8/2021	<0.004	0.0524	0.355	<0.002	<0.001	2.93	<0.002	8.22E-05(J)	0.00166(J)
MW-15	downgradient									
	4/3/2013	0.00063(J)	0.0025	0.1	0.00024(J)	0.00016(J)	2	0.0017(J)	0.00098(J)	0.0023
	4/3/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/12/2013	<0.001	0.001	0.11	<0.001	<0.0005	2.5	<0.002	0.0004(J)	0.00083(J)
	9/25/2013	<0.001	0.00088(J)	0.055	<0.001	<0.0005	3.4(B)	<0.002	<0.001	0.00081(J)
	12/12/2013	<0.005	0.0018	0.073	<0.001	<0.0025	1.3	<0.01	0.00027(J)	<0.002
MW-15R	3/19/2014	0.00082(J)	0.02	0.63	0.0026	0.0013	6.1	0.054	0.025	0.055
	downgradient									

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MW-15R (cont.)	11/6/2015	<0.002	0.0269	0.152	<0.002	<0.001	3.46	<0.002	0.000774	<0.005
	5/23/2016	<0.002	0.0308	0.173	<0.002	<0.001	1.97	0.00209	0.00112(J)	0.00229(J)
	8/29/2016	<0.002	0.0298	0.165	<0.002	<0.001	2.33	0.000895(BJ)	0.000886(J)	<0.005
	12/1/2016	<0.002	0.03	0.14	<0.002	<0.001	2.14	<0.002	0.000927(J)	<0.005
	3/2/2017	<0.002	0.0235	0.148	<0.002	<0.001	2.11	<0.002	0.000555(J)	0.00117(J)
	5/23/2017	<0.002	0.0283	0.145	<0.002	<0.001	2.17	<0.002	0.000906(J)	<0.005
	8/18/2017	<0.002	0.034	0.296	<0.002	<0.001	4.12	<0.002	0.00114(J)	<0.005
	11/16/2017	<0.002	0.0322	0.23	0.000387(J)	0.000389(J)	16.2	0.00117(J)	0.00133(J)	0.00102(J)
	6/13/2018	<0.002	0.0306	0.173	<0.002	<0.001	2.78	<0.002	0.000904(J)	0.00101(J)
	9/13/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/19/2018	<0.002	0.0288	0.226	<0.002	0.000168(J)	7.47	<0.002	0.000849(J)	0.000949(J)
	6/19/2019	<0.002	0.0312	0.193	<0.002	<0.001	3.99	<0.002	0.00102(J)	<0.005
	12/3/2019	<0.002	0.0297	0.211	<0.002	<0.001	7.92	0.00135(BJ)	0.000945(J)	0.000665(J)
	6/4/2020	<0.004	0.0336	0.205	<0.002	<0.001	2.63	<0.002	0.00102(J)	<0.005
	12/10/2020	<0.004	0.0308	0.242	<0.002	<0.001	12.7(B)	<0.002	0.00106(J)	<0.005
	6/16/2021	<0.004	0.0252	0.224	<0.002	<0.001	15	<0.002	0.000983(J)	<0.005
	12/9/2021	<0.004	0.0332	0.244	<0.002	<0.001	6.31	0.00134(J)	0.00101(J)	<0.005
MW-16	downgradient									
	11/5/2015	<0.002	0.0314	0.268	<0.002	<0.001	4.9	<0.002	0.00103	<0.005
	8/29/2016	<0.002	0.0304	0.296	<0.002	<0.001	4.34	0.000878(BJ)	0.000836(J)	0.000755(BJ)
	12/5/2016	<0.002	0.0306	0.29	<0.002	<0.001	4.28	<0.002	0.000988(J)	<0.005
	3/2/2017	<0.002	0.0284	0.283	<0.002	<0.001	4.26	0.000691(J)	0.00108(J)	0.0105
	5/23/2017	<0.002	0.0315	0.293	<0.002	<0.001	3.96	<0.002	0.000843(J)	<0.005
	8/18/2017	<0.002	0.0308	0.165	<0.002	<0.001	2.06	<0.002	0.000742(J)	<0.005
	11/16/2017	<0.002	0.0357	0.32	<0.002	<0.001	5.03	<0.002	0.00142(J)	<0.005
	3/14/2018	<0.002	0.0315	0.292	<0.002	<0.001	4	<0.002	0.000864(J)	<0.005
	6/12/2018	<0.002	0.0345	0.294	<0.002	<0.001	3.55	<0.002	0.00118(J)	<0.005

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MW-16 (cont.)	12/20/2018	<0.002	0.0334	0.339	<0.002	<0.001	3.91	0.000657(J)	0.00116(J)	0.000628(J)
	6/18/2019	<0.002	0.0321	0.342	<0.002	<0.001	5.13	0.00123(BJ)	0.00113(J)	0.00372(BJ)
	12/4/2019	<0.002	0.0338	0.389	<0.002	<0.001	6.3	0.00154(BJ)	0.00134(J)	<0.005
	3/12/2020	n/a	n/a	0.39	n/a	n/a	n/a	n/a	n/a	n/a
	6/4/2020	<0.004	0.0209	0.346	<0.002	<0.001	5.36	<0.002	0.000764(J)	<0.005
	12/10/2020	<0.004	0.0319	0.356	<0.002	<0.001	5.37(B)	<0.002	0.00111(J)	<0.005
	6/16/2021	<0.004	0.032	0.332	<0.002	<0.001	6.2	<0.002	0.00148(J)	<0.005
	12/9/2021	<0.004	0.0321	0.386	<0.002	<0.001	4.63	0.00441	0.00106(J)	0.00502
MW-17	upgradient									
	4/2/2013	<0.001	0.02	0.34	<0.001	0.00024(J)	5.5	<0.002	0.00063(J)	0.00057(J)
	6/12/2013	<0.001	0.0018	0.38	<0.001	<0.0005	5.3	<0.002	<0.001	0.00064(J)
	9/26/2013	<0.001	0.019	0.18	<0.001	<0.0005	6.9(B)	<0.002	0.00028(J)	<0.002
	12/12/2013	<0.005	0.031	0.33	<0.001	<0.0025	5.3	<0.01	<0.001	<0.002
	3/19/2014	<0.001	0.017	0.33	0.00023(J)	<0.0005	10	<0.002	<0.001	<0.002
	6/25/2014	<0.001	0.023	0.27	<0.001	<0.0005	5.2	<0.002	<0.001	<0.002
	9/18/2014	<0.001	0.017	0.2	0.00073(J)	<0.0005	4.9	0.0023(B)	0.00036(J)	0.00082(J)
	12/16/2014	<0.002	0.026	0.34	<0.002	<0.001	4.8	<0.002	<0.002	<0.005
	3/25/2015	<0.002	0.016	0.29	<0.002	<0.001	4.8	<0.002	<0.002	<0.005
	9/23/2015	<0.002	0.00265	0.151	<0.002	<0.001	3.85	<0.002	0.000338	0.00322
	2/18/2016	<0.002	0.0231	0.333	<0.002	<0.001	5.5	<0.002	0.000516(J)	0.000594(J)
	8/26/2016	0.000857(BJ)	0.0131	0.211	<0.002	<0.001	4.8	0.000913(BJ)	<0.002	<0.005
	5/18/2017	<0.002	0.0065	0.235	<0.002	<0.001	4.43	0.00055(J)	<0.002	<0.005
	11/14/2017	<0.002	0.0264	0.288	<0.002	<0.001	4.65	<0.002	<0.002	<0.005
	6/11/2018	<0.002	0.0221	0.326	<0.002	<0.001	3.88	<0.002	0.000394(J)	0.000579(J)
	12/17/2018	<0.002	0.025	0.289	<0.002	<0.001	3.7	<0.002	<0.002	0.000926(J)
	6/17/2019	<0.002	0.0218	0.344	<0.002	<0.001	3.57	<0.002	0.000517(J)	0.00147(BJ)
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

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MW-17 (cont.)	12/4/2019	<0.002	0.0217	0.277	<0.002	<0.001	3.63	0.00123(BJ)	<0.002	<0.005
	6/3/2020	<0.004	0.0183	0.372	<0.002	<0.001	4.35	<0.002	0.000517(J)	<0.005
	12/9/2020	<0.004	0.0307	0.262	<0.002	<0.001	3.49(B)	<0.002	0.00011(J)	<0.005
	6/14/2021	<0.004	0.0232	0.291	<0.002	<0.001	3.7	<0.002	0.000336(J)	<0.005
MW-18	upgradient									
	4/3/2013	0.0005(J)	0.026	0.51	0.0002(J)	<0.0005	4.5	<0.002	<0.001	0.00064(J)
	6/12/2013	<0.001	0.026	0.55	<0.001	<0.0005	4.5	<0.002	<0.001	<0.002
	9/25/2013	<0.001	0.011	0.32	<0.001	<0.0005	7.3(B)	<0.002	0.00029(J)	0.00057(J)
	12/12/2013	<0.005	0.03	0.36	<0.001	<0.0025	6.9	<0.01	<0.001	<0.002
	3/19/2014	<0.001	0.0055	0.27	0.00015(J)	<0.0005	6.4	<0.002	<0.001	<0.002
	6/25/2014	<0.001	0.0045	0.25	<0.001	<0.0005	7.7	<0.002	<0.001	<0.002
	9/18/2014	<0.001	0.015	0.32	<0.001	<0.0005	5.1	<0.002	<0.001	<0.002
	12/17/2014	<0.002	0.023	0.38	<0.002	<0.001	11	<0.002	<0.002	0.01
	9/24/2015	<0.002	0.0172	0.366	<0.002	<0.001	7.42	<0.002	0.000291	0.000784
	8/29/2016	<0.002	0.0187	0.333	<0.002	<0.001	4.47	0.000855(BJ)	<0.002	0.000903(BJ)
	5/22/2017	<0.002	0.0219	0.372	<0.002	<0.001	4.59	<0.002	<0.002	<0.005
	11/16/2017	<0.002	0.0137	0.337	<0.002	<0.001	7.47	<0.002	<0.002	<0.005
	6/12/2018	<0.002	0.00864	0.27	<0.002	<0.001	5.79	<0.002	0.000275(J)	0.000621(J)
	12/20/2018	<0.002	0.00219	0.151	<0.002	0.000171(J)	4.78	<0.002	0.000269(J)	0.00136(J)
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/18/2019	<0.002	0.0247	0.396	<0.002	<0.001	3.99	<0.002	0.000375(J)	<0.005
	12/3/2019	<0.002	0.00531	0.244	<0.002	<0.001	5.84	0.00123(BJ)	0.000337(J)	0.00086(J)
	3/10/2020	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/4/2020	<0.004	0.00922	0.356	<0.002	<0.001	5.54	<0.002	<0.002	<0.005
	12/10/2020	<0.004	0.0189	0.453	<0.002	<0.001	6.5(B)	<0.002	0.000388(J)	<0.005
	6/16/2021	<0.004	0.0031	0.139	<0.002	<0.001	5.04	<0.002	0.000253(J)	<0.005
	9/8/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

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MW-18 (cont.)	12/8/2021	<0.004	0.0102	0.447	<0.002	<0.001	5.18	<0.002	0.000784(J)	0.00216(J)
MW-19	upgradient									
	4/2/2013	<0.001	0.014	0.32	<0.001	<0.0005	7.6	<0.002	0.00038(J)	0.00054(J)
	6/12/2013	<0.001	0.00093(J)	0.24	<0.001	<0.0005	7.5	<0.002	<0.001	<0.002
	9/25/2013	<0.001	0.0037	0.3	<0.001	<0.0005	6.8(B)	<0.002	<0.001	0.00066(J)
	12/11/2013	<0.005	0.0054	0.31	<0.001	<0.0025	6.4	<0.01	<0.001	0.00052(J)
	3/19/2014	0.00021(J)	0.0015	0.2	0.00024(J)	<0.0005	6.1	<0.002	<0.001	<0.002
	6/25/2014	<0.001	0.0036	0.25	<0.001	<0.0005	6.1	<0.002	<0.001	<0.002
	9/18/2014	<0.001	0.0035	0.23	<0.001	<0.0005	5.6	0.003(B)	<0.001	<0.002
	12/16/2014	<0.002	0.0038	0.31	<0.002	<0.001	5.2	<0.002	<0.002	<0.005
	3/25/2015	<0.002	0.00074(J)	0.2	<0.002	<0.001	5.5	<0.002	<0.002	<0.005
	9/24/2015	<0.002	0.00495	0.244	<0.002	<0.001	4.46	<0.002	<0.002	0.0018
	2/17/2016	0.000276(J)	0.00606	0.252	<0.002	<0.001	4.02	<0.002	<0.002	0.000819(J)
	8/25/2016	<0.002	0.00646	0.228	<0.002	<0.001	4.03	0.000879(BJ)	<0.002	<0.005
	5/18/2017	<0.002	0.00473	0.237	<0.002	<0.001	3.43	0.000767(J)	<0.002	0.000595(J)
	11/14/2017	<0.002	0.00443	0.259	<0.002	<0.001	3.22	<0.002	<0.002	<0.005
	6/11/2018	<0.002	0.00479	0.213	<0.002	<0.001	2.12(B)	<0.002	<0.002	0.000556(J)
	12/17/2018	<0.002	0.00285	0.221	<0.002	<0.001	1.62	0.000724(J)	<0.002	0.000601(J)
	6/17/2019	<0.002	0.00415	0.22	<0.002	<0.001	1.48	<0.002	<0.002	0.00137(BJ)
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<0.002	0.00252	0.182	<0.002	<0.001	0.936(J)	0.00129(BJ)	<0.002	0.00175(J)
	6/3/2020	<0.004	0.00148(J)	0.17	<0.002	<0.001	0.974(J)	<0.002	<0.002	<0.005
	12/9/2020	0.00131(J)	0.00251	0.207	<0.002	<0.001	1.12(B)	<0.002	0.000312(J)	<0.005
	6/15/2021	<0.004	0.00198(J)	0.158	<0.002	<0.001	1.18	0.00127(J)	0.000239(J)	<0.005
	12/7/2021	<0.004	0.00471	0.221	<0.002	<0.001	1.14	<0.002	0.00021(J)	<0.005
MW-20	upgradient									
	4/3/2013	<0.001	0.0026	0.11	<0.001	<0.0005	3.8	<0.002	0.00049(J)	0.003

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MW-20 (cont.)	6/12/2013	<0.001	0.0036	0.2	<0.001	<0.0005	4.5	<0.002	0.00083(J)	0.0015(J)
	9/26/2013	<0.001	0.014	0.15	<0.001	<0.0005	3.3(B)	<0.002	0.0011	0.0012(J)
	12/12/2013	<0.005	0.007	0.12	<0.001	<0.0025	3.1	<0.01	0.00038(J)	0.0017(J)
	3/19/2014	0.00023(J)	0.012	0.092	0.00021(J)	<0.0005	3.4	<0.002	0.00066(J)	<0.002
	6/25/2014	0.00031(J)	0.011	0.11	<0.001	<0.0005	3.8	<0.002	0.00033(J)	0.0009(J)
	9/18/2014	<0.001	0.011	0.076	<0.001	<0.0005	2.4	0.00054(BJ)	0.00097(J)	0.0012(J)
	12/16/2014	<0.002	0.0036	0.1	<0.002	<0.001	5.5(J)	0.0011(J)	0.00052(J)	0.0026(J)
	9/24/2015	<0.002	0.00756	0.0963	<0.002	<0.001	4.46	0.000571	0.00067	0.00145
	2/18/2016	0.000259(J)	0.00518	0.0952	<0.002	<0.001	3.69	0.000846(J)	0.000356(J)	0.00166(J)
	8/29/2016	<0.002	0.0058	0.0907	<0.002	<0.001	3.47	0.00123(BJ)	0.000312(J)	0.0024(BJ)
	5/22/2017	<0.002	0.00417	0.106	0.000128(J)	<0.001	3.42	0.00146(BJ)	0.00048(J)	0.00229(J)
	11/16/2017	<0.002	0.00183(J)	0.0652	<0.002	<0.001	6.4	0.000694(J)	<0.002	0.00228(J)
	6/12/2018	<0.002	0.00394	0.106	<0.002	<0.001	3.03	0.00114(J)	0.000361(J)	0.00272(J)
MW-21	upgradient									
	11/5/2015	<0.002	0.0215	0.434	<0.002	<0.001	10.1	<0.002	<0.002	<0.005
	2/11/2016	<0.002	0.0289	0.49	<0.002	<0.001	6.06	0.000684(J)	<0.002	0.00155(J)
	5/18/2016	<0.002	0.0272	12.7(R)	<0.002	<0.001	6.6	<0.002	<0.002	<0.005
	8/25/2016	0.000791(BJ)	0.0296	0.41	<0.002	<0.001	5.57	0.000858(BJ)	<0.002	<0.005
	11/30/2016	<0.002	0.0303	0.483	<0.002	<0.001	5.43	<0.002	<0.002	0.00056(J)
	3/1/2017	<0.002	0.00803	0.14	<0.002	<0.001	5.46	0.00124(J)	<0.002	0.00446(J)
	5/18/2017	<0.002	0.0277	0.417	<0.002	<0.001	5.85	<0.002	<0.002	<0.005
	8/17/2017	<0.002	0.0272	0.452	<0.002	<0.001	5.11	<0.002	<0.002	<0.005
	11/14/2017	<0.002	0.027	0.446	<0.002	<0.001	6.29	<0.002	<0.002	<0.005
	6/11/2018	<0.002	0.0264	0.409	<0.002	<0.001	4.85	<0.002	<0.002	0.000935(J)
	12/17/2018	<0.002	0.003	0.172	<0.002	<0.001	2.86	<0.002	<0.002	0.000632(J)
	6/18/2019	<0.002	0.0307	0.436	<0.002	<0.001	3.76	<0.002	<0.002	0.000871(BJ)
	12/4/2019	<0.002	0.0132	0.254	<0.002	<0.001	2.94	0.00159(BJ)	<0.002	0.00082(J)

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MW-21 (cont.)	6/3/2020	<0.004	0.0209	0.387	<0.002	<0.001	3.45	<0.002	<0.002	<0.005
	12/9/2020	<0.004	0.0301	0.472	<0.002	<0.001	3.47(B)	<0.002	<0.002	<0.005
	6/15/2021	<0.004	0.024	0.366	<0.002	<0.001	3.1	0.00213	8.98E-05(J)	<0.005
	9/8/2021	n/a	n/a	n/a	n/a	n/a	n/a	0.0013(J)	n/a	n/a
	12/7/2021	<0.004	0.0292	0.443	<0.002	<0.001	3.22	<0.002	<0.002	<0.005
MW-22	upgradient									
	11/4/2015	<0.002	0.0114	0.274	<0.002	<0.001	3.11	<0.002	<0.002	<0.005
	2/11/2016	<0.002	0.0269	0.453	<0.002	<0.001	2.78	0.00137(J)	0.000381(J)	0.00261(J)
	5/18/2016	<0.002	0.0299	0.392	<0.002	<0.001	3.57	<0.002	<0.002	0.00063(J)
	8/25/2016	<0.002	0.0338	0.394	<0.002	<0.001	3.77	0.000906(BJ)	<0.002	<0.005
	11/30/2016	<0.002	0.0151	0.261	<0.002	<0.001	2.23	<0.002	<0.002	<0.005
	3/1/2017	<0.002	0.00698	0.134	<0.002	<0.001	1.54	0.00104(J)	0.00177(J)	0.00089(J)
	5/17/2017	<0.002	0.0328	0.377	<0.002	<0.001	3.47	<0.002	<0.002	<0.005
	8/16/2017	<0.002	0.0133	0.237	<0.002	<0.001	1.38	0.000768(J)	<0.002	<0.005
	11/13/2017	<0.002	0.0125	0.245	<0.002	<0.001	2.01	0.000788(J)	<0.002	0.00109(J)
	6/11/2018	<0.002	0.0124	0.231	<0.002	<0.001	1.43(B)	0.000794(J)	0.00054(J)	0.00154(J)
	12/11/2018	<0.002	0.0345	0.364	<0.002	<0.001	1.98(B)	0.00132(J)	<0.002	0.00145(J)
	6/17/2019	<0.002	0.0329	0.378	<0.002	<0.001	3.14	<0.002	<0.002	0.000821(BJ)
	12/4/2019	<0.002	0.0311	0.366	<0.002	<0.001	2.16	0.00121(BJ)	<0.002	0.000573(J)
	6/3/2020	<0.004	0.0374	0.426	<0.002	<0.001	2.45	<0.002	<0.002	<0.005
	12/9/2020	<0.004	0.031	0.394	<0.002	<0.001	2.08(B)	<0.002	6.44E-05(J)	0.00155(J)
	6/14/2021	<0.004	0.0331	0.331	<0.002	<0.001	1.27	0.00133(J)	6.4E-05(J)	<0.005
	12/7/2021	<0.004	0.033	0.397	<0.002	<0.001	3.2	<0.002	6.88E-05(J)	<0.005
MW-23	upgradient									
	11/4/2015	<0.002	0.00592	0.213	<0.002	<0.001	4.05	<0.002	0.000424	<0.005
	2/11/2016	<0.002	0.0161	0.451	<0.002	<0.001	4.97	0.000767(J)	0.00113(J)	0.00209(J)
	5/18/2016	<0.002	0.0181	0.593	<0.002	<0.001	4.69	<0.002	0.00138(J)	0.00108(J)

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MW-23 (cont.)	8/25/2016	<0.002	0.00864	0.22	<0.002	<0.001	4.3	0.0009(BJ)	0.000478(J)	<0.005
	11/30/2016	<0.002	0.00815	0.221	<0.002	<0.001	4.31	<0.002	0.000509(J)	<0.005
	3/1/2017	<0.002	0.0106	0.246	<0.002	<0.001	4.93	<0.002	0.000611(J)	<0.005
	5/17/2017	<0.002	0.0134	0.265	<0.002	<0.001	4.58	<0.002	0.000966(J)	<0.005
	8/16/2017	<0.002	0.00901	0.218	<0.002	<0.001	4.27	<0.002	0.000528(J)	<0.005
	11/13/2017	<0.002	0.0101	0.221	<0.002	<0.001	4.75	<0.002	0.000434(J)	0.000551(J)
	6/11/2018	<0.002	0.0118	0.261	<0.002	<0.001	4.17	<0.002	0.000877(J)	0.00257(J)
	12/11/2018	<0.002	0.0141	0.25	<0.002	<0.001	3.87(B)	0.000812(J)	0.000983(J)	0.00191(J)
	6/17/2019	<0.002	0.0201	0.454	<0.002	<0.001	4.12	<0.002	0.00158(J)	0.0026(BJ)
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	0.00186(J)	0.0132	0.244	0.000227(J)	0.000376(J)	4.24	0.00163(BJ)	0.000976(J)	0.00068(J)
	6/3/2020	<0.004	0.0195	0.449	<0.002	<0.001	4.41	<0.002	0.00141(J)	<0.005
	12/9/2020	<0.004	0.0092	0.274	<0.002	<0.001	4.47(B)	<0.002	0.000956(J)	0.00189(J)
	6/14/2021	<0.004	0.0083	0.283	<0.002	<0.001	3.97	<0.002	0.000818(J)	<0.005
	12/7/2021	<0.004	0.00769	0.26	<0.002	<0.001	5.32	<0.002	0.000894(J)	<0.005
MW-24	upgradient									
	11/5/2015	<0.002	0.0481	0.267	<0.002	<0.001	6.86	<0.002	0.000664	<0.005
	2/10/2016	0.000333(J)	0.055	0.309	<0.002	<0.001	4.88	0.000744(J)	0.000858(J)	0.00156(J)
	5/19/2016	<0.002	0.0572	0.3	<0.002	<0.001	4.82	<0.002	0.000888(J)	<0.005
	8/28/2016	<0.002	0.0545	0.304	<0.002	<0.001	4.82	0.000848(BJ)	0.00107(J)	<0.005
	11/30/2016	<0.002	0.0519	0.298	<0.002	<0.001	5.19	0.000704(J)	0.00102(J)	<0.005
	3/2/2017	<0.002	0.0476	0.289	<0.002	<0.001	5.27	<0.002	0.000909(J)	0.000597(J)
	5/18/2017	<0.002	0.0532	0.285	<0.002	<0.001	5.13	<0.002	0.00105(J)	<0.005
	8/17/2017	<0.002	0.0562	0.313	<0.002	<0.001	4.73	<0.002	0.00107(J)	<0.005
	11/14/2017	<0.002	0.05	0.311	<0.002	<0.001	6.01	<0.002	0.000995(J)	<0.005
	6/12/2018	<0.002	0.0622	0.292	<0.002	<0.001	4.74	<0.002	0.000988(J)	<0.005
	12/17/2018	<0.002	0.0521	0.332	<0.002	<0.001	4.54	<0.002	0.00106(J)	<0.005

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MW-24 (cont.)	6/19/2019	<0.002	0.0304	0.29	<0.002	<0.001	4.33	<0.002	0.00128(J)	<0.005
	9/24/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<0.002	0.053	0.334	<0.002	<0.001	4	0.00127(BJ)	0.00107(J)	0.00121(J)
	6/10/2020	<0.004	0.0498	0.36	<0.002	<0.001	4.64	<0.002	0.00118(J)	<0.005
	9/14/2020	n/a	n/a	0.345	n/a	n/a	n/a	n/a	n/a	n/a
	12/10/2020	<0.004	0.0529	0.365	<0.002	<0.001	4.46(B)	<0.002	0.0012(J)	0.00223(J)
	3/9/2021	n/a	n/a	0.369	n/a	n/a	n/a	n/a	n/a	n/a
	6/15/2021	<0.004	0.0437	0.314	<0.002	<0.001	4.15	<0.002	0.00112(J)	<0.005
	12/7/2021	<0.004	0.0554	0.378	<0.002	<0.001	4.74	<0.002	0.00119(J)	<0.005
LEACHATE#1	downgradient									
	4/14/2010	0.005	0.28	3.6	<0.00012	<0.00016	1300	0.059	0.034	0.0047
	10/12/2010	0.0029	0.21	2.7	<0.001	<0.0005	1100	0.048	0.031	0.0037
	4/13/2011	0.0021	0.17	2.6	<0.001	<0.0005	2200	0.036	0.027	0.0036
	12/6/2011	0.0021	0.24	3.2	<0.001	<0.0005	1200	0.045	0.034	0.0042
	5/8/2012	0.0016	0.33	4.2	<0.005	<0.0005	1300	0.065	0.037	0.0022
	10/8/2012	0.0031(J)	0.18	1.3(B)	<0.005	<0.0025	1400	0.042	0.043	0.0039(J)
	3/20/2013	0.0008(J)	0.18	1.9	<0.001	<0.0005	1300	0.044	0.035	0.0018(J)
	9/26/2013	0.00069(J)	0.14	1.7	<0.001	<0.0005	1300(B)	0.024	0.019	0.0028
	3/19/2014	0.0011	0.16	1.5	0.00023(J)	<0.0005	1300	0.033	0.025	0.014
	9/17/2014	<0.01	0.28	2.9	<0.01	<0.005	1500	0.079(B)	0.047	<0.02
	3/25/2015	0.0011(J)	0.046	0.31	<0.002	<0.001	160	0.0067	0.005	0.016
	9/24/2015	0.000892	0.0396	0.402	<0.002	<0.001	1650	0.0117	0.00732	0.00906
	2/19/2016	0.00438(J)	0.372	6.62	<0.018	<0.009	1350	0.0774	0.0454	0.00678(J)
	8/29/2016	<0.018	0.308	3.31	<0.018	<0.009	1460	0.0808	0.0506	0.00701(BJ)
	3/6/2017	0.00213	1.02	26.3	0.000294(J)	0.000269(J)	1410	0.0998	0.0382	0.00387(J)
	9/1/2017	0.00264	0.0785	1.54	<0.002	<0.001	1450	0.0185	0.026	0.0146
	6/13/2018	0.00103(J)	0.0763	1.61	<0.002	<0.001	1190	0.0155	0.0234	0.012

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LEACHATE#1 (cont.)	12/20/2018	0.0015(J)	0.194	2.42	<0.002	<0.001	1350	0.0458	0.0348	0.00252(J)
	6/20/2019	0.00154(J)	0.104	1.68	<0.002	<0.001	1480	0.0352	0.0322	0.000697(J)
	12/5/2019	0.00102(J)	0.0582	1.24	<0.002	<0.001	1140	0.0204	0.0216	0.0012(BJ)
	6/10/2020	0.0025(J)	0.704	10.5	<0.002	<0.001	1640	0.0755	0.0443	0.0405
	12/11/2020	0.00132(J)	0.127	1.93	<0.002	<0.001	1450	0.0387	0.0358	0.00227(J)
	6/17/2021	0.00176(J)	0.494	5.41	<0.002	<0.001	1500	0.0631	0.0389	0.00388(J)
	12/10/2021	<0.02	0.173	2	<0.01	<0.005	1750	0.0447	0.0439	<0.025
	downgradient									
LEACHATE#2	6/13/2018	<0.002	0.01	0.359	<0.002	<0.001	87.8	0.00255	0.0023	0.00197(J)
	12/20/2018	0.000926(J)	0.0146	0.521	<0.002	<0.001	256	0.00494	0.00403	0.0027(J)
	6/20/2019	0.00133(J)	0.0525	1.36	<0.002	<0.001	551	0.00649	0.00993	0.000852(J)
	12/5/2019	0.00113(J)	0.0407	1.29	<0.002	<0.001	591	0.00848(B)	0.0134	0.00142(BJ)
	6/10/2020	<0.004	0.386	19.5	<0.002	<0.001	674	0.028	0.03	0.0153
	12/11/2020	<0.004	0.0926	1.81	<0.002	<0.001	622(B)	0.00907	0.0195	<0.005
	6/17/2021	<0.004	0.0736	1.07	<0.002	<0.001	15.1	0.00241	0.00346	<0.005
	12/10/2021	0.00272(J)	0.207	3.89	<0.002	<0.001	587	0.0117	0.0161	0.00461(BJ)

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MW-1	downgradient										
	10/27/1993	n/a	<0.025	0.016(R)	<0.01	<0.05	<0.003	n/a	n/a	<0.05	n/a
	3/15/1994	7.95	0.062	2.17	0.013	<0.025	<0.004	45.5	329	<0.01	3.6
	6/14/1994	7.71	0.028	2.27	<0.01	<0.025	<0.004	39.9	406	<0.01	8.6
	9/15/1994	8.73	0.064	2.34	<0.01	<0.025	<0.004	48.9	348	<0.01	3.1
	12/22/1994	7.16	<0.01	2	<0.01	<0.025	<0.004	36.6	295	<0.01	3.7
	6/2/1995	7.41	<0.01	2.3	<0.01	<0.025	<0.004	35.3	338	<0.01	3.3
	12/14/1995	8.86	0.044	2.1	<0.01	<0.025	<0.004	33.6	302	<0.01	1.95
	6/13/1996	8.2	<0.04	2.2	<0.01	<0.07	<0.007	27	330	<0.04	1.5
	11/26/1996	2.7(R)	<0.04	1.9	<0.01	<0.07	<0.007	32	320	<0.04	1.9
	4/23/1997	12	<0.04	3	<0.01	<0.07	<0.007	21	320	<0.04	1.4
	10/8/1997	8.5	<0.001	2.2	<0.01	<0.002	<0.007	34	360	<0.001	2.8
	4/13/1998	9.6	<0.001	2.2	<0.01	<0.002	<0.007	30	360	<0.001	4.2
	11/5/1998	9.1	<0.001	2.2	<0.01	<0.005	<0.007	34	360	<0.001	2.6
	4/1/1999	10	<0.001	2.4	<0.01	<0.005	<0.007	32	410	<0.001	2
	10/22/1999	11	<0.001	2.4	<0.01	<0.005	<0.007	33	380	<0.001	2.2
	5/10/2000	10	<0.001	2.8	<0.01	<0.005	<0.007	32	380	<0.001	2.3
	10/12/2000	12	<0.001	2.7	<0.01	<0.005	<0.007	32	400	<0.001	1.7
	4/26/2001	9.6	<0.001	2.5	<0.01	<0.005	<0.007	35	430	0.0034	1.8
	10/26/2001	12	<0.001	3	<0.01	<0.005	<0.007	36	400	0.0028	1.9
	4/10/2002	12	<0.001	2.8	<0.01	<0.005	<0.007	37	410	<0.001	1.8
	11/6/2002	12	<0.001	2.7	<0.01	<0.05	<0.007	40	410	<0.001	2
	4/18/2003	12	<0.001	2.9	<0.01	<0.005	<0.007	41	450	<0.001	1.9
	11/5/2003	10	<0.001	2.5	<0.01	<0.005	<0.007	43	420	<0.001	2.1
	4/29/2004	12	<0.001	2.4	0.012	<0.005	<0.007	44	440	<0.001	2.3
	10/20/2004	12	<0.001	2.8	<0.01	<0.005	<0.007	38	440	<0.001	2.3
	4/27/2005	12	<0.001	2.3	<0.01	<0.005	<0.007	41	460	<0.001	2.8

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MW-1 (cont.)	10/4/2005	12	<0.001	3	<0.01	<0.005	<0.007	41	470	<0.001	1.9
	4/26/2006	11	<0.001	2.9	<0.01	<0.005	<0.007	47	440	<0.001	2.1
	10/3/2006	11	<0.001	2.5	<0.01	<0.005	<0.007	47	400	<0.001	1.9
	4/11/2007	11	<0.001	2.7	<0.01	<0.005	<0.007	41	440	<0.001	2.6
	10/4/2007	12	0.0066	3.1	<0.01	<0.005	<0.007	34	470	<0.001	2.7
	4/21/2008	10	<0.005	2.7	<0.02	<0.001	<0.01	36	400	<0.001	3.1
	10/9/2008	10	<0.005	2.3	<0.02	<0.001	<0.01	31	350	<0.001	4.3
	6/11/2009	10	<0.005	2.6	<0.02	<0.001	<0.01	37	400	<0.001	4.6
	11/12/2009	10	<0.005	2.7	<0.02	<0.001	<0.01	37	380	<0.001	3.8
	4/13/2010	9.9	<0.00024	2.6	0.0026	<0.00038	<0.00031	42	390(B)	<0.00019	6
	10/11/2010	11	0.00053(J)	2.1	0.0026	0.00067(J)	<0.001	29	350(B)	0.00019(J)	2.6
	4/12/2011	9.4	<0.001	2.6	0.00084(J)	<0.001	<0.001	35	390	<0.001	1.4
	12/6/2011	10	0.00057	2.6	0.0043	0.0012	<0.001	35	380	<0.001	2.4
	5/7/2012	9.7	0.00031(J)	2.8	0.0024	0.00056(J)	<0.001	2(J)	440	<0.001	11
	10/8/2012	8.4	<0.001	2.6	0.0055	<0.001	<0.001	31	380	<0.001	1.8
	3/19/2013	7.7	<0.001	2.4	0.0022	0.00044(J)	<0.001	36	380	<0.001	1.8
	9/24/2013	7.4	<0.001	2.6	<0.005	0.00081(J)	<0.001	36(B)	390	<0.001	1.8
	3/18/2014	8.5	<0.001	2.6	0.0034	0.0018	<0.001	41	380	<0.001	1.9
	9/16/2014	12	0.0047	2.7(B)	0.0038	0.004	<0.001	36	390	0.00026(J)	2.1
	3/24/2015	4.8	<0.002	1.6	0.0054	<0.002	<0.002	48	360	<0.002	3.6
	9/24/2015	10.1	0.000768	2.82	0.001	<0.002	<0.002	30.3	476	<0.002	2.99
	2/9/2016	8.94	<0.002	2.72	0.000674(BJ)	<0.002	<0.002	44.8	392	<0.002	1.89
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/25/2016	10.1	0.000941(BJ)	2.61	0.0024(B)	<0.002	<0.002	29.6	451	<0.002	2.19
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	437(B)	n/a	n/a
	3/6/2017	8.36	<0.002	2.55	0.000753(J)	<0.002	<0.002	50.3	400	<0.002	2.26
	5/24/2017	9.57	<0.002	2.49	0.000983(J)	<0.002	<0.002	46.5	442	<0.002	3.15

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Historical Database, Mississippi County Class 1 Landfill

		Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Thallium (mg/l)	TOC (mg/l)
MW-1 (cont.)	9/1/2017	11.6	0.00114(J)	3.11	0.00213	<0.002	<0.002	50.8	519	<0.002	3.9
	11/17/2017	10.4	<0.002	2.89	0.00238	<0.002	<0.002	38.5	493	<0.002	3.86
	3/14/2018	12.4	<0.002	2.91	0.00254	<0.002	<0.002	47.1	512	<0.002	3.86
	6/14/2018	12.9	0.000893(BJ)	2.97	0.00436	<0.002	<0.002	42.8	544	<0.002	4.74
	9/13/2018	12.6	<0.002	3.11	0.00306	<0.002	<0.002	36.9	533	<0.002	4.37(B)
	12/13/2018	12.4	0.000291(J)	3.01	0.00304	<0.002	<0.002	34.5	492	<0.002	3.75
	3/18/2019	15.3	<0.002	3.15	0.0039	<0.002	<0.002	41	557	<0.002	4.54
	6/14/2019	13	<0.002	3.31	0.00524	<0.002	<0.002	44.3	607	<0.002	6.83
	9/24/2019	15.5	0.000347(J)	3.69	0.00514	<0.002	<0.002	39.7	560	<0.002	4.98
	12/3/2019	10.5	<0.002	2.92	0.0029	<0.002	<0.002	37.2	498	<0.002	3.88
	3/13/2020	14	0.0003(J)	3.17	0.00488	<0.002	<0.002	42.4	565	<0.002	4.78
	6/3/2020	11.8	<0.005	3.2	0.0048	<0.002	<0.002	41	503	<0.002	4.4
	9/15/2020	15.6	<0.005	3.57	0.00563	<0.002	<0.002	33.2	609(B)	<0.002	4.69
	12/8/2020	12.3	<0.002	3.39	0.00399	<0.002	<0.002	36.3	533	<0.002	3.54
	3/11/2021	14.1	<0.002	3.05	0.00408	<0.002	<0.002	37.5	548	<0.002	4.22
	6/17/2021	8.63	<0.002	2.94	0.00215	<0.002	<0.002	37.6	475	<0.002	3.3(B)
	9/10/2021	13.4	<0.002	3.16	0.00477	<0.002	<0.002	19.9	578	<0.002	5.59
	12/10/2021	17.3	0.00747	3.6	0.00574	<0.002	0.000101(J)	33.6	599	<0.002	4.42
MW-2	upgradient										
	10/27/1993	n/a	<0.025	1.21	<0.01	<0.05	<0.003	n/a	n/a	<0.05	n/a
	3/15/1994	17.7	0.052	1.16	<0.01	<0.025	<0.004	51.7	431	<0.01	5.3
	6/14/1994	19.7	0.039	1.5	<0.01	<0.025	<0.004	57	461	<0.01	8.8
	9/15/1994	17.4	0.056	1.78	<0.01	<0.025	<0.004	68.5	486	0.016	3.7
	12/22/1994	18.5	<0.01	1.21	<0.01	<0.025	<0.004	56.5	422	0.018	2.5
	6/2/1995	19.4	<0.01	1.49	<0.01	<0.025	<0.004	58.9	468	<0.01	4.3
	12/14/1995	24	0.06	1.38	<0.01	0.071	<0.004	47.6	437	<0.01	2.72
	6/13/1996	17	<0.04	1.6	<0.01	<0.07	<0.007	47	480	<0.04	1.7

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		Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Thallium (mg/l)	TOC (mg/l)
MW-2 (cont.)	11/26/1996	20	<0.04	1.2	<0.01	<0.07	<0.007	45	480	<0.04	1.9
	4/23/1997	12	<0.04	1.6	<0.01	<0.07	<0.007	39	440	<0.04	2.1
	10/8/1997	18	<0.001	1.5	<0.01	<0.002	<0.007	54	450	<0.001	3.8
	4/13/1998	21	<0.001	1.2	<0.01	<0.002	<0.007	45	480	<0.001	5.3
	11/5/1998	20	<0.001	1.5	<0.01	<0.005	<0.007	49	510	<0.001	4
	4/1/1999	20	<0.001	1.2	<0.01	<0.005	<0.007	48	540	<0.001	2.7
	10/22/1999	19	<0.001	1.5	<0.01	<0.005	<0.007	62	490	<0.001	3.2
	5/10/2000	24	<0.001	1.5	<0.01	<0.005	<0.007	51	480	<0.001	3.2
	10/12/2000	21	<0.001	1.4	<0.01	<0.005	<0.007	64	500	<0.001	2.6
	4/26/2001	20	<0.001	1.1	<0.01	<0.005	<0.007	48	510	<0.001	2.5
	10/26/2001	22	<0.001	1.1	<0.01	<0.005	<0.007	67	520	<0.001	2.7
	4/10/2002	20	<0.001	1.1	<0.01	<0.005	<0.007	60	530	<0.001	2.5
	11/6/2002	22	<0.001	1.2	<0.01	<0.005	<0.007	65	500	<0.001	2.6
	4/18/2003	22	<0.001	1.4	<0.01	<0.005	<0.007	66	520	<0.001	2.6
	11/5/2003	19	<0.001	1.2	0.018	<0.005	<0.007	66	570	<0.001	3.1
	4/29/2004	13	<0.001	0.95	0.012	<0.005	<0.007	60	500	<0.001	3.2
	10/20/2004	19	<0.001	1.2	<0.01	<0.005	<0.007	62	520	<0.001	2.5
	4/27/2005	13	<0.001	0.93	<0.01	<0.005	<0.007	47	480	<0.001	2.7
	10/4/2005	18	<0.001	1.6	<0.01	<0.005	<0.007	57	550	<0.001	2.5
	4/26/2006	20	<0.001	1.3	<0.01	<0.005	<0.007	48	520	<0.001	2.6
	10/3/2006	19	<0.001	1.7	<0.01	<0.005	<0.007	61	540	<0.001	2.7
	4/11/2007	16	<0.001	1.4	<0.01	<0.005	<0.007	62	580	<0.001	3.3
	10/4/2007	20	<0.001	1.9	<0.01	<0.005	<0.007	66	560	<0.001	3
	4/21/2008	18	<0.005	1.2	<0.02	<0.001	<0.01	77	520	<0.001	3.1
	10/9/2008	16	<0.005	1.3	<0.02	<0.001	<0.01	58	450	<0.001	4.3
	6/11/2009	15	<0.005	1.2	<0.02	<0.001	<0.01	92	520	<0.001	4.6
	11/12/2009	12	<0.005	1.1	<0.02	<0.001	<0.01	89	470	<0.001	4.6

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MW-2 (cont.)	4/13/2010	18	<0.00024	1.2	0.003	0.00047(J)	<0.00031	71	470(B)	<0.00019	2.9
	10/11/2010	23	0.00086(J)	1.6	0.003	0.00099(J)	<0.001	59	550(B)	0.00019(J)	3.9
	4/12/2011	22	<0.001	1.7	0.00099(J)	<0.001	<0.001	76	530	<0.001	2.3
	12/6/2011	29	<0.001	1.8	0.0039	0.00095	<0.001	48	540	<0.001	6.8
	5/7/2012	20	0.00052(J)	1.6	0.0033	0.001	<0.001	63	550	<0.001	14
	10/8/2012	26	<0.001	1.7	0.0057	<0.001	<0.001	48	520	<0.001	5.5
	3/19/2013	22	<0.001	2.1	0.0039	0.00064(J)	<0.001	90	560	<0.001	4.7
	9/24/2013	18	<0.001	3	0.018(O)	0.0011	<0.001	230(B)	750	<0.001	3.5
	3/18/2014	21	<0.001	1.8	0.0032	0.0014	<0.001	100	560	<0.001	2.4
	9/16/2014	20	0.0015	2.5(B)	0.0041	0.0025	<0.001	120	570	0.00031(J)	2.5
	3/24/2015	0.37	<0.002	0.058	<0.002	<0.002	<0.002	210	660	<0.002	4.4
	9/23/2015	15.1	0.000682	2	0.0006	<0.002	<0.002	96	554	<0.002	3.29
	2/9/2016	18.3	<0.002	1.38	0.000833(BJ)	<0.002	<0.002	71.4	446	<0.002	2.33
	8/24/2016	17.7	<0.002	1.61	0.00136(BJ)	0.00244	<0.002	86.8	536(B)	<0.002	2.4
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	106	n/a	n/a	n/a
	3/3/2017	0.0817(J)	<0.002	0.0267	0.000622(J)	0.00164(J)	<0.002	20.6	282	<0.002	5.55
	5/23/2017	6.17	<0.002	1.58	0.000696(J)	<0.002	<0.002	83.7	521	<0.002	3.17
	8/31/2017	1.15	0.000676(J)	1.37	0.000597(J)	<0.002	<0.002	130	571	<0.002	3.24
	11/17/2017	10.4	<0.002	2.1	0.00102(J)	<0.002	<0.002	91.8	547	<0.002	2.68
	3/12/2018	0.48	<0.002	0.539	0.000593(J)	0.000515(J)	<0.002	52.1	473	<0.002	2.51
	6/13/2018	5.56	0.00222(B)	1.08	0.00071(J)	<0.002	<0.002	40.9	457	<0.002	2.86(B)
	9/12/2018	11.9	<0.002	1.97	0.000951(J)	<0.002	<0.002	89.4	507	<0.002	2.57(B)
	12/12/2018	2.45	<0.002	0.656	0.0011(J)	<0.002	<0.002	64.5	266	<0.002	2.92
	3/12/2019	3.28	<0.002	1.27	0.000788(J)	<0.002	<0.002	75.1	455	<0.002	2.55(B)
	6/12/2019	14.4	0.00031(BJ)	1.49	0.000698(J)	<0.002	<0.002	68.8	515	<0.002	2.23(B)
	9/24/2019	8.98	<0.002	1.66	0.00101(J)	<0.002	<0.002	87.4	447	<0.002	2.33(B)
	12/3/2019	6.81	<0.002	1.53	0.00104(J)	<0.002	<0.002	72	428	<0.002	2.75(B)

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MW-2 (cont.)	3/12/2020	8.18	0.000348(J)	1.5	0.00114(J)	<0.002	<0.002	63.2	466	<0.002	2.05
	6/2/2020	11.1	<0.005	1.55	<0.002	<0.002	<0.002	42.3	435	<0.002	1.91
	9/14/2020	10.3	<0.005	1.99	0.00127(J)	<0.002	<0.002	78.9	475(B)	<0.002	2.28(B)
	12/8/2020	18.4	<0.002	2.36	0.00141(J)	<0.002	<0.002	92.8	555	<0.002	2.16
	3/11/2021	0.156	<0.002	0.0765	<0.002	0.000498(J)	<0.002	88.7	560	<0.002	3.07(B)
	6/17/2021	2.98	<0.002	1.64	0.000854(J)	<0.002	<0.002	96.3	562	<0.002	2.63(B)
	9/9/2021	12.2	<0.002	1.7	0.0012(J)	0.00111(J)	<0.002	89.4	576	<0.002	2.43(B)
	12/9/2021	19.7	<0.002	2.29	0.00206	<0.002	<0.002	69.7	589	<0.002	2.68
MW-3	downgradient										
	10/27/1993	n/a	<0.025	1.25	<0.01	<0.05	<0.003	n/a	n/a	<0.05	n/a
	3/15/1994	15.6	0.072	1.33	<0.01	<0.025	<0.004	23.9	314	0.015	5.6
	6/14/1994	15.5	0.038	1.18	<0.01	<0.025	<0.004	9.84	352	<0.01	9.1
	9/15/1994	15.7	0.065	1.26	<0.01	<0.025	<0.004	26.3	320	0.013	3.2
	12/22/1994	13.4	<0.01	1.3	<0.01	<0.025	<0.004	27.4	347	<0.01	3
	6/2/1995	13	<0.01	1.35	<0.01	<0.025	<0.004	31.6	340	<0.01	3.6
	12/14/1995	15.6	0.07	1.33	<0.01	0.029	<0.004	20.6	352	<0.01	2.3
	6/13/1996	15	<0.04	1.1	<0.01	<0.07	<0.007	30	320	<0.04	1.2
	11/26/1996	5.3	<0.04	0.85	<0.01	<0.07	<0.007	27	310	<0.04	1.8
	4/23/1997	18	<0.04	1.1	<0.01	<0.07	<0.007	22	320	<0.04	1.5
	10/8/1997	14	<0.001	1.3	<0.01	<0.002	<0.007	19	370	<0.001	3.5
	4/13/1998	14	<0.001	1.3	<0.01	<0.002	<0.007	22	370	<0.001	4.6
	11/5/1998	15	<0.001	1.5	<0.01	<0.005	<0.007	21	470	<0.001	3.8
	4/1/1999	15	<0.001	1.3	<0.01	<0.005	<0.007	20	410	<0.001	2.2
	10/22/1999	16	<0.001	1.3	<0.01	<0.005	<0.007	19	370	<0.001	2.7
	5/10/2000	18	<0.001	1.5	<0.01	<0.005	<0.007	16	380	<0.001	3
	10/12/2000	17	<0.001	1.2	<0.01	<0.005	<0.007	18	340	<0.001	2.1
	4/26/2001	14	<0.001	1.3	<0.01	<0.005	<0.007	15	380	<0.001	2.1

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MW-3 (cont.)	10/26/2001	18	<0.001	1	<0.01	<0.005	<0.007	16	330	<0.001	2
	4/10/2002	16	<0.001	1.2	<0.01	<0.005	<0.007	17	380	<0.001	2.1
	11/6/2002	16	<0.001	1.4	<0.01	<0.005	<0.007	24	390	<0.001	2.3
	4/18/2003	16	<0.001	1.6	<0.01	<0.005	<0.007	28	420	<0.001	2.3
	11/5/2003	13	<0.001	1.2	<0.01	<0.005	<0.007	33	460	<0.001	2.6
	4/29/2004	8.8	<0.001	1.5	<0.01	<0.005	<0.007	36	440	<0.001	2.3
	10/20/2004	19	<0.001	1.3	<0.01	<0.005	<0.007	27	400	<0.001	2.2
	4/27/2005	18	<0.001	1.2	<0.01	<0.005	<0.007	28	370	<0.001	2.3
	10/4/2005	22	<0.001	1.4	<0.01	<0.005	<0.007	29	410	<0.001	2.3
	4/26/2006	17	<0.001	1.4	<0.01	<0.005	<0.007	27	380	<0.001	2.2
	10/3/2006	19	<0.001	1.5	<0.01	<0.005	<0.007	27	360	<0.001	2.2
	4/11/2007	17	<0.001	1.4	<0.01	<0.005	<0.007	25	430	<0.001	2.6
	10/4/2007	22	<0.001	1.7	<0.01	<0.005	<0.007	23	410	<0.001	2.7
	4/21/2008	17	<0.005	1.4	<0.02	<0.001	<0.01	33	420	<0.001	5.5
	10/9/2008	19	<0.005	1.4	<0.02	<0.001	<0.01	20	400	<0.001	4.8
	6/11/2009	18	<0.005	1.4	<0.02	<0.001	<0.01	24	420	<0.001	16(O)
	11/12/2009	18	<0.005	1.7	<0.02	<0.001	<0.01	33	480	<0.001	6.5
	4/13/2010	16	<0.00024	1.3	0.0024	<0.00038	<0.00031	25	390(B)	<0.00019	3.7
	10/11/2010	25	0.0011	1.9	0.0025	0.00089(J)	<0.001	24	510(B)	0.00019(J)	2.1
	4/12/2011	25	<0.001	1.8	0.00067(J)	<0.001	<0.001	28	460	<0.001	2.6
	12/6/2011	23	<0.001	1.8	0.0025	0.0011	<0.001	32	490	<0.001	2.9
	5/7/2012	17	<0.001	1.6	0.0042	0.00075(J)	<0.001	38	540	<0.001	19(O)
	10/8/2012	25	<0.001	1.8	0.0014	<0.001	<0.001	28	440	<0.001	1.6
	3/20/2013	18	<0.001	1.6	0.0041	<0.001	<0.001	37	550	<0.001	2.4
	9/25/2013	18	<0.001	1.5	0.0029	0.0013	<0.001	32(B)	550	<0.001	2.2
	3/18/2014	16	<0.001	1.6	0.0037	0.0014	<0.001	69	540	<0.001	2.9
	9/16/2014	19	0.00062(J)	1.5(B)	0.0034	0.0023	<0.001	31	440	0.00026(J)	2.2

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Historical Database, Mississippi County Class 1 Landfill

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MW-3 (cont.)	3/24/2015	12	<0.002	1.2	0.0022	<0.002	<0.002	79	540	<0.002	5.5
	9/21/2015	18.8	<0.002	1.58	0.0025	<0.002	<0.002	32.2	619	<0.002	3.87
	2/17/2016	15.1	<0.002	1.17	0.00166(J)	<0.002	<0.002	33.6	441	<0.002	2.19
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016	24.9	<0.002	1.46	0.00143(BJ)	0.00237	<0.002	27	501(B)	<0.002	2.04
	12/1/2016	25.4	n/a	n/a	n/a	n/a	n/a	n/a	470(B)	n/a	n/a
	3/6/2017	20.9	<0.002	1.54	0.00355	<0.002	<0.002	25.9	573	<0.002	2.59
	5/24/2017	20.8	<0.002	1.28	0.00137(J)	<0.002	<0.002	27.8	474	<0.002	3.3
	9/1/2017	20.1	0.000313(J)	1.61	0.0021	<0.002	<0.002	25.7	527	<0.002	3.13
	11/17/2017	20.3	<0.002	1.56	0.00193(J)	<0.002	<0.002	24.3	493	<0.002	2.75
	3/13/2018	9.05	0.000668(BJ)	0.705	0.00541	<0.002	<0.002	59.1	654	<0.002	2.77
	6/13/2018	27.2	0.00287(B)	1.56	0.00386	<0.002	<0.002	21.1	551	<0.002	3.42
	9/13/2018	10.9	<0.002	0.833	0.0092	<0.002	<0.002	30.4	700	<0.002	3.38(B)
	12/13/2018	4.16	<0.002	0.429	0.00869	<0.002	<0.002	58.9	688	<0.002	3.46
	3/18/2019	20	<0.002	1.27	0.00263	<0.002	<0.002	26.8	486	<0.002	2.73
	6/13/2019	23.7	<0.002	1.28	0.00284	<0.002	<0.002	31.2	429	<0.002	2.8(B)
	9/24/2019	14.7	<0.002	1.38	0.00638	<0.002	<0.002	22.1	588	<0.002	3.72(B)
	12/3/2019	6.61	<0.002	0.941	0.0106	<0.002	<0.002	45.4	770	<0.002	4.03
	3/13/2020	18.4	0.00027(J)	1.34	0.00337	<0.002	<0.002	28.1	469	<0.002	2.43
	6/2/2020	13.9	<0.005	1.21	0.00933	<0.002	<0.002	30.2	572	<0.002	3.34
	9/15/2020	22.7	<0.005	2.06	0.00594	<0.002	<0.002	25.6	593(B)	<0.002	3.65(B)
	12/8/2020	14.5	<0.002	1.74	0.013	<0.002	<0.002	25.5	774	<0.002	3.43
	3/11/2021	3.08	<0.002	0.697	0.0148	<0.002	<0.002	41.2	719	<0.002	3.29(B)
	6/17/2021	4.04	<0.002	0.634	0.0181	<0.002	<0.002	41	789	<0.002	4.4
	9/9/2021	18.7	<0.002	1.57	0.0107	<0.002	<0.002	25(B)	721	<0.002	3.76
	12/10/2021	18.9	<0.002	1.78	0.00955	<0.002	<0.002	28.4	652	<0.002	4.05
MW-4	downgradient										

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Historical Database, Mississippi County Class 1 Landfill

		Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Thallium (mg/l)	TOC (mg/l)
MW-4 (cont.)	10/27/1993	n/a	<0.025	1.42	<0.01	<0.05	<0.003	n/a	n/a	<0.05	n/a
	3/15/1994	14	0.059	1.2	0.022	<0.025	<0.004	48.7	326	<0.01	5.5
	6/14/1994	17.6	0.044	1.01	<0.01	<0.025	<0.004	35.9	309	<0.01	8.1
	9/15/1994	17	0.073	1.13	<0.01	<0.025	<0.004	47.9	354	0.017	3.8
	12/22/1994	17.2	<0.01	1.17	<0.01	<0.025	<0.004	45.6	328	0.018	3
	6/2/1995	18.8	<0.01	1.48	<0.01	<0.025	<0.004	52.5	369	<0.01	3.8
	12/14/1995	18.8	0.046	1.11	<0.01	0.092	<0.004	56	324	<0.01	2.3
	6/13/1996	16	<0.04	1.1	<0.01	<0.07	<0.007	40	340	<0.04	1.5
	11/26/1996	16	<0.04	1.1	<0.01	<0.07	<0.007	43	320	<0.04	1.8
	4/23/1997	16	<0.04	0.68	<0.01	<0.07	<0.007	16	270	<0.04	1.6
	10/8/1997	13	<0.001	0.68	0.011	<0.002	<0.007	27	230	<0.001	2.9
	4/13/1998	12	<0.001	0.67	<0.01	<0.002	<0.007	24	240	<0.001	3.4
	11/5/1998	12	<0.001	0.62	<0.01	<0.005	<0.007	25	240	<0.001	2.8
	4/1/1999	9.9	<0.001	0.55	<0.01	<0.005	<0.007	22	250	<0.001	2.3
MW-4R	downgradient										
	10/22/1999	19	<0.001	2	<0.01	<0.005	<0.007	62	440	<0.001	2.8
	5/10/2000	24	<0.001	2.1	<0.01	<0.005	<0.007	66	430	<0.001	2.8
	10/12/2000	18	<0.001	1.8	<0.01	<0.005	<0.007	60	460	<0.001	2.4
	4/26/2001	13	<0.001	1.9	<0.01	<0.005	<0.007	72	500	<0.001	2.1
	10/26/2001	13	<0.001	1.4	<0.01	<0.005	<0.007	64	460	<0.001	2.2
	4/10/2002	18	<0.001	2	<0.01	<0.005	<0.007	55	450	<0.001	2.1
	11/6/2002	21	<0.001	1.8	<0.01	<0.005	<0.007	57	440	<0.001	2
	4/18/2003	18	<0.001	2	<0.01	<0.005	<0.007	60	420	<0.001	2.3
	11/5/2003	17	<0.001	1.4	<0.01	<0.005	<0.007	67	500	<0.001	2.5
	4/29/2004	19	<0.001	1.7	0.016	<0.005	<0.007	64	470	<0.001	2.5
	10/20/2004	19	<0.001	1.7	<0.01	<0.005	<0.007	61	440	<0.001	2.3
	4/27/2005	20	<0.001	1.8	<0.01	<0.005	<0.007	69	460	<0.001	2.7

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Historical Database, Mississippi County Class 1 Landfill

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MW-4R (cont.)	10/4/2005	24	<0.001	2	<0.01	<0.005	<0.007	76	560	<0.001	2.6
	4/26/2006	21	<0.001	2	<0.01	<0.005	<0.007	86	550	<0.001	3
	10/3/2006	24	<0.001	2.3	<0.01	<0.005	<0.007	90	570	<0.001	4.3
	4/11/2007	23	<0.001	2.4	<0.01	<0.005	<0.007	91	630	<0.001	4.8
	10/4/2007	26	<0.001	2.5	<0.01	<0.005	<0.007	76	620	<0.001	6.3
	4/21/2008	25	<0.005	2.4	<0.02	<0.001	<0.01	63	530	<0.001	7.7
	10/9/2008	24	<0.005	2.2	<0.02	<0.001	<0.01	55	530	<0.001	10
MW-4R2	downgradient										
	6/11/2009	13	<0.005	1.4	<0.02	<0.001	<0.01	28	300	<0.001	3.1
	11/12/2009	15	<0.005	1.3	<0.02	<0.001	<0.01	28	280	<0.001	3.4
	4/14/2010	14	<0.00024	1.4	0.002	<0.00038	<0.00031	33	290(B)	<0.00019	2.3
	10/12/2010	16	0.00065(J)	1.4	0.0016	0.0005(J)	<0.001	32	300(B)	0.00019(J)	1.5
	4/13/2011	16	<0.001	1.5	<0.001	<0.001	<0.001	34	310	<0.001	1.4
	12/6/2011	17	<0.001	1.5	0.0023	0.0006	<0.001	36	310	<0.001	2.2
	5/7/2012	13	<0.001	1.2	0.0012	<0.001	0.00042(J)	40	280	<0.001	5.1
	10/8/2012	12	<0.001	1.1	0.00039(J)	<0.001	<0.001	27	230	<0.001	2
	3/20/2013	4.8	<0.001	0.72	0.0014	0.0012	<0.001	18	220	<0.001	2.5
	9/25/2013	15	<0.001	1.4	0.0013	0.00061(J)	<0.001	42(B)	280	<0.001	1.8
	3/18/2014	9.9	<0.001	1	<0.005	<0.005	<0.001	26	240	<0.001	2.3
	9/16/2014	12	0.00037(J)	0.98(B)	0.0019	0.0018	<0.001	22	210	0.00024(J)	2.4
	3/24/2015	6.1	<0.002	0.84	0.00045(J)	<0.002	<0.002	22	210	<0.002	2.9
	9/23/2015	13.2	0.000339	1.15	0.000985	<0.002	<0.002	24.7	251	<0.002	2.59
	2/9/2016	11.8	<0.002	1.08	0.000773(BJ)	<0.002	<0.002	25.9	251	<0.002	2.31
	8/24/2016	12.5	<0.002	1.08	0.00167(BJ)	0.00198(J)	<0.002	26.1	282(B)	<0.002	2.64
	3/3/2017	15.8	<0.002	1.48	0.000982(J)	<0.002	<0.002	17.9	263	<0.002	2.76
	5/23/2017	12.5	0.000554(BJ)	1.11	0.000803(J)	<0.002	<0.002	18.1	309	<0.002	3
	9/1/2017	13.2	<0.002	1.27	0.00163(J)	<0.002	<0.002	21.8	259	<0.002	3.09

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MW-4R2 (cont.)	11/17/2017	19.7	<0.002	1.52	0.00199(J)	<0.002	<0.002	21.1	275	<0.002	3.1
	3/12/2018	17	<0.002	1.56	0.00103(J)	<0.002	<0.002	20.1	322	<0.002	3.02
	6/13/2018	9.11	0.000743(BJ)	0.879	0.000839(J)	<0.002	<0.002	19.1	318	<0.002	2.7(B)
	9/12/2018	13.4	<0.002	1.43	0.00181(J)	<0.002	<0.002	25.2	276	<0.002	2.81(B)
	12/12/2018	12.6	0.000255(J)	1.67	0.0024	<0.002	<0.002	27.2	425	<0.002	2.33
	3/12/2019	13.6	<0.002	1.44	0.00124(J)	<0.002	<0.002	30.8	318	<0.002	2.73(B)
	6/12/2019	12.9	0.000794(BJ)	1.34	0.00129(J)	<0.002	<0.002	25	309	<0.002	2.26(B)
	9/24/2019	13.2	<0.002	1.36	0.00181(J)	<0.002	<0.002	26.8	270	<0.002	2.57(B)
	12/3/2019	16.4	<0.002	1.51	0.00222	<0.002	<0.002	19.5	324	<0.002	3.32
	3/12/2020	16.7	<0.002	1.48	0.00235	<0.002	<0.002	15.3	307	<0.002	3.24
	6/2/2020	13.8	<0.005	1.18	0.00244	<0.002	<0.002	10.7	290	<0.002	4.04
	9/14/2020	17	<0.005	1.59	0.00384	<0.002	<0.002	12.7	301(B)	<0.002	3.55(B)
	12/8/2020	17.5	<0.002	2.07	0.00381	<0.002	<0.002	17.3	335	<0.002	2.5
	3/11/2021	19.5	<0.002	1.64	0.00356	<0.002	<0.002	14.5	333	<0.002	3.64
	6/17/2021	12.7	<0.002	1.12	0.00263	<0.002	<0.002	14.9	301	<0.002	3.27(B)
	9/9/2021	15.7	<0.002	1.56	0.00409	<0.002	<0.002	17.3	309	<0.002	2.67(B)
	12/9/2021	18.1	<0.002	1.43	0.0049	<0.002	<0.002	13.7	276	<0.002	3.47
MW-5	downgradient										
	6/14/1994	192	0.265	0.254	0.174	<0.025	<0.004	76.5	482	0.13	7.2
	9/15/1994	24.2	0.058	1.15	<0.01	<0.025	<0.004	67	375	0.014	3.7
	12/22/1994	39.8	<0.01	1.13	0.033	<0.025	<0.004	79.3	399	0.026	2.5
	6/2/1995	6.63	<0.01	0.527	<0.01	<0.025	<0.004	78.7	425	<0.01	4.5
	12/14/1995	24.7	0.073	0.448	<0.01	0.055	<0.004	57.5	417	<0.01	1.82
	6/13/1996	6.1	<0.04	0.42	<0.01	<0.07	<0.007	48	390	<0.04	<1
	11/26/1996	8.3	<0.04	0.56	<0.01	<0.07	<0.007	48	370	<0.04	1.5
	4/23/1997	24	<0.04	0.18	0.015	<0.07	<0.007	36	410	<0.04	<1
	10/8/1997	4.2	<0.001	0.29	<0.01	<0.002	<0.007	50	380	<0.001	2.4

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MW-5 (cont.)	4/13/1998	4.6	<0.001	0.36	<0.01	<0.002	<0.007	42	380	<0.001	3.5
	11/5/1998	5.4	<0.001	0.38	<0.01	<0.005	<0.007	47	480	<0.001	2.8
	4/1/1999	2.9	<0.001	0.26	<0.01	<0.005	<0.007	44	420	<0.001	1.5
	10/22/1999	9.5	<0.001	0.82	<0.01	<0.005	<0.007	53	390	<0.001	2.6
	5/10/2000	13	<0.001	0.87	<0.01	<0.005	<0.007	50	400	<0.001	2.5
	10/12/2000	10	<0.001	0.86	<0.01	<0.005	<0.007	54	410	<0.001	2.3
	4/26/2001	6.5	<0.001	0.69	<0.01	0.0056	<0.007	49	430	<0.001	1.6
	10/26/2001	4.9	<0.001	0.56	<0.01	<0.005	<0.007	55	410	<0.001	1.9
	4/10/2002	5.4	<0.001	0.71	<0.01	0.0063	<0.007	50	390	<0.001	1.7
	11/6/2002	1.6	<0.001	0.15	<0.01	<0.005	<0.007	65	330	<0.001	1.5
	4/18/2003	3.4	<0.001	0.59	<0.01	<0.005	<0.007	47	370	<0.001	1.7
MW-5R	downgradient										
	11/5/2003	9.3	<0.001	2	<0.01	<0.005	<0.007	50	360	<0.001	2.1
	4/29/2004	14	<0.001	1.4	0.011	<0.005	<0.007	44	320	<0.001	2.1
	10/20/2004	14	<0.001	1.4	<0.01	<0.005	<0.007	47	320	<0.001	2.1
	4/27/2005	15	<0.001	1.3	<0.01	<0.005	<0.007	40	300	<0.001	2.3
	10/4/2005	15	<0.001	1.6	<0.01	<0.005	<0.007	47	340	<0.001	1.8
	4/26/2006	16	<0.001	1.6	<0.01	<0.005	<0.007	42	290	<0.001	1.9
	10/3/2006	14	<0.001	1.5	<0.01	<0.005	<0.007	47	300	<0.001	2
	4/11/2007	17	<0.001	1.5	<0.01	<0.005	<0.007	42	300	<0.001	2
	10/4/2007	17	<0.001	2.3	<0.01	<0.005	<0.007	49	340	<0.001	2.4
	4/21/2008	15	<0.005	1.4	<0.02	<0.001	<0.01	44	310	<0.001	2.4
	10/9/2008	14	<0.005	1.4	<0.02	<0.001	<0.01	43	300	<0.001	2.9
	6/11/2009	16	<0.005	1.5	<0.02	<0.001	<0.01	44	330	<0.001	3.6
	11/12/2009	16	<0.005	1.5	<0.02	<0.001	<0.01	45	310	<0.001	3.5
	4/14/2010	17	<0.00024	1.7	0.0017	<0.00038	<0.00031	48	330(B)	<0.00019	3
	10/12/2010	17	0.00095(J)	1.7	0.0016	<0.001	<0.001	46	340(B)	<0.001	2

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MW-5R (cont.)	4/13/2011	17	<0.001	1.6	<0.001	<0.001	<0.001	44	320	<0.001	1.3
	12/6/2011	16	0.00072	2	0.0019	0.00071	0.00034	46	340	<0.001	2.2
	5/7/2012	17	<0.001	1.7	0.0019	<0.001	<0.001	48	340	<0.001	6.5
	10/8/2012	15	<0.001	1.9	0.0037	<0.001	<0.001	48	330	<0.001	1.4
	3/20/2013	15	<0.001	1.7	0.0018	<0.001	<0.001	46	350	<0.001	1.7
	9/25/2013	0.4	<0.001	0.6	0.00097(J)	<0.001	<0.001	46(B)	320	<0.001	1.2
	3/18/2014	17	<0.001	1.9	0.0042(J)	<0.005	<0.001	47	340	<0.001	1.5
	9/17/2014	16	0.00037(J)	1.8(B)	0.0021	0.0011	<0.001	46	320	0.00022(J)	1.5
	3/24/2015	0.53	<0.002	0.069	<0.002	<0.002	<0.002	52	320	<0.002	2.2
	9/23/2015	15.1	0.000719	1.65	0.000507	<0.002	<0.002	46.9	322	<0.002	2.31
	2/9/2016	16.9	0.000292(J)	1.6	0.000369(BJ)	<0.002	<0.002	46.7	336	<0.002	1.47
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016	15.1	0.000281(J)	1.53	0.00133(BJ)	0.00135(J)	<0.002	47.7	353(B)	<0.002	2.03
	3/3/2017	16.7	<0.002	1.72	<0.002	<0.002	<0.002	49.6	320	<0.002	1.44
	5/23/2017	18.4	<0.002	1.66	0.000378(J)	<0.002	<0.002	51.6	356	<0.002	1.88
	9/1/2017	14.6	0.000354(J)	1.66	0.000471(J)	<0.002	<0.002	50.6	321	<0.002	2.09
	11/17/2017	16.6	<0.002	1.73	0.00057(J)	<0.002	<0.002	48.9	348	<0.002	1.68
	3/13/2018	20.1	0.000849(BJ)	1.85	0.000739(J)	<0.002	<0.002	50.7	363	<0.002	2.05
	6/13/2018	15.2	0.000512(BJ)	1.39	0.000559(J)	<0.002	<0.002	46.6	377	<0.002	1.69(B)
	9/13/2018	15.9	<0.002	1.79	0.000673(J)	<0.002	<0.002	46.6	343	<0.002	2.1(B)
	12/13/2018	19.7	0.00065(J)	1.83	0.000672(J)	<0.002	<0.002	47.7	340	0.000361(J)	1.95
	3/13/2019	17.7	<0.002	1.97	0.000525(J)	<0.002	<0.002	49.8	364	<0.002	1.84(B)
	6/13/2019	18.7	0.000393(BJ)	1.84	0.00069(J)	<0.002	<0.002	46.3	368	<0.002	2.06(B)
	9/24/2019	16.2	0.000801(J)	1.77	0.000874(J)	<0.002	<0.002	48.3	337	<0.002	2.35(B)
	12/3/2019	19	0.000337(J)	1.76	0.000564(J)	<0.002	<0.002	49.2	359	<0.002	2.05(B)
	3/12/2020	20.2	0.000315(J)	2.03	0.000901(J)	<0.002	<0.002	42.7	364	<0.002	1.96(B)
	6/2/2020	19.3	<0.005	1.88	0.000983(J)	<0.002	<0.002	37.1	329	<0.002	2.64

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Historical Database, Mississippi County Class 1 Landfill

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MW-5R (cont.)	9/14/2020	16.4	<0.005	1.94	0.00113(J)	<0.002	<0.002	45.3	323(B)	<0.002	1.82(B)
	12/8/2020	17.3	<0.002	2.09	0.00132(J)	<0.002	<0.002	44.4	355	<0.002	2.01
	3/11/2021	17.2	<0.002	2.07	0.00103(J)	<0.002	<0.002	45.2	357	<0.002	1.7(B)
	6/17/2021	17.7	<0.002	1.75	0.00108(J)	0.00044(J)	<0.002	45.1	372	0.00323	2.23(B)
	9/9/2021	14.4	<0.002	1.98	0.0012(J)	<0.002	<0.002	44.5	356	<0.002	1.99(B)
	12/9/2021	17.5	<0.002	1.99	0.00126(J)	<0.002	<0.002	42.8	340	<0.002	1.48(B)
MW-6	downgradient										
	11/5/2003	15	<0.001	1.6	<0.01	<0.005	<0.007	35	460	<0.001	2.1
	4/29/2004	12	0.0034	1	0.012	<0.005	<0.007	33	490	<0.001	1.9
	10/20/2004	16	<0.001	1.2	<0.01	<0.005	<0.007	30	490	<0.001	2
	4/27/2005	15	<0.001	1.1	<0.01	<0.005	<0.007	28	390	<0.001	1.5
	10/4/2005	13	<0.001	1	<0.01	<0.005	<0.007	31	400	<0.001	1.2
	4/26/2006	7.8	<0.001	1.2	<0.01	<0.005	<0.007	44	490	<0.001	1.5
	10/3/2006	8.8	<0.001	1.3	<0.01	<0.005	<0.007	44	460	<0.001	2.1
	4/11/2007	11	0.0012	1.2	<0.01	<0.005	<0.007	39	470	<0.001	1.8
	10/4/2007	14	<0.001	1.2	<0.01	<0.005	<0.007	31	470	<0.001	2.2
	4/21/2008	8.6	<0.005	1.2	<0.02	<0.001	<0.01	48	470	<0.001	3.7
	10/9/2008	11	<0.005	1	<0.02	<0.001	<0.01	30	440	<0.001	4.2
	6/11/2009	9.4	<0.005	1.2	<0.02	<0.001	<0.01	46	540	<0.001	4.7
	11/12/2009	3.5	<0.005	0.84	<0.02	<0.001	<0.01	43	450	<0.001	4.4
	4/14/2010	8.6	<0.00024	1	0.0032	0.00045(J)	<0.00031	47	450(B)	<0.00019	3.2
	10/12/2010	14	0.00052(J)	1.3	0.0027	0.00053(J)	<0.001	34	490(B)	<0.001	1.5
	4/13/2011	4.8	<0.001	0.99	0.0017	<0.001	<0.001	40	430	<0.001	1.5
	12/6/2011	3.2	<0.001	0.86	0.0031	0.0018	<0.001	28	420	<0.001	2.2
	5/8/2012	5.7	<0.001	0.89	0.0031	<0.001	<0.001	29	390	<0.001	8.5
	10/8/2012	19	<0.001	1.5	0.0045	<0.001	<0.001	48(O)	510	<0.001	1.9
	3/20/2013	2.8	<0.001	0.66	0.0031	<0.001	<0.001	27	400	<0.001	1.5

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Historical Database, Mississippi County Class 1 Landfill

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MW-6 (cont.)	9/25/2013	2.6	0.0021	0.83	0.0026	<0.001	<0.001	16(B)	380	<0.001	1.9
	3/19/2014	3.2	0.00025(J)	0.86	0.0022	0.00055(J)	<0.001	24	380	<0.001	1.5
	9/17/2014	4	0.00029(J)	0.77(B)	0.0045	0.0018	<0.001	18	420	0.00024(J)	1.8
	3/24/2015	1.8	<0.002	0.46	0.0014(J)	<0.002	<0.002	25	410	<0.002	3.6
	9/23/2015	6	0.000483	0.95	0.00158	<0.002	<0.002	21.3	456	<0.002	2.87
	2/9/2016	6.85	<0.002	1.04	0.00184(BJ)	<0.002	<0.002	23	472	<0.002	2.03
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016	1.08	0.000364(J)	0.761	0.0031(B)	0.00138(J)	<0.002	23	468(B)	<0.002	2.6
	3/6/2017	3.13	<0.002	0.692	0.00357	<0.002	<0.002	24.8	493	<0.002	2.61
	5/23/2017	7.53	0.000469(BJ)	1.1	0.00368	<0.002	<0.002	28.9	540	<0.002	3.55
	9/1/2017	5.07	<0.002	0.944	0.00732	<0.002	<0.002	26.6	641	<0.002	5.23
	11/17/2017	6.09	<0.002	1.14	0.00928	<0.002	<0.002	23.2	659	<0.002	6.14
	3/13/2018	8.96	0.00101(BJ)	1.31	0.00872	<0.002	<0.002	25	656	<0.002	4.91
	6/13/2018	3.55	0.0038(B)	1.45	0.00831	<0.002	<0.002	23.3	643	<0.002	3.52
	9/13/2018	5.68	<0.002	0.9	0.00804	<0.002	<0.002	25	587	<0.002	4.22(B)
	12/13/2018	11.6	0.000324(J)	1.35	0.00729	<0.002	<0.002	22.8	605	<0.002	4.19
	3/14/2019	9.75	<0.002	1.28	0.00813	<0.002	<0.002	25.3	620	<0.002	4.12(B)
	6/13/2019	7.58	0.000489(BJ)	1.62	0.00723	<0.002	<0.002	24	569	<0.002	3.82
	9/24/2019	7.83	0.000291(J)	1.06	0.0052	<0.002	<0.002	23.8	497	<0.002	4.2
	12/3/2019	5.09	<0.002	0.884	0.00711	<0.002	<0.002	23	574	<0.002	3.99
	3/13/2020	7.77	0.000362(J)	1.07	0.00688	<0.002	<0.002	25.1	557	<0.002	3.24
	6/2/2020	6.57	<0.005	0.889	0.00639	<0.002	<0.002	25.6	501	<0.002	3.07
	9/14/2020	6.97	<0.005	0.947	0.00513	<0.002	<0.002	24.2	486(B)	<0.002	3.05
	12/8/2020	6.07	<0.002	0.901	0.00582	<0.002	<0.002	21.5	515	<0.002	2.64
	3/11/2021	7.37	<0.002	0.801	0.00492	<0.002	<0.002	22.7	476	<0.002	3.19(B)
	6/17/2021	4.33	<0.002	0.672	0.00515	<0.002	<0.002	19.4	491	<0.002	3.41(B)
	9/9/2021	7.4	<0.002	0.882	0.00523	<0.002	<0.002	18.2	503	<0.002	3.66

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MW-6 (cont.)	12/9/2021	16.4	0.00117(J)	1.5	0.00253	<0.002	<0.002	27.8	523	<0.002	2.92
OB-1	upgradient										
	4/11/2007	7.9	<0.001	2.2	<0.01	<0.005	<0.007	3.4	390	<0.001	2.9
	11/30/2016	8.05	<0.002	2.29	0.000413(BJ)	<0.002	<0.002	4.29(J)	375(B)	<0.002	2.34
	3/1/2017	8.06	<0.002	2.24	<0.002	<0.002	<0.002	4.04(J)	361	<0.002	1.45
	5/17/2017	9.14	<0.002	1.81	<0.002	<0.002	<0.002	6.42	377	<0.002	2.08
	8/16/2017	10.6	<0.002	2.46	<0.002	<0.002	<0.002	5.98	413	<0.002	1.97
	11/13/2017	9.89	<0.002	2.35	<0.002	<0.002	<0.002	3.92(J)	366	<0.002	1.83
	3/12/2018	11.7	0.000457(J)	2.51	0.000742(J)	<0.002	<0.002	5.14	408	0.000327(J)	1.93
	6/11/2018	11.1	0.000277(BJ)	2.18	<0.002	<0.002	<0.002	6.22	417	<0.002	1.44(B)
	9/12/2018	11.3	<0.002	2.58	<0.002	<0.002	<0.002	5.99	406	<0.002	2.14(B)
	12/11/2018	12.4	<0.002	2.77	0.00151(J)	<0.002	<0.002	6.06	264	<0.002	1.63
	3/12/2019	8.39	0.000261(J)	1.99	0.00102(J)	<0.002	<0.002	5.27	394	<0.002	1.53(B)
	6/12/2019	7.75	0.000681(BJ)	1.62	0.000388(J)	<0.002	<0.002	6.2	329	<0.002	1.55(B)
	9/24/2019	9.59	<0.002	2.42	0.000577(J)	<0.002	<0.002	5.68	385	<0.002	1.76(B)
	12/3/2019	7.35	0.000559(BJ)	1.73	0.000749(J)	<0.002	<0.002	5.31(B)	372	<0.002	1.27(B)
	3/10/2020	0.206	<0.002	0.0367	0.00109(J)	0.000496(J)	<0.002	6.47	271	<0.002	0.962(BJ)
	6/2/2020	3.75	<0.005	0.888	0.00108(J)	<0.002	<0.002	6	292	<0.002	1.35(B)
	9/14/2020	7.89	<0.005	2.94	<0.002	<0.002	<0.002	5.58	368(B)	<0.002	1.36(B)
	12/8/2020	7.95	<0.002	2.92	<0.002	<0.002	<0.002	3.46(J)	388(B)	<0.002	1.55(B)
	3/9/2021	5.27	<0.002	2.33	0.00102(J)	<0.002	<0.002	4.93(J)	380	<0.002	2.01(B)
	6/14/2021	9.28	<0.002	2.44	<0.002	<0.002	<0.002	4.3(J)	401	<0.002	2.31(B)
	9/8/2021	6.44	<0.002	3.01	<0.002	<0.002	<0.002	5.18(B)	414	<0.002	1.55(B)
	12/7/2021	6.06	<0.002	2.7	<0.002	<0.002	<0.002	3.6(J)	402	<0.002	1.22(B)
MW-10	upgradient										
	4/2/2013	2.4	0.00059(J)	0.39	0.0033	0.025	<0.001	50	320	<0.001	1.9
	6/12/2013	0.08(J)	<0.001	0.27	0.0019	0.026	<0.001	44	310	<0.001	1.8

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MW-10 (cont.)	9/25/2013	0.51	0.00042(J)	0.86	0.0027	<0.001	<0.001	38(B)	290	<0.001	2.6
	12/11/2013	6.1	<0.005	1.2	0.0022	0.00053(J)	<0.005	40	320	<0.005	2.2
	3/19/2014	3.1	0.00033(J)	0.73	0.0025	0.0012	<0.001	30	260	<0.001	2.8
	6/25/2014	6	<0.001	0.58	0.0015	<0.001	<0.001	28	280	<0.001	2.5
	9/18/2014	15	0.00026(J)	0.87(B)	0.004	0.0014	<0.001	35	300	0.00022(J)	3.4
	12/16/2014	15	0.001(J)	0.98	0.0048	0.0012(J)	<0.002	42	320	<0.002	3
	3/25/2015	0.014(J)	<0.002	0.0024(J)	0.00058(J)	0.024	<0.002	30	250	<0.002	1.9
	9/24/2015	4.22	0.000355	0.436	0.000885	0.000518	<0.002	33	291	<0.002	3.01
	2/18/2016	0.16	0.000295(J)	0.00328(J)	0.0012(J)	0.0319	<0.002	28.9	279	<0.002	1.3
	8/25/2016	4.84	0.000576(BJ)	0.285	0.00211(B)	<0.002	<0.002	28.7	270	<0.002	2.2
	5/18/2017	0.677	<0.002	0.0557	0.00064(BJ)	0.000771(J)	<0.002	29.6	249	<0.002	1.59
	11/14/2017	4.1	<0.002	0.278	0.00118(J)	<0.002	<0.002	31.2	280	<0.002	2.51
	6/11/2018	1.78	0.00041(BJ)	0.161	0.00154(J)	<0.002	<0.002	23.2	239	<0.002	1.61(B)
	12/17/2018	4.55	0.000315(J)	0.235	0.00173(J)	0.00048(J)	<0.002	13	184	<0.002	3.59
	6/19/2019	7.52	0.000475(J)	0.652	0.00155(J)	<0.002	<0.002	11.7	211	<0.002	2.69(B)
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	0.51	0.000294(J)	0.0215	0.00176(J)	<0.002	<0.002	20.2	214	<0.002	2.01(B)
	6/10/2020	5.08	<0.005	0.37	0.00155(J)	0.0016(J)	<0.002	15.2	220	<0.002	1.84
	12/10/2020	3.64	<0.002	0.325	0.0016(J)	0.00408	<0.002	15.3	204(B)	<0.002	2.05(B)
	6/15/2021	3.68	<0.002	0.483	0.00155(J)	<0.002	<0.002	22.1	235	<0.002	1.92(B)
	12/8/2021	5.7	0.000956(J)	0.769	0.00232	0.00127(J)	<0.002	20.4	236	<0.002	1.93(B)
MW-11	upgradient										
	11/5/2015	18.7	0.000334	2	0.00187	<0.002	<0.002	44.8	310	<0.002	2.43
	2/10/2016	14.8	<0.002	1.88	0.0025(B)	<0.002	<0.002	44.5	286	<0.002	1.44
	5/19/2016	20.2	<0.002	1.72	0.00318	<0.002	<0.002	47.2	294	<0.002	2.17
	8/28/2016	20.7	<0.002	1.76	0.00348(B)	<0.002	<0.002	47.9	378(B)	<0.002	1.54(B)
	12/1/2016	16.8	<0.002	1.75	0.00211(B)	<0.002	<0.002	51.2	314(B)	<0.002	2.85

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MW-11 (cont.)	3/2/2017	12	<0.002	1.55	0.00216	<0.002	<0.002	52.1	318	<0.002	3.54
	5/19/2017	22.4	<0.002	1.73	0.00264(B)	<0.002	<0.002	47.4	294	<0.002	1.69
	8/17/2017	16.7	<0.002	1.8	0.00241	<0.002	<0.002	53.1	318	<0.002	2.95
	11/14/2017	15.2	<0.002	1.67	0.00249	<0.002	<0.002	40.6	321	<0.002	2.31
	6/11/2018	21.1	<0.002	1.76	0.00295	<0.002	<0.002	47	306	<0.002	1.61(B)
	12/17/2018	10.6	<0.002	1.05	0.000956(J)	<0.002	<0.002	7.6	207	<0.002	6.23
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.95(B)
	6/20/2019	15.7	<0.002	1.47	0.000972(J)	<0.002	<0.002	39.2	301	<0.002	1.94(B)
	12/5/2019	6.89	0.000251(J)	0.974	0.000818(J)	<0.002	<0.002	32.3	304	<0.002	2.61(B)
	6/10/2020	16.3	<0.005	1.93	<0.002	<0.002	<0.002	37.9	276	<0.002	1.69(B)
	12/9/2020	13.1	<0.002	1.73	<0.002	<0.002	<0.002	37.8	330(B)	<0.002	1.44(B)
	3/9/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	4/19/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/15/2021	16.4	<0.002	1.74	0.00141(J)	<0.002	<0.002	38.1	284	<0.002	1.77(B)
	9/8/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/8/2021	13.5	<0.002	1.72	0.00381	<0.002	<0.002	25.2	268	<0.002	1.3(B)
MW-12	downgradient										
	11/5/2015	6.82	<0.002	2.68	0.00107	<0.002	<0.002	58.7	315	<0.002	1.91
	2/10/2016	5.02	<0.002	1.64	0.00254(B)	<0.002	<0.002	44.2	263	<0.002	1.08
	5/19/2016	5.6	<0.002	1.93	0.00143(J)	<0.002	<0.002	42.9	261	<0.002	1.51
	8/28/2016	7.1	<0.002	2.46	0.00347(B)	<0.002	<0.002	53.3	370(B)	<0.002	1.95(B)
	12/1/2016	7.17	<0.002	2.26	0.00153(BJ)	<0.002	<0.002	56.2	301(B)	<0.002	1.51
	3/2/2017	0.841	<0.002	0.417	0.0017(J)	<0.002	<0.002	44.9	240	<0.002	1.01
	5/19/2017	8.39	<0.002	2.47	0.00118(BJ)	<0.002	<0.002	56.4	306	<0.002	1.5
	8/17/2017	5.59	<0.002	1.44	0.00479	<0.002	<0.002	47	249	<0.002	1.42
	11/14/2017	6.48	<0.002	1.31	0.00617	<0.002	<0.002	37.2	229	<0.002	1.32
	6/11/2018	5.99	<0.002	2.16	0.00304	<0.002	<0.002	42.2	284	<0.002	1.03(B)

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Historical Database, Mississippi County Class 1 Landfill

		Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Thallium (mg/l)	TOC (mg/l)
MW-12 (cont.)	12/17/2018	6.57	<0.002	0.785	0.00284	<0.002	<0.002	21.3	169	<0.002	2.66
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.5(B)
	6/20/2019	8.79	<0.002	2.03	0.00212	<0.002	<0.002	45	287	<0.002	1.39(B)
	12/5/2019	4.96	<0.002	0.959	0.00191(J)	<0.002	<0.002	23.8	201	<0.002	1.64(B)
	6/10/2020	7.05	<0.005	1.72	0.00199(J)	0.000688(J)	<0.002	49.5	270	<0.002	1.06(B)
	12/10/2020	2.45	<0.002	1.02	0.00364	<0.002	<0.002	33.8	214(B)	<0.002	1.53(B)
	6/16/2021	6.57	<0.002	1.48	0.00257	<0.002	<0.002	44.4	263	<0.002	1.44(B)
	12/8/2021	6.41	<0.002	1.58	0.00486	0.000351(J)	<0.002	40.5	240	<0.002	0.878(BJ)
MW-13	downgradient										
	11/5/2015	11.8	<0.002	1.78	<0.002	<0.002	<0.002	98.5	386	<0.002	9.08
	2/10/2016	16.3	<0.002	1.76	<0.002	<0.002	<0.002	49	303	<0.002	1.56
	5/19/2016	15.9	<0.002	2	0.00301	<0.002	<0.002	53.9	306	<0.002	2.37
	8/28/2016	17.6	0.00067(BJ)	1.85	0.00145(BJ)	<0.002	<0.002	52.8	383(B)	<0.002	1.44(B)
	12/1/2016	14.8	<0.002	1.85	<0.002	<0.002	<0.002	48.6	296(B)	<0.002	2.68
	3/2/2017	3.83	<0.002	0.757	0.00155(J)	0.00312	<0.002	71.4	344	<0.002	1.63
	5/24/2017	18.5	<0.002	1.82	<0.002	<0.002	<0.002	55	342	<0.002	1.47
	8/18/2017	18.1	<0.002	1.89	<0.002	<0.002	<0.002	55.7	304	<0.002	1.9
	11/14/2017	17.4	<0.002	1.85	0.000394(J)	0.000425(J)	<0.002	52.4	327	<0.002	1.68
	6/11/2018	18.3	0.000258(BJ)	2.01	0.00131(J)	<0.002	<0.002	57	334	<0.002	1.76(B)
	12/19/2018	15.9	<0.002	1.4	0.000961(J)	0.000535(J)	<0.002	17.4	259	<0.002	4.43
	6/20/2019	13.1	<0.002	1.31	0.000903(J)	<0.002	<0.002	21.7	283	<0.002	3.51
	12/5/2019	5.68	0.000245(J)	0.57	0.000536(J)	0.000393(J)	<0.002	30.4	293	<0.002	2.12(B)
	6/10/2020	15.6	<0.005	2.02	<0.002	0.000722(J)	<0.002	32.7	291	<0.002	1.57(B)
	12/10/2020	10.7	<0.002	0.648	0.00138(J)	0.000778(J)	<0.002	32.7	272(B)	<0.002	2.63(B)
	6/16/2021	15.5	<0.002	1.66	0.000888(J)	0.00036(J)	<0.002	37.6	302	<0.002	1.76(B)
	12/8/2021	13.4	<0.002	1.53	<0.002	<0.002	<0.002	30.1	291	<0.002	1.32(B)
MW-14	downgradient										

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Historical Database, Mississippi County Class 1 Landfill

		Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Thallium (mg/l)	TOC (mg/l)
MW-14 (cont.)	11/6/2015	6.1	<0.002	1.99	0.000412	<0.002	<0.002	112	431	<0.002	7.71
	2/18/2016	7.66	<0.002	1.51	0.00191(J)	<0.002	<0.002	26.4	232	<0.002	1.48
	5/23/2016	9.68	<0.002	1.72	<0.002	<0.002	<0.002	31.9	291(B)	<0.002	31.3
	8/29/2016	8.27	0.000408(BJ)	1.68	0.000774(BJ)	<0.002	<0.002	25.1	343	<0.002	1.19(B)
	12/1/2016	6.56	<0.002	1.32	<0.002	<0.002	<0.002	19.1	225(B)	<0.002	2.24
	3/2/2017	7.18	<0.002	1.38	<0.002	<0.002	<0.002	19.9	222	<0.002	1.24
	5/22/2017	2.64	<0.002	0.942	<0.002	<0.002	<0.002	18.4	262	<0.002	1.2
	8/18/2017	9.69	<0.002	1.66	<0.002	<0.002	<0.002	33.1	240	<0.002	2.13
	11/16/2017	7.34	<0.002	1.47	<0.002	<0.002	<0.002	24.8	227	<0.002	1.86
	6/13/2018	3.21	0.00117(BJ)	0.895	<0.002	<0.002	<0.002	19.6	246	<0.002	1.23(B)
	12/19/2018	5.53	<0.002	1.72	<0.002	<0.002	<0.002	16.9	215	<0.002	1.4
	6/19/2019	11.4	0.000346(J)	2.13	0.000422(J)	<0.002	<0.002	42.6	271	<0.002	1.56(B)
	9/24/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/5/2019	13	<0.002	1.98	<0.002	<0.002	<0.002	40.3	306	<0.002	1.7(B)
	3/10/2020	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/5/2020	11.6	<0.005	1.83	<0.002	<0.002	<0.002	40.7	307	<0.002	1.85(B)
	12/11/2020	11.4	<0.002	2.28	<0.002	<0.002	<0.002	37.7	314(B)	<0.002	1.34(B)
	6/16/2021	11	<0.002	1.79	<0.002	<0.002	<0.002	38.1	302	<0.002	1.68(B)
	12/8/2021	11.5	<0.002	2.23	<0.002	<0.002	<0.002	37	298	<0.002	1.29(B)
MW-15	downgradient										
	4/3/2013	2	0.0012	0.49	0.0044	0.0084	<0.001	26	200	<0.001	1.5
	4/3/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/12/2013	0.19	<0.001	0.49	0.0028	0.002	<0.001	38	240	<0.001	1.6
	9/25/2013	0.09(J)	<0.001	0.011	0.002	0.0017	<0.001	18(B)	140	<0.001	1.2
	12/12/2013	0.43	<0.005	0.13	0.0031	0.00041(J)	<0.005	22	160	<0.005	0.91(J)
	3/19/2014	86	0.042	0.69	0.084	0.0089	<0.001	19	160	0.00077(J)	1.2
MW-15R	downgradient										

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Historical Database, Mississippi County Class 1 Landfill

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MW-15R (cont.)	11/6/2015	9.1	<0.002	0.907	0.000616	<0.002	<0.002	92.4	321	<0.002	8.05
	5/23/2016	10.5	0.000824(J)	0.915	0.00215(B)	<0.002	<0.002	19.1	220(B)	<0.002	26.8
	8/29/2016	9.59	<0.002	0.898	0.00205(B)	<0.002	<0.002	20.9	202	<0.002	1.16(B)
	12/1/2016	8.61	<0.002	0.847	0.00105(BJ)	<0.002	<0.002	17.7	190(B)	<0.002	2.09
	3/2/2017	7.94	<0.002	0.731	0.000691(J)	<0.002	<0.002	19.1	216	<0.002	2.9
	5/23/2017	9.41	<0.002	0.883	0.00123(J)	<0.002	<0.002	16.6	243	<0.002	1.38
	8/18/2017	13.2	<0.002	1.02	0.00102(J)	<0.002	<0.002	32.7	279	<0.002	1.96
	11/16/2017	14.3	0.00058(J)	1.18	0.0043	0.000734(J)	<0.002	14.1	254	0.000411(J)	6.73
	6/13/2018	11.3	0.00245(B)	0.989	0.00184(J)	<0.002	<0.002	22.1	229	<0.002	1.33(B)
	9/13/2018	n/a	0.000299(J)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/19/2018	12.9	<0.002	1.14	0.00262	<0.002	<0.002	19.3	229	<0.002	1.75
	6/19/2019	10.8	<0.002	1.01	0.00231	<0.002	<0.002	23.4	226	<0.002	1.66(B)
	12/3/2019	13.4	0.000245(J)	1.12	0.00259	<0.002	<0.002	19.3	232	<0.002	1.97(B)
	6/4/2020	10.7	<0.005	1.03	0.00207	<0.002	<0.002	26.9	227	<0.002	1.68(B)
	12/10/2020	14.8	<0.002	1.26	0.00327	<0.002	<0.002	20.6	264(B)	<0.002	1.65(B)
	6/16/2021	12.3	<0.002	1.12	0.00331	<0.002	<0.002	18.8	284	<0.002	2.1(B)
	12/9/2021	12.8	<0.002	1.27	0.00266	<0.002	<0.002	22.5	242	<0.002	1.07(B)
MW-16	downgradient										
	11/5/2015	11.3	<0.002	1.1	0.000709	<0.002	<0.002	67	373	<0.002	3.92
	8/29/2016	12.4	<0.002	0.983	0.00207(B)	<0.002	<0.002	30	291	<0.002	1.58(B)
	12/5/2016	12.9	<0.002	1.01	0.00287	<0.002	<0.002	30.7	1210	<0.002	2.52
	3/2/2017	10.3	0.000322(J)	1.08	0.0012(J)	<0.002	<0.002	37.6	321	<0.002	1.78
	5/23/2017	13.5	<0.002	0.993	0.002	<0.002	<0.002	31.5	296	<0.002	1.48
	8/18/2017	10.4	<0.002	0.817	0.000608(J)	<0.002	<0.002	20	171	<0.002	2.06
	11/16/2017	14.5	<0.002	1.19	0.00158(J)	<0.002	<0.002	41.8	335	<0.002	2.07
	3/14/2018	13.3	<0.002	1.05	0.00104(J)	<0.002	<0.002	34.6	311	<0.002	1.76
	6/12/2018	12.5	<0.002	1.03	0.00127(J)	<0.002	<0.002	29.5	293	<0.002	2.1(B)

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MW-16 (cont.)	12/20/2018	14.4	<0.002	1.17	0.00139(J)	<0.002	<0.002	38.1	302	<0.002	1.78
	6/18/2019	14.1	<0.002	1.17	0.00294	<0.002	<0.002	35.8	325	<0.002	1.91(B)
	12/4/2019	16.9	<0.002	1.36	0.00273	<0.002	<0.002	48.2	365	<0.002	2.18(B)
	3/12/2020	16.6	n/a	1.25	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/4/2020	9.74	<0.005	0.921	0.0017(J)	<0.002	<0.002	35.4	324	<0.002	2.05(B)
	12/10/2020	15.9	<0.002	1.35	0.00225	<0.002	<0.002	37.5	323(B)	<0.002	1.4(B)
	6/16/2021	14.8	<0.002	1.29	0.0024	<0.002	<0.002	47.2	352	<0.002	1.81(B)
	12/9/2021	17.5	<0.002	1.33	0.00358	<0.002	<0.002	39.1	317	<0.002	1.29(B)
MW-17	upgradient										
	4/2/2013	11	0.00043(J)	1.6	0.0021	<0.001	<0.001	28	280	<0.001	1.4
	6/12/2013	0.24	0.00027(J)	0.028	0.0011	<0.001	<0.001	30	310	<0.001	0.87(J)
	9/26/2013	5.2	<0.001	1	0.0016	<0.001	<0.001	39(B)	240	<0.001	0.99(J)
	12/12/2013	18	<0.005	1.6	0.00061(J)	<0.001	<0.005	32	260	<0.005	1.4
	3/19/2014	14	0.00026(J)	1.5	0.0015	<0.001	<0.001	31	270	<0.001	1.7
	6/25/2014	16	<0.001	1.6	<0.001	<0.001	<0.001	29	300	<0.001	1.4
	9/18/2014	8.7	0.00025(J)	1.4(B)	0.0022	0.0011	<0.001	26	260	0.00023(J)	1.2
	12/16/2014	15	0.0014(J)	1.5	0.0032	<0.002	0.00031(J)	30	270	<0.002	1.2
	3/25/2015	11	<0.002	0.78	<0.002	<0.002	<0.002	33	250	<0.002	1
	9/23/2015	0.259	0.000793	0.654	0.00124	0.000469	<0.002	34.4	243	<0.002	1.05
	2/18/2016	16.6	<0.002	1.13	0.00143(J)	<0.002	<0.002	23.9	284	<0.002	1.6
	8/26/2016	9.2	<0.002	1.2	0.000929(BJ)	<0.002	<0.002	23.9	250	<0.002	1.43
	5/18/2017	11.1	<0.002	1.11	0.00103(BJ)	<0.002	<0.002	29.7	291	<0.002	1.15
	11/14/2017	16.9	<0.002	1.5	0.0004(J)	<0.002	<0.002	27	258	<0.002	1.35
	6/11/2018	14.5	<0.002	1.19	0.00121(J)	<0.002	<0.002	24.1	269	<0.002	1.56(B)
	12/17/2018	15.5	<0.002	1.38	<0.002	<0.002	<0.002	23.7	257	<0.002	1.51
	6/17/2019	12.9	<0.002	1.19	0.00185(J)	<0.002	<0.002	21.5	258	<0.002	2.67(B)
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.61(B)

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		Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Thallium (mg/l)	TOC (mg/l)
MW-17 (cont.)	12/4/2019	15.2	<0.002	1.46	0.000971(J)	<0.002	<0.002	25.1	258	<0.002	1.23(B)
	6/3/2020	14.1	<0.005	1.14	0.00154(J)	<0.002	<0.002	23.5	250	<0.002	1.8
	12/9/2020	14.7	<0.002	1.57	0.000998(J)	<0.002	<0.002	23.5	248(B)	<0.002	1.41(B)
	6/14/2021	14.6	<0.002	1.34	0.0012(J)	<0.002	<0.002	22.6	265	<0.002	1.67(B)
MW-18	upgradient										
	4/3/2013	18	<0.001	1.4	0.0016	0.00053(J)	<0.001	84	450	<0.001	1.7
	6/12/2013	18	<0.001	1.4	0.0011	<0.001	<0.001	80	450	<0.001	1.7
	9/25/2013	9.2	<0.001	0.91	0.0028	<0.001	<0.001	90(B)	470	<0.001	1.8
	12/12/2013	16	<0.005	1.1	0.0016	<0.001	<0.005	89	440	<0.005	1.7
	3/19/2014	4	<0.001	0.48	0.0042	0.0052	<0.001	100	520	<0.001	1.2
	6/25/2014	2.3	<0.001	0.76	0.003	0.0078	<0.001	120	670	<0.001	1.3
	9/18/2014	11	<0.001	0.93(B)	0.003	<0.001	<0.001	83	500	0.00021(J)	1.7
	12/17/2014	15	0.0016(J)	1.2	0.0045	<0.002	<0.002	81	430	<0.002	1.4
	9/24/2015	13.2	0.000453	1.05	0.000783	0.000391	<0.002	83.1	526	<0.002	1.48
	8/29/2016	10.9	0.000247(BJ)	1.04	0.00139(BJ)	<0.002	<0.002	71	430	<0.002	1.59(B)
	5/22/2017	15.5	<0.002	1.16	<0.002	<0.002	<0.002	70.7	411	<0.002	1.51
	11/16/2017	13.6	<0.002	1.02	0.000694(J)	0.00161(J)	<0.002	86.2	450	<0.002	1.69
	6/12/2018	4.43	<0.002	0.568	0.00136(J)	0.00259	<0.002	101	524	<0.002	1.25(B)
	12/20/2018	0.526	<0.002	0.314	0.00126(J)	0.00784	<0.002	83	461	<0.002	1.93
	3/13/2019	n/a	n/a	n/a	n/a	<0.002	n/a	n/a	n/a	n/a	n/a
	6/18/2019	13.2	<0.002	1.04	0.00151(J)	<0.002	<0.002	86.3	459	<0.002	1.52(B)
	12/3/2019	2.91	<0.002	0.582	0.00172(J)	0.022(O)	<0.002	91.4	504	<0.002	1.44(B)
	3/10/2020	n/a	n/a	n/a	n/a	0.000809(J)	n/a	n/a	n/a	n/a	n/a
	6/4/2020	8.67	<0.005	0.936	0.00148(J)	<0.002	<0.002	94.3	491	<0.002	1.41(B)
	12/10/2020	16.8	<0.002	1.3	0.00145(J)	<0.002	<0.002	91.7	456(B)	<0.002	1.31(B)
	6/16/2021	1.12	<0.002	0.22	0.00101(J)	0.0612	<0.002	131	540	<0.002	1.63(B)
	9/8/2021	n/a	n/a	n/a	n/a	<0.002	n/a	81.1	n/a	n/a	n/a

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Historical Database, Mississippi County Class 1 Landfill

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MW-18 (cont.)	12/8/2021	12.1	<0.002	1.51	0.00221	0.000408(J)	<0.002	86.9	457	<0.002	1.1(B)
MW-19	upgradient										
	4/2/2013	12	0.00031(J)	2	0.0018	<0.001	<0.001	38	330	<0.001	1.2
	6/12/2013	1.1	<0.001	1.7	0.0017	0.0019	<0.001	42	370	<0.001	1.2
	9/25/2013	11	<0.001	1.9	0.0011	<0.001	<0.001	39(B)	330	<0.001	1.5
	12/11/2013	13	<0.005	1.9	0.00088(J)	0.00071(J)	<0.005	42	330	<0.005	1.4
	3/19/2014	2.8	<0.001	0.93	0.002	<0.001	<0.001	40	320	<0.001	1.1
	6/25/2014	11	<0.001	1.9	0.0004(J)	<0.001	<0.001	40	390	<0.001	1.2
	9/18/2014	11	<0.001	1.7(B)	0.002	<0.001	<0.001	39	310	<0.001	1.2
	12/16/2014	10	0.0011(J)	1.7	0.003	<0.002	0.00048(J)	37	330	<0.002	1
	3/25/2015	1.2	<0.002	0.29	<0.002	<0.002	<0.002	38	320	<0.002	1.5
	9/24/2015	9.73	0.000846	1.72	<0.002	<0.002	<0.002	35.1	313	<0.002	1.07
	2/17/2016	8.93	0.000282(J)	1.45	0.00203	<0.002	<0.002	35.2	308	<0.002	1.15
	8/25/2016	9.49	<0.002	1.5	0.000773(BJ)	<0.002	<0.002	34.6	311	<0.002	0.892(J)
	5/18/2017	10.3	<0.002	1.63	<0.002	<0.002	<0.002	33	294	<0.002	1.36
	11/14/2017	11.1	<0.002	1.61	<0.002	<0.002	<0.002	30.7	246	<0.002	1.2
	6/11/2018	9.14	<0.002	1.8	<0.002	<0.002	<0.002	31.2	306	<0.002	0.94(BJ)
	12/17/2018	6.96	<0.002	1.28	0.000478(J)	<0.002	<0.002	21.2	265	<0.002	1.57
	6/17/2019	6.78	<0.002	1.39	0.000679(J)	<0.002	<0.002	23.8	280	<0.002	1.27(B)
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	5.93	<0.002	1.11	0.000806(J)	<0.002	<0.002	19.9	237	<0.002	1.61(B)
	6/3/2020	1.31	<0.005	1.32	0.00216	<0.002	<0.002	18.1	200	<0.002	1.41(B)
	12/9/2020	4.82	<0.002	1.24	0.000976(J)	<0.002	<0.002	23.3	239(B)	<0.002	1.35(B)
	6/15/2021	3.37	<0.002	1.05	0.00131(J)	<0.002	<0.002	17	235	<0.002	1.62(B)
	12/7/2021	7.91	<0.002	1.43	0.000921(J)	<0.002	<0.002	17.7	249	<0.002	1.51(B)
MW-20	upgradient										
	4/3/2013	0.88	0.0009(J)	0.025	0.0032	0.007	<0.001	24	270	<0.001	2.9

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Historical Database, Mississippi County Class 1 Landfill

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MW-20 (cont.)	6/12/2013	0.92	<0.001	0.36	0.003	<0.001	<0.001	29	330	<0.001	2.1
	9/26/2013	0.59	<0.001	0.9	0.0063	0.00059(J)	<0.001	14(B)	400	<0.001	7.6
	12/12/2013	2	0.0023(J)	0.25	0.0037	0.00068(J)	<0.005	20	250	<0.005	4.6
	3/19/2014	4.5	0.00028(J)	0.36	0.0034	<0.001	<0.001	16	260	<0.001	3.8
	6/25/2014	4.9	0.0004(J)	0.26	0.0017	0.001(J)	<0.001	15	300	<0.001	3.4
	9/18/2014	2.2	0.00047(J)	0.9(B)	0.006	0.00066(J)	<0.001	4.5(J)	240	<0.001	8
	12/16/2014	0.77	0.0018(J)	0.14	0.005	<0.002	<0.002	17(J)	240	<0.002	4.1
	9/24/2015	1.33	0.000753	0.444	0.00318	0.00056	<0.002	11.6	318	<0.002	5.63
	2/18/2016	1.64	0.00045(J)	0.0999	0.00203	0.00131(J)	<0.002	17.9	283	<0.002	2.33
	8/29/2016	0.52	0.000436(BJ)	0.0673	0.00347(B)	<0.002	<0.002	9.71	228	<0.002	3.8(B)
	5/22/2017	1.7	0.000848(BJ)	0.0759	0.00197(J)	0.00162(J)	<0.002	18.5	281	<0.002	1.72
	11/16/2017	0.44	0.000588(J)	0.0369	0.00227	<0.002	<0.002	20.1	178	<0.002	5.75
	6/12/2018	1.75	0.00114(BJ)	0.053	0.00192(J)	0.00117(J)	<0.002	15.4	296	<0.002	2.76(B)
MW-21	upgradient										
	11/5/2015	9.86	<0.002	1.93	<0.002	<0.002	<0.002	58.3	351	<0.002	4.3
	2/11/2016	10.4	<0.002	1.78	<0.002	<0.002	<0.002	29.2	292	<0.002	1.1
	5/18/2016	10.2	0.00201	1.84	<0.002	<0.002	0.000605(J)	35.8	337	<0.002	2.12
	8/25/2016	9.84	<0.002	1.58	0.000813(BJ)	<0.002	0.00106(J)	28.5	293	<0.002	0.848(J)
	11/30/2016	11.6	<0.002	1.73	<0.002	<0.002	<0.002	25.4	311(B)	<0.002	1.99
	3/1/2017	2.45	0.00034(J)	0.908	<0.002	<0.002	<0.002	26.2	313	<0.002	1.52
	5/18/2017	11.5	<0.002	1.76	<0.002	<0.002	<0.002	24.7	308	<0.002	1.2
	8/17/2017	11	<0.002	1.81	<0.002	<0.002	<0.002	23.2	325	<0.002	1.55
	11/14/2017	10.8	<0.002	1.8	<0.002	<0.002	<0.002	22.4	315	<0.002	1.46
	6/11/2018	10.5	<0.002	1.75	<0.002	<0.002	<0.002	28.3	326	<0.002	1.11(B)
	12/17/2018	5.48	<0.002	0.918	<0.002	<0.002	<0.002	17.2	278	<0.002	1.49
	6/18/2019	11	<0.002	1.72	<0.002	<0.002	<0.002	23.1	294	<0.002	1.24(B)
	12/4/2019	7.79	<0.002	1.25	<0.002	<0.002	<0.002	18.7	286	<0.002	1.2(B)

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MW-21 (cont.)	6/3/2020	10	<0.005	1.48	<0.002	<0.002	<0.002	18.5	265	<0.002	1.39(B)
	12/9/2020	11.1	<0.002	1.8	<0.002	<0.002	<0.002	20	284(B)	<0.002	1.05(B)
	6/15/2021	10.3	<0.002	1.63	<0.002	<0.002	<0.002	20.6	295	<0.002	1.96(B)
	9/8/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/7/2021	10.8	<0.002	1.7	<0.002	<0.002	<0.002	19.1	294	<0.002	1.02(B)
MW-22	upgradient										
	11/4/2015	6.61	<0.002	1.51	0.000475	<0.002	<0.002	41.3	260	<0.002	3.64
	2/11/2016	8.87	0.000358(J)	2.49	0.000717(BJ)	<0.002	<0.002	26.3	313	<0.002	1.36
	5/18/2016	11.1	0.00027(J)	2.08	0.000824(J)	<0.002	0.000864(J)	29.9	312	<0.002	1.92
	8/25/2016	11.4	<0.002	1.85	0.000735(BJ)	<0.002	<0.002	29.5	313	<0.002	1.05
	11/30/2016	7.64	<0.002	1.45	<0.002	<0.002	<0.002	25.7	226(B)	<0.002	2.68
	3/1/2017	2.25	<0.002	1.4	0.00513	<0.002	<0.002	27.5	228	<0.002	2.05
	5/17/2017	11.1	<0.002	2.18	<0.002	<0.002	<0.002	29.3	303	<0.002	1.82
	8/16/2017	7.52	<0.002	1.49	<0.002	<0.002	<0.002	19.9	233	<0.002	2.51
	11/13/2017	7.68	0.000244(J)	1.46	<0.002	<0.002	<0.002	17.6	184	<0.002	2.11
	6/11/2018	5.28	0.000543(BJ)	1.65	0.000806(J)	<0.002	<0.002	18.2	239	<0.002	1.92(B)
	12/11/2018	12.2	0.000598(J)	2.19	<0.002	<0.002	<0.002	21.1	271	<0.002	1.44
	6/17/2019	9.8	<0.002	2.04	<0.002	<0.002	<0.002	29.1	288	<0.002	1.39(B)
	12/4/2019	10.1	<0.002	2.12	<0.002	<0.002	<0.002	22.9	289	<0.002	1.19(B)
	6/3/2020	12.3	<0.005	2.4	<0.002	<0.002	<0.002	24	296	<0.002	1.17(B)
	12/9/2020	10.9	<0.002	2.39	<0.002	<0.002	<0.002	22.9	273(B)	<0.002	1.02(B)
	6/14/2021	8.89	<0.002	2.05	<0.002	<0.002	<0.002	16.3	268	<0.002	1.47(B)
	12/7/2021	11.4	<0.002	2.47	<0.002	<0.002	<0.002	27.2	294	<0.002	1.2(B)
MW-23	upgradient										
	11/4/2015	9.03	<0.002	1.53	0.000511	<0.002	<0.002	30.2	273	<0.002	3.1
	2/11/2016	13.4	<0.002	1.43	0.00204(B)	<0.002	<0.002	34.4	330	<0.002	1.83
	5/18/2016	15.3	<0.002	1.41	0.00283	<0.002	0.000633(J)	31.3	380	<0.002	3.06

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MW-23 (cont.)	8/25/2016	10.5	<0.002	1.27	0.00153(BJ)	<0.002	<0.002	27.2	278	<0.002	2.74
	11/30/2016	10.5	<0.002	1.35	0.00122(BJ)	<0.002	<0.002	23.8	278(B)	<0.002	3.49
	3/1/2017	11.6	<0.002	1.53	0.00107(J)	<0.002	<0.002	27.4	305	<0.002	2.78
	5/17/2017	13.5	<0.002	1.62	0.00113(BJ)	<0.002	<0.002	28.9	329	<0.002	2.5
	8/16/2017	10.7	<0.002	1.33	0.000764(J)	<0.002	<0.002	23.6	287	<0.002	3.3
	11/13/2017	11	<0.002	1.39	0.000859(J)	<0.002	<0.002	22.8	283	<0.002	3.04
	6/11/2018	12.1	<0.002	1.52	0.00162(J)	<0.002	<0.002	25.2	336	<0.002	2.1(B)
	12/11/2018	13.4	0.000622(J)	1.39	0.00198(J)	<0.002	<0.002	19.3	405	<0.002	2.71
	6/17/2019	18	0.000407(J)	1.75	0.00289	<0.002	<0.002	16.8	385	<0.002	2.64(B)
	9/23/2019	12.5	n/a	1.51	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	12.9	0.000436(J)	1.63	0.00136(J)	0.00102(J)	<0.002	22.4	307	0.000501(J)	2.23(B)
	6/3/2020	15.7	<0.005	1.48	0.00232	<0.002	<0.002	20.3	314	<0.002	2.22
	12/9/2020	11.5	<0.002	1.5	0.00206	<0.002	<0.002	25.6	286(B)	<0.002	1.83(B)
	6/14/2021	7.18	<0.002	1.33	0.00224	<0.002	<0.002	21.5	326	<0.002	2.11(B)
	12/7/2021	9.22	<0.002	1.3	0.00159(J)	<0.002	<0.002	24.3	293	<0.002	1.95(B)
MW-24	upgradient										
	11/5/2015	10.5	<0.002	1.59	0.000688	<0.002	<0.002	76	364	<0.002	5.22
	2/10/2016	11.3	<0.002	1.3	0.00116(BJ)	<0.002	<0.002	26.8	285	<0.002	1.71
	5/19/2016	11.1	<0.002	1.36	0.00107(J)	<0.002	<0.002	31.6	<10(O)	<0.002	2.34
	8/28/2016	12.8	<0.002	1.31	0.0025(B)	<0.002	<0.002	29.1	295(B)	<0.002	1.38(B)
	11/30/2016	12.1	<0.002	1.25	0.00106(BJ)	<0.002	<0.002	29.5	285(B)	<0.002	2.13
	3/2/2017	10.4	<0.002	1.3	0.00117(J)	<0.002	<0.002	28.1	288	<0.002	1.34
	5/18/2017	12.5	<0.002	1.45	0.000946(BJ)	<0.002	<0.002	28.8	238	<0.002	2.11
	8/17/2017	13.3	<0.002	1.34	0.00111(J)	<0.002	<0.002	31.8	302	<0.002	1.99
	11/14/2017	12.1	<0.002	1.22	0.00133(J)	<0.002	<0.002	26	346	<0.002	1.83
	6/12/2018	13.1	<0.002	1.48	0.00109(J)	<0.002	<0.002	37	298	<0.002	1.86(B)
	12/17/2018	13.4	<0.002	1.42	0.00115(J)	<0.002	<0.002	31.4	292	<0.002	1.61

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MW-24 (cont.)	6/19/2019	8.37	<0.002	1.88	0.00153(J)	<0.002	<0.002	35.4	304	<0.002	1.59(B)
	9/24/2019	n/a	n/a	1.38	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	14.2	0.000435(J)	1.45	0.0016(J)	<0.002	<0.002	35.8	315	<0.002	1.52(B)
	6/10/2020	14.1	<0.005	1.64	0.00181(J)	0.0013(J)	<0.002	44.9	298	<0.002	1.4(B)
	9/14/2020	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/10/2020	15.6	<0.002	1.68	0.00198(J)	<0.002	<0.002	32.2	312(B)	<0.002	1.38(B)
	3/9/2021	n/a	n/a	1.63	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/15/2021	12.2	<0.002	1.68	0.00149(J)	<0.002	<0.002	40.7	339	<0.002	1.64(B)
	12/7/2021	15.8	<0.002	1.58	0.0018(J)	<0.002	<0.002	33.5	321	<0.002	1.4(B)
LEACHATE#1	downgradient										
	4/14/2010	17	0.001	2.2	0.22	0.025	0.00071(J)	1.2(J)	6800(B)	<0.00019	980
	10/12/2010	17	0.0014	2	0.18	0.013	0.00046(J)	<5	5800(B)	<0.001	790
	4/13/2011	9.3	0.00086(J)	1.8	0.17	0.026	<0.001	0.64(J)	5600	<0.001	630
	12/6/2011	15	0.0012	1.6	0.21	0.026	0.0019	<5	5800	<0.001	710
	5/8/2012	14	<0.001	0.93	0.23	0.025	0.00064(J)	0.67(J)	6400	<0.001	470
	10/8/2012	3	<0.001	0.7	0.26	0.018	<0.005	7.2	6600	<0.001	430
	3/20/2013	11	0.00066(J)	1.2	0.21	0.015	0.00038(J)	0.3(J)	5900	<0.001	810
	9/26/2013	14	<0.001	1	0.12	0.0089	<0.001	<5	6800	<0.001	840
	3/19/2014	13	0.002	1.2	0.17	0.014	<0.001	<5	3000	<0.001	850
	9/17/2014	11	<0.01	0.54(B)	0.34	<0.01	0.018	<5	6900	<0.01	1100
	3/25/2015	0.18	0.00035(J)	0.046	0.036	0.0005(J)	<0.002	<5	670	<0.002	93
	9/24/2015	1.34	0.00199	0.0563	0.0557	<0.002	<0.002	0.279	8960	<0.002	1350
	2/19/2016	36	0.00271(J)	1.02	0.338	<0.018	<0.018	0.0956(J)	5260	<0.018	474
	8/29/2016	17.3	<0.018	0.808	0.382	<0.018	<0.018	<5	5960	<0.018	1200
	3/6/2017	172	0.00597	1.62	0.218	0.00185(J)	<0.002	1.39(J)	5480	<0.002	942
	9/1/2017	10.4	0.000404(J)	0.757	0.132	0.00112(J)	<0.002	8.09	4690	<0.002	268
	6/13/2018	8.12	0.00245(B)	0.802	0.122	0.00099(J)	<0.002	4.45(J)	4680	<0.002	213

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Historical Database, Mississippi County Class 1 Landfill

		Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Thallium (mg/l)	TOC (mg/l)
LEACHATE#1 (cont.)	12/20/2018	15.8	0.000756(J)	0.955	0.262	0.00254	<0.002	5.43	5400	<0.002	372
	6/20/2019	6.86	0.000521(J)	0.71	0.215	0.00165(J)	<0.002	0.856(J)	5980	<0.002	389
	12/5/2019	6.55	0.0005(BJ)	0.747	0.131	0.00118(BJ)	<0.002	1.56(BJ)	4170	<0.002	208
	6/10/2020	72.1	0.00623	0.723	0.341	0.00191(J)	<0.002	1.25(J)	5320	<0.002	492
	12/11/2020	7.02	<0.002	0.681	0.225	0.00149(J)	<0.002	0.978(J)	5520	<0.002	317
	6/17/2021	52.6	0.00377	0.771	0.288	0.00156(J)	<0.002	<25	5850	<0.002	383
	12/10/2021	7.64	<0.01	0.439	0.281	0.00186(J)	<0.01	<100	4010	<0.01	319
	downgradient										
LEACHATE#2	6/13/2018	18.3	0.00322(B)	4.19	0.0183	0.000468(J)	<0.002	<5	774	<0.002	29.8
	12/20/2018	18.3	<0.002	8.1	0.0407	0.000679(J)	<0.002	0.585(J)	1590	<0.002	75.3
	6/20/2019	26.4	0.000255(J)	9.88	0.0941	0.00142(J)	<0.002	1.33(J)	3650	<0.002	168
	12/5/2019	13.4	0.000617(BJ)	7.15	0.0989	0.00146(BJ)	<0.002	1.88(BJ)	3150	<0.002	151
	6/10/2020	455	0.00306(J)	2.26	0.0951	0.00275	<0.002	4.36(J)	3060	<0.002	159
	12/11/2020	13.6	<0.002	5.84	0.103	0.00147(J)	<0.002	0.713(J)	3370(B)	<0.002	158
	6/17/2021	13.1	<0.002	1.33	0.00834	0.000323(J)	<0.002	32.7	390	<0.002	28.8
	12/10/2021	73.7	0.00124(J)	2.59	0.104	0.0014(J)	<0.002	<50	2530	<0.002	169

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Historical Database, Mississippi County Class 1 Landfill

MW-1	downgradient	Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
	10/27/1993	<0.002	0.393	n/a	6.8	n/a	n/a	<42	<5.22	<1.96	<1.6	<1.89	<1.51	<2.58
	3/15/1994	0.002	0.164	n/a	6.7	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/14/1994	<0.002	0.031	n/a	6.9	n/a	n/a	<19.1	<3.24	1.58	<0.25	0.64	<1.01	<0.81
	9/15/1994	<0.002	0.022	n/a	6.4	n/a	n/a	<19.1	<3.24	0.4	<0.25	<0.22	<1.01	<0.81
	12/22/1994	<0.002	0.016	n/a	6.5	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/2/1995	<0.002	0.344	n/a	6.8	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	12/14/1995	<0.002	0.226	n/a	6.8	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/13/1996	<0.008	<0.002	n/a	6.3	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.96
	11/26/1996	<0.008	0.041	n/a	7.1	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	4/23/1997	<0.008	0.22	n/a	6.6	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	10/8/1997	0.013	0.004	n/a	6.3	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	4/13/1998	<0.008	<0.002	n/a	6.2	n/a	n/a	<5	<2	<0.04	<0.04	<0.07	<0.06	<0.09
	11/5/1998	<0.008	0.0044	n/a	6	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/1/1999	0.01	<0.002	n/a	6.3	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/22/1999	<0.008	0.0032	n/a	5.7	n/a	n/a	<5	<2	<0.1	<0.1	0.1	<0.1	<0.5
	5/10/2000	<0.008	0.0042	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/12/2000	<0.008	<0.002	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/26/2001	<0.008	0.0025	n/a	6.7	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	1.4	<0.5
	10/26/2001	<0.008	0.0073	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/10/2002	<0.008	0.0048	n/a	7.4	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	11/6/2002	<0.008	<0.002	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/18/2003	<0.008	<0.002	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	11/5/2003	<0.008	0.0081	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/29/2004	<0.008	0.0038	n/a	6.7	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/20/2004	<0.008	<0.002	n/a	6.4	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/27/2005	<0.008	0.019	n/a	7	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5

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Historical Database, Mississippi County Class 1 Landfill

		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
MW-1 (cont.)	10/4/2005	<0.008	0.0047	n/a	6.4	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/26/2006	<0.008	0.009	n/a	7	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	10/3/2006	<0.008	0.012	n/a	6.9	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/11/2007	<0.008	0.021	n/a	6.7	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	10/4/2007	<0.008	0.15	n/a	7.7	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/21/2008	<0.01	<0.01	n/a	7	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	10/9/2008	<0.01	0.019	n/a	6.8	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	6/11/2009	<0.01	0.03	n/a	6.6	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	11/12/2009	<0.01	0.021	n/a	6.6	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	4/13/2010	<0.00018	0.017	n/a	6.5	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	10/11/2010	0.00026(J)	0.012(B)	n/a	6.6	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	4/12/2011	<0.002	0.0051(J)	n/a	6.5	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	12/6/2011	0.00049	<0.01	n/a	6.7	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	5/7/2012	<0.002	0.0036(J)	n/a	6.7	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	10/8/2012	0.00041(J)	<0.01	n/a	6.5	n/a	7	<50	<10	<1	<1	<1	<1	<5
	3/19/2013	<0.002	<0.01	n/a	7	n/a	6	<50	<10	<1	<1	<1	<1	<5
	9/24/2013	0.00064(J)	<0.01	n/a	6.9	n/a	0	<50	<10	<1	<1	<1	<1	<5
	3/18/2014	0.00023(J)	<0.01	n/a	6.9	n/a	9	<50	<10	<1	<1	<1	<1	<5
	9/16/2014	0.0055	0.003(J)	n/a	6.6	n/a	9	<50	<10	<1	<1	<1	<1	<5
	3/24/2015	<0.005	<0.025	n/a	6.4	n/a	6	<50	<10	<1	<1	<1	<1	<5
	9/24/2015	0.000226	<0.025	n/a	6.7	n/a	7	<50	<10	<1	<1	<1	<1	<5
	2/9/2016	0.000194(J)	<0.025	n/a	6.7	n/a	9.7	<50	<10	<1	<1	<1	<1	<5
	5/23/2016	n/a	n/a	n/a	6.7	n/a	8.9	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/25/2016	0.000189(J)	<0.025	n/a	6.8	n/a	1.8	<50	<10	<1	<1	<1	<1	<5
	12/1/2016	n/a	n/a	n/a	6.8	n/a	1.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/6/2017	<0.005	<0.025	n/a	6.5	n/a	5.3	<50	<10	<1	<1	<1	<1	<5
	5/24/2017	0.000229(BJ)	<0.025	n/a	7.1	n/a	4.9	<50	<10	<1	<1	<1	<1	<5

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		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
MW-1 (cont.)	9/1/2017	0.000284(J)	0.0205(J)	n/a	6.8	n/a	0.3	<50	<10	<1	<1	<1	<1	<5
	11/17/2017	<0.005	<0.025	n/a	6.7	n/a	1.1	<50	<10	<1	<1	<1	<1	<5
	3/14/2018	<0.005	0.0032(J)	n/a	6.7	n/a	5.8	<50	<10	<1	<1	<1	<1	<5
	6/14/2018	0.000195(BJ)	0.00318(J)	n/a	6.7	n/a	1.5	<50	<10	<1	<1	<1	<1	n/a
	9/13/2018	0.000201(J)	<0.025	n/a	6.6	n/a	5.5	<50	<10	<1	<1	<1	<1	n/a
	12/13/2018	<0.005	<0.025	n/a	6.8	n/a	1.9	<50	<10	<1	<1	<1	<1	n/a
	3/18/2019	<0.005	<0.025	n/a	6.9	n/a	1.8	<50	<10	<1	<1	<1	<1	<5
	6/14/2019	<0.005	<0.025	n/a	6.7	n/a	1.91	<50	<10	<1	<1	<1	<1	<5
	9/24/2019	<0.005	<0.025	n/a	6.8	n/a	6.5	<50	<10	<1	<1	<1	<1	<5
	12/3/2019	0.000275(BJ)	0.00285(BJ)	n/a	6.8	n/a	3.7	<50	<10	<1	<1	<1	<1	<5
	3/13/2020	0.000194(J)	<0.025	n/a	6.6	n/a	3.05	<50	<10	<1	<1	<1	<1	<5
	6/3/2020	<0.005	<0.025	n/a	6.6	n/a	4	<50	<10	<1	<1	<1	<1	<5
	9/15/2020	<0.005	<0.025	905	6.9	20.4	1.9	<50	<10	<1	<1	<1	<1	<5
	12/8/2020	<0.005	0.0038(J)	662	6.7	18.6	2.1	<50	<10	<1	<1	<1	<1	<5
	3/11/2021	<0.005	0.00988(BJ)	819	6.9	18.4	4.8	<50	<10	<1	<1	<1	<1	<5
	6/17/2021	<0.005	<0.025	n/a	6.8	n/a	7.3	<50	<10	<1	<1	<1	<1	<5
	9/10/2021	<0.005	<0.025	n/a	6.9	n/a	4.2	<50	<10	<1	<1	<1	<1	<5
	12/10/2021	<0.005	0.0772	n/a	6.7	n/a	2.1	<50	<10	<1	<1	<1	<1	<5
MW-2	upgradient													
	10/27/1993	<0.002	0.035	n/a	6.9	n/a	n/a	<42	<5.22	<1.96	<1.6	<1.89	<1.51	<2.58
	3/15/1994	0.007	0.038	n/a	6.9	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/14/1994	0.004	0.076	n/a	7	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	9/15/1994	<0.002	0.04	n/a	6.8	n/a	n/a	<19.1	<3.24	0.37	<0.25	<0.22	<1.01	<0.81
	12/22/1994	0.005	0.033	n/a	n/a	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/2/1995	<0.002	0.132	n/a	6.9	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	12/14/1995	0.013	0.037	n/a	6.8	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/13/1996	<0.008	0.012	n/a	n/a	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.96

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		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
MW-2 (cont.)	11/26/1996	<0.008	<0.002	n/a	8.2	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	4/23/1997	<0.008	0.19	n/a	7.3	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	10/8/1997	0.021	<0.002	n/a	7.4	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	4/13/1998	<0.008	<0.002	n/a	6.1	n/a	n/a	<5	<2	<0.04	<0.04	<0.07	<0.06	<0.09
	11/5/1998	<0.008	0.0041	n/a	6.1	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/1/1999	0.02	<0.002	n/a	6.4	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/22/1999	<0.008	0.0033	n/a	5.8	n/a	n/a	<5	<2	<0.1	<0.1	0.11	<0.1	<0.5
	5/10/2000	<0.008	<0.002	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/12/2000	<0.008	<0.002	n/a	7	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/26/2001	<0.008	0.0054	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/26/2001	<0.008	0.0062	n/a	7	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/10/2002	<0.008	0.01	n/a	7.3	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	11/6/2002	<0.008	<0.002	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/18/2003	<0.008	<0.002	n/a	7.1	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	11/5/2003	<0.008	0.0081	n/a	7	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/29/2004	<0.008	0.076	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/20/2004	<0.008	0.0034	n/a	6.5	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/27/2005	<0.008	0.0047	n/a	6	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/4/2005	<0.008	0.0032	n/a	6.5	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/26/2006	<0.008	0.0083	n/a	7.3	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	10/3/2006	<0.008	0.044	n/a	7.2	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/11/2007	<0.008	0.021	n/a	6.8	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	10/4/2007	<0.008	0.012	n/a	7.6	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/21/2008	<0.01	<0.01	n/a	7.1	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	10/9/2008	<0.01	0.017	n/a	6.9	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	6/11/2009	<0.01	0.099	n/a	6.6	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	11/12/2009	<0.01	0.028	n/a	6.5	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5

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Historical Database, Mississippi County Class 1 Landfill

MW-2 (cont.)		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
	4/13/2010	0.0021	0.015	n/a	6.8	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	10/11/2010	0.0019(J)	0.014(B)	n/a	6.7	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	4/12/2011	<0.002	<0.01	n/a	6.7	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	12/6/2011	0.00036	<0.01	n/a	6.8	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	5/7/2012	0.001(J)	0.0028(J)	n/a	6.8	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	10/8/2012	0.00047(J)	0.0035(J)	n/a	6.4	n/a	7	<50	<10	<1	<1	<1	<1	<5
	3/19/2013	<0.002	<0.01	n/a	6.9	n/a	4	<50	<10	<1	<1	<1	<1	<5
	9/24/2013	0.00076(J)	0.0032(J)	n/a	6.7	n/a	0	<50	<10	<1	<1	<1	<1	<5
	3/18/2014	<0.002	0.0026(J)	n/a	6.9	n/a	9	<50	<10	<1	<1	<1	<1	<5
	9/16/2014	0.0048	0.0043(J)	n/a	6.6	n/a	7.4	<50	<10	<1	<1	<1	<1	<5
	3/24/2015	0.00024(J)	0.0048(J)	n/a	6.6	n/a	1	<50	<10	<1	<1	<1	<1	<5
	9/23/2015	0.000623	<0.025	n/a	6.8	n/a	8.2	<50	<10	<1	<1	<1	<1	<5
	2/9/2016	0.00047(J)	<0.025	n/a	6.7	n/a	8.7	<50	<10	<1	<1	<1	<1	<5
	8/24/2016	0.00018(J)	<0.025	n/a	6.8	n/a	6.6	<50	<10	<1	<1	<1	<1	<5
	12/1/2016	n/a	n/a	n/a	6.4	n/a	1.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/3/2017	0.000609(J)	<0.025	n/a	7.4	n/a	2.8	<50	<10	<1	<1	<1	<1	<5
	5/23/2017	0.000834(BJ)	<0.025	n/a	6.7	n/a	2.5	<50	<10	<1	<1	<1	<1	<5
	8/31/2017	0.000497(J)	<0.025	n/a	6.7	n/a	1.6	<50	<10	<1	<1	<1	<1	<5
	11/17/2017	0.000349(J)	<0.025	n/a	6.7	n/a	6.3	<50	<10	<1	<1	<1	<1	<5
	3/12/2018	0.0018(J)	<0.025	n/a	6.8	n/a	5.1	<50	<10	<1	<1	<1	<1	<5
	6/13/2018	0.00143(BJ)	<0.025	n/a	6.9	n/a	3.1	<50	<10	<1	<1	<1	<1	n/a
	9/12/2018	0.000442(J)	<0.025	n/a	6.7	n/a	8.3	<50	<10	<1	<1	<1	<1	n/a
	12/12/2018	0.0011(J)	<0.025	n/a	7	n/a	4.65	<50	<10	<1	<1	<1	<1	n/a
	3/12/2019	0.00114(J)	<0.025	n/a	6.6	n/a	6.3	<50	<10	<1	<1	<1	<1	<5
	6/12/2019	0.000414(J)	<0.025	n/a	6.9	n/a	2.63	<50	<10	<1	<1	<1	<1	<5
	9/24/2019	<0.005	<0.025	n/a	6.9	n/a	6.6	<50	<10	<1	<1	<1	<1	<5
	12/3/2019	0.000632(BJ)	<0.025	n/a	6.9	n/a	2.8	<50	<10	<1	<1	<1	<1	<5

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Historical Database, Mississippi County Class 1 Landfill

		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
MW-2 (cont.)	3/12/2020	0.000723(J)	<0.025	n/a	6.9	n/a	1.48	<50	<10	<1	<1	<1	<1	<5
	6/2/2020	<0.005	<0.025	n/a	6.7	n/a	4.5	<50	<10	<1	<1	<1	<1	<5
	9/14/2020	<0.005	<0.025	785	6.7	21.2	3.3	<50	<10	<1	<1	<1	<1	<5
	12/8/2020	<0.005	0.00451(J)	767	6.8	18.4	1.3	<50	<10	<1	<1	<1	<1	<5
	3/11/2021	0.00153(J)	0.00508(BJ)	784	7.1	18.3	2.7	<50	<10	<1	<1	<1	<1	<5
	6/17/2021	0.000911(J)	<0.025	n/a	6.7	n/a	2.3	<50	<10	<1	<1	<1	<1	<5
	9/9/2021	0.000837(J)	<0.025	n/a	6.9	n/a	7	<50	<10	<1	<1	<1	<1	<5
	12/9/2021	<0.005	<0.025	n/a	6.9	n/a	4.3	<50	<10	<1	<1	<1	<1	<5
MW-3	downgradient													
	10/27/1993	<0.002	0.032	n/a	6.8	n/a	n/a	<42	<5.22	<1.96	<1.6	<1.89	<1.51	<2.58
	3/15/1994	0.004	0.056	n/a	6.8	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/14/1994	0.002	0.038	n/a	7	n/a	n/a	<19.1	<3.24	0.59	<0.25	0.3	<1.01	<0.81
	9/15/1994	0.007	0.054	n/a	6.6	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	12/22/1994	<0.002	0.036	n/a	n/a	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/2/1995	<0.002	0.181	n/a	6.9	n/a	n/a	<19.1	<3.24	0.46	<0.25	<0.22	<1.01	<0.81
	12/14/1995	0.007	0.04	n/a	6.9	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/13/1996	<0.008	0.009	n/a	n/a	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.96
	11/26/1996	<0.008	0.031	n/a	7.4	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	4/23/1997	<0.008	0.15	n/a	7.2	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	10/8/1997	0.018	0.003	n/a	6.6	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	4/13/1998	<0.008	<0.002	n/a	6.5	n/a	n/a	<5	<2	<0.04	<0.04	<0.07	<0.06	<0.09
	11/5/1998	<0.008	0.0055	n/a	6.1	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/1/1999	0.015	<0.002	n/a	6.3	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/22/1999	<0.008	0.0031	n/a	6	n/a	n/a	<5	<2	<0.1	<0.1	0.1	<0.1	<0.5
	5/10/2000	<0.008	<0.002	n/a	7	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/12/2000	<0.008	<0.002	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/26/2001	<0.008	0.0041	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5

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Historical Database, Mississippi County Class 1 Landfill

MW-3 (cont.)		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
	10/26/2001	<0.008	0.006	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	0.11	<0.1	<0.5
	4/10/2002	<0.008	<0.002	n/a	7.1	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	11/6/2002	<0.008	<0.002	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/18/2003	<0.008	<0.002	n/a	7.1	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	11/5/2003	<0.008	0.007	n/a	7	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/29/2004	<0.008	0.0085	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/20/2004	<0.008	0.0022	n/a	6.2	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/27/2005	<0.008	0.0086	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/4/2005	<0.008	0.006	n/a	6.4	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/26/2006	<0.008	0.0075	n/a	7.3	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	10/3/2006	<0.008	0.019	n/a	7.1	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/11/2007	<0.008	0.024	n/a	6.8	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	10/4/2007	<0.008	0.013	n/a	7.7	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/21/2008	<0.01	0.013	n/a	7.1	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	10/9/2008	<0.01	0.023	n/a	6.9	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	6/11/2009	<0.01	0.15	n/a	6.6	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	11/12/2009	<0.01	0.053	n/a	6.6	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	4/13/2010	<0.00018	0.02	n/a	6.8	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	10/11/2010	0.00026(J)	0.02(B)	n/a	6.8	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	4/12/2011	<0.002	<0.01	n/a	6.7	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	12/6/2011	0.00018	<0.01	n/a	6.7	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	5/7/2012	<0.002	<0.01	n/a	6.8	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	10/8/2012	0.00028(J)	<0.01	n/a	6.1	n/a	9	<50	<10	<1	<1	<1	<1	<5
	3/20/2013	<0.002	<0.01	n/a	6.8	n/a	0	<50	<10	<1	<1	<1	<1	<5
	9/25/2013	0.00073(J)	0.011	n/a	6.7	n/a	0	<50	<10	<1	<1	<1	<1	<5
	3/18/2014	<0.002	<0.01	n/a	6.8	n/a	4	<50	<10	<1	<1	<1	<1	<5
	9/16/2014	0.0035	0.0028(J)	n/a	6.6	n/a	9.2	<50	<10	<1	<1	<1	<1	<5

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		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
MW-3 (cont.)	3/24/2015	<0.005	<0.025	n/a	6.1	n/a	9	<50	<10	<1	<1	<1	<1	<5
	9/21/2015	0.000301	<0.025	n/a	6.7	n/a	6.3	<50	<10	<1	<1	<1	<1	<5
	2/17/2016	0.000265(J)	<0.025	n/a	6.7	n/a	9.2	<50	<10	<1	<1	<1	<1	<5
	5/23/2016	n/a	n/a	n/a	6.6	n/a	8.7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016	<0.005	<0.025	n/a	7.4	n/a	5.6	<50	<10	<1	<1	<1	<1	<5
	12/1/2016	n/a	n/a	n/a	6.7	n/a	0.7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/6/2017	<0.005	<0.025	n/a	6.4	n/a	7.6	<50	<10	<1	<1	<1	<1	<5
	5/24/2017	0.000196(BJ)	<0.025	n/a	7.1	n/a	1.3	<50	<10	<1	<1	<1	<1	<5
	9/1/2017	<0.005	<0.025	n/a	6.7	n/a	1.2	<50	<10	<1	<1	<1	<1	<5
	11/17/2017	<0.005	<0.025	n/a	6.7	n/a	1.9	<50	<10	<1	<1	<1	<1	<5
	3/13/2018	<0.005	<0.025	n/a	6.5	n/a	9.2	<50	<10	<1	<1	<1	<1	<5
	6/13/2018	<0.005	<0.025	n/a	6.7	n/a	15.1	<50	<10	<1	<1	<1	<1	n/a
	9/13/2018	<0.005	0.00969(J)	n/a	6.4	n/a	2.7	<50	<10	<1	<1	<1	<1	n/a
	12/13/2018	0.000241(J)	<0.025	n/a	6.6	n/a	1.13	<50	<10	<1	<1	<1	<1	n/a
	3/18/2019	<0.005	<0.025	n/a	6.8	n/a	14.1	<50	<10	<1	<1	<1	<1	<5
	6/13/2019	0.000182(J)	<0.025	n/a	6.8	n/a	9.81	23.7(J)	<10	<1	<1	<1	<1	<5
	9/24/2019	<0.005	<0.025	n/a	6.7	n/a	1.7	<50	<10	<1	<1	<1	<1	<5
	12/3/2019	0.000242(BJ)	0.00314(BJ)	n/a	6.5	n/a	0.9	<50	<10	<1	<1	<1	<1	<5
	3/13/2020	0.000206(J)	<0.025	n/a	6.8	n/a	16.3	<50	<10	<1	<1	<1	<1	<5
	6/2/2020	<0.005	<0.025	n/a	6.5	n/a	9.9	<50	<10	<1	<1	<1	<1	<5
	9/15/2020	<0.005	<0.025	946	6.7	21.9	9.9	<50	<10	<1	<1	<1	<1	<5
	12/8/2020	<0.005	<0.025	1143	6.5	19.8	2.9	<50	<10	<1	<1	<1	<1	<5
	3/11/2021	<0.005	0.00721(BJ)	1108	6.6	18.7	9.7	<50	<10	<1	<1	<1	<1	<5
	6/17/2021	<0.005	<0.025	n/a	6.4	n/a	7.9	<50	<10	<1	<1	<1	<1	<5
	9/9/2021	<0.005	<0.025	n/a	6.7	n/a	8.5	<50	<10	<1	<1	<1	<1	<5
	12/10/2021	<0.005	<0.025	n/a	6.6	n/a	7.2	<50	<10	<1	<1	<1	<1	<5
MW-4	downgradient													

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Historical Database, Mississippi County Class 1 Landfill

		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
MW-4 (cont.)	10/27/1993	<0.002	0.038	n/a	7	n/a	n/a	<42	<5.22	<1.96	<1.6	<1.89	<1.51	<2.58
	3/15/1994	0.004	0.063	n/a	6.8	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/14/1994	0.003	0.081	n/a	6.9	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	9/15/1994	<0.002	0.033	n/a	6.7	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	12/22/1994	<0.002	0.017	n/a	n/a	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/2/1995	<0.002	0.024	n/a	6.9	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	12/14/1995	<0.002	0.026	n/a	6.8	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/13/1996	<0.008	0.004	n/a	n/a	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.96
	11/26/1996	<0.008	<0.002	n/a	7.7	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	4/23/1997	<0.008	0.13	n/a	7.4	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	10/8/1997	0.013	0.002	n/a	6.5	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	4/13/1998	<0.008	0.002	n/a	5.7	n/a	n/a	<5	<2	<0.04	<0.04	<0.07	<0.06	<0.09
	11/5/1998	<0.008	0.0039	n/a	5.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/1/1999	0.0081	0.0026	n/a	6.6	n/a	n/a	<5	<2	<0.1	<0.1	0.1	<0.1	<0.5
MW-4R	downgradient													
	10/22/1999	<0.008	0.0046	n/a	6.5	n/a	n/a	<5	<2	<0.1	<0.1	0.12	<0.1	<0.5
	5/10/2000	<0.008	0.0047	n/a	7	n/a	n/a	<5	<2	<0.1	<0.1	0.21	<0.1	<0.5
	10/12/2000	<0.008	<0.002	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/26/2001	<0.008	0.0031	n/a	6.5	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/26/2001	<0.008	0.0072	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/10/2002	<0.008	0.0081	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	11/6/2002	<0.008	0.003	n/a	6.7	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/18/2003	<0.008	<0.002	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	11/5/2003	<0.008	0.0085	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/29/2004	<0.008	0.0047	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/20/2004	<0.008	0.0042	n/a	6.5	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/27/2005	<0.008	0.0092	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5

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Historical Database, Mississippi County Class 1 Landfill

		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
MW-4R (cont.)	10/4/2005	<0.008	0.0034	n/a	6.6	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/26/2006	<0.008	0.0095	n/a	7.1	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	10/3/2006	<0.008	0.013	n/a	7.5	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/11/2007	<0.008	0.025	n/a	6.6	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	10/4/2007	<0.008	0.02	n/a	7.7	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/21/2008	<0.01	0.013	n/a	7.1	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	10/9/2008	<0.01	0.031	n/a	6.9	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
MW-4R2	downgradient													
	6/11/2009	<0.01	0.11	n/a	6.6	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	11/12/2009	<0.01	0.023	n/a	6.6	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	4/14/2010	<0.00018	0.019	n/a	6.8	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	10/12/2010	0.00026(J)	0.015(B)	n/a	6.8	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	4/13/2011	<0.002	<0.01	n/a	6.8	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	12/6/2011	<0.002	<0.01	n/a	6.7	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	5/7/2012	<0.002	<0.01	n/a	6.9	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	10/8/2012	0.00029(J)	0.011	n/a	6.3	n/a	8	<50	<10	<1	<1	<1	<1	<5
	3/20/2013	<0.002	<0.01	n/a	7.3	n/a	6	<50	<10	<1	<1	<1	<1	<5
	9/25/2013	0.00057(J)	0.0033(J)	n/a	6.7	n/a	2	<50	<10	<1	<1	<1	<1	<5
	3/18/2014	<0.01	<0.05	n/a	6.9	n/a	10	<50	<10	<1	<1	<1	<1	<5
	9/16/2014	0.0029	<0.01	n/a	6.6	n/a	9.8	<50	<10	<1	<1	<1	<1	<5
	3/24/2015	<0.005	<0.025	n/a	6.5	n/a	10	<50	<10	<1	<1	<1	<1	<5
	9/23/2015	0.0003	<0.025	n/a	6.7	n/a	8	<50	<10	<1	<1	<1	<1	<5
	2/9/2016	0.000246(J)	<0.025	n/a	8.5(R)	n/a	2.6	<50	<10	<1	<1	<1	<1	<5
	8/24/2016	<0.005	<0.025	n/a	6.9	n/a	9.6	<50	<10	<1	<1	<1	<1	<5
	3/3/2017	<0.005	0.00449(J)	n/a	6.6	n/a	7.4	<50	<10	<1	<1	<1	<1	<5
	5/23/2017	0.000208(BJ)	0.00406(BJ)	n/a	6.9	n/a	6.3	<50	<10	<1	<1	<1	<1	<5
	9/1/2017	<0.005	<0.025	n/a	6.5	n/a	0.8	<50	<10	<1	<1	<1	<1	<5

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Historical Database, Mississippi County Class 1 Landfill

		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
MW-4R2 (cont.)	11/17/2017	<0.005	<0.025	n/a	6.7	n/a	7.1	<50	<10	<1	<1	<1	<1	<5
	3/12/2018	<0.005	<0.025	n/a	6.8	n/a	9.6	<50	<10	<1	<1	<1	<1	<5
	6/13/2018	<0.005	<0.025	n/a	6.9	n/a	9.4	<50	<10	<1	<1	<1	<1	n/a
	9/12/2018	0.000194(J)	<0.025	n/a	6.6	n/a	9.7	<50	<10	<1	<1	<1	<1	n/a
	12/12/2018	<0.005	<0.025	n/a	7	n/a	6.1	<50	<10	<1	<1	<1	<1	n/a
	3/12/2019	<0.005	0.00562(J)	n/a	6.8	n/a	18.3	<50	<10	<1	<1	<1	<1	<5
	6/12/2019	<0.005	<0.025	n/a	6.5	n/a	9.4	<50	<10	<1	<1	<1	<1	<5
	9/24/2019	<0.005	<0.025	n/a	6.8	n/a	6.1	<50	<10	<1	<1	<1	<1	<5
	12/3/2019	0.000264(BJ)	<0.025	n/a	6.8	n/a	4.8	<50	<10	<1	<1	<1	<1	<5
	3/12/2020	0.000219(J)	<0.025	n/a	6.8	n/a	8.65	<50	<10	<1	<1	<1	<1	<5
	6/2/2020	<0.005	<0.025	n/a	6.7	n/a	7.6	<50	<10	<1	<1	<1	<1	<5
	9/14/2020	<0.005	<0.025	575	6.6	24	11.9	<50	<10	<1	<1	<1	<1	<5
	12/8/2020	<0.005	<0.025	500	6.3	18.1	5.7	<50	<10	<1	<1	<1	<1	<5
	3/11/2021	<0.005	0.00747(BJ)	531	6.8	19.5	9.5	<50	<10	<1	<1	<1	<1	<5
	6/17/2021	<0.005	<0.025	n/a	6.8	n/a	28.2	<50	<10	<1	<1	<1	<1	<5
	9/9/2021	<0.005	<0.025	n/a	6.8	n/a	9.7	<50	<10	<1	<1	<1	<1	<5
	12/9/2021	<0.005	<0.025	n/a	6.8	n/a	9.7	<50	<10	<1	<1	<1	<1	<5
MW-5	downgradient													
	6/14/1994	0.463	0.728	n/a	7.1	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	9/15/1994	0.038	0.089	n/a	6.6	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	12/22/1994	0.076	0.148	n/a	n/a	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/2/1995	<0.002	0.068	n/a	6.9	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	12/14/1995	0.02	0.03	n/a	7	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/13/1996	<0.008	0.009	n/a	n/a	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.96
	11/26/1996	<0.008	0.004	n/a	7	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	4/23/1997	0.018	0.14	n/a	7.4	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	10/8/1997	<0.008	0.006	n/a	6.8	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44

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Historical Database, Mississippi County Class 1 Landfill

		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
MW-5 (cont.)	4/13/1998	<0.008	<0.002	n/a	6.6	n/a	n/a	<5	<2	<0.04	<0.04	0.07	<0.06	<0.09
	11/5/1998	<0.008	0.0045	n/a	6.1	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/1/1999	0.0086	0.0021	n/a	6.3	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/22/1999	<0.008	0.0039	n/a	6	n/a	n/a	<5	<2	<0.1	<0.1	0.15	<0.1	<0.5
	5/10/2000	<0.008	<0.002	n/a	7	n/a	n/a	<5	<2	<0.1	<0.1	0.16	<0.1	<0.5
	10/12/2000	<0.008	<0.002	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/26/2001	<0.008	0.021	n/a	6.7	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/26/2001	<0.008	0.0093	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/10/2002	<0.008	0.007	n/a	7	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	11/6/2002	<0.008	0.056	n/a	7.1	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/18/2003	<0.008	<0.002	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
MW-5R	downgradient													
	11/5/2003	<0.008	0.015	n/a	7	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/29/2004	<0.008	0.0047	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/20/2004	<0.008	0.0027	n/a	6.5	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/27/2005	<0.008	0.01	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/4/2005	<0.008	0.004	n/a	6.5	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/26/2006	<0.008	0.011	n/a	7.3	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	10/3/2006	<0.008	0.013	n/a	7.6	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/11/2007	<0.008	0.02	n/a	6.7	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	10/4/2007	<0.008	0.019	n/a	7.9	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/21/2008	<0.01	0.04	n/a	7.2	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	10/9/2008	<0.01	0.061	n/a	7	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	6/11/2009	<0.01	0.021	n/a	6.6	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	11/12/2009	<0.01	0.023	n/a	6.7	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	4/14/2010	<0.00018	0.019	n/a	6.8	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	10/12/2010	0.00021(J)	0.015(B)	n/a	6.8	n/a	n/a	<50	<10	<1	<1	<1	<1	<5

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Historical Database, Mississippi County Class 1 Landfill

MW-5R (cont.)		Vanadium (mg/l)		Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
			Zinc (mg/l)											
	4/13/2011	<0.002	<0.01	n/a	6.8	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	12/6/2011	<0.002	<0.01	n/a	6.9	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	5/7/2012	<0.002	<0.01	n/a	6.7	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	10/8/2012	0.00026(J)	<0.01	n/a	6.4	n/a	8	<50	<10	<1	<1	<1	<1	<5
	3/20/2013	<0.002	<0.01	n/a	7	n/a	7	<50	<10	<1	<1	<1	<1	<5
	9/25/2013	0.00052(J)	<0.01	n/a	6.8	n/a	0	<50	<10	<1	<1	<1	<1	<5
	3/18/2014	<0.01	<0.05	n/a	6.9	n/a	5	<50	<10	<1	<1	<1	<1	<5
	9/17/2014	0.0025	0.0041(J)	n/a	6.8	n/a	9.7	<50	<10	<1	<1	<1	<1	<5
	3/24/2015	<0.005	0.0026(J)	n/a	6.8	n/a	1	<50	<10	<1	<1	<1	<1	<5
	9/23/2015	0.000339	<0.025	n/a	6.8	n/a	1.9	<50	<10	<1	<1	<1	<1	<5
	2/9/2016	<0.005	<0.025	n/a	6.8	n/a	1.7	<50	<10	<1	<1	<1	<1	<5
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016	<0.005	0.0174(J)	n/a	6.9	n/a	5	<50	<10	<1	<1	<1	<1	<5
	3/3/2017	<0.005	<0.025	n/a	6.2	n/a	6.6	<50	<10	<1	<1	<1	<1	<5
	5/23/2017	<0.005	<0.025	n/a	7.5	n/a	7.1	<50	<10	<1	<1	<1	<1	<5
	9/1/2017	<0.005	<0.025	n/a	6.7	n/a	0.5	<50	<10	<1	<1	<1	<1	<5
	11/17/2017	<0.005	<0.025	n/a	6.8	n/a	0.9	<50	<10	<1	<1	<1	<1	<5
	3/13/2018	0.000327(J)	0.00317(J)	n/a	6.9	n/a	3.1	<50	<10	<1	<1	<1	<1	<5
	6/13/2018	<0.005	<0.025	n/a	6.8	n/a	3.8	<50	<10	<1	<1	<1	<1	n/a
	9/13/2018	<0.005	<0.025	n/a	6.5	n/a	7.9	<50	<10	<1	<1	<1	<1	n/a
	12/13/2018	0.000276(J)	<0.025	n/a	7	n/a	7.24	<50	<10	<1	<1	<1	<1	n/a
	3/13/2019	<0.005	<0.025	n/a	6.9	n/a	5.7	<50	<10	<1	<1	<1	<1	<5
	6/13/2019	<0.005	<0.025	n/a	6.8	n/a	8.57	<50	<10	<1	<1	<1	<1	<5
	9/24/2019	<0.005	<0.025	n/a	6.9	n/a	5.3	<50	<10	<1	<1	<1	<1	<5
	12/3/2019	0.000207(BJ)	0.00308(BJ)	n/a	6.9	n/a	6.9	<50	<10	<1	<1	<1	<1	<5
	3/12/2020	<0.005	<0.025	n/a	6.9	n/a	9.52	<50	<10	<1	<1	<1	<1	<5
	6/2/2020	<0.005	<0.025	n/a	6.8	n/a	4.9	<50	<10	<1	<1	<1	<1	<5

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Historical Database, Mississippi County Class 1 Landfill

		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
MW-5R (cont.)	9/14/2020	<0.005	<0.025	602	6.8	21.4	9.3	<50	<10	<1	<1	<1	<1	<5
	12/8/2020	<0.005	0.00315(J)	507	6.7	18.8	9.1	<50	<10	<1	<1	<1	<1	<5
	3/11/2021	<0.005	0.00663(BJ)	550	7	18.9	5.5	<50	<10	<1	<1	<1	<1	<5
	6/17/2021	<0.005	0.00304(J)	n/a	6.8	n/a	4.7	<50	<10	<1	<1	<1	<1	<5
	9/9/2021	<0.005	<0.025	n/a	6.8	n/a	5.2	<50	<10	<1	<1	<1	<1	<5
	12/9/2021	<0.005	<0.025	n/a	6.7	n/a	2.7	<50	<10	<1	<1	<1	<1	<5
	downgradient													
MW-6	11/5/2003	<0.008	0.011	n/a	7	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/29/2004	<0.008	0.032	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/20/2004	<0.008	0.0032	n/a	6.3	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/27/2005	<0.008	0.016	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/4/2005	<0.008	0.0028	n/a	6.5	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/26/2006	<0.008	0.0083	n/a	7.2	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	10/3/2006	<0.008	0.014	n/a	7.2	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/11/2007	<0.008	0.027	n/a	6.8	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	10/4/2007	<0.008	0.013	n/a	7.9	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/21/2008	<0.01	<0.01	n/a	7.1	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	10/9/2008	<0.01	0.019	n/a	6.9	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	6/11/2009	<0.01	0.031	n/a	6.8	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	11/12/2009	<0.01	0.019	n/a	6.7	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	4/14/2010	<0.00018	0.016	n/a	6.7	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	10/12/2010	0.00022(J)	0.015(B)	n/a	6.7	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	4/13/2011	<0.002	<0.01	n/a	6.8	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	12/6/2011	<0.002	<0.01	n/a	6.9	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	5/8/2012	<0.002	<0.01	n/a	6.9	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	10/8/2012	0.00027(J)	<0.01	n/a	6	n/a	7	<50	<10	<1	<1	<1	<1	<5
	3/20/2013	<0.002	<0.01	n/a	7.1	n/a	0	<50	<10	<1	<1	<1	<1	<5

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	9/25/2013	<0.002	0.0036(J)	n/a	7	n/a	0	<50	<10	<1	<1	<1	<1	<5
	3/19/2014	0.00026(J)	0.0039(J)	n/a	6.9	n/a	5	<50	<10	<1	<1	<1	<1	<5
	9/17/2014	0.0024	0.0028(J)	n/a	6.9	n/a	8.1	<50	<10	<1	<1	<1	<1	<5
	3/24/2015	<0.005	<0.025	n/a	6.7	n/a	2	<50	<10	<1	<1	<1	<1	<5
	9/23/2015	0.000281	<0.025	n/a	6.9	n/a	8.9	<50	<10	<1	<1	<1	<1	<5
	2/9/2016	0.000213(J)	<0.025	n/a	6.5	n/a	7.1	<50	<10	<1	<1	<1	<1	<5
	5/23/2016	n/a	n/a	n/a	6.8	n/a	7.9	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016	<0.005	<0.025	n/a	7	n/a	6.3	<50	<10	<1	<1	<1	<1	<5
	3/6/2017	<0.005	0.00261(J)	n/a	6.9	n/a	6.2	<50	<10	<1	<1	<1	<1	<5
	5/23/2017	0.000219(BJ)	0.00283(BJ)	n/a	7.2	n/a	7.1	<50	<10	<1	<1	<1	<1	<5
	9/1/2017	<0.005	<0.025	n/a	6.8	n/a	0	<50	<10	<1	<1	<1	<1	<5
	11/17/2017	<0.005	<0.025	n/a	6.7	n/a	5.8	<50	<10	<1	<1	<1	<1	<5
	3/13/2018	0.000306(J)	0.00362(J)	n/a	6.7	n/a	8.3	<50	<10	<1	<1	<1	<1	<5
	6/13/2018	0.000182(BJ)	<0.025	n/a	6.8	n/a	6.9	<50	<10	<1	<1	<1	<1	n/a
	9/13/2018	<0.005	<0.025	n/a	6.6	n/a	4.3	<50	<10	<1	<1	<1	<1	n/a
	12/13/2018	<0.005	<0.025	n/a	6.9	n/a	5.86	<50	<10	<1	<1	<1	<1	n/a
	3/14/2019	<0.005	<0.025	n/a	6.8	n/a	7.3	<50	<10	<1	<1	<1	<1	<5
	6/13/2019	<0.005	0.00272(J)	n/a	6.8	n/a	9.97	<50	<10	<1	<1	<1	<1	<5
	9/24/2019	<0.005	<0.025	n/a	6.8	n/a	8.3	<50	<10	<1	<1	<1	<1	<5
	12/3/2019	0.000183(BJ)	<0.025	n/a	6.9	n/a	2.3	<50	<10	<1	<1	<1	<1	<5
	3/13/2020	0.000242(J)	<0.025	n/a	6.9	n/a	9.46	<50	<10	<1	<1	<1	<1	<5
	6/2/2020	<0.005	<0.025	n/a	6.9	n/a	8.4	<50	<10	<1	<1	<1	<1	<5
	9/14/2020	<0.005	<0.025	883	6.9	24.4	9.8	<50	<10	<1	<1	<1	<1	<5
	12/8/2020	<0.005	<0.025	742	6.7	19.5	5.8	<50	<10	<1	<1	<1	<1	<5
	3/11/2021	<0.005	0.00495(BJ)	759	7	19.8	7.6	<50	<10	<1	<1	<1	<1	<5
	6/17/2021	<0.005	<0.025	n/a	6.9	n/a	8.1	<50	<10	<1	<1	<1	<1	<5
	9/9/2021	<0.005	<0.025	n/a	7.1	n/a	9.8	<50	<10	<1	<1	<1	<1	<5

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MW-6 (cont.)	12/9/2021	<0.005	0.00327(BJ)	n/a	6.8	n/a	7.9	<50	<10	<1	<1	<1	<1	<5
OB-1	upgradient													
	4/11/2007	<0.008	0.019	n/a	n/a	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	11/30/2016	<0.005	0.00626(BJ)	n/a	6.7	n/a	2.8	<50	<10	<1	<1	<1	<1	<5
	3/1/2017	0.000207(J)	0.0224(J)	n/a	5.4	n/a	7.7	<50	<10	<1	<1	<1	<1	<5
	5/17/2017	0.000266(J)	0.0301	n/a	6.6	n/a	5.1	<50	<10	<1	<1	<1	<1	<5
	8/16/2017	<0.005	<0.025	n/a	6.6	n/a	1.2	<50	<10	<1	<1	<1	<1	<5
	11/13/2017	<0.005	<0.025	n/a	6.9	n/a	3.8	<50	<10	<1	<1	<1	<1	<5
	3/12/2018	0.000305(J)	0.0423	n/a	6.7	n/a	3.9	<50	<10	<1	<1	<1	<1	<5
	6/11/2018	0.000211(J)	0.0185(J)	n/a	6.9	n/a	4.6	<50	<10	<1	<1	<1	<1	n/a
	9/12/2018	0.000183(J)	<0.025	n/a	6.8	n/a	2.1	<50	<10	<1	<1	<1	<1	n/a
	12/11/2018	0.000315(J)	0.0061(J)	n/a	7.1	n/a	8.43	<50	<10	<1	<1	<1	<1	n/a
	3/12/2019	0.000258(J)	0.0226(J)	n/a	6.8	n/a	8.6	<50	<10	<1	<1	<1	<1	<5
	6/12/2019	<0.005	0.0116(J)	n/a	6.7	n/a	8.58	<50	<10	<1	<1	<1	<1	<5
	9/24/2019	<0.005	<0.025	n/a	7	n/a	3.4	<50	<10	<1	<1	<1	<1	<5
	12/3/2019	0.000278(J)	0.004(J)	n/a	6.9	n/a	3.1	<50	<10	<1	<1	<1	<1	<5
	3/10/2020	0.000365(J)	0.0145(J)	n/a	6.5	n/a	3.34	<50	<10	<1	<1	<1	<1	<5
	6/2/2020	<0.005	<0.025	n/a	6.7	n/a	6.9	<50	<10	<1	<1	<1	<1	<5
	9/14/2020	<0.005	<0.025	676	6.9	19.3	2.5	<50	<10	<1	<1	<1	<1	<5
	12/8/2020	<0.005	0.00637(J)	555	6.9	17.2	1	<50	<10	<1	<1	<1	<1	<5
	3/9/2021	<0.005	0.0295(B)	651	6.8	18.2	3.5	<50	<10	<1	<1	<1	<1	<5
	6/14/2021	<0.005	0.0188(J)	n/a	6.8	n/a	3	<50	<10	<1	<1	<1	<1	<5
	9/8/2021	<0.005	0.00502(J)	n/a	6.8	n/a	5.1	<50	<10	<1	<1	<1	<1	<5
	12/7/2021	<0.005	0.0118(J)	n/a	n/a	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
MW-10	upgradient													
	4/2/2013	0.0012(J)	0.075	n/a	6.8	n/a	9	<50	<10	<1	<1	<1	<1	<5
	6/12/2013	0.00046(J)	<0.01	n/a	6.8	n/a	0	<50	<10	<1	<1	<1	<1	<5

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MW-10 (cont.)	9/25/2013	<0.002	<0.01	n/a	6.5	n/a	0	<50	<10	<1	<1	<1	<1	<5
	12/11/2013	<0.01	<0.01	n/a	6.7	n/a	0	<50	<10	<1	<1	<1	<1	<5
	3/19/2014	0.00097(J)	0.0032(J)	n/a	6.8	n/a	7	<50	<10	<1	<1	<1	<1	<5
	6/25/2014	0.00076(J)	0.0082(J)	n/a	6.9	n/a	6.3	<50	<10	<1	<1	<1	<1	<5
	9/18/2014	0.0025	0.0034(J)	n/a	6.7	n/a	5.1	<50	<10	<1	<1	<1	<1	<5
	12/16/2014	<0.005	0.011(J)	n/a	n/a	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	3/25/2015	0.00041(J)	<0.025	n/a	6.5	n/a	1	<50	<10	<1	<1	<1	<1	<5
	9/24/2015	0.00063	<0.025	n/a	6.6	n/a	2.2	<50	<10	<1	<1	<1	<1	<5
	2/18/2016	0.00104(J)	<0.025	n/a	6.6	n/a	6.2	<50	<10	<1	<1	<1	<1	<5
	8/25/2016	0.000546(J)	<0.025	n/a	6.7	n/a	3.7	<50	<10	<1	<1	<1	<1	<5
	5/18/2017	0.00105(J)	0.00305(J)	n/a	6.8	n/a	7.5	<50	<10	<1	<1	<1	<1	<5
	11/14/2017	0.000375(J)	<0.025	n/a	6.7	n/a	2	<50	<10	<1	<1	<1	<1	<5
	6/11/2018	0.000836(J)	<0.025	n/a	6.4	n/a	9.8	<50	<10	<1	<1	<1	<1	n/a
	12/17/2018	0.00204(J)	<0.025	n/a	6.5	n/a	8.36	<50	<10	<1	<1	<1	<1	n/a
	6/19/2019	0.000823(J)	<0.025	n/a	6.3	n/a	7.23	<50	<10	<1	<1	<1	<1	<5
	9/23/2019	n/a	n/a	n/a	6.6	n/a	12.8	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	0.00174(BJ)	0.00624(BJ)	n/a	6.6	n/a	9.1	<50	<10	<1	<1	<1	<1	<5
	6/10/2020	<0.005	<0.025	n/a	6.5	n/a	8.8	<50	<10	<1	<1	<1	<1	<5
	12/10/2020	0.00119(J)	0.00499(J)	301	6.5	19.8	10	<50	<10	<1	<1	<1	<1	<5
	6/15/2021	0.00106(J)	<0.025	n/a	6.7	n/a	8.4	<50	<10	<1	<1	<1	<1	<5
	12/8/2021	0.00188(J)	0.00553(BJ)	n/a	6.7	n/a	8.6	<50	<10	<1	<1	<1	<1	<5
MW-11	upgradient													
	11/5/2015	0.00104	<0.025	n/a	6.6	n/a	8	<50	<10	<1	<1	<1	<1	<5
	2/10/2016	0.000252(J)	0.0056(J)	n/a	6.6	n/a	23.3	<50	<10	<1	<1	<1	<1	<5
	5/19/2016	0.000206(BJ)	<0.025	n/a	6.6	n/a	8.8	<50	<10	<1	<1	<1	<1	<5
	8/28/2016	0.000381(J)	0.0102(J)	n/a	6.9	n/a	1.3	<50	<10	<1	<1	<1	<1	<5
	12/1/2016	<0.005	0.00761(BJ)	n/a	6.6	n/a	2	<50	<10	<1	<1	<1	<1	<5

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MW-11 (cont.)	3/2/2017	0.000242(J)	<0.025	n/a	6.6	n/a	6.2	<50	<10	<1	<1	<1	<1	<5
	5/19/2017	0.000236(J)	<0.025	n/a	6.5	n/a	8.7	<50	<10	<1	<1	<1	<1	<5
	8/17/2017	0.000212(J)	0.00392(J)	n/a	6.8	n/a	1.7	<50	<10	<1	<1	<1	<1	<5
	11/14/2017	<0.005	<0.025	n/a	6.7	n/a	1.6	<50	<10	<1	<1	<1	<1	<5
	6/11/2018	<0.005	<0.025	n/a	6.8	n/a	8.8	<50	<10	<1	<1	<1	<1	n/a
	12/17/2018	0.00299(J)	0.00317(J)	n/a	6.47	n/a	2.1	<50	<10	<1	<1	<1	<1	n/a
	3/13/2019	n/a	n/a	n/a	6.6	n/a	9.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/20/2019	0.000441(J)	<0.025	n/a	6.5	n/a	8.78	<50	<10	<1	<1	<1	<1	<5
	12/5/2019	0.000633(BJ)	0.00342(BJ)	n/a	6.8	n/a	8.3	<50	<10	<1	<1	<1	<1	<5
	6/10/2020	<0.005	<0.025	n/a	6.7	n/a	4.5	<50	<10	<1	<1	<1	<1	<5
	12/9/2020	<0.005	<0.025	483	6.3	17.8	4.4	<50	<10	<1	<1	<1	<1	<5
	3/9/2021	n/a	n/a	516	7.1(R)	17.5	9.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	4/19/2021	n/a	n/a	503	6.9	17.4	9.9	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/15/2021	<0.005	<0.025	n/a	6.8	n/a	9.7	<50	<10	<1	<1	<1	<1	<5
	9/8/2021	n/a	n/a	n/a	6.8	n/a	3.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/8/2021	0.000768(J)	<0.025	n/a	6.9	n/a	4.6	<50	<10	<1	<1	<1	<1	<5
MW-12	downgradient													
	11/5/2015	0.00061	<0.025	n/a	6.6	n/a	5	<50	<10	<1	<1	<1	<1	<5
	2/10/2016	0.000197(J)	0.00316(J)	n/a	6.7	n/a	3.2	<50	<10	<1	<1	<1	<1	<5
	5/19/2016	<0.005	<0.025	n/a	6.5	n/a	7.2	<50	<10	<1	<1	<1	<1	<5
	8/28/2016	0.00029(J)	0.00402(J)	n/a	6.9	n/a	5.3	<50	<10	<1	<1	<1	<1	<5
	12/1/2016	<0.005	0.00331(BJ)	n/a	6.7	n/a	1.1	<50	<10	<1	<1	<1	<1	<5
	3/2/2017	0.000252(J)	<0.025	n/a	6.4	n/a	7.2	<50	<10	<1	<1	<1	<1	<5
	5/19/2017	0.000565(J)	0.00351(J)	n/a	6.5	n/a	8.5	<50	<10	<1	<1	<1	<1	<5
	8/17/2017	0.00023(J)	0.007(J)	n/a	6.5	n/a	5	<50	<10	<1	<1	<1	<1	<5
	11/14/2017	<0.005	<0.025	n/a	6.5	n/a	6	<50	<10	<1	<1	<1	<1	<5
	6/11/2018	0.000183(J)	<0.025	n/a	6.6	n/a	9.2	<50	<10	<1	<1	<1	<1	n/a

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Historical Database, Mississippi County Class 1 Landfill

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MW-12 (cont.)	12/17/2018	0.0013(J)	0.00289(J)	n/a	6	n/a	8.66	<50	<10	<1	<1	<1	<1	n/a
	3/13/2019	n/a	n/a	n/a	6.6	n/a	9.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/20/2019	0.000353(J)	<0.025	n/a	6.7	n/a	9.81	<50	<10	<1	<1	<1	<1	<5
	12/5/2019	0.000416(BJ)	<0.025	n/a	6.6	n/a	5.9	<50	<10	<1	<1	<1	<1	<5
	6/10/2020	<0.005	<0.025	n/a	6.5	n/a	7.3	<50	<10	<1	<1	<1	<1	<5
	12/10/2020	<0.005	<0.025	295	6.5	18.7	3	<50	<10	<1	<1	<1	<1	<5
	6/16/2021	<0.005	<0.025	n/a	6.4	n/a	7.7	<50	<10	<1	<1	<1	<1	<5
	12/8/2021	<0.005	0.0076(BJ)	n/a	6.5	n/a	3.9	<50	<10	<1	<1	<1	<1	<5
MW-13	downgradient													
	11/5/2015	0.000643	<0.025	n/a	6.8	n/a	3.2	<50	<10	<1	<1	<1	<1	<5
	2/10/2016	0.000228(J)	<0.025	n/a	6.9	n/a	4.2	<50	<10	<1	<1	<1	<1	<5
	5/19/2016	0.000776(BJ)	<0.025	n/a	6.5	n/a	7.2	<50	<10	<1	<1	<1	<1	<5
	8/28/2016	0.000793(J)	0.00378(J)	n/a	7.3	n/a	8.1	<50	<10	<1	<1	<1	<1	<5
	12/1/2016	0.000614(J)	<0.025	n/a	7	n/a	5.6	<50	<10	<1	<1	<1	<1	<5
	3/2/2017	0.000423(J)	0.0264	n/a	6.7	n/a	9.4	<50	<10	<1	<1	<1	<1	<5
	5/24/2017	0.000344(BJ)	<0.025	n/a	7.4	n/a	9.1	<50	<10	<1	<1	<1	<1	<5
	8/18/2017	0.000289(J)	<0.025	n/a	6.7	n/a	5.6	<50	<10	<1	<1	<1	<1	<5
	11/14/2017	0.000336(J)	<0.025	n/a	6.8	n/a	4.7	<50	<10	<1	<1	<1	<1	<5
	6/11/2018	0.00049(J)	<0.025	n/a	6.8	n/a	9.3	<50	<10	<1	<1	<1	<1	n/a
	12/19/2018	0.00277(J)	<0.025	n/a	6.6	n/a	5.97	<50	<10	<1	<1	<1	<1	n/a
	6/20/2019	0.00119(J)	<0.025	n/a	6.5	n/a	3.8	<50	<10	<1	<1	<1	<1	<5
	12/5/2019	0.00112(BJ)	<0.025	n/a	6.7	n/a	6.9	<50	<10	<1	<1	<1	<1	<5
	6/10/2020	0.00128(J)	<0.025	n/a	6.8	n/a	8.6	<50	<10	<1	<1	<1	<1	<5
	12/10/2020	0.00109(J)	0.00346(J)	382	6.7	19.2	8.3	<50	<10	<1	<1	<1	<1	<5
	6/16/2021	0.00187(J)	0.00436(J)	n/a	6.8	n/a	7.6	77.6	<10	<1	<1	<1	<1	<5
	12/8/2021	0.00151(J)	0.00385(BJ)	n/a	6.7	n/a	9.6	<50	<10	<1	<1	<1	<1	<5
MW-14	downgradient													

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MW-14 (cont.)	11/6/2015	0.000709	<0.025	n/a	6.7	n/a	9.4	<50	<10	<1	<1	<1	<1	<5
	2/18/2016	0.000289(J)	<0.025	n/a	7	n/a	7.6	<50	<10	<1	<1	<1	<1	<5
	5/23/2016	0.000593(BJ)	<0.025	n/a	6.5	n/a	4.1	<50	<10	<1	<1	<1	<1	<5
	8/29/2016	0.000323(J)	<0.025	n/a	7.1	n/a	2.5	<50	<10	<1	<1	<1	<1	<5
	12/1/2016	<0.005	<0.025	n/a	6.4	n/a	3.3	<50	<10	<1	<1	<1	<1	<5
	3/2/2017	0.000203(J)	0.00284(J)	n/a	6.7	n/a	3.5	<50	<10	<1	<1	<1	<1	<5
	5/22/2017	0.000228(BJ)	<0.025	n/a	7.5	n/a	7.7	<50	<10	<1	<1	<1	<1	<5
	8/18/2017	0.000227(J)	0.00273(J)	n/a	6.9	n/a	8.3	<50	<10	<1	<1	<1	<1	<5
	11/16/2017	<0.005	<0.025	n/a	6.8	n/a	3	<50	<10	<1	<1	<1	<1	<5
	6/13/2018	0.000241(BJ)	<0.025	n/a	7	n/a	6.6	<50	<10	<1	<1	<1	<1	n/a
	12/19/2018	0.000688(J)	<0.025	n/a	6.7	n/a	4.32	<50	<10	<1	<1	<1	<1	n/a
	6/19/2019	0.000216(J)	<0.025	n/a	6.5	n/a	3.8	<50	<10	<1	<1	<1	<1	<5
	9/24/2019	n/a	n/a	n/a	6.8	n/a	6.7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/5/2019	0.000308(BJ)	0.00333(BJ)	n/a	6.8	n/a	2.1	<50	<10	<1	<1	<1	<1	<5
	3/10/2020	n/a	n/a	n/a	7.4	n/a	6.55	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/5/2020	<0.005	<0.025	n/a	6.5	n/a	4.7	<50	<10	<1	<1	<1	<1	<5
	12/11/2020	<0.005	<0.025	452	6.9	18.1	4.6	<50	<10	<1	<1	<1	<1	<5
	6/16/2021	<0.005	<0.025	n/a	6.8	n/a	9.6	<50	<10	<1	<1	<1	<1	<5
	12/8/2021	<0.005	0.00399(BJ)	n/a	6.9	n/a	5.6	<50	<10	<1	<1	<1	<1	<5
MW-15	downgradient													
	4/3/2013	0.0041	0.019	n/a	6.9	n/a	9	<50	<10	<1	<1	<1	<1	<5
	4/3/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/12/2013	0.0005(J)	<0.01	n/a	6.6	n/a	0	<50	<10	<1	<1	<1	<1	<5
	9/25/2013	0.00056(J)	<0.01	n/a	6.4	n/a	0	<50	<10	<1	<1	<1	<1	<5
	12/12/2013	<0.01	<0.01	n/a	6.6	n/a	0	<50	<10	<1	<1	<1	<1	<5
MW-15R	3/19/2014	0.096	0.22	n/a	7	n/a	997	<50	<10	<1	<1	<1	<1	<5
	downgradient													

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MW-15R (cont.)	11/6/2015	0.00058	<0.025	n/a	6.8	n/a	1	<50	<10	<1	<1	<1	<1	<5
	5/23/2016	0.000893(BJ)	<0.025	n/a	6.7	n/a	6.1	<50	<10	<1	<1	<1	<1	<5
	8/29/2016	0.00036(J)	0.00306(J)	n/a	7	n/a	7.4	<50	<10	<1	<1	<1	<1	<5
	12/1/2016	<0.005	<0.025	n/a	6.6	n/a	4.4	<50	<10	<1	<1	<1	<1	<5
	3/2/2017	0.000216(J)	<0.025	n/a	6.5	n/a	8	<50	<10	<1	<1	<1	<1	<5
	5/23/2017	0.00021(BJ)	0.00277(BJ)	n/a	7	n/a	8.1	<50	<10	<1	<1	<1	<1	<5
	8/18/2017	<0.005	0.00343(J)	n/a	7	n/a	7.6	<50	<10	<1	<1	<1	<1	<5
	11/16/2017	0.000617(J)	<0.025	n/a	6.6	n/a	7.1	<50	<10	<1	<1	<1	<1	<5
	6/13/2018	0.000238(BJ)	<0.025	n/a	6.8	n/a	23.5	<50	<10	<1	<1	<1	<1	n/a
	9/13/2018	n/a	n/a	n/a	6.4	n/a	4.7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/19/2018	0.000687(J)	0.00332(J)	n/a	6.7	n/a	6.14	<50	<10	<1	<1	<1	<1	n/a
	6/19/2019	<0.005	<0.025	n/a	6.7	n/a	9.81	<50	<10	<1	<1	<1	<1	<5
	12/3/2019	0.000292(BJ)	0.00299(BJ)	n/a	6.8	n/a	7.7	<50	<10	<1	<1	<1	<1	<5
	6/4/2020	<0.005	<0.025	n/a	6.8	n/a	8	<50	<10	<1	<1	<1	<1	<5
	12/10/2020	<0.005	<0.025	398	6.8	19.5	7.5	<50	<10	<1	<1	<1	<1	<5
	6/16/2021	<0.005	<0.025	n/a	6.7	n/a	8.6	<50	<10	<1	<1	<1	<1	<5
	12/9/2021	<0.005	0.00444(BJ)	n/a	6.9	n/a	7.7	<50	<10	<1	<1	<1	<1	<5
MW-16	downgradient													
	11/5/2015	0.000466	<0.025	n/a	7.2	n/a	5.5	<50	<10	<1	<1	<1	<1	<5
	8/29/2016	0.000317(J)	<0.025	n/a	6.1	n/a	1.6	<50	<10	<1	<1	<1	<1	<5
	12/5/2016	<0.005	<0.025	n/a	6.9	n/a	1.6	<50	<10	<1	<1	<1	<1	1.56(BJ)
	3/2/2017	0.000327(J)	0.0189(J)	n/a	6.7	n/a	6.5	<50	<10	<1	<1	<1	<1	<5
	5/23/2017	0.000187(BJ)	<0.025	n/a	6.9	n/a	8.4	<50	<10	<1	<1	<1	<1	<5
	8/18/2017	0.000189(J)	<0.025	n/a	6.9	n/a	4.9	<50	<10	<1	<1	<1	<1	<5
	11/16/2017	<0.005	<0.025	n/a	7	n/a	1.7	<50	<10	<1	<1	<1	<1	<5
	3/14/2018	<0.005	<0.025	n/a	6.1	n/a	2.3	<50	<10	<1	<1	<1	<1	<5
	6/12/2018	<0.005	<0.025	n/a	6.9	n/a	1.5	<50	<10	<1	<1	<1	<1	n/a

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MW-16 (cont.)	12/20/2018	0.00053(J)	<0.025	n/a	6.8	n/a	2.28	<50	<10	<1	<1	<1	<1	n/a
	6/18/2019	<0.005	0.00352(J)	n/a	6.8	n/a	8.67	<50	<10	<1	<1	<1	<1	<5
	12/4/2019	0.00025(BJ)	<0.025	n/a	6.9	n/a	3.2	<50	<10	<1	<1	<1	<1	<5
	3/12/2020	n/a	n/a	n/a	6.9	n/a	9.65	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/4/2020	<0.005	<0.025	n/a	6.9	n/a	8.5	<50	<10	<1	<1	<1	<1	<5
	12/10/2020	<0.005	<0.025	474	6.7	18.6	2.4	<50	<10	<1	<1	<1	<1	<5
	6/16/2021	<0.005	<0.025	n/a	6.9	n/a	8.7	<50	<10	<1	<1	<1	<1	<5
	12/9/2021	<0.005	0.0052(BJ)	n/a	7	n/a	9.5	<50	<10	<1	<1	<1	<1	<5
MW-17	upgradient													
	4/2/2013	<0.002	0.0037(J)	n/a	7.1	n/a	9	<50	<10	<1	<1	<1	<1	<5
	6/12/2013	0.00021(J)	<0.01	n/a	7.4	n/a	0	<50	<10	<1	<1	<1	<1	<5
	9/26/2013	<0.002	<0.01	n/a	6.7	n/a	5	<50	<10	<1	<1	<1	<1	<5
	12/12/2013	<0.01	<0.01	n/a	6.8	n/a	5	<50	<10	<1	<1	<1	<1	<5
	3/19/2014	<0.002	<0.01	n/a	6.9	n/a	8	<50	<10	<1	<1	<1	<1	<5
	6/25/2014	<0.002	0.018	n/a	6.9	n/a	9.3	<50	<10	<1	<1	<1	<1	<5
	9/18/2014	0.0018(J)	<0.01	n/a	6.7	n/a	9.8	<50	<10	<1	<1	<1	<1	<5
	12/16/2014	<0.005	0.019(J)	n/a	n/a	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	3/25/2015	<0.005	<0.025	n/a	7.1	n/a	2	<50	<10	<1	<1	<1	<1	<5
	9/23/2015	0.000296	<0.025	n/a	6.7	n/a	7.9	<50	<10	<1	<1	<1	<1	<5
	2/18/2016	0.000245(J)	<0.025	n/a	6.6	n/a	4.9	<50	<10	<1	<1	<1	<1	<5
	8/26/2016	<0.005	<0.025	n/a	6.6	n/a	8.9	<50	<10	<1	<1	<1	<1	<5
	5/18/2017	0.000181(J)	<0.025	n/a	7.2	n/a	4.5	<50	<10	<1	<1	<1	<1	<5
	11/14/2017	<0.005	<0.025	n/a	6.8	n/a	6.7	<50	<10	<1	<1	<1	<1	<5
	6/11/2018	<0.005	0.00643(J)	n/a	6.7	n/a	9.6	<50	<10	<1	<1	<1	<1	n/a
	12/17/2018	0.000572(J)	<0.025	n/a	6.6	n/a	2.14	<50	<10	<1	<1	<1	<1	n/a
	6/17/2019	<0.005	<0.025	n/a	6.4	n/a	9.41	<50	<10	<1	<1	<1	<1	<5
	9/23/2019	n/a	n/a	n/a	6.7	n/a	9	n/a	n/a	n/a	n/a	n/a	n/a	n/a

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Historical Database, Mississippi County Class 1 Landfill

		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
MW-17 (cont.)	12/4/2019	0.000231(BJ)	<0.025	n/a	6.7	n/a	8.1	<50	<10	<1	<1	<1	<1	<5
	6/3/2020	<0.005	<0.025	n/a	6.6	n/a	8.9	<50	<10	<1	<1	<1	<1	<5
	12/9/2020	<0.005	<0.025	386	6.5	18.3	4.9	<50	<10	<1	<1	<1	<1	<5
	6/14/2021	<0.005	<0.025	n/a	6.6	n/a	8.3	<50	<10	<1	<1	<1	<1	<5
MW-18	upgradient													
	4/3/2013	0.00022(J)	0.028	n/a	7.1	n/a	8	<50	<10	<1	<1	<1	<1	<5
	6/12/2013	<0.002	<0.01	n/a	7	n/a	0	<50	<10	<1	<1	<1	<1	<5
	9/25/2013	<0.002	<0.01	n/a	6.6	n/a	1	<50	<10	<1	<1	<1	<1	<5
	12/12/2013	<0.01	<0.01	n/a	6.9	n/a	3	<50	<10	<1	<1	<1	<1	<5
	3/19/2014	<0.002	<0.01	n/a	6.9	n/a	9	<50	<10	<1	<1	<1	<1	<5
	6/25/2014	<0.002	0.015	n/a	6.9	n/a	7.4	<50	<10	<1	<1	<1	<1	<5
	9/18/2014	<0.002	<0.01	n/a	6.8	n/a	5.6	<50	<10	<1	<1	<1	<1	<5
	12/17/2014	<0.005	0.021(J)	n/a	n/a	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	9/24/2015	0.000286	<0.025	n/a	6.7	n/a	6.7	<50	<10	<1	<1	<1	<1	<5
	8/29/2016	0.000283(J)	0.00386(J)	n/a	7.3	n/a	7.4	<50	<10	<1	<1	<1	<1	<5
	5/22/2017	<0.005	<0.025	n/a	6.8	n/a	8.1	<50	<10	<1	<1	<1	<1	<5
	11/16/2017	<0.005	<0.025	n/a	6.7	n/a	7.8	<50	<10	<1	<1	<1	<1	<5
	6/12/2018	0.000195(J)	<0.025	n/a	6.9	n/a	8.4	<50	<10	<1	<1	<1	<1	n/a
	12/20/2018	0.000733(J)	<0.025	n/a	6.8	n/a	1.9	<50	<10	<1	<1	<1	<1	n/a
	3/13/2019	n/a	n/a	n/a	6.8	n/a	9.7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/18/2019	0.00023(J)	<0.025	n/a	6.6	n/a	8.11	<50	<10	<1	<1	<1	<1	<5
	12/3/2019	0.00042(BJ)	<0.025	n/a	6.8	n/a	8.6	<50	<10	<1	<1	<1	<1	<5
	3/10/2020	n/a	n/a	n/a	6.9	n/a	7.53	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/4/2020	<0.005	<0.025	n/a	6.6	n/a	9.5	<50	<10	<1	<1	<1	<1	<5
	12/10/2020	<0.005	<0.025	641	6.9	18.1	3.4	<50	<10	<1	<1	<1	<1	<5
	6/16/2021	<0.005	<0.025	n/a	7	n/a	9.7	<50	<10	<1	<1	<1	<1	<5
	9/8/2021	n/a	n/a	n/a	6.8	n/a	9.8	n/a	n/a	n/a	n/a	n/a	n/a	n/a

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		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
MW-18 (cont.)	12/8/2021	<0.005	0.00593(BJ)	n/a	6.9	n/a	9.8	<50	<10	<1	<1	<1	<1	<5
MW-19	upgradient													
	4/2/2013	<0.002	0.0034(J)	n/a	7	n/a	10	<50	<10	<1	<1	<1	<1	<5
	6/12/2013	<0.002	<0.01	n/a	6.9	n/a	7	<50	<10	<1	<1	<1	<1	<5
	9/25/2013	<0.002	<0.01	n/a	6.8	n/a	3	<50	<10	<1	<1	<1	<1	<5
	12/11/2013	<0.01	<0.01	n/a	6.9	n/a	4	<50	<10	<1	<1	<1	<1	<5
	3/19/2014	<0.002	<0.01	n/a	6.9	n/a	10	<50	<10	<1	<1	<1	<1	<5
	6/25/2014	<0.002	0.017	n/a	7	n/a	81.2	<50	<10	<1	<1	<1	<1	<5
	9/18/2014	<0.002	0.0039(J)	n/a	6.7	n/a	1.2	<50	<10	<1	<1	<1	<1	<5
	12/16/2014	<0.005	0.016(J)	n/a	n/a	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	3/25/2015	<0.005	0.0058(J)	n/a	6.5	n/a	3	<50	<10	<1	<1	<1	<1	<5
	9/24/2015	0.000245	<0.025	n/a	6.8	n/a	7.5	<50	<10	<1	<1	<1	<1	<5
	2/17/2016	0.000219(J)	<0.025	n/a	6.9	n/a	9.4	<50	<10	<1	<1	<1	<1	<5
	8/25/2016	<0.005	<0.025	n/a	6.7	n/a	2.2	<50	<10	<1	<1	<1	<1	<5
	5/18/2017	0.000735(J)	<0.025	n/a	7.1	n/a	9.3	<50	<10	<1	<1	<1	<1	<5
	11/14/2017	0.000283(J)	<0.025	n/a	6.9	n/a	7.7	<50	<10	<1	<1	<1	<1	<5
	6/11/2018	<0.005	<0.025	n/a	6.8	n/a	8.7	<50	<10	<1	<1	<1	<1	n/a
	12/17/2018	0.000723(J)	0.00415(J)	n/a	6.8	n/a	5.45	<50	<10	<1	<1	<1	<1	n/a
	6/17/2019	0.000208(J)	0.00323(J)	n/a	6.4	n/a	3.49	<50	<10	<1	<1	<1	<1	<5
	9/23/2019	n/a	n/a	n/a	6.9	n/a	6.4	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	0.000426(BJ)	<0.025	n/a	6.9	n/a	2.2	<50	<10	<1	<1	<1	<1	<5
	6/3/2020	<0.005	<0.025	n/a	6.8	n/a	6.9	<50	<10	<1	<1	<1	<1	<5
	12/9/2020	<0.005	<0.025	357	6.7	18.5	2.7	<50	<10	<1	<1	<1	<1	<5
	6/15/2021	0.00194(J)	<0.025	n/a	7	n/a	9.6	<50	<10	<1	<1	<1	<1	<5
	12/7/2021	<0.005	0.00576(BJ)	n/a	6.9	n/a	6.9	<50	<10	<1	<1	<1	<1	<5
MW-20	upgradient													
	4/3/2013	0.0039	0.008(J)	n/a	7.2	n/a	9	<50	<10	<1	<1	<1	<1	<5

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MW-20 (cont.)	6/12/2013	0.00047(J)	<0.01	n/a	6.9	n/a	0	<50	<10	<1	<1	<1	<1	<5
	9/26/2013	0.0012(J)	0.0028(J)	n/a	6.6	n/a	2	<50	<10	<1	<1	<1	<1	<5
	12/12/2013	<0.01	<0.01	n/a	6.6	n/a	2	<50	<10	<1	<1	<1	<1	<5
	3/19/2014	<0.002	<0.01	n/a	6.9	n/a	10	<50	<10	<1	<1	<1	<1	<5
	6/25/2014	0.0018(J)	0.011	n/a	7	n/a	8.9	<50	<10	<1	<1	<1	<1	<5
	9/18/2014	0.0013(J)	0.0029(J)	n/a	6.7	n/a	8.6	<50	<10	<1	<1	<1	<1	<5
	12/16/2014	0.0012(J)	0.024(J)	n/a	n/a	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	9/24/2015	0.00172	<0.025	n/a	6.7	n/a	12.7	<50	<10	<1	<1	<1	<1	<5
	2/18/2016	0.00145(J)	<0.025	n/a	6.8	n/a	21.1	<50	<10	<1	<1	<1	<1	<5
	8/29/2016	0.00324(J)	0.00373(J)	n/a	7.1	n/a	7.3	<50	<10	<1	<1	<1	<1	<5
	5/22/2017	0.00338(BJ)	0.0318(B)	n/a	7.7	n/a	31.3	<50	<10	<1	<1	<1	<1	<5
	11/16/2017	0.00213(J)	<0.025	n/a	6.6	n/a	16.7	<50	<10	<1	<1	<1	<1	<5
	6/12/2018	0.00341(J)	0.00459(J)	n/a	6.8	n/a	44.6	<50	<10	<1	<1	<1	<1	n/a
MW-21	upgradient													
	11/5/2015	0.000593	<0.025	n/a	6.7	n/a	1.7	<50	<10	<1	<1	<1	<1	<5
	2/11/2016	0.000271(J)	<0.025	n/a	6.7	n/a	5.4	<50	<10	<1	<1	<1	<1	<5
	5/18/2016	0.000568(BJ)	0.0241(J)	n/a	6.7	n/a	0.4	<50	<10	<1	<1	<1	<1	<5
	8/25/2016	<0.005	<0.025	n/a	7.1	n/a	2.3	<50	<10	<1	<1	<1	<1	<5
	11/30/2016	<0.005	0.00538(BJ)	n/a	6.6	n/a	2.2	<50	<10	<1	<1	<1	<1	<5
	3/1/2017	0.000247(J)	<0.025	n/a	6.4	n/a	3.9	<50	<10	<1	<1	<1	<1	<5
	5/18/2017	0.000225(J)	<0.025	n/a	7.1	n/a	4.2	<50	<10	<1	<1	<1	<1	<5
	8/17/2017	0.000214(J)	0.00308(J)	n/a	6.6	n/a	0.8	<50	<10	<1	<1	<1	<1	<5
	11/14/2017	<0.005	<0.025	n/a	7	n/a	2.1	<50	<10	<1	<1	<1	<1	<5
	6/11/2018	<0.005	<0.025	n/a	6.8	n/a	4.4	<50	<10	<1	<1	<1	<1	n/a
	12/17/2018	0.000301(J)	<0.025	n/a	6.8	n/a	3.11	<50	<10	<1	<1	<1	<1	n/a
	6/18/2019	<0.005	<0.025	n/a	6.5	n/a	3.64	<50	<10	<1	<1	<1	<1	<5
	12/4/2019	0.000232(BJ)	0.00336(BJ)	n/a	6.9	n/a	1.9	<50	<10	<1	<1	<1	<1	<5

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MW-21 (cont.)	6/3/2020	<0.005	<0.025	n/a	6.9	n/a	7.2	<50	<10	<1	<1	<1	<1	<5
	12/9/2020	<0.005	<0.025	424	6.7	18.2	3.4	<50	<10	<1	<1	<1	<1	<5
	6/15/2021	<0.005	<0.025	n/a	6.9	n/a	7.2	<50	<10	<1	<1	<1	<1	<5
	9/8/2021	n/a	n/a	n/a	6.8	n/a	7.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/7/2021	<0.005	<0.025	n/a	6.9	n/a	5	<50	<10	<1	<1	<1	<1	<5
MW-22	upgradient													
	11/4/2015	0.000477	<0.025	n/a	6.7	n/a	1.3	<50	<10	<1	<1	<1	<1	<5
	2/11/2016	<0.005	<0.025	n/a	6.9	n/a	9.2	<50	<10	<1	<1	<1	<1	<5
	5/18/2016	0.000273(BJ)	<0.025	n/a	6.9	n/a	4.5	<50	<10	<1	<1	<1	<1	<5
	8/25/2016	<0.005	<0.025	n/a	6.7	n/a	5.6	<50	<10	<1	<1	<1	<1	<5
	11/30/2016	<0.005	<0.025	n/a	6.8	n/a	1.6	<50	<10	<1	<1	<1	<1	<5
	3/1/2017	0.000398(J)	<0.025	n/a	7.1	n/a	6.9	<50	<10	<1	<1	<1	<1	<5
	5/17/2017	0.000263(J)	0.00409(J)	n/a	6.8	n/a	1.1	<50	<10	<1	<1	<1	<1	<5
	8/16/2017	0.000266(J)	<0.025	n/a	7	n/a	4.3	<50	<10	<1	<1	<1	<1	<5
	11/13/2017	0.000239(J)	<0.025	n/a	6.9	n/a	2.6	<50	<10	<1	<1	<1	<1	<5
	6/11/2018	0.000215(J)	<0.025	n/a	6.9	n/a	8.7	<50	<10	<1	<1	<1	<1	n/a
	12/11/2018	0.000268(J)	<0.025	n/a	7	n/a	8.55	<50	<10	<1	<1	<1	<1	n/a
	6/17/2019	<0.005	<0.025	n/a	6.6	n/a	4.52	<50	<10	<1	<1	<1	<1	<5
	12/4/2019	0.00028(BJ)	0.00442(BJ)	n/a	6.8	n/a	1.1	<50	<10	<1	<1	<1	<1	<5
	6/3/2020	<0.005	<0.025	n/a	6.8	n/a	2	<50	<10	<1	<1	<1	<1	<5
	12/9/2020	<0.005	<0.025	308	6.9	18.1	4	<50	<10	<1	<1	<1	<1	<5
	6/14/2021	<0.005	<0.025	n/a	6.7	n/a	3.2	<50	<10	<1	<1	<1	<1	<5
	12/7/2021	<0.005	<0.025	n/a	7	n/a	6.7	<50	<10	<1	<1	<1	<1	<5
MW-23	upgradient													
	11/4/2015	0.000475	<0.025	n/a	6.8	n/a	1.5	<50	<10	<1	<1	<1	<1	<5
	2/11/2016	0.000213(J)	<0.025	n/a	6.6	n/a	2.4	<50	<10	<1	<1	<1	<1	<5
	5/18/2016	0.000303(BJ)	<0.025	n/a	7	n/a	4.5	<50	<10	<1	<1	<1	<1	<5

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MW-23 (cont.)	8/25/2016	<0.005	<0.025	n/a	6.9	n/a	8.9	<50	<10	<1	<1	<1	<1	<5
	11/30/2016	<0.005	<0.025	n/a	6.6	n/a	1.1	<50	<10	<1	<1	<1	<1	<5
	3/1/2017	0.000262(J)	<0.025	n/a	6.4	n/a	8.5	<50	<10	<1	<1	<1	<1	<5
	5/17/2017	0.000264(J)	<0.025	n/a	6.8	n/a	7.5	<50	<10	<1	<1	<1	<1	<5
	8/16/2017	0.000226(J)	<0.025	n/a	6.7	n/a	0.9	<50	<10	<1	<1	<1	<1	<5
	11/13/2017	0.000244(J)	<0.025	n/a	6.8	n/a	6.6	<50	<10	<1	<1	<1	<1	<5
	6/11/2018	0.000234(J)	<0.025	n/a	6.8	n/a	8	<50	<10	<1	<1	<1	<1	n/a
	12/11/2018	0.000906(J)	<0.025	n/a	7	n/a	8.71	<50	<10	<1	<1	<1	<1	n/a
	6/17/2019	0.000181(J)	<0.025	n/a	6.4	n/a	8.04	<50	<10	<1	<1	<1	<1	<5
	9/23/2019	n/a	n/a	n/a	6.9	n/a	7.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	0.00071(BJ)	<0.025	n/a	6.8	n/a	3.5	<50	<10	<1	<1	<1	<1	<5
	6/3/2020	<0.005	<0.025	n/a	6.7	n/a	9.6	<50	<10	<1	<1	<1	<1	<5
	12/9/2020	<0.005	0.00314(J)	422	6.5	19.3	4.5	<50	<10	<1	<1	<1	<1	<5
	6/14/2021	<0.005	<0.025	n/a	6.7	n/a	6.6	<50	<10	<1	<1	<1	<1	<5
	12/7/2021	<0.005	0.00458(J)	n/a	6.7	n/a	4.5	<50	<10	<1	<1	<1	<1	<5
MW-24	upgradient													
	11/5/2015	0.000454	<0.025	n/a	6.7	n/a	5.8	<50	<10	<1	<1	<1	<1	<5
	2/10/2016	0.000205(J)	<0.025	n/a	7	n/a	5.7	<50	<10	<1	<1	<1	<1	<5
	5/19/2016	0.000323(BJ)	<0.025	n/a	6.7	n/a	9	<50	<10	<1	<1	<1	<1	<5
	8/28/2016	0.00032(J)	0.00295(J)	n/a	6.4	n/a	6.8	<50	<10	<1	<1	<1	<1	<5
	11/30/2016	<0.005	<0.025	n/a	6.8	n/a	0.6	<50	<10	<1	<1	<1	<1	<5
	3/2/2017	0.000327(J)	<0.025	n/a	6.7	n/a	7.6	<50	<10	<1	<1	<1	<1	<5
	5/18/2017	0.000224(J)	<0.025	n/a	7	n/a	8.2	<50	<10	<1	<1	<1	<1	<5
	8/17/2017	0.000197(J)	0.00459(J)	n/a	6.8	n/a	8.9	<50	<10	<1	<1	<1	<1	<5
	11/14/2017	<0.005	<0.025	n/a	6.8	n/a	7.6	<50	<10	<1	<1	<1	<1	<5
	6/12/2018	0.000183(J)	<0.025	n/a	6.8	n/a	8.7	<50	<10	<1	<1	<1	<1	n/a
	12/17/2018	0.000347(J)	<0.025	n/a	6.5	n/a	2.4	<50	<10	<1	<1	<1	<1	n/a

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Historical Database, Mississippi County Class 1 Landfill

		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
MW-24 (cont.)	6/19/2019	<0.005	<0.025	n/a	6.6	n/a	8.39	<50	<10	<1	<1	<1	<1	<5
	9/24/2019	n/a	n/a	n/a	6.9	n/a	6.9	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	0.000257(BJ)	0.00348(BJ)	n/a	6.9	n/a	6.5	<50	<10	<1	<1	<1	<1	<5
	6/10/2020	<0.005	<0.025	n/a	6.8	n/a	9.4	<50	<10	<1	<1	<1	<1	<5
	9/14/2020	n/a	n/a	548	6.9	22.2	4.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/10/2020	<0.005	0.00426(J)	480	6.8	18.6	3.2	<50	<10	<1	<1	<1	<1	<5
	3/9/2021	n/a	n/a	570	7.4	18.9	9.4	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/15/2021	<0.005	<0.025	n/a	6.9	n/a	9.7	<50	<10	<1	<1	<1	<1	<5
	12/7/2021	<0.005	0.00328(J)	n/a	6.7	n/a	9.3	<50	<10	<1	<1	<1	<1	<5
LEACHATE#1	downgradient													
	4/14/2010	0.042	0.19	n/a	n/a	n/a	n/a	58	<1.7	2.7	<0.44	<0.37	<0.51	<2.5
	10/12/2010	0.038	0.12(B)	n/a	n/a	n/a	n/a	29(J)	<10	1.6	<1	<1	<1	<5
	4/13/2011	0.035	0.01(J)	n/a	n/a	n/a	n/a	<50	<10	2.2	<1	<1	<1	<5
	12/6/2011	0.043	0.014	n/a	n/a	n/a	n/a	29	<10	4.2	<1	<1	<1	<5
	5/8/2012	0.049	0.0088(J)	n/a	7.7	n/a	n/a	<50	<10	2.3	<1	<1	<1	<5
	10/8/2012	0.051	<0.05	n/a	7.2	n/a	300	13(J)	<10	3	<1	<1	<1	<5
	3/20/2013	0.037	0.03	n/a	7.4	n/a	65	16(J)	<10	3.8	<1	<1	<1	<5
	9/26/2013	0.026	0.018	n/a	7.5	n/a	23	<50	<10	2	<1	<1	<1	<5
	3/19/2014	0.031	0.052	n/a	7.4	n/a	n/a	28(J)	<10	1.3	<1	<1	<1	<5
	9/17/2014	0.13	<0.1	n/a	7.7	n/a	23.6	67	<10	2.1	<1	<1	<1	<5
	3/25/2015	0.032	0.027	n/a	10.6	n/a	146	30(J)	<10	1.4	<1	<1	<1	<5
	9/24/2015	0.01	0.00515	n/a	7.7	n/a	76.5	31.3	<10	0.828	<1	<1	<1	<5
	2/19/2016	0.0667	<0.225	n/a	n/a	n/a	n/a	<50	<10	3.53	<1	<1	<1	<5
	8/29/2016	0.0681	0.0411(J)	n/a	n/a	n/a	n/a	13.3(J)	<10	2.64	<1	<1	<1	<5
	3/6/2017	0.0889	0.0469	n/a	7.4	n/a	n/a	<50	<10	3.22	<1	<1	<1	<5
	9/1/2017	0.0101	0.0453	n/a	n/a	n/a	n/a	<50	<10	2.57	<1	<1	<1	<5
	6/13/2018	0.01	0.00463(J)	n/a	7.4	n/a	56.6	<50	<10	1.16	<1	<1	<1	n/a

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Historical Database, Mississippi County Class 1 Landfill

		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
LEACHATE#1 (cont.)	12/20/2018	0.0384	0.0182(J)	n/a	7.1	n/a	174	17.4(J)	<10	5.66	<1	<1	<1	n/a
	6/20/2019	0.0285	0.00626(J)	n/a	n/a	n/a	n/a	131	<10	0.748(J)	<1	<1	<1	<5
	12/5/2019	0.0126	0.00514(J)	n/a	7.2	n/a	70.1	19.5(J)	<10	2.71	<1	<1	<1	<5
	6/10/2020	0.0831	0.0316	n/a	n/a	n/a	n/a	<500	<100	1.45(J)	<10	<10	<10	<50
	12/11/2020	0.0331	0.0472	8716	7.5	16.3	50.4	45.4(J)	<10	2.13	<1	<1	<1	<5
	6/17/2021	0.061	0.0191(J)	n/a	n/a	n/a	n/a	25.8(J)	<10	0.527(J)	<1	<1	<1	<5
	12/10/2021	0.0393	<0.125	n/a	7.7	n/a	71.1	<500	<100	2.54(J)	<10	<10	<10	<50
LEACHATE#2	downgradient													
	6/13/2018	0.00156(BJ)	0.00593(J)	n/a	7	n/a	23.4	<50	<10	<1	<1	<1	<1	n/a
	12/20/2018	0.0019(J)	0.00526(J)	n/a	6.5	n/a	267	12.8(J)	<10	2.88	<1	<1	<1	n/a
	6/20/2019	0.0036(J)	0.00385(J)	n/a	n/a	n/a	n/a	64.9	<10	1.61	<1	<1	<1	<5
	12/5/2019	0.00387(J)	0.00531(J)	n/a	7.1	n/a	145	27.7(J)	<10	3.34	<1	<1	<1	<5
	6/10/2020	0.0616	0.0354	n/a	n/a	n/a	n/a	19.7(J)	<10	0.99(J)	<1	<1	<1	<5
	12/11/2020	0.00513	0.00545(J)	4697	7.4	18.2	152	13.7(J)	<10	3.66	<1	<1	<1	<5
	6/17/2021	0.00291(J)	<0.025	n/a	n/a	n/a	n/a	13.7(J)	<10	<1	<1	<1	<1	<5
	12/10/2021	0.013	0.354	n/a	7.5	n/a	1000	<500	<100	<10	<10	<10	<10	<50

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Historical Database, Mississippi County Class 1 Landfill

MW-1	downgradient	Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
	10/27/1993	<0.00297	<0.00142	<2.16	<1.94	<1.58	<4.6	<7.29	<1.76	<1.98	<1.71	<1.73	<1.79	<2.91	<1.56
	3/15/1994	<0.00188	<0.0009	<0.4	<0.45	<1.58	<0.44	0.88	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	6/14/1994	0.0187	0.00178	<0.4	<0.45	<1.58	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	9/15/1994	<0.00188	<0.0009	0.54	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	12/22/1994	<0.00188	<0.0009	<0.4	<0.45	<1.58	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	6/2/1995	<0.00188	<0.0009	<0.4	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	12/14/1995	<0.00188	<0.0009	0.85	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	6/13/1996	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	11/26/1996	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	4/23/1997	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	10/8/1997	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.05	<0.2	<0.12	0.25	<10	<0.16
	4/13/1998	<0.0002	<0.0002	<0.04	<0.05	<0.1	<0.04	<0.2	<0.05	<0.04	<0.2	<0.03	<0.03	<0.4	<0.04
	11/5/1998	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/1/1999	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/22/1999	<0.001	<0.0005	<0.1	<0.1	<0.1	0.54	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	5/10/2000	<0.001	<0.0005	<0.1	<0.1	<0.1	0.46	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/12/2000	<0.001	<0.0005	<0.1	<0.1	<0.1	0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/26/2001	<0.001	<0.0005	<0.1	0.13	<0.1	0.32	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/26/2001	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/10/2002	<0.001	<0.0005	<0.1	<0.1	<0.1	0.25	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	11/6/2002	<0.001	<0.0005	<0.1	<0.1	<0.1	0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/18/2003	0.0032	<0.0005	<0.1	<0.1	<0.1	0.11	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	11/5/2003	<0.001	<0.0005	<0.1	<0.1	<0.1	0.14	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/29/2004	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/20/2004	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/27/2005	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1

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		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-1 (cont.)	10/4/2005	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/26/2006	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	10/3/2006	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/11/2007	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	10/4/2007	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/21/2008	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	10/9/2008	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	6/11/2009	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	11/12/2009	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	4/13/2010	<0.00032	<0.00031	<0.26	<0.42	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	10/11/2010	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	4/12/2011	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/6/2011	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/7/2012	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	10/8/2012	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/19/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/18/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/16/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/24/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/9/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/25/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/6/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/24/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1

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		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-1 (cont.)	9/1/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/17/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/14/2018	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/14/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	9/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	3/18/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/14/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/3/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/13/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/3/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/15/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/8/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/11/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/17/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/10/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/10/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-2	upgradient														
	10/27/1993	<0.00297	<0.00142	<2.16	<1.94	<1.58	<4.6	<7.29	<1.76	<1.98	<1.71	<1.73	<1.79	<2.91	<1.56
	3/15/1994	<0.00188	<0.0009	<0.4	<0.45	<1.58	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	0.76
	6/14/1994	<0.00188	<0.0009	<0.4	<0.45	<1.58	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	9/15/1994	<0.00188	<0.0009	0.44	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	12/22/1994	<0.00188	<0.0009	<0.4	<0.45	<1.58	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	6/2/1995	<0.00188	<0.0009	<0.4	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	12/14/1995	<0.00188	<0.0009	0.6	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	6/13/1996	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; value is an estimate.

O: value is a statistical outlier.

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-2 (cont.)	11/26/1996	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	4/23/1997	0.018	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	10/8/1997	0.011	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.05	<0.2	<0.12	0.2	<10	<0.16
	4/13/1998	<0.0002	<0.0002	<0.04	<0.05	<0.1	<0.04	<0.2	<0.05	<0.04	<0.2	<0.03	<0.03	<0.4	<0.04
	11/5/1998	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	0.68
	4/1/1999	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	0.51
	10/22/1999	<0.001	<0.0005	<0.1	<0.1	<0.1	0.54	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	1.5
	5/10/2000	<0.001	<0.0005	<0.1	<0.1	<0.1	0.31	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	2
	10/12/2000	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	0.87
	4/26/2001	<0.001	<0.0005	<0.1	<0.1	<0.1	0.87	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	3
	10/26/2001	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	0.71
	4/10/2002	<0.001	<0.0005	<0.1	<0.1	<0.1	0.32	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	0.85
	11/6/2002	<0.001	<0.0005	<0.1	<0.1	<0.1	0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	0.43
	4/18/2003	0.0032	<0.0005	<0.1	<0.1	<0.1	0.11	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	0.47
	11/5/2003	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	0.32
	4/29/2004	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	0.19
	10/20/2004	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/27/2005	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	0.19
	10/4/2005	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/26/2006	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	10/3/2006	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/11/2007	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	0.61
	10/4/2007	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/21/2008	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	10/9/2008	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	6/11/2009	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	11/12/2009	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31

B: analyte was detected in associated blank sample.

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Historical Database, Mississippi County Class 1 Landfill

MW-2 (cont.)		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
	4/13/2010	0.0011	<0.00031	<0.26	<0.42	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	10/11/2010	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	4/12/2011	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/6/2011	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/7/2012	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	10/8/2012	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/19/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/18/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/16/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/24/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/23/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/9/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/24/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/3/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/23/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/31/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/17/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/12/2018	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	9/12/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/12/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	3/12/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/12/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/3/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-2 (cont.)	3/12/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/2/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/14/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/8/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/11/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/17/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/9/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/9/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-3	downgradient														
	10/27/1993	<0.00297	<0.00142	<2.16	<1.94	<1.58	<4.6	<7.29	<1.76	<1.98	<1.71	<1.73	<1.79	<2.91	<1.56
	3/15/1994	<0.00188	<0.0009	<0.4	<0.45	<1.58	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	6/14/1994	0.0142	<0.0009	<0.4	<0.45	<1.58	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	9/15/1994	<0.00188	<0.0009	<0.4	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	12/22/1994	<0.00188	<0.0009	<0.4	<0.45	<1.58	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	6/2/1995	<0.00188	<0.0009	<0.4	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	12/14/1995	<0.00188	<0.0009	0.41	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	6/13/1996	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	11/26/1996	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	4/23/1997	0.019	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	10/8/1997	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.05	<0.2	<0.12	0.25	<10	<0.16
	4/13/1998	<0.0002	<0.0002	<0.04	<0.05	<0.1	<0.04	<0.2	<0.05	<0.04	<0.2	<0.03	<0.03	<0.4	<0.04
	11/5/1998	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/1/1999	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/22/1999	<0.001	<0.0005	<0.1	<0.1	<0.1	0.57	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	5/10/2000	<0.001	<0.0005	<0.1	<0.1	<0.1	0.38	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/12/2000	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/26/2001	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1

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Historical Database, Mississippi County Class 1 Landfill

MW-3 (cont.)		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
	10/26/2001	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/10/2002	<0.001	<0.0005	<0.1	<0.1	<0.1	0.21	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	11/6/2002	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/18/2003	<0.001	<0.0005	<0.1	<0.1	<0.1	0.25	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	11/5/2003	<0.001	<0.0005	<0.1	<0.1	<0.1	0.12	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/29/2004	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/20/2004	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/27/2005	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/4/2005	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/26/2006	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	10/3/2006	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/11/2007	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	10/4/2007	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/21/2008	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	10/9/2008	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	6/11/2009	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	11/12/2009	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	4/13/2010	<0.00032	<0.00031	<0.26	<0.42	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	10/11/2010	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	4/12/2011	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/6/2011	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/7/2012	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	10/8/2012	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/20/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/25/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/18/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/16/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1

B: analyte was detected in associated blank sample.

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-3 (cont.)	3/24/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/21/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/17/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/6/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/24/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/1/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/17/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/13/2018	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	9/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	3/18/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/13/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/3/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/13/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/2/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/15/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/8/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/11/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/17/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/9/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/10/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-4	downgradient														

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-4 (cont.)	10/27/1993	<0.00297	<0.00142	<2.16	<1.94	<1.58	<4.6	<7.29	<1.76	<1.98	<1.71	<1.73	<1.79	<2.91	<1.56
	3/15/1994	<0.00188	<0.0009	<0.4	<0.45	<1.58	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	6/14/1994	<0.00188	<0.0009	<0.4	<0.45	<1.58	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	9/15/1994	<0.00188	<0.0009	0.4	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	12/22/1994	<0.00188	<0.0009	<0.4	<0.45	<1.58	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	6/2/1995	<0.00188	<0.0009	<0.4	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	12/14/1995	<0.00188	<0.0009	<0.4	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	6/13/1996	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	11/26/1996	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	4/23/1997	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	10/8/1997	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.05	<0.2	<0.12	0.22	<10	<0.16
	4/13/1998	<0.0002	<0.0002	<0.04	<0.05	<0.1	<0.04	<0.2	<0.05	<0.04	<0.2	<0.03	<0.03	<0.4	<0.04
	11/5/1998	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/1/1999	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
MW-4R	downgradient														
	10/22/1999	<0.001	<0.0005	<0.1	<0.1	<0.1	0.72	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	5/10/2000	<0.001	<0.0005	<0.1	<0.1	<0.1	1.2	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/12/2000	<0.001	<0.0005	<0.1	<0.1	<0.1	0.15	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/26/2001	<0.001	<0.0005	<0.1	<0.1	<0.1	0.3	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/26/2001	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/10/2002	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	11/6/2002	<0.001	<0.0005	<0.1	<0.1	<0.1	0.36	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/18/2003	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	11/5/2003	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/29/2004	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/20/2004	0.0012	<0.0005	<0.1	<0.1	<0.1	0.18	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/27/2005	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1

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MW-4R (cont.)	10/4/2005	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/26/2006	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	10/3/2006	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/11/2007	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	10/4/2007	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/21/2008	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	10/9/2008	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
MW-4R2	downgradient														
	6/11/2009	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	11/12/2009	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	4/14/2010	0.001	<0.00031	<0.26	<0.42	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	10/12/2010	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	4/13/2011	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/6/2011	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/7/2012	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	10/8/2012	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/20/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/25/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/18/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/16/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/24/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/23/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/9/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/24/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/3/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/23/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/1/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-4R2 (cont.)	11/17/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/12/2018	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	9/12/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/12/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	3/12/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/12/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/3/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/12/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/2/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/14/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/8/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/11/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/17/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/9/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/9/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-5	downgradient														
	6/14/1994	0.011	<0.0009	<0.4	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	9/15/1994	0.0424	<0.0009	<0.4	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	12/22/1994	<0.00188	<0.0009	<0.4	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	6/2/1995	<0.00188	<0.0009	<0.4	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	12/14/1995	<0.00188	<0.0009	<0.4	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	6/13/1996	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	11/26/1996	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	4/23/1997	0.021	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	10/8/1997	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.05	<0.2	<0.12	0.26	<10	<0.16

B: analyte was detected in associated blank sample.

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O: value is a statistical outlier.

R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-5 (cont.)	4/13/1998	<0.0002	<0.0002	<0.04	<0.05	<0.1	<0.04	<0.2	<0.05	<0.04	<0.2	<0.03	<0.03	<0.4	<0.04
	11/5/1998	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/1/1999	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/22/1999	<0.001	<0.0005	<0.1	<0.1	<0.1	0.84	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	5/10/2000	<0.001	<0.0005	<0.1	<0.1	<0.1	0.94	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/12/2000	<0.001	<0.0005	<0.1	<0.1	<0.1	0.25	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/26/2001	<0.001	<0.0005	<0.1	<0.1	<0.1	0.45	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/26/2001	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/10/2002	<0.001	<0.0005	<0.1	<0.1	<0.1	0.17	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	11/6/2002	<0.001	<0.0005	<0.1	<0.1	<0.1	0.31	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/18/2003	<0.001	<0.0005	<0.1	<0.1	<0.1	0.34	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	downgradient														
MW-5R	11/5/2003	<0.001	<0.0005	<0.1	<0.1	<0.1	0.11	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/29/2004	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/20/2004	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/27/2005	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/4/2005	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/26/2006	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	10/3/2006	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/11/2007	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	10/4/2007	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/21/2008	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	10/9/2008	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	6/11/2009	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	11/12/2009	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	4/14/2010	<0.00032	<0.00031	<0.26	<0.42	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	10/12/2010	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1

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Historical Database, Mississippi County Class 1 Landfill

MW-5R (cont.)		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
	4/13/2011	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/6/2011	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/7/2012	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	10/8/2012	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/20/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/25/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/18/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/17/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/24/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/23/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/9/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/3/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/23/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/1/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/17/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/13/2018	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	9/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	3/13/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/13/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/3/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/12/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/2/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1

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		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-5R (cont.)	9/14/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/8/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/11/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/17/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/9/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/9/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-6	downgradient														
	11/5/2003	<0.001	<0.0005	<0.1	<0.1	<0.1	0.13	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/29/2004	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/20/2004	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/27/2005	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/4/2005	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/26/2006	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	10/3/2006	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/11/2007	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	10/4/2007	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/21/2008	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	10/9/2008	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	6/11/2009	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	11/12/2009	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	4/14/2010	<0.00032	<0.00031	<0.26	<0.42	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	10/12/2010	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	4/13/2011	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/6/2011	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/8/2012	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	10/8/2012	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/20/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1

B: analyte was detected in associated blank sample.

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Historical Database, Mississippi County Class 1 Landfill

MW-6 (cont.)		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
	9/25/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/19/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/17/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/24/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/23/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/9/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/6/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/23/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/1/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/17/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/13/2018	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	9/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	3/14/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/13/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/3/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/13/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/2/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/14/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/8/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/11/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/17/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/9/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-6 (cont.)	12/9/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
OB-1	upgradient														
	4/11/2007	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	11/30/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/1/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/17/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/16/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/13/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/12/2018	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/11/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	9/12/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/11/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	3/12/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/12/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/3/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/10/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/2/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/14/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/8/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/9/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/14/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/8/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/7/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-10	upgradient														
	4/2/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/12/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1

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		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-10 (cont.)	9/25/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/11/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/19/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/25/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/18/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/16/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/25/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/18/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/25/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/18/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/14/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/11/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/17/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	6/19/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/10/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/10/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/15/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/8/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-11	upgradient														
	11/5/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/10/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/19/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/28/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/1/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-11 (cont.)	3/2/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/19/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/17/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/14/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/11/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/17/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/20/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/5/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/10/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/9/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/9/2021	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
	4/19/2021	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
	6/15/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/8/2021	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
	12/8/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-12	downgradient														
	11/5/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/10/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/19/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/28/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/1/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/2/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/19/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/17/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/14/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/11/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1

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		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-12 (cont.)	12/17/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/20/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/5/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/10/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/10/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/16/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/8/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-13	downgradient														
	11/5/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/10/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/19/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/28/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/1/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/2/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/24/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/18/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/14/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/11/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/19/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	6/20/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/5/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/10/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/10/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/16/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/8/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-14	downgradient														

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-14 (cont.)	11/6/2015	0.00032	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/18/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/23/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/29/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/1/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/2/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/22/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/18/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/16/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/19/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	6/19/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/5/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/10/2020	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
	6/5/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/11/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/16/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/8/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-15	downgradient														
	4/3/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	4/3/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/12/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/25/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/12/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-15R	3/19/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	downgradient														

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-15R (cont.)	11/6/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/23/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/29/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/1/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/2/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/23/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/18/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/16/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	9/13/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/19/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	6/19/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/3/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/4/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/10/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/16/2021	0.000187(J)	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/9/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-16	downgradient														
	11/5/2015	0.000416	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/29/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/5/2016	<0.001	<0.001	<1	<1	<5	<5	0.476(B)	<1	<1	<5	<1	<1	<2.5	<1
	3/2/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/23/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/18/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/16/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/14/2018	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/12/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-16 (cont.)	12/20/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	6/18/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/4/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/12/2020	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
	6/4/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/10/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/16/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/9/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-17	upgradient														
	4/2/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/12/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/26/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/12/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/19/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/25/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/18/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/16/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/25/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/23/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/18/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/26/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/18/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/14/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/11/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/17/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	6/17/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-17 (cont.)	12/4/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/3/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/9/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/14/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-18	upgradient														
	4/3/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/12/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/25/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/12/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/19/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/25/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/18/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/17/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/29/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/22/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/16/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/12/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/20/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/18/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/3/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/10/2020	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
	6/4/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/10/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/16/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/8/2021	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

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-18 (cont.)	12/8/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-19	upgradient														
	4/2/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/12/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/25/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/11/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/19/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/25/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/18/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/16/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/25/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/17/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/25/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/18/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/14/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/11/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/17/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	6/17/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/3/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/9/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/15/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/7/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-20	upgradient														
	4/3/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-20 (cont.)	6/12/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/26/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/12/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/19/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/25/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/18/2014	0.00074(J)	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/16/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/18/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/29/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/22/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/16/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/12/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	upgradient														
MW-21	11/5/2015	0.000325	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/11/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/18/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/25/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/30/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/1/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/18/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/17/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/14/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/11/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/17/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	6/18/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/4/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-21 (cont.)	6/3/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/9/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/15/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/8/2021	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
	12/7/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-22	upgradient														
	11/4/2015	0.000704	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/11/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/18/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/25/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/30/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/1/2017	0.000596(J)	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/17/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/16/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/13/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/11/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/11/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	6/17/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/4/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/3/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/9/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/14/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/7/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-23	upgradient														
	11/4/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/11/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/18/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1

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		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-23 (cont.)	8/25/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/30/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/1/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/17/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/16/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/13/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/11/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/11/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	6/17/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/3/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/9/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/14/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/7/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-24	upgradient														
	11/5/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/10/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/19/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/28/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/30/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/2/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/18/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/17/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/14/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/12/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/17/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1

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		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-24 (cont.)	6/19/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/10/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/14/2020	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
	12/10/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/9/2021	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
	6/15/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/7/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	downgradient														
LEACHATE#1	4/14/2010	<0.00032	<0.00031	0.38(J)	<0.42	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	10/12/2010	<0.001	<0.001	0.73(J)	<1	<5	<5	<2.5	<1	<1	<5	<1	0.44(J)	<2.5	<1
	4/13/2011	0.00043(J)	<0.001	0.61(J)	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/6/2011	<0.001	<0.001	1.6	<1	<5	<5	<2.5	<1	<1	<5	<1	0.77	<2.5	<1
	5/8/2012	<0.001	<0.001	1.1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	10/8/2012	<0.001	<0.001	0.95(J)	<1	<5	<5	<2.5	<1	<1	<5	<1	0.89(J)	<2.5	<1
	3/20/2013	<0.001	<0.001	2.6	<1	<5	<5	<2.5	<1	<1	<5	<1	1.1	<2.5	<1
	9/26/2013	<0.001	<0.001	0.74(J)	<1	<5	<5	<2.5	<1	<1	<5	<1	0.32(J)	<2.5	<1
	3/19/2014	<0.001	<0.001	1.2	<1	<5	<5	<2.5	<1	<1	<5	<1	0.96(J)	<2.5	<1
	9/17/2014	0.0011	<0.001	0.42(J)	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/25/2015	<0.001	<0.001	0.38(J)	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/19/2016	<0.001	<0.001	1.71	<1	<5	<5	<2.5	<1	<1	<5	<1	1.37	<2.5	<1
	8/29/2016	<0.001	<0.001	1.61	<1	<5	<5	<2.5	<1	<1	<5	<1	0.997(J)	<2.5	<1
	3/6/2017	<0.001	<0.001	2.05	<1	<5	<5	<2.5	<1	<1	<5	<1	0.936(J)	<2.5	<1
	9/1/2017	0.0018	<0.001	0.913(J)	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1

B: analyte was detected in associated blank sample.

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
LEACHATE#1 (cont.)	12/20/2018	<0.001	<0.001	2.1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	1.34	<2.5	<1
	6/20/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/5/2019	<0.001	<0.001	0.948(J)	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/10/2020	<0.01	<0.01	<10	<10	<50	<50	<25	<10	<10	<50	<10	<10	<25	<10
	12/11/2020	<0.001	<0.001	0.684(J)	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/17/2021	0.000148(J)	<0.001	0.208(J)	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/10/2021	<0.01	<0.01	<10	<10	<50	<50	<25	<10	<10	<50	<10	<10	<25	<10
LEACHATE#2	downgradient														
	6/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/20/2018	<0.001	<0.001	1.81	<1	<5	<5	n/a	n/a	n/a	n/a	<1	0.523(J)	<2.5	<1
	6/20/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/5/2019	<0.001	<0.001	1.29	<1	<5	<5	<2.5	<1	<1	<5	<1	0.414(J)	<2.5	<1
	6/10/2020	0.0121	<0.001	0.304(J)	<1	3.56(J)	<5	<2.5	<1	<1	<5	<1	<1	<2.5	1.26
	12/11/2020	<0.001	<0.001	1.68	<1	<5	<5	<2.5	<1	<1	<5	<1	0.484(J)	<2.5	<1
	6/17/2021	0.000229(J)	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/10/2021	<0.01	<0.01	<10	<10	<50	<50	<25	<10	<10	<50	<10	<10	<25	<10

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Historical Database, Mississippi County Class 1 Landfill

MW-1	downgradient	1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
	10/27/1993	<2.07	<1.88	<1.66	<1.69	<1.75	<1.89	<2.53	<2.04	<2.64	<1.05	<0.0324	<0.0222	<0.00234	<1.9
	3/15/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	3.26	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/14/1994	<0.49	2.44	<0.29	1.06	0.76	0.46	0.63	1.4	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	9/15/1994	<0.49	<1.74	<0.29	<0.58	0.31	<0.31	<0.63	0.41	<3.04	<0.99	<0.0161	<0.0222	<0.00319	0.31
	12/22/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/2/1995	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	12/14/1995	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/13/1996	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	11/26/1996	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	4/23/1997	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	10/8/1997	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.02	<0.01	<0.16
	4/13/1998	<0.06	<0.2	<0.1	<0.05	<0.04	<0.05	<0.05	<0.03	<0.5	<0.1	<0.004	<0.0002	<0.002	<0.04
	11/5/1998	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/1/1999	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/22/1999	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	5/10/2000	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/12/2000	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/26/2001	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/26/2001	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/10/2002	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	11/6/2002	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/18/2003	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	11/5/2003	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/29/2004	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/20/2004	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/27/2005	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-1 (cont.)	10/4/2005	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/26/2006	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	10/3/2006	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/11/2007	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	10/4/2007	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/21/2008	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	10/9/2008	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	6/11/2009	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	11/12/2009	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	4/13/2010	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	10/11/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<0.015	<0.005	<0.005	<1
	4/12/2011	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<0.015	<0.005	<0.005	<1
	12/6/2011	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/7/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.001(J)	<0.01	<1
	10/8/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/19/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/24/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/18/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/16/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/24/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0028(J)	<0.01	<1
	9/24/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/9/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/25/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/6/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	5/24/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1

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		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-1 (cont.)	9/1/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10(J)	<0.015	<0.005	<0.01	<1
	11/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/14/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/14/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	9/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	3/18/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/14/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/24/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/13/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/3/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/15/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/8/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	3/11/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/10/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/10/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-2	upgradient														
	10/27/1993	<2.07	<1.88	<1.66	<1.69	<1.75	<1.89	<2.53	<2.04	<2.64	<1.05	<0.0324	<0.0222	<0.00234	<1.9
	3/15/1994	<0.49	<1.74	0.32	0.87	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/14/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	9/15/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	0.37	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	12/22/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/2/1995	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	12/14/1995	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/13/1996	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; value is an estimate.

O: value is a statistical outlier.

R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-2 (cont.)	11/26/1996	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	4/23/1997	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	10/8/1997	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.02	<0.01	<0.16
	4/13/1998	<0.06	<0.2	<0.1	<0.05	<0.04	<0.05	<0.05	<0.03	<0.5	<0.1	<0.004	<0.0002	<0.002	<0.04
	11/5/1998	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/1/1999	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/22/1999	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	5/10/2000	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/12/2000	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/26/2001	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/26/2001	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/10/2002	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	11/6/2002	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/18/2003	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	11/5/2003	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/29/2004	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/20/2004	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/27/2005	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/4/2005	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/26/2006	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	2.2	<0.29	<0.0013	<0.001	<0.0005	<0.15
	10/3/2006	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/11/2007	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	10/4/2007	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/21/2008	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	10/9/2008	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	6/11/2009	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	11/12/2009	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; value is an estimate.

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Historical Database, Mississippi County Class 1 Landfill

MW-2 (cont.)		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
		<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	4/13/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<0.015	<0.005	<0.005	<1
	10/11/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<0.015	<0.005	<0.005	<1
	4/12/2011	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<0.015	<0.005	<0.005	<1
	12/6/2011	<1	<1	0.3	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/7/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.001(J)	<0.01	<1
	10/8/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/19/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/24/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/18/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/16/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/24/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0025(J)	<0.01	<1
	9/23/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/9/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/24/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/3/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	5/23/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/31/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10(J)	<0.015	<0.005	<0.01	<1
	11/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	9/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	3/12/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/12/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/24/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; value is an estimate.

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-2 (cont.)	3/12/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/2/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/14/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/8/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	3/11/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-3	downgradient														
	10/27/1993	<2.07	<1.88	<1.66	<1.69	<1.75	<1.89	<2.53	<2.04	<2.64	<1.05	<0.0324	<0.0222	<0.00234	<1.9
	3/15/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/14/1994	<0.49	<1.74	<0.29	<0.58	0.31	0.44	<0.63	0.47	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	9/15/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	12/22/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/2/1995	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	12/14/1995	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/13/1996	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	11/26/1996	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	4/23/1997	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	10/8/1997	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.02	<0.01	<0.16
	4/13/1998	<0.06	<0.2	<0.1	<0.05	<0.04	<0.05	<0.05	<0.03	<0.5	<0.1	<0.004	<0.0002	<0.002	<0.04
	11/5/1998	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/1/1999	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/22/1999	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	5/10/2000	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/12/2000	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/26/2001	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; value is an estimate.

O: value is a statistical outlier.

R: value was rejected due to suspected error; not used in statistics.

MW-3
(cont.)

B: analyte was detected in associated blank sample.
J: analyte was detected below the RDL; value is an estimate.
O: value is a statistical outlier.
R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

MW-3 (cont.)			1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
			<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0025(J)	<0.01	<1
	3/24/2015		<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/21/2015		<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/17/2016		<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016		<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/6/2017		<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	5/24/2017		<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/1/2017		<1	<1	<1	<1	<1	<1	<1	<1	<10	<10(J)	<0.015	<0.005	<0.01	<1
	11/17/2017		<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/13/2018		<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/13/2018		<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	9/13/2018		<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/13/2018		<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	3/18/2019		<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/13/2019		<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/24/2019		<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/3/2019		<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/13/2020		<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/2/2020		<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/15/2020		<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/8/2020		<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	3/11/2021		<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/17/2021		<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/9/2021		<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/10/2021		<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-4	downgradient															

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-4 (cont.)	10/27/1993	<2.07	<1.88	<1.66	<1.69	<1.75	<1.89	<2.53	<2.04	<2.64	<1.05	<0.0324	<0.0222	<0.00234	<1.9
	3/15/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/14/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	9/15/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	12/22/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/2/1995	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	12/14/1995	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/13/1996	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	11/26/1996	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	4/23/1997	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	10/8/1997	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.02	<0.01	<0.16
	4/13/1998	<0.06	<0.2	<0.1	<0.05	<0.04	<0.05	<0.05	<0.03	<0.5	<0.1	<0.004	<0.0002	<0.002	<0.04
	11/5/1998	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/1/1999	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
MW-4R	downgradient														
	10/22/1999	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	5/10/2000	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/12/2000	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/26/2001	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/26/2001	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/10/2002	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	11/6/2002	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/18/2003	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	11/5/2003	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/29/2004	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/20/2004	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/27/2005	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-4R (cont.)	10/4/2005	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/26/2006	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	10/3/2006	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/11/2007	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	10/4/2007	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/21/2008	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	10/9/2008	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	3.9	<2.6	<0.01	<0.004	<0.0014	<0.38
MW-4R2	downgradient														
	6/11/2009	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	11/12/2009	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	4/14/2010	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	10/12/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<0.015	<0.005	<0.005	<1
	4/13/2011	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<0.015	<0.005	<0.005	<1
	12/6/2011	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/7/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0011(J)	<0.01	<1
	10/8/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/20/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/25/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/18/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/16/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/24/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0023(J)	<0.01	<1
	9/23/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/9/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/24/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/3/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	5/23/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/1/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-4R2 (cont.)	11/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	9/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	3/12/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/12/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/24/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/12/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/2/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/14/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/8/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	3/11/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-5	downgradient														
	6/14/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	0.009	<0.00319	<0.27
	9/15/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	12/22/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/2/1995	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	12/14/1995	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/13/1996	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	11/26/1996	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	4/23/1997	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	10/8/1997	<0.24	<0.16	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.02	<0.01	<0.16

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-5 (cont.)	4/13/1998	<0.06	<0.2	<0.1	<0.05	<0.04	<0.05	<0.05	<0.03	<0.5	<0.1	<0.004	<0.0002	<0.002	<0.04
	11/5/1998	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/1/1999	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/22/1999	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	5/10/2000	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/12/2000	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/26/2001	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/26/2001	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/10/2002	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	11/6/2002	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/18/2003	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
MW-5R	downgradient														
	11/5/2003	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/29/2004	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/20/2004	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/27/2005	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/4/2005	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/26/2006	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	10/3/2006	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/11/2007	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	10/4/2007	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/21/2008	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	10/9/2008	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	6/11/2009	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	11/12/2009	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	4/14/2010	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	10/12/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<0.015	<0.005	<0.005	<1

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; value is an estimate.

O: value is a statistical outlier.

R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

MW-5R (cont.)															
		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
	4/13/2011	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<0.015	<0.005	<0.005	<1
	12/6/2011	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/7/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.001(J)	<0.01	<1
	10/8/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/20/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/25/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/18/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/17/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/24/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0026(J)	<0.01	<1
	9/23/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/9/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/3/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	5/23/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/1/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	9/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	3/13/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/13/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/24/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/12/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/2/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; value is an estimate.

O: value is a statistical outlier.

R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-5R (cont.)	9/14/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/8/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	3/11/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-6	downgradient														
	11/5/2003	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/29/2004	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/20/2004	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/27/2005	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/4/2005	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/26/2006	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	10/3/2006	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/11/2007	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	10/4/2007	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/21/2008	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	10/9/2008	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	6/11/2009	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	11/12/2009	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	4/14/2010	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	10/12/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<0.015	<0.005	<0.005	<1
	4/13/2011	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<0.015	<0.005	<0.005	<1
	12/6/2011	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/8/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.001(J)	<0.01	<1
	10/8/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/20/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; value is an estimate.

O: value is a statistical outlier.

R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

MW-6 (cont.)		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
	9/25/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/19/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/17/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/24/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0024(J)	<0.01	<1
	9/23/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/9/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/6/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	5/23/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/1/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	9/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	3/14/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/13/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/24/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/13/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/2/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/14/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/8/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	3/11/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; value is an estimate.

O: value is a statistical outlier.

R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

MW-6 (cont.) OB-1	12/9/2021 upgradient	1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
		<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	4/11/2007	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	11/30/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/1/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/16/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/13/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	9/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	3/12/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/12/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/24/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/2/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/14/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/8/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	3/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/14/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/8/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/7/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-10	upgradient														
	4/2/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/12/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1

B: analyte was detected in associated blank sample.

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O: value is a statistical outlier.

R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-10 (cont.)	9/25/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/11/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0011(J)	<0.01	<1
	3/19/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/25/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/18/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/16/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/25/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0026(J)	<0.01	<1
	9/24/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/18/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/25/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/18/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	6/19/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/15/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/8/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-11	upgradient														
	11/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/10/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/19/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/28/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/1/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-11 (cont.)	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/19/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/20/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/5/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/9/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	3/9/2021	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
	4/19/2021	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
	6/15/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/8/2021	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
	12/8/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-12	downgradient														
	11/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/10/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/19/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/28/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/1/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/19/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-12 (cont.)	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/20/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/5/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/16/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/8/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-13	downgradient														
	11/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/10/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/19/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/28/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/1/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/24/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/18/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/19/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	6/20/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/5/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/16/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/8/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-14	downgradient														

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-14 (cont.)	11/6/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/18/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/23/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/29/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/1/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/22/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/18/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/16/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/19/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	6/19/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/24/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/5/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/10/2020	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
	6/5/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/11/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/16/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/8/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-15	downgradient														
	4/3/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.001(J)	<0.01	<1
	4/3/2013	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
	6/12/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/25/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/12/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
MW-15R	3/19/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	downgradient														

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-15R (cont.)	11/6/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/23/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/29/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/1/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/23/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/18/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/16/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	9/13/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/19/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	6/19/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/4/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/16/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-16	downgradient														
	11/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/29/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/5/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	5.09(BJ)	<0.015	<0.005	<0.01	<1
	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/23/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/18/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/16/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/14/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1

B: analyte was detected in associated blank sample.

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O: value is a statistical outlier.

R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-16 (cont.)	12/20/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	6/18/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/12/2020	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
	6/4/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/16/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-17	upgradient														
	4/2/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0011(J)	<0.01	<1
	6/12/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/26/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/12/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/19/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/25/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/18/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/16/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/25/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0023(J)	<0.01	<1
	9/23/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/18/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/26/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/18/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	6/17/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-17 (cont.)	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/3/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/9/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/14/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-18	upgradient														
	4/3/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.001(J)	<0.01	<1
	6/12/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/25/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/12/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/19/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/25/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/18/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/17/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/24/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/29/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/22/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/16/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/20/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/18/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/10/2020	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
	6/4/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/16/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/8/2021	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

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-18 (cont.)	12/8/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-19	upgradient														
	4/2/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/12/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/25/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/11/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/19/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/25/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/18/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/16/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/25/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0026(J)	<0.01	<1
	9/24/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/17/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/25/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/18/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	6/17/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/3/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/9/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/15/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/7/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-20	upgradient														
	4/3/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0011(J)	<0.01	<1

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-20 (cont.)	6/12/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/26/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/12/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/19/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/25/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/18/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/16/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/24/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/18/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/29/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/22/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/16/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
MW-21	upgradient														
	11/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/11/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/18/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/25/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/30/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/1/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/18/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	6/18/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-21 (cont.)	6/3/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/9/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/15/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/8/2021	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
	12/7/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-22	upgradient														
	11/4/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/11/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/18/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/25/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/30/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/1/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/16/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/13/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	6/17/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/3/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/9/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/14/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/7/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-23	upgradient														
	11/4/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/11/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/18/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-23 (cont.)	8/25/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/30/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/1/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/16/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/13/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	6/17/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/3/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/9/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/14/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/7/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-24	upgradient														
	11/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/10/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/19/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/28/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/30/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/18/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-24 (cont.)	6/19/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/24/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/14/2020	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
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	3/9/2021	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
	6/15/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/7/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
LEACHATE#1	downgradient														
	4/14/2010	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	1.8	<1.6	<2.6	0.016	<0.004	<0.0014	<0.38
	10/12/2010	<1	<1	<1	<1	<1	<1	<1	0.78(J)	<5	<5	0.016	<0.005	0.028	<1
	4/13/2011	<1	<1	0.47(J)	<1	<1	<1	<1	0.65(J)	<5	<5	0.22	<0.005	0.0019(J)	<1
	12/6/2011	<1	<1	<1	<1	<1	<1	<1	2.4	<10	<10	<0.015	<0.005	<0.01	<1
	5/8/2012	<1	<1	<1	<1	<1	<1	<1	0.76(J)	<10	<10	<0.015	0.00097(J)	0.0019(J)	<1
	10/8/2012	<1	<1	<1	<1	<1	<1	<1	1.4	<10	<10	<0.015	<0.005	<0.01	<1
	3/20/2013	<1	<1	<1	<1	<1	<1	<1	2	<10	<10	0.0049(J)	<0.005	<0.01	<1
	9/26/2013	<1	<1	<1	<1	<1	<1	<1	0.66(J)	<10	<10	<0.015	<0.005	<0.01	<1
	3/19/2014	<1	<1	<1	<1	<1	<1	<1	1.3	<10	<10	0.005(J)	<0.005	<0.01	<1
	9/17/2014	<1	<1	<1	<1	<1	<1	<1	0.44(J)	<10	<10	0.011(J)	<0.005	0.0036(J)	<1
	3/25/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0032(J)	<0.01	<1
	9/24/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	0.0273	<0.005	0.00323	<1
	2/19/2016	<1	<1	<1	<1	<1	<1	<1	1.12	<10	<10	<0.015	<0.005	<0.01	<1
	8/29/2016	<1	<1	<1	<1	<1	<1	<1	1.36	<10	<10	0.015(J)	0.0014(J)	0.00346(J)	<1
	3/6/2017	<1	<1	<1	<1	<1	<1	<1	0.962(J)	<10	<10	<0.01	<0.005	<0.01	<1
	9/1/2017	<1	<1	<1	<1	<1	<1	<1	0.541(J)	<10	<10	<0.015	<0.005	0.00307(J)	<1
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
LEACHATE#1 (cont.)	12/20/2018	<1	<1	<1	<1	<1	<1	<1	1.9	<10	n/a	0.0047(J)	<0.005	0.00529(J)	<1
	6/20/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	0.00678(J)	<0.005	<0.01	<1
	12/5/2019	<1	<1	<1	<1	<1	<1	<1	0.43(J)	<10	<10	<0.015	<0.005	0.00302(J)	<1
	6/10/2020	<10	<10	<10	<10	<10	<10	<10	<10	<100	<100	<0.1	0.00914(BJ)	<0.1	<10
	12/11/2020	<1	<1	<1	<1	<1	<1	<1	0.308(J)	<10	<10	0.00986(J)	<0.005	0.00256(J)	<1
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	0.0506	<0.005	0.00203(J)	<1
	12/10/2021	<10	<10	<10	<10	<10	<10	<10	<10	<100	<100	<0.1	<0.05	<0.1	<10
	downgradient														
LEACHATE#2	6/13/2018	<1	<1	<1	<1	<1	<1	<1	0.799(J)	<10	n/a	<0.01	<0.005	<0.01	<1
	12/20/2018	<1	<1	<1	<1	<1	<1	<1	4.61	<10	n/a	<0.01	<0.005	<0.01	<1
	6/20/2019	<1	<1	<1	<1	<1	<1	<1	0.407(J)	<10	<10	0.00437(J)	<0.005	<0.01	<1
	12/5/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	0.004(J)	<0.005	<0.01	<1
	6/10/2020	0.551(J)	<1	<1	<1	0.578(J)	<1	<1	<1	<10	<10	<0.01	0.000802(J)	<0.01	<1
	12/11/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	0.0223	<0.005	<0.01	<1
	12/10/2021	<10	<10	<10	<10	<10	<10	<10	<10	<100	<100	0.118	<0.05	<0.1	<10

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Historical Database, Mississippi County Class 1 Landfill

MW-1	downgradient	1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
	10/27/1993	<1.62	<2.34	<2.14	<1.79	<2.89	<1.66	2.62	<3.53	<4.32	<0.0009	<0.0037	<2.15
	3/15/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	0.99	<2.75	<2.17	<0.00104	<0.00055	<1.13
	6/14/1994	1	<1.79	<0.7	<0.46	<0.84	<0.87	1.89	3	<2.17	<0.00104	0.00156	2.68
	9/15/1994	0.42	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	12/22/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	6/2/1995	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	12/14/1995	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	6/13/1996	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	11/26/1996	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	4/23/1997	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	10/8/1997	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	4/13/1998	<0.03	<0.04	<0.06	<0.05	<0.05	<0.04	<0.06	<0.06	<0.3	<0.003	<0.0002	<0.05
	11/5/1998	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/1/1999	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/22/1999	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	5/10/2000	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/12/2000	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/26/2001	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/26/2001	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/10/2002	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	11/6/2002	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/18/2003	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	11/5/2003	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/29/2004	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/20/2004	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/27/2005	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5

B: analyte was detected in associated blank sample.

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Historical Database, Mississippi County Class 1 Landfill

MW-1 (cont.)		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
	10/4/2005	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/26/2006	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	10/3/2006	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/11/2007	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	10/4/2007	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/21/2008	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	10/9/2008	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	6/11/2009	<0.4	<0.22	0.32	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	11/12/2009	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	4/13/2010	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.00086
	10/11/2010	<1	<1	0.62(J)	<5	<1	<1	<1	<5	<1	<0.005	<0.001	<0.003
	4/12/2011	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.005	<0.001	<0.003
	12/6/2011	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/7/2012	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	10/8/2012	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/19/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/24/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/18/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/16/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/24/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/24/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/9/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/25/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/6/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/24/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

B: analyte was detected in associated blank sample.

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-1 (cont.)	9/1/2017	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	11/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	3/14/2018	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/14/2018	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	9/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	3/18/2019	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/14/2019	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	9/24/2019	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	3/13/2020	<1	<1	9.12	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/3/2020	<1	<1	<1	0.294(J)	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	9/15/2020	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/8/2020	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	3/11/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	9/10/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/10/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
MW-2	upgradient												
	10/27/1993	<1.62	<2.34	<2.14	<1.79	<2.89	<1.66	<2.23	<3.53	<4.32	<0.0009	<0.0037	<2.15
	3/15/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	9.09	<2.17	<0.00104	<0.00055	<1.13
	6/14/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	9/15/1994	0.33	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	12/22/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	6/2/1995	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	12/14/1995	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	6/13/1996	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52

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Historical Database, Mississippi County Class 1 Landfill

MW-2 (cont.)		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
	11/26/1996	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	4/23/1997	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	10/8/1997	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	4/13/1998	<0.03	<0.04	<0.06	<0.05	<0.05	<0.04	<0.06	<0.06	<0.3	<0.003	<0.0002	<0.05
	11/5/1998	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/1/1999	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/22/1999	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	5/10/2000	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/12/2000	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/26/2001	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/26/2001	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/10/2002	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	11/6/2002	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/18/2003	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	11/5/2003	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/29/2004	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/20/2004	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/27/2005	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/4/2005	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/26/2006	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	10/3/2006	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/11/2007	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	10/4/2007	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/21/2008	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	10/9/2008	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	6/11/2009	<0.4	<0.22	0.3	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	11/12/2009	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86

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Historical Database, Mississippi County Class 1 Landfill

MW-2 (cont.)		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
		<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.00086
	4/13/2010	<1	<1	0.59(J)	<5	<1	<1	<1	<5	<1	<0.005	<0.001	<0.003
	10/11/2010	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.005	<0.001	<0.003
	4/12/2011	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.005	<0.001	<0.003
	12/6/2011	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/7/2012	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	10/8/2012	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/19/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/24/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/18/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/16/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/24/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/23/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/9/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/24/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/3/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/23/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/31/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/17/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/12/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/12/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/12/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/12/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/12/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/24/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-2 (cont.)	3/12/2020	<1	<1	7.24	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/2/2020	<1	<1	<1	0.3(J)	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	9/14/2020	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/8/2020	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	3/11/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	9/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
MW-3	downgradient												
	10/27/1993	<1.62	<2.34	<2.14	<1.79	<2.89	<1.66	<2.23	<3.53	<4.32	<0.0009	<0.0037	<2.15
	3/15/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	6/14/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	9/15/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	12/22/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	6/2/1995	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	12/14/1995	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	6/13/1996	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	11/26/1996	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	4/23/1997	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	10/8/1997	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	4/13/1998	<0.03	<0.04	<0.06	<0.05	<0.05	<0.04	<0.06	<0.06	<0.3	<0.003	<0.0002	<0.05
	11/5/1998	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/1/1999	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/22/1999	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	5/10/2000	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/12/2000	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/26/2001	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5

B: analyte was detected in associated blank sample.

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Historical Database, Mississippi County Class 1 Landfill

MW-3 (cont.)		1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,2,3-Trichloropropane	Vinyl acetate	Vinyl chloride	Xylenes, Total
		(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(mg/l)	(mg/l)	(mg/l)
	10/26/2001	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/10/2002	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	11/6/2002	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/18/2003	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	11/5/2003	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/29/2004	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/20/2004	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/27/2005	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/4/2005	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/26/2006	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	10/3/2006	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/11/2007	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	10/4/2007	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/21/2008	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	10/9/2008	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	6/11/2009	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	11/12/2009	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	4/13/2010	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.00086
	10/11/2010	<1	<1	0.59(J)	<5	<1	<1	<1	<5	<1	<0.005	<0.001	<0.003
	4/12/2011	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.005	<0.001	<0.003
	12/6/2011	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/7/2012	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	10/8/2012	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/20/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/25/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/18/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/16/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-3 (cont.)	3/24/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/21/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/17/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/6/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/24/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/1/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/17/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/13/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/13/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/13/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/18/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/13/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/24/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/13/2020	<1	<1	2.76	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/2/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/15/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/8/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/11/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/9/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/10/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
MW-4	downgradient												

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-4 (cont.)	10/27/1993	<1.62	<2.34	<2.14	<1.79	<2.89	<1.66	<2.23	<3.53	<4.32	<0.0009	<0.0037	<2.15
	3/15/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	6/14/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	9/15/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	12/22/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	6/2/1995	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	12/14/1995	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	6/13/1996	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	11/26/1996	<0.2	<0.16	<0.56	2.2	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	4/23/1997	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	10/8/1997	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	4/13/1998	<0.03	<0.04	<0.06	<0.05	<0.05	<0.04	<0.06	<0.06	<0.3	<0.003	<0.0002	<0.05
	11/5/1998	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/1/1999	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
MW-4R	downgradient												
	10/22/1999	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	5/10/2000	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/12/2000	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/26/2001	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/26/2001	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/10/2002	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	11/6/2002	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/18/2003	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	11/5/2003	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/29/2004	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/20/2004	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/27/2005	<0.1	<0.1	<0.5	0.98	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-4R (cont.)	10/4/2005	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/26/2006	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	10/3/2006	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/11/2007	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	10/4/2007	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/21/2008	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	10/9/2008	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
MW-4R2	downgradient												
	6/11/2009	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	11/12/2009	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	4/14/2010	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.00086
	10/12/2010	<1	<1	0.45(J)	<5	<1	<1	<1	<5	<1	<0.005	<0.001	<0.003
	4/13/2011	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.005	<0.001	<0.003
	12/6/2011	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/7/2012	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	10/8/2012	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/20/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/25/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/18/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/16/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/24/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/23/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/9/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/24/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/3/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/23/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/1/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

B: analyte was detected in associated blank sample.

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R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-4R2 (cont.)	11/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	3/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	9/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	3/12/2019	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/12/2019	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	9/24/2019	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	3/12/2020	<1	<1	53.7	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/2/2020	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	9/14/2020	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/8/2020	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	3/11/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	9/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
MW-5	downgradient												
	6/14/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	9/15/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	12/22/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	6/2/1995	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	12/14/1995	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	6/13/1996	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	11/26/1996	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	4/23/1997	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	10/8/1997	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-5 (cont.)	4/13/1998	<0.03	<0.04	<0.06	<0.05	<0.05	<0.04	<0.06	<0.06	<0.3	<0.003	<0.0002	<0.05
	11/5/1998	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/1/1999	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/22/1999	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	5/10/2000	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/12/2000	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/26/2001	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/26/2001	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/10/2002	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	11/6/2002	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/18/2003	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	downgradient												
MW-5R	11/5/2003	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/29/2004	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/20/2004	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/27/2005	<0.1	<0.1	<0.5	0.62	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/4/2005	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/26/2006	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	10/3/2006	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/11/2007	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	10/4/2007	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/21/2008	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	10/9/2008	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	6/11/2009	<0.4	<0.22	0.4	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	11/12/2009	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	4/14/2010	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.00086
	10/12/2010	<1	<1	0.42(J)	<5	<1	<1	<1	<5	<1	<0.005	<0.001	<0.003

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Historical Database, Mississippi County Class 1 Landfill

MW-5R (cont.)		1,1,1,2-Tetrachloroethane (ug/l)		1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
	4/13/2011	<1	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.005	<0.001	<0.003
	12/6/2011	<1	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/7/2012	<1	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	10/8/2012	<1	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/20/2013	<1	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/25/2013	<1	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/18/2014	<1	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/17/2014	<1	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/24/2015	<1	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/23/2015	<1	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/9/2016	<1	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016	<1	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/3/2017	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/23/2017	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/1/2017	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/13/2019	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/13/2019	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/24/2019	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/12/2020	<1	<1	3.92	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/2/2020	<1	<1	<1	0.375(J)	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-5R (cont.)	9/14/2020	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/8/2020	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	3/11/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	9/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
MW-6	downgradient												
	11/5/2003	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/29/2004	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/20/2004	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/27/2005	<0.1	<0.1	<0.5	0.75	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/4/2005	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/26/2006	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	10/3/2006	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/11/2007	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	10/4/2007	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/21/2008	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	10/9/2008	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	6/11/2009	<0.4	<0.22	0.31	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	11/12/2009	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	4/14/2010	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.00086
	10/12/2010	<1	<1	0.53(J)	<5	<1	<1	<1	<5	<1	<0.005	<0.001	<0.003
	4/13/2011	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.005	<0.001	<0.003
	12/6/2011	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/8/2012	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	10/8/2012	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/20/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

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Historical Database, Mississippi County Class 1 Landfill

MW-6 (cont.)		1,1,1,2-Tetrachloroethane (ug/l)		1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
	9/25/2013	<1	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/19/2014	<1	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/17/2014	<1	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/24/2015	<1	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/23/2015	<1	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/9/2016	<1	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016	<1	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/6/2017	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/23/2017	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/1/2017	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/14/2019	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/13/2019	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/24/2019	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/13/2020	<1	<1	2.3	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/2/2020	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/14/2020	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/8/2020	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/11/2021	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-6 (cont.)	12/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
OB-1	upgradient												
	4/11/2007	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.00017
	11/30/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/1/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/17/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/16/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/13/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/12/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/12/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/11/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/12/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/12/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/24/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/10/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/2/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/14/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/8/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/9/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/14/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/8/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/7/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
MW-10	upgradient												
	4/2/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/12/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-10 (cont.)	9/25/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/11/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/19/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/25/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/18/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/16/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/25/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/24/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/18/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/25/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/18/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/19/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/10/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/15/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/8/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
MW-11	upgradient												
	11/5/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/10/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/19/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/28/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/1/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-11 (cont.)	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	5/19/2017	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	8/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/20/2019	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/5/2019	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/9/2020	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	3/9/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	4/19/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/15/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	9/8/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/8/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
MW-12	downgradient												
	11/5/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/10/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/19/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/28/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/1/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/19/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/17/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-12 (cont.)	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/20/2019	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/5/2019	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/16/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/8/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
MW-13	downgradient												
	11/5/2015	<1	<1	<1	<5	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	2/10/2016	<1	<1	<1	<5	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	5/19/2016	<1	<1	<1	<5	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	8/28/2016	<1	<1	<1	<5	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/1/2016	<1	<1	<1	<5	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	5/24/2017	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	8/18/2017	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/19/2018	<1	<1	<1	0.472(J)	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/20/2019	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/5/2019	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/16/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/8/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
MW-14	downgradient												

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; value is an estimate.

O: value is a statistical outlier.

R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-14 (cont.)	11/6/2015	<1	<1	<1	<5	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	2/18/2016	<1	<1	<1	<5	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	5/23/2016	<1	<1	<1	<5	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	8/29/2016	<1	<1	<1	<5	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/1/2016	<1	<1	<1	<5	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	5/22/2017	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	8/18/2017	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	11/16/2017	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/19/2018	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/19/2019	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	9/24/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/5/2019	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	3/10/2020	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/5/2020	<1	<1	<1	0.292(J)	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/11/2020	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/16/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/8/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
MW-15	downgradient												
	4/3/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	4/3/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/12/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/25/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/12/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
MW-15R	3/19/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	downgradient												

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J: analyte was detected below the RDL; value is an estimate.

O: value is a statistical outlier.

R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-15R (cont.)	11/6/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/23/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/29/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/1/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/23/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/18/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/16/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/13/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/19/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/19/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/4/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/16/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/9/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
MW-16	downgradient												
	11/5/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/29/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/5/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/23/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/18/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/16/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/14/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/12/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

B: analyte was detected in associated blank sample.

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O: value is a statistical outlier.

R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-16 (cont.)	12/20/2018	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/18/2019	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	3/12/2020	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/4/2020	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/16/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
MW-17	upgradient												
	4/2/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/12/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/26/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/12/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/19/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/25/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/18/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/16/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/25/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/23/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/18/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/26/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/18/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/17/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-17 (cont.)	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/3/2020	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/9/2020	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/14/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
MW-18	upgradient												
	4/3/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/12/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/25/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/12/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/19/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/25/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/18/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/17/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/24/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/29/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/22/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/16/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/12/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/20/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/18/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/10/2020	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/4/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/16/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/8/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-18 (cont.)	12/8/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
MW-19	upgradient												
	4/2/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/12/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/25/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/11/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/19/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/25/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/18/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/16/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/25/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/24/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/17/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/25/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/18/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/17/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/3/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/9/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/15/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/7/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
MW-20	upgradient												
	4/3/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; value is an estimate.

O: value is a statistical outlier.

R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-20 (cont.)	6/12/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/26/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/12/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/19/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/25/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/18/2014	<1	<1	<1	42	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/16/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/24/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/18/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/29/2016	<1	<1	<1	0.792(J)	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/22/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/16/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/12/2018	<1	<1	<1	1.1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	upgradient												
MW-21	11/5/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/11/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/18/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/25/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/30/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/1/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/18/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/17/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/18/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-21 (cont.)	6/3/2020	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/9/2020	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/15/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	9/8/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/7/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
MW-22	upgradient												
	11/4/2015	<1	<1	<1	<5	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	2/11/2016	<1	<1	<1	<5	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	5/18/2016	<1	<1	<1	<5	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	8/25/2016	<1	<1	<1	<5	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	11/30/2016	<1	<1	<1	<5	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	3/1/2017	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	5/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	8/16/2017	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	11/13/2017	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/17/2019	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/3/2020	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/9/2020	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/14/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/7/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
MW-23	upgradient												
	11/4/2015	<1	<1	<1	<5	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	2/11/2016	<1	<1	<1	<5	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	5/18/2016	<1	<1	<1	<5	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-23 (cont.)	8/25/2016	<1	<1	<1	<5	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	11/30/2016	<1	<1	<1	<5	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	3/1/2017	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	5/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	8/16/2017	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	11/13/2017	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/17/2019	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/3/2020	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/9/2020	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/14/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/7/2021	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
MW-24	upgradient												
	11/5/2015	<1	<1	<1	<5	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	2/10/2016	<1	<1	<1	<5	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	5/19/2016	<1	<1	<1	<5	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	8/28/2016	<1	<1	<1	<5	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	11/30/2016	<1	<1	<1	<5	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	5/18/2017	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	8/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	6/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003
	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<1	<2.5	<0.01	<0.001	<0.003

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-24 (cont.)	6/19/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/24/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/10/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/14/2020	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/9/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/15/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/7/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
LEACHATE#1	downgradient												
	4/14/2010	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	0.0052
	10/12/2010	<1	<1	<1	1.5(J)	<1	<1	<1	<5	<1	<0.005	0.00055(J)	0.0029(J)
	4/13/2011	<1	<1	<1	0.92(J)	<1	<1	<1	<5	<2.5	<0.005	<0.001	0.0022(J)
	12/6/2011	<1	<1	<1	0.99	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.0069
	5/8/2012	<1	<1	<1	0.41(J)	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.0023(J)
	10/8/2012	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.0035
	3/20/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	0.00034(J)	0.0062
	9/26/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.0018(J)
	3/19/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.0027
	9/17/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.0014(J)
	3/25/2015	<1	<1	<1	0.86(J)	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.0015(J)
	9/24/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/19/2016	<1	<1	<1	0.803(J)	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.00328
	8/29/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.00452
	3/6/2017	<1	<1	<1	0.414(J)	<1	<1	<10	<5	<2.5	<0.01	<0.001	0.00297(J)
	9/1/2017	<1	<1	<1	0.503(J)	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.00238(J)
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
LEACHATE#1 (cont.)	12/20/2018	<1	<1	<1	1.09	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.0059
	6/20/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/5/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.00154(J)
	6/10/2020	<10	<10	<10	<10	<10	<10	<10	<50	<25	<0.1	<0.01	<0.03
	12/11/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.0012(J)
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.000375(J)
	12/10/2021	<10	<10	<10	<10	<10	<10	<10	<50	<25	<0.1	<0.01	0.00375(J)
LEACHATE#2	downgradient												
	6/13/2018	<1	<1	<1	0.873(J)	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.00953
	12/20/2018	<1	<1	<1	1.01	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.0347
	6/20/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.00383
	12/5/2019	<1	<1	<1	0.854(J)	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.0145
	6/10/2020	<1	<1	<1	<1	<1	0.245(J)	<1	<5	<2.5	<0.01	0.000493(J)	0.00112(J)
	12/11/2020	<1	<1	<1	0.649(J)	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.00576
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/10/2021	<10	<10	<10	2.82(J)	<10	<10	<10	<50	<25	<0.1	<0.01	0.00183(J)

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; value is an estimate.

O: value is a statistical outlier.

R: value was rejected due to suspected error; not used in statistics.

APPENDIX D

Background Data Sets Used for Statistics

BACKGROUND DATA

Background Data for Prediction Limit Evaluations

EPA guidance recommends updating background data sets to include more recent observations because some long-term fluctuation in background levels may be possible, even though a given well has not been impacted by the landfill. Background populations are updated in accordance with the landfill's groundwater sampling and analysis plan (GWSAP) and when at least four compliance data values have been collected. Background data sets used for prediction limit evaluations are attached to this document.

A background update was performed prior to the first quarter 2020 statistical analysis comparing the existing background data to compliance data through December 2019 for all wells except for well-parameter pairs that had been identified as confirmed SSIs/SSDs. Due to a statistical error identified at well MW-3 during the fourth quarter 2020 monitoring period, background data sets that had not been updated during the previous background update were reviewed for trends and compared to site background concentrations. Background data sets were updated to include more recent data if there was no period-of-record trend and concentrations at the well were at or below background concentrations. Background data sets for parameters with primarily nondetect or trace values (e.g., beryllium, cobalt, silver, vanadium, and zinc) were updated for all wells to include data from November 2015 through December 2019 in order to remove historical nondetect values with different reporting limits. Background data sets for well-parameter pairs in assessment monitoring were not updated. Updated background data sets used for prediction limit evaluations and trend tests over updated background date ranges are attached to the end of this document.

Mann-Kendall/Sen's Estimate of Slope Test

EPA guidance recommends screening background populations for statistically significant trends, because some tests (such as a prediction limit test) require a stationary statistical distribution for valid results. The presence of statistically significant trends in background data may violate key assumptions of some statistical tests and require an alternate approach to testing

the data. If trends are indicated in background populations, testing strategies that either correct for, or are not sensitive to, temporal variation may be required.

Background data sets were screened for statistically significant trends using the Mann-Kendall/Sen's slope test for trends in accordance with EPA guidance and the landfill's approved GWSAP. Well-parameter pairs that contain statistically significant trends in the background data set are identified in Table D.1. These well-parameter pairs are tested for compliance with the Mann-Kendall/Sen's slope test for trends. Should the data cease to exhibit a statistically significant trend as the result of future detection monitoring values, the well-parameter pair will be tested using an intrawell prediction limit during the following monitoring period.

Table D.1. Well-parameter pairs to be analyzed using Mann-Kendall/Sen's estimate of slope test.

Parameter	Well
Barium	MW-20
Beryllium	MW-10, MW-18, MW-19
Chloride	MW-17, MW-19
Cobalt	MW-19
Copper	MW-17
Selenium	MW-19
Sulfate	MW-19, MW-21
TDS	MW-19
Zinc	MW-17, MW-19, MW-20

Outliers in Background

EPA's Unified Guidance recommends that background data be screened for potential outliers. However, it also advises that outliers not be removed unless a source of error or reason for the discrepancy can be identified. As advised in the Unified Guidance, select removal of extreme outliers without knowledge of error may be warranted to improve environmental protection, but removal of all outliers can mask real and legitimate changes in background data. Some data have been flagged and excluded from statistical analysis because they are suspect values, data with independent evidence of error or statistical outliers. Excluded data are listed in Table D.2, with the reasons for their exclusion.

Table D.2. Flagged data in historical database due to suspect data or independent evidence of error.

Well ID	Date	Constituent	Value (mg/L)	Remarks
MW-1	10/27/1993	Barium	0.0100	Flagged as rejected because value is widely dissimilar to subsequent data from this well/parameter in the database.
MW-1	11/26/1996	Iron	2.70	Flagged as rejected because value is widely dissimilar to subsequent data from this well/parameter in the database.
MW-1	10/27/1993	Manganese	0.0160	Flagged as rejected because value is widely dissimilar to subsequent data from this well/parameter in the database.
MW-2	9/24/2013	Nickel	0.0180	Flagged as an outlier.
MW-3	10/27/1993	Arsenic	<0.0500	Flagged as rejected because value is widely dissimilar to subsequent data from this well/parameter in the database.
MW-3	6/11/2009	TOC	16.0	Flagged as an outlier.
MW-3	5/7/2012	TOC	19.0	Flagged as an outlier.
MW-4R2	2/9/2016	pH	8.5 su	Flagged as rejected because value is widely dissimilar to subsequent data from this well/parameter in the database.
MW-6	10/8/2012	Sulfate	48.0	Flagged as an outlier.
MW-11	3/9/2021	pH	7.1 su	Flagged as rejected due to suspected equipment malfunction.
MW-13	11/5/2015	Chloride	7.60	Flagged as an outlier.
MW-18	12/3/2019	Selenium	0.0220	Flagged as an outlier.
MW-21	5/18/2016	Barium	12.7	Flagged as rejected because value is widely dissimilar to subsequent data from this well/parameter in the database.
MW-24	5/19/2016	Dissolved Solids	<10.0	Flagged as an outlier.

Background Data Sets

Date Ranges

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Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Antimony (mg/l)

MW-1 background:3/24/2015-12/5/2019
MW-2 background:3/24/2015-12/5/2019
MW-3 background:9/16/2014-12/5/2019
MW-4R2 background:3/24/2015-12/5/2019
MW-5R background:3/24/2015-12/5/2019
MW-6 background:10/27/1993-12/5/2019
MW-10 background:4/2/2013-12/5/2019
MW-11 background:11/4/2015-12/5/2019
MW-12 background:11/4/2015-12/5/2019
MW-13 background:11/4/2015-12/5/2019
MW-14 background:11/4/2015-12/5/2019
MW-15R background:11/4/2015-12/5/2019
MW-16 background:11/4/2015-12/5/2019
MW-17 background:4/2/2013-12/5/2019
MW-18 background:4/2/2013-12/5/2019
MW-19 background:4/2/2013-12/5/2019
MW-20 background:4/2/2013-11/17/2017
MW-21 background:11/4/2015-12/5/2019
MW-22 background:11/4/2015-12/5/2019
MW-23 background:11/4/2015-12/5/2019
MW-24 background:11/4/2015-12/5/2019

Arsenic (mg/l)

MW-1 background:10/27/1993-6/11/2009
MW-2 background:4/26/2006-12/5/2019
MW-3 background:10/27/1993-12/5/2019
MW-4R2 background:10/27/1993-3/19/2014
MW-5R background:10/27/1993-12/5/2019
MW-6 background:4/26/2006-12/5/2019
MW-10 background:4/2/2013-12/5/2019
MW-11 background:11/4/2015-12/5/2019
MW-12 background:11/4/2015-12/5/2019
MW-13 background:11/4/2015-12/5/2019
MW-14 background:11/4/2015-12/5/2019
MW-15R background:11/4/2015-12/5/2019
MW-16 background:11/4/2015-12/5/2019
MW-17 background:4/2/2013-12/5/2019
MW-18 background:4/2/2013-12/5/2019
MW-19 background:4/2/2013-12/5/2019
MW-20 background:4/2/2013-11/17/2017
MW-21 background:11/4/2015-12/5/2019
MW-22 background:11/4/2015-12/5/2019
MW-23 background:11/4/2015-12/5/2019
MW-24 background:11/4/2015-12/5/2019

Barium (mg/l)

MW-1 background:10/27/1993-4/26/2001
MW-2 background:10/27/1993-4/13/2011
MW-3 background:10/27/1993-4/27/2005
MW-4R2 background:10/27/1993-12/5/2019
MW-5R background:10/27/1993-4/3/2013
MW-6 background:11/5/2003-12/5/2019
MW-10 background:4/2/2013-12/5/2019
MW-11 background:11/4/2015-11/16/2017
MW-12 background:11/4/2015-12/5/2019
MW-13 background:11/4/2015-12/5/2019
MW-14 background:11/4/2015-12/5/2019
MW-15R background:11/4/2015-12/5/2019
MW-16 background:11/4/2015-3/14/2018
MW-17 background:4/2/2013-12/5/2019
MW-18 background:4/2/2013-12/5/2019
MW-19 background:4/2/2013-12/5/2019
MW-20 background:4/2/2013-11/16/2017
MW-21 background:11/4/2015-12/5/2019

Date Ranges

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Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

MW-22 background:11/4/2015-12/5/2019
 MW-23 background:11/4/2015-12/5/2019
 MW-24 background:11/4/2015-12/5/2019
 Beryllium (mg/l)
 MW-1 background:11/4/2015-12/5/2019
 MW-2 background:11/4/2015-12/5/2019
 MW-3 background:11/4/2015-12/5/2019
 MW-4R2 background:11/4/2015-12/5/2019
 MW-5R background:11/4/2015-12/5/2019
 MW-6 background:11/4/2015-12/5/2019
 MW-10 background:11/4/2015-12/5/2019
 MW-11 background:11/4/2015-12/5/2019
 MW-12 background:11/4/2015-12/5/2019
 MW-13 background:11/4/2015-12/5/2019
 MW-14 background:11/4/2015-12/5/2019
 MW-15R background:11/4/2015-12/5/2019
 MW-16 background:11/4/2015-12/5/2019
 MW-17 background:11/4/2015-12/5/2019
 MW-18 background:9/21/2015-12/5/2019
 MW-19 background:11/4/2015-12/5/2019
 MW-20 background:4/2/2013-11/17/2017
 MW-21 background:11/4/2015-12/5/2019
 MW-22 background:11/4/2015-12/5/2019
 MW-23 background:11/4/2015-12/5/2019
 MW-24 background:11/4/2015-12/5/2019

Cadmium (mg/l)
 MW-1 background:9/16/2014-12/5/2019
 MW-2 background:9/16/2014-12/5/2019
 MW-3 background:9/16/2014-12/5/2019
 MW-4R2 background:9/16/2014-12/5/2019
 MW-5R background:10/27/1993-12/5/2019
 MW-6 background:10/27/1993-12/5/2019
 MW-10 background:4/2/2013-12/5/2019
 MW-11 background:11/4/2015-12/5/2019
 MW-12 background:11/4/2015-12/5/2019
 MW-13 background:11/4/2015-12/5/2019
 MW-14 background:11/4/2015-12/5/2019
 MW-15R background:11/4/2015-12/5/2019
 MW-16 background:11/4/2015-12/5/2019
 MW-17 background:4/2/2013-12/5/2019
 MW-18 background:4/2/2013-12/5/2019
 MW-19 background:4/2/2013-12/5/2019
 MW-20 background:4/2/2013-11/16/2017
 MW-21 background:11/4/2015-12/5/2019
 MW-22 background:11/4/2015-12/5/2019
 MW-23 background:11/4/2015-12/5/2019
 MW-24 background:11/4/2015-12/5/2019

Chloride (mg/l)
 MW-1 background:10/27/1993-3/14/2018
 MW-2 background:10/27/1993-3/14/2018
 MW-3 background:10/27/1993-10/22/1999
 MW-4R2 background:10/27/1993-3/14/2018
 MW-5R background:10/27/1993-4/13/2011
 MW-6 background:10/27/1993-4/3/2013
 MW-10 background:4/2/2013-11/16/2017
 MW-11 background:11/4/2015-12/5/2019
 MW-12 background:11/4/2015-12/5/2019
 MW-13 background:11/4/2015-12/5/2019
 MW-14 background:11/4/2015-12/5/2019
 MW-15R background:11/4/2015-12/5/2019
 MW-16 background:11/4/2015-12/5/2019
 MW-17 background:4/2/2013-11/16/2017
 MW-18 background:4/2/2013-12/5/2019

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Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

MW-19 background:4/2/2013-11/16/2017
MW-20 background:4/2/2013-11/16/2017
MW-21 background:11/4/2015-11/16/2017
MW-22 background:11/4/2015-12/5/2019
MW-23 background:11/4/2015-12/5/2019
MW-24 background:11/4/2015-11/16/2017

Chromium (mg/l)

MW-1 background:4/13/2010-12/5/2019
MW-2 background:4/13/2010-12/5/2019
MW-3 background:4/13/2010-12/5/2019
MW-4R2 background:10/27/1993-12/5/2019
MW-5R background:4/13/2010-12/5/2019
MW-6 background:4/13/2010-12/5/2019
MW-10 background:4/2/2013-12/5/2019
MW-11 background:11/4/2015-12/5/2019
MW-12 background:11/4/2015-12/5/2019
MW-13 background:11/4/2015-12/5/2019
MW-14 background:11/4/2015-12/5/2019
MW-15R background:11/4/2015-12/5/2019
MW-16 background:11/4/2015-12/5/2019
MW-17 background:4/2/2013-12/5/2019
MW-18 background:4/2/2013-12/5/2019
MW-19 background:4/2/2013-12/5/2019
MW-20 background:4/2/2013-11/16/2017
MW-21 background:11/4/2015-12/5/2019
MW-22 background:11/4/2015-12/5/2019
MW-23 background:11/4/2015-12/5/2019
MW-24 background:11/4/2015-12/5/2019

Cobalt (mg/l)

MW-1 background:11/4/2015-12/5/2019
MW-2 background:11/4/2015-12/5/2019
MW-3 background:11/4/2015-12/5/2019
MW-4R2 background:11/4/2015-12/5/2019
MW-5R background:11/4/2015-12/5/2019
MW-6 background:11/4/2015-12/5/2019
MW-10 background:11/4/2015-12/5/2019
MW-11 background:11/4/2015-12/5/2019
MW-12 background:11/4/2015-12/5/2019
MW-13 background:11/4/2015-12/5/2019
MW-14 background:11/4/2015-12/5/2019
MW-15R background:11/4/2015-12/5/2019
MW-16 background:11/4/2015-12/5/2019
MW-17 background:11/4/2015-12/5/2019
MW-18 background:9/21/2015-12/5/2019
MW-19 background:11/4/2015-12/5/2019
MW-20 background:4/2/2013-11/16/2017
MW-21 background:11/4/2015-12/5/2019
MW-22 background:11/4/2015-12/5/2019
MW-23 background:11/4/2015-12/5/2019
MW-24 background:11/4/2015-12/5/2019

Copper (mg/l)

MW-1 background:4/11/2007-12/5/2019
MW-2 background:4/11/2007-12/5/2019
MW-3 background:4/11/2007-12/5/2019
MW-4R2 background:9/16/2014-12/5/2019
MW-5R background:10/27/1993-12/5/2019
MW-6 background:4/11/2007-12/5/2019
MW-10 background:4/2/2013-12/5/2019
MW-11 background:11/4/2015-12/5/2019
MW-12 background:11/4/2015-12/5/2019
MW-13 background:11/4/2015-12/5/2019
MW-14 background:11/4/2015-12/5/2019
MW-15R background:11/4/2015-12/5/2019

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Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

MW-16 background:11/4/2015-12/5/2019
MW-17 background:4/2/2013-12/5/2019
MW-18 background:4/2/2013-12/5/2019
MW-19 background:4/2/2013-12/5/2019
MW-20 background:4/2/2013-11/16/2017
MW-21 background:11/4/2015-12/5/2019
MW-22 background:11/4/2015-12/5/2019
MW-23 background:11/4/2015-12/5/2019
MW-24 background:11/4/2015-12/5/2019

Dissolved Solids (mg/l)

MW-1 background:10/27/1993-10/12/2000
MW-2 background:10/27/1993-12/5/2019
MW-3 background:10/27/1993-4/10/2002
MW-4R2 background:10/27/1993-12/5/2019
MW-5R background:10/27/1993-11/6/2015
MW-6 background:10/27/1993-11/6/2015
MW-10 background:4/2/2013-11/16/2017
MW-11 background:11/4/2015-12/5/2019
MW-12 background:11/4/2015-12/5/2019
MW-13 background:11/4/2015-12/5/2019
MW-14 background:11/4/2015-12/5/2019
MW-15R background:11/4/2015-12/5/2019
MW-16 background:11/4/2015-12/5/2019
MW-17 background:4/2/2013-12/5/2019
MW-18 background:4/2/2013-12/5/2019
MW-19 background:4/2/2013-11/16/2017
MW-20 background:4/2/2013-11/16/2017
MW-21 background:11/4/2015-12/5/2019
MW-22 background:11/4/2015-12/5/2019
MW-23 background:11/4/2015-12/5/2019
MW-24 background:11/4/2015-12/5/2019

Iron (mg/l)

MW-1 background:10/27/1993-4/3/2013
MW-2 background:10/27/1993-3/14/2018
MW-3 background:10/27/1993-4/26/2006
MW-4R2 background:6/11/2009-12/5/2019
MW-5R background:10/27/1993-4/3/2013
MW-6 background:6/11/2009-12/5/2019
MW-10 background:4/2/2013-12/5/2019
MW-11 background:11/4/2015-12/5/2019
MW-12 background:11/4/2015-12/5/2019
MW-13 background:11/4/2015-12/5/2019
MW-14 background:11/4/2015-12/5/2019
MW-15R background:11/4/2015-12/5/2019
MW-16 background:11/4/2015-12/5/2019
MW-17 background:4/2/2013-12/5/2019
MW-18 background:4/2/2013-12/5/2019
MW-19 background:4/2/2013-12/5/2019
MW-20 background:4/2/2013-11/16/2017
MW-21 background:11/4/2015-12/5/2019
MW-22 background:11/4/2015-12/5/2019
MW-23 background:11/4/2015-12/5/2019
MW-24 background:11/4/2015-12/5/2019

Lead (mg/l)

MW-1 background:10/27/1993-12/5/2019
MW-2 background:10/27/1993-12/5/2019
MW-3 background:10/27/1993-12/5/2019
MW-4R2 background:10/27/1993-12/5/2019
MW-5R background:10/27/1993-12/5/2019
MW-6 background:10/27/1993-12/5/2019
MW-10 background:4/2/2013-12/5/2019
MW-11 background:11/4/2015-12/5/2019
MW-12 background:11/4/2015-12/5/2019

Date Ranges

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Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

MW-13 background:11/4/2015-12/5/2019
 MW-14 background:11/4/2015-12/5/2019
 MW-15R background:11/4/2015-12/5/2019
 MW-16 background:11/4/2015-12/5/2019
 MW-17 background:4/2/2013-12/5/2019
 MW-18 background:4/2/2013-12/5/2019
 MW-19 background:4/2/2013-12/5/2019
 MW-20 background:4/2/2013-11/16/2017
 MW-21 background:11/4/2015-12/5/2019
 MW-22 background:11/4/2015-12/5/2019
 MW-23 background:11/4/2015-12/5/2019
 MW-24 background:11/4/2015-12/5/2019

Manganese (mg/l)

MW-1 background:4/1/1999-3/14/2018
 MW-2 background:10/27/1993-12/5/2019
 MW-3 background:10/27/1993-12/5/2019
 MW-4R2 background:6/11/2009-12/5/2019
 MW-5R background:11/5/2003-3/14/2018
 MW-6 background:10/27/1993-12/5/2019
 MW-10 background:4/2/2013-12/5/2019
 MW-11 background:11/4/2015-11/16/2017
 MW-12 background:11/4/2015-12/5/2019
 MW-13 background:11/4/2015-12/5/2019
 MW-14 background:11/4/2015-12/5/2019
 MW-15R background:11/4/2015-12/5/2019
 MW-16 background:11/4/2015-12/5/2019
 MW-17 background:4/2/2013-12/5/2019
 MW-18 background:4/2/2013-12/5/2019
 MW-19 background:4/2/2013-11/16/2017
 MW-20 background:4/2/2013-11/16/2017
 MW-21 background:11/4/2015-12/5/2019
 MW-22 background:11/4/2015-12/5/2019
 MW-23 background:11/4/2015-12/5/2019
 MW-24 background:11/4/2015-12/5/2019

Nickel (mg/l)

MW-1 background:4/13/2010-12/5/2019
 MW-2 background:4/13/2010-12/5/2019
 MW-3 background:4/13/2010-3/14/2018
 MW-4R2 background:4/13/2010-12/5/2019
 MW-5R background:4/13/2010-12/5/2019
 MW-6 background:10/27/1993-12/5/2019
 MW-10 background:4/2/2013-12/5/2019
 MW-11 background:11/4/2015-12/5/2019
 MW-12 background:11/4/2015-12/5/2019
 MW-13 background:11/4/2015-12/5/2019
 MW-14 background:11/4/2015-12/5/2019
 MW-15R background:11/4/2015-12/5/2019
 MW-16 background:11/4/2015-12/5/2019
 MW-17 background:4/2/2013-12/5/2019
 MW-18 background:4/2/2013-12/5/2019
 MW-19 background:4/2/2013-12/5/2019
 MW-20 background:4/2/2013-11/16/2017
 MW-21 background:11/4/2015-12/5/2019
 MW-22 background:11/4/2015-12/5/2019
 MW-23 background:11/4/2015-12/5/2019
 MW-24 background:11/4/2015-12/5/2019

pH (SU)

MW-1 background:10/27/1993-12/5/2019
 MW-2 background:10/27/1993-12/5/2019
 MW-3 background:10/27/1993-12/5/2019
 MW-4R2 background:6/11/2009-12/5/2019
 MW-5R background:11/5/2003-12/5/2019
 MW-6 background:11/5/2003-12/5/2019

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Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

MW-10 background:4/2/2013-12/5/2019
 MW-11 background:11/4/2015-12/5/2019
 MW-12 background:11/4/2015-12/5/2019
 MW-13 background:11/4/2015-12/5/2019
 MW-14 background:11/4/2015-12/5/2019
 MW-15R background:11/4/2015-12/5/2019
 MW-16 background:11/4/2015-12/5/2019
 MW-17 background:4/2/2013-12/5/2019
 MW-18 background:4/2/2013-12/5/2019
 MW-19 background:4/2/2013-12/5/2019
 MW-20 background:4/2/2013-11/16/2017
 MW-21 background:11/4/2015-12/5/2019
 MW-22 background:11/4/2015-12/5/2019
 MW-23 background:11/4/2015-12/5/2019
 MW-24 background:11/4/2015-12/5/2019

Selenium (mg/l)

MW-1 background:9/16/2014-12/5/2019
 MW-2 background:3/24/2015-12/5/2019
 MW-3 background:3/24/2015-12/5/2019
 MW-4R2 background:3/24/2015-12/5/2019
 MW-5R background:10/27/1993-12/5/2019
 MW-6 background:10/27/1993-12/5/2019
 MW-10 background:4/2/2013-12/5/2019
 MW-11 background:11/4/2015-12/5/2019
 MW-12 background:11/4/2015-12/5/2019
 MW-13 background:11/4/2015-12/5/2019
 MW-14 background:11/4/2015-12/5/2019
 MW-15R background:11/4/2015-12/5/2019
 MW-16 background:11/4/2015-12/5/2019
 MW-17 background:4/2/2013-12/5/2019
 MW-18 background:4/2/2013-12/5/2019
 MW-19 background:4/2/2013-12/5/2019
 MW-20 background:4/2/2013-11/16/2017
 MW-21 background:11/4/2015-12/5/2019
 MW-22 background:11/4/2015-12/5/2019
 MW-23 background:11/4/2015-12/5/2019
 MW-24 background:11/4/2015-12/5/2019

Silver (mg/l)

MW-1 background:11/4/2015-12/5/2019
 MW-2 background:11/4/2015-12/5/2019
 MW-3 background:11/4/2015-12/5/2019
 MW-4R2 background:11/4/2015-12/5/2019
 MW-5R background:11/4/2015-12/5/2019
 MW-6 background:11/4/2015-12/5/2019
 MW-10 background:11/4/2015-12/5/2019
 MW-11 background:11/4/2015-12/5/2019
 MW-12 background:11/4/2015-12/5/2019
 MW-13 background:11/4/2015-12/5/2019
 MW-14 background:11/4/2015-12/5/2019
 MW-15R background:11/4/2015-12/5/2019
 MW-16 background:11/4/2015-12/5/2019
 MW-17 background:11/4/2015-12/5/2019
 MW-18 background:9/21/2015-12/5/2019
 MW-19 background:11/4/2015-12/5/2019
 MW-20 background:4/2/2013-11/16/2017
 MW-21 background:11/4/2015-12/5/2019
 MW-22 background:11/4/2015-12/5/2019
 MW-23 background:11/4/2015-12/5/2019
 MW-24 background:11/4/2015-12/5/2019

Sulfate (mg/l)

MW-1 background:10/27/1993-12/5/2019
 MW-2 background:10/27/1993-10/9/2008
 MW-3 background:10/27/1993-4/13/2011

Date Ranges

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Date: 6/9/2021 1:31 PM

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

MW-4R2 background:3/19/2013-12/5/2019
 MW-5R background:10/27/1993-4/3/2013
 MW-6 background:12/6/2011-12/5/2019
 MW-10 background:4/2/2013-11/16/2017
 MW-11 background:11/4/2015-12/5/2019
 MW-12 background:11/4/2015-12/5/2019
 MW-13 background:11/4/2015-12/5/2019
 MW-14 background:11/4/2015-12/5/2019
 MW-15R background:11/4/2015-12/5/2019
 MW-16 background:11/4/2015-12/5/2019
 MW-17 background:4/2/2013-11/16/2017
 MW-18 background:4/2/2013-12/5/2019
 MW-19 background:4/2/2013-11/16/2017
 MW-20 background:4/2/2013-11/16/2017
 MW-21 background:11/4/2015-11/16/2017
 MW-22 background:11/4/2015-12/5/2019
 MW-23 background:11/4/2015-11/16/2017
 MW-24 background:11/4/2015-12/5/2019

Thallium (mg/l)

MW-1 background:9/16/2014-12/5/2019
 MW-2 background:9/16/2014-12/5/2019
 MW-3 background:9/16/2014-12/5/2019
 MW-4R2 background:9/16/2014-12/5/2019
 MW-5R background:9/16/2014-12/5/2019
 MW-6 background:9/16/2014-12/5/2019
 MW-10 background:4/2/2013-12/5/2019
 MW-11 background:11/4/2015-12/5/2019
 MW-12 background:11/4/2015-12/5/2019
 MW-13 background:11/4/2015-12/5/2019
 MW-14 background:11/4/2015-12/5/2019
 MW-15R background:11/4/2015-12/5/2019
 MW-16 background:11/4/2015-12/5/2019
 MW-17 background:4/2/2013-12/5/2019
 MW-18 background:4/2/2013-12/5/2019
 MW-19 background:4/2/2013-12/5/2019
 MW-20 background:4/2/2013-11/16/2017
 MW-21 background:11/4/2015-12/5/2019
 MW-22 background:11/4/2015-12/5/2019
 MW-23 background:11/4/2015-12/5/2019
 MW-24 background:11/4/2015-12/5/2019

TOC [Total Organic Carbon] (mg/l)

MW-1 background:10/27/1993-3/14/2018
 MW-2 background:10/27/1993-12/5/2019
 MW-3 background:10/27/1993-12/5/2019
 MW-4R2 background:6/11/2009-12/5/2019
 MW-5R background:11/5/2003-12/5/2019
 MW-6 background:10/27/1993-4/3/2013
 MW-10 background:4/2/2013-12/5/2019
 MW-11 background:11/4/2015-12/5/2019
 MW-12 background:11/4/2015-12/5/2019
 MW-13 background:11/4/2015-12/5/2019
 MW-14 background:11/4/2015-12/5/2019
 MW-15R background:11/4/2015-12/5/2019
 MW-16 background:11/4/2015-12/5/2019
 MW-17 background:4/2/2013-12/5/2019
 MW-18 background:4/2/2013-12/5/2019
 MW-19 background:4/2/2013-12/5/2019
 MW-20 background:4/2/2013-11/16/2017
 MW-21 background:11/4/2015-12/5/2019
 MW-22 background:11/4/2015-12/5/2019
 MW-23 background:11/4/2015-12/5/2019
 MW-24 background:11/4/2015-12/5/2019

Vanadium (mg/l)

Date Ranges

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Date: 6/9/2021 1:31 PM

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

MW-1 background:11/4/2015-12/5/2019
MW-2 background:11/4/2015-12/5/2019
MW-3 background:11/4/2015-12/5/2019
MW-4R2 background:11/4/2015-12/5/2019
MW-5R background:11/4/2015-12/5/2019
MW-6 background:11/4/2015-12/5/2019
MW-10 background:11/4/2015-12/5/2019
MW-11 background:11/4/2015-12/5/2019
MW-12 background:11/4/2015-12/5/2019
MW-13 background:11/4/2015-12/5/2019
MW-14 background:11/4/2015-12/5/2019
MW-15R background:11/4/2015-12/5/2019
MW-16 background:11/4/2015-12/5/2019
MW-17 background:11/4/2015-12/5/2019
MW-18 background:9/21/2015-12/5/2019
MW-19 background:11/4/2015-12/5/2019
MW-20 background:4/2/2013-11/16/2017
MW-21 background:11/4/2015-12/5/2019
MW-22 background:11/4/2015-12/5/2019
MW-23 background:11/4/2015-12/5/2019
MW-24 background:11/4/2015-12/5/2019

Zinc (mg/l)

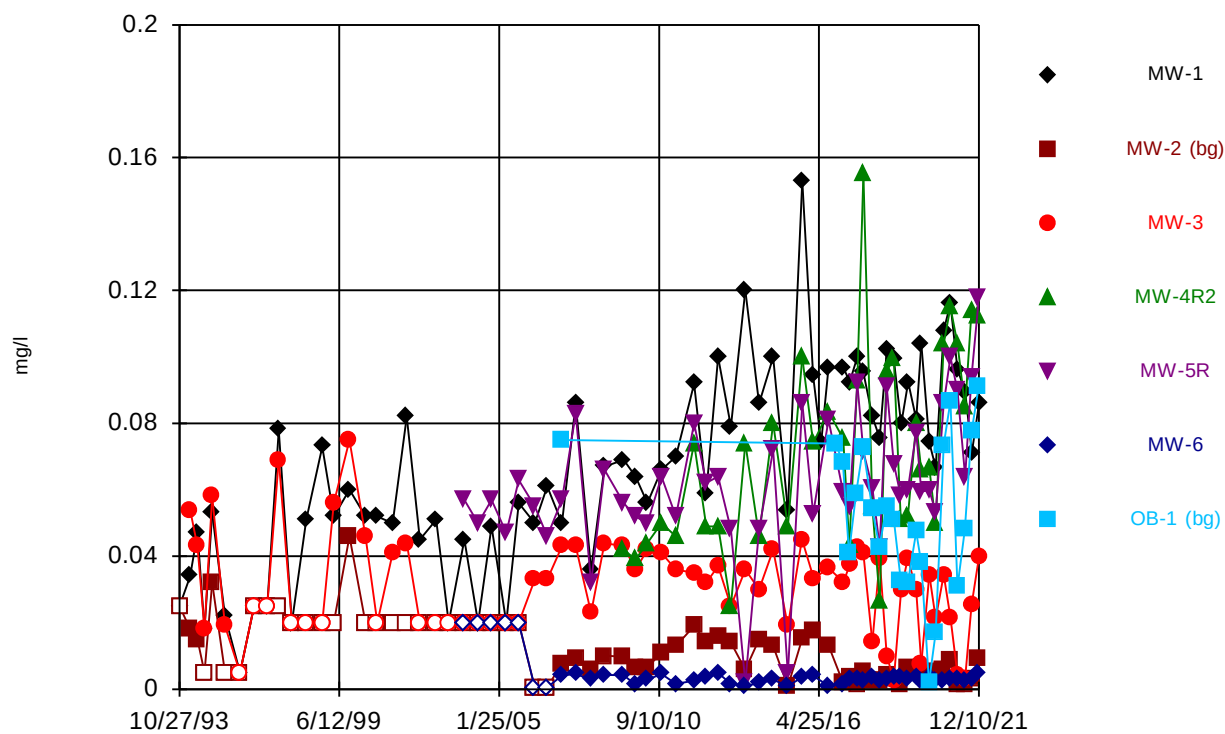
MW-1 background:11/4/2015-12/5/2019
MW-2 background:11/4/2015-12/5/2019
MW-3 background:11/4/2015-12/5/2019
MW-4R2 background:11/4/2015-12/5/2019
MW-5R background:11/4/2015-12/5/2019
MW-6 background:11/4/2015-12/5/2019
MW-10 background:11/4/2015-12/5/2019
MW-11 background:11/4/2015-12/5/2019
MW-12 background:11/4/2015-12/5/2019
MW-13 background:11/4/2015-12/5/2019
MW-14 background:11/4/2015-12/5/2019
MW-15R background:11/4/2015-12/5/2019
MW-16 background:11/4/2015-12/5/2019
MW-17 background:11/4/2015-12/5/2019
MW-18 background:9/21/2015-12/5/2019
MW-19 background:11/4/2015-12/5/2019
MW-20 background:10/27/1993-12/5/2019
MW-21 background:11/4/2015-12/5/2019
MW-22 background:11/4/2015-12/5/2019
MW-23 background:11/4/2015-12/5/2019
MW-24 background:11/4/2015-12/5/2019

APPENDIX E

Distributional Plots

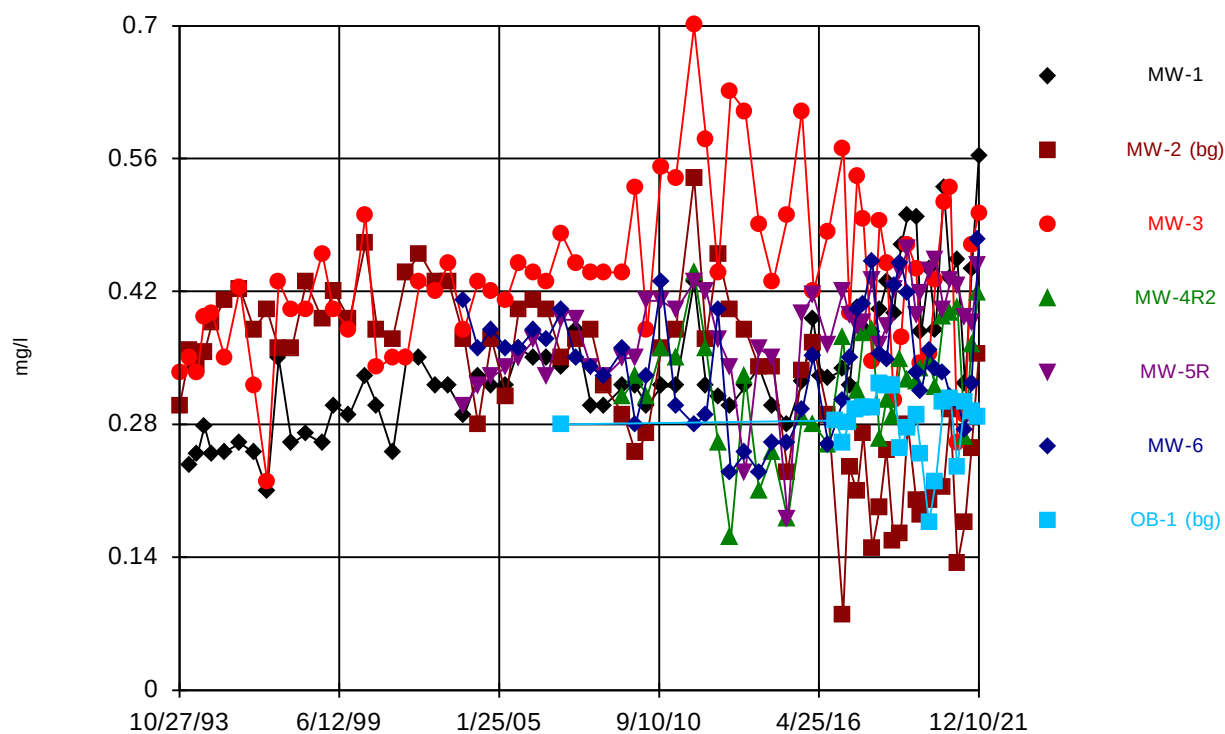
Time-Series Plots, Phase 1 Wells

Time Series



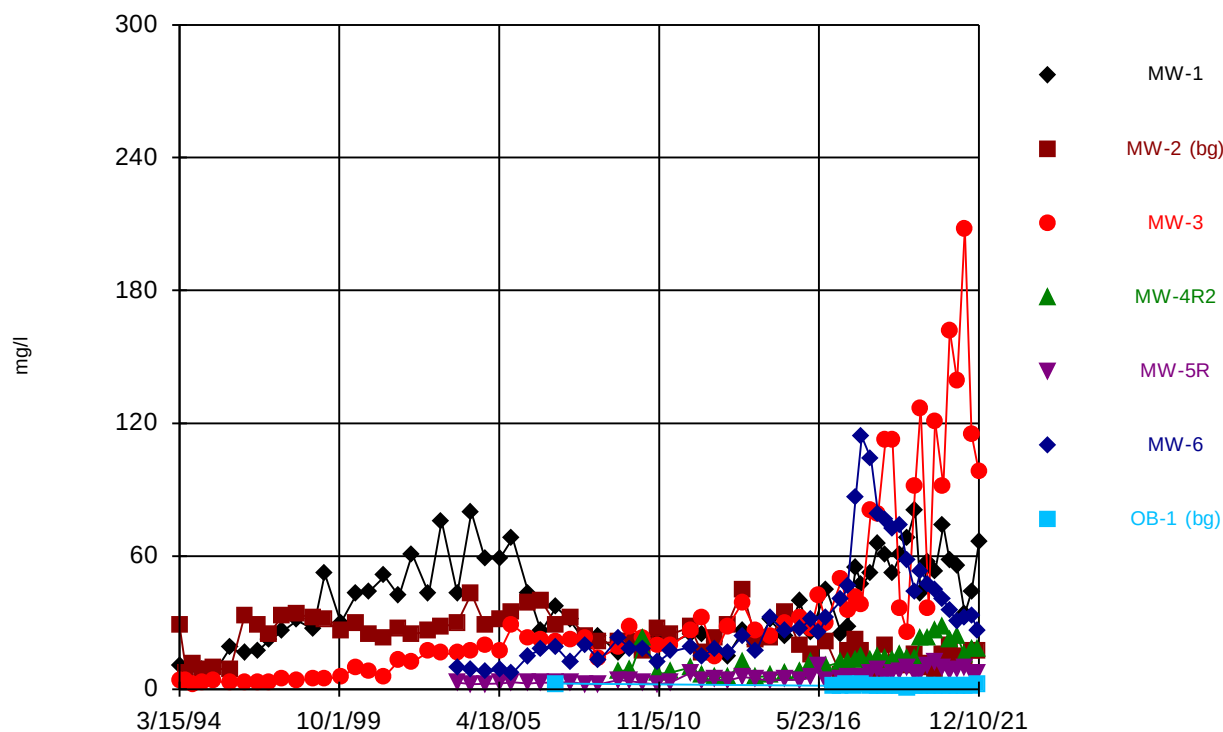
Constituent: Arsenic Analysis Run 2/14/2022 12:12 PM View: Phase 1 Time Series
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Time Series



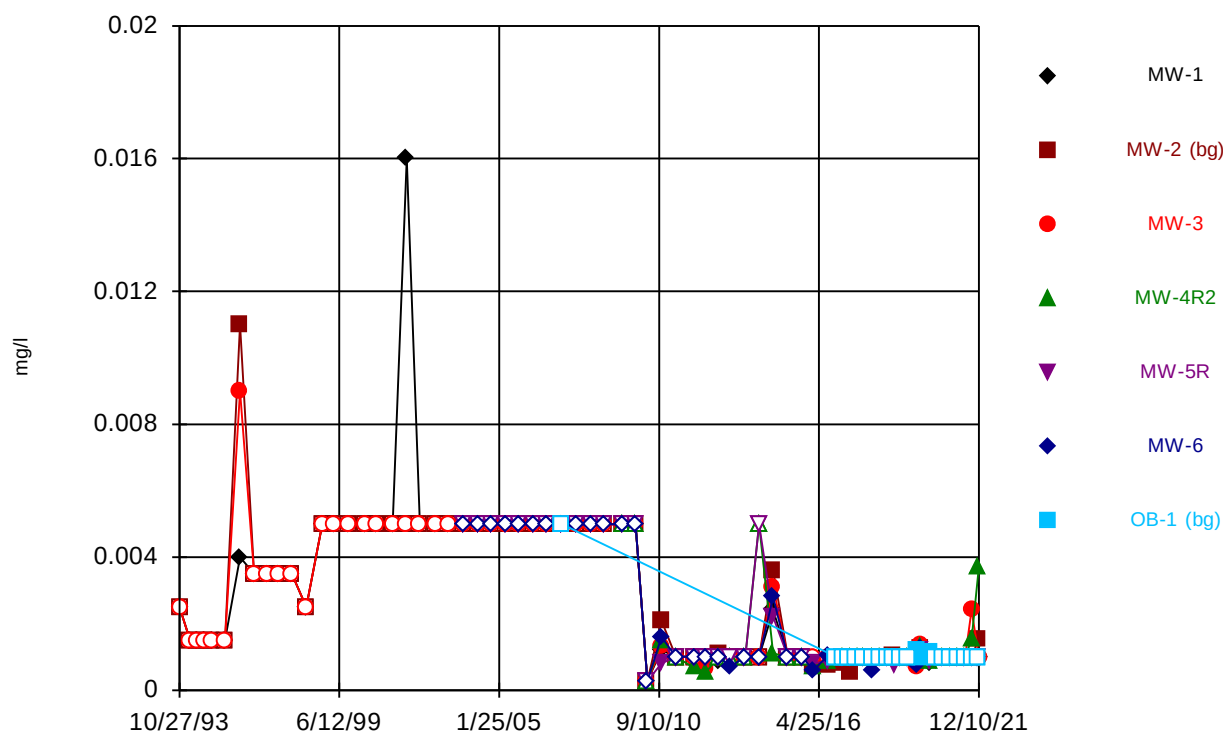
Constituent: Barium Analysis Run 2/14/2022 12:13 PM View: Phase 1 Time Series
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Time Series



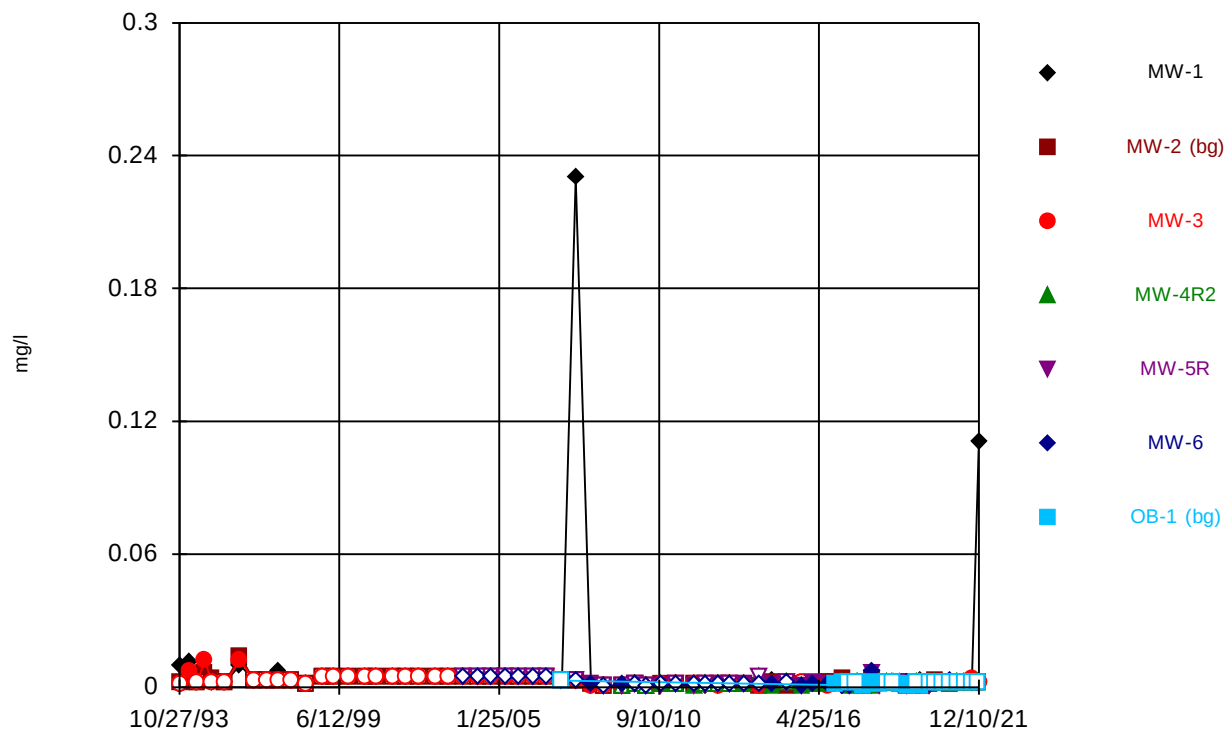
Constituent: Chloride Analysis Run 2/14/2022 12:13 PM View: Phase 1 Time Series
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Time Series



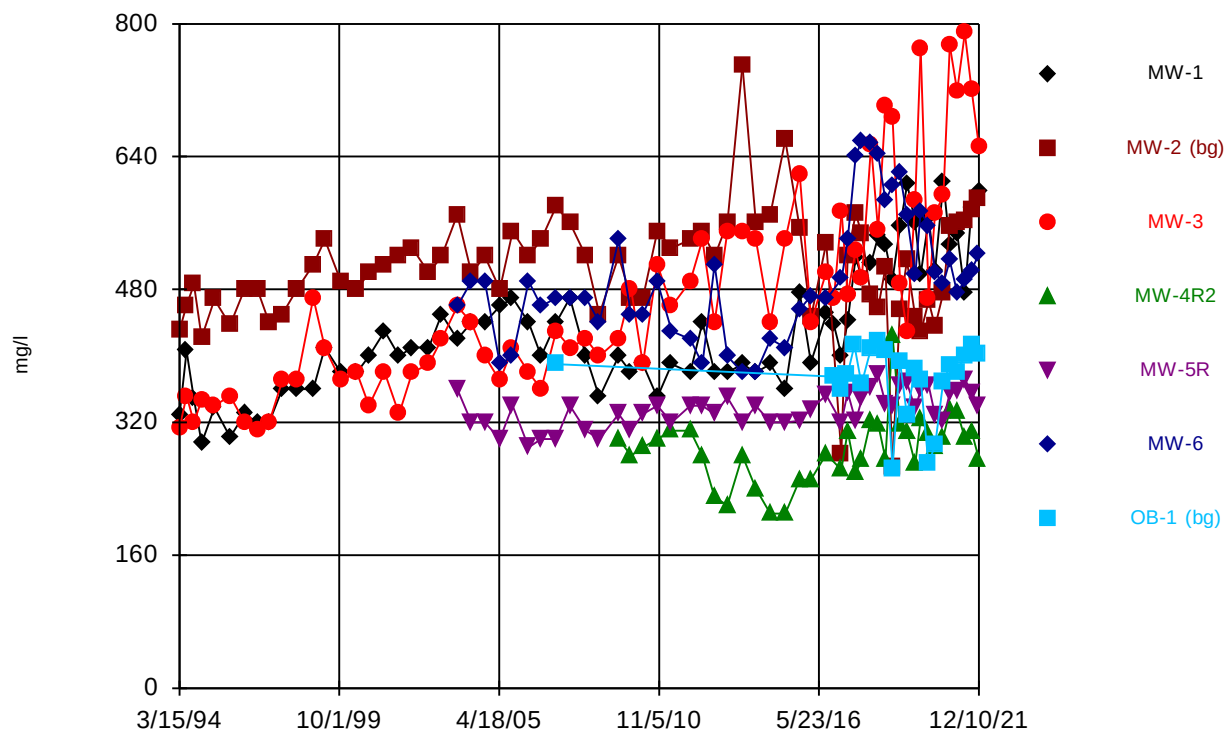
Constituent: Chromium Analysis Run 2/14/2022 12:13 PM View: Phase 1 Time Series
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Time Series



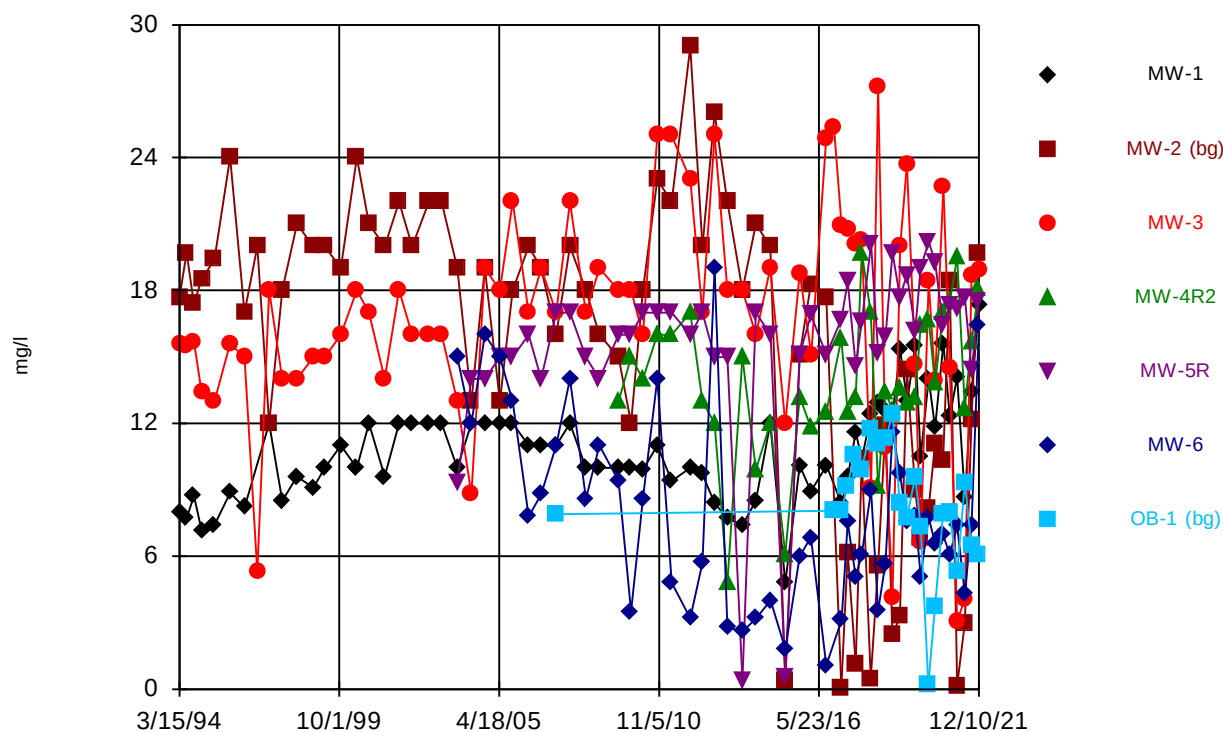
Constituent: Copper Analysis Run 2/14/2022 12:13 PM View: Phase 1 Time Series
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Time Series



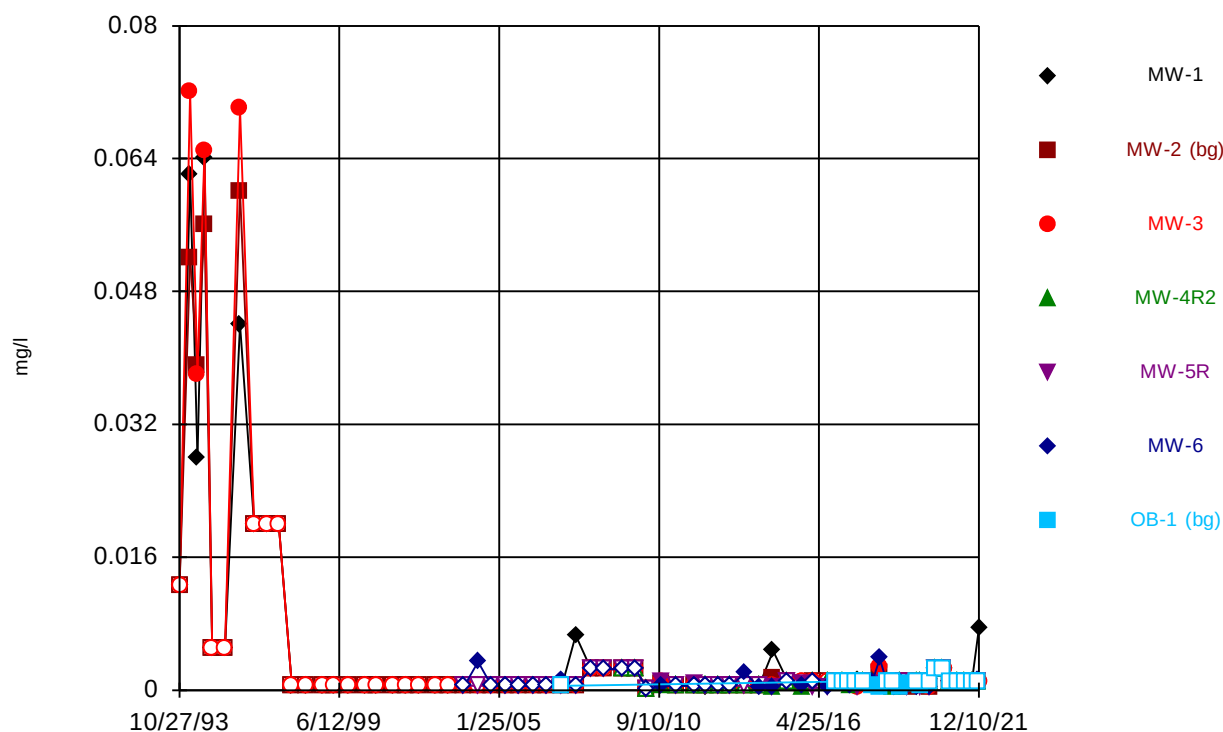
Constituent: Dissolved Solids Analysis Run 2/14/2022 12:13 PM View: Phase 1 Time Series
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Time Series



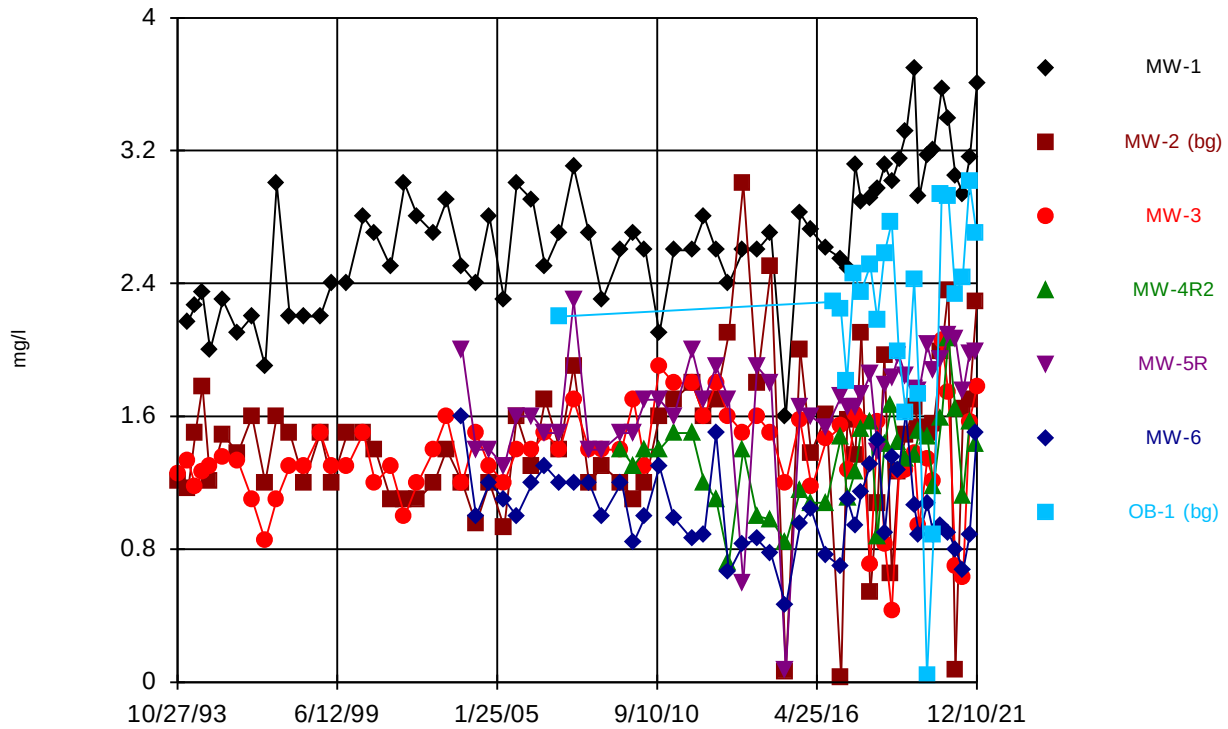
Constituent: Iron Analysis Run 2/14/2022 12:13 PM View: Phase 1 Time Series
 Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Time Series



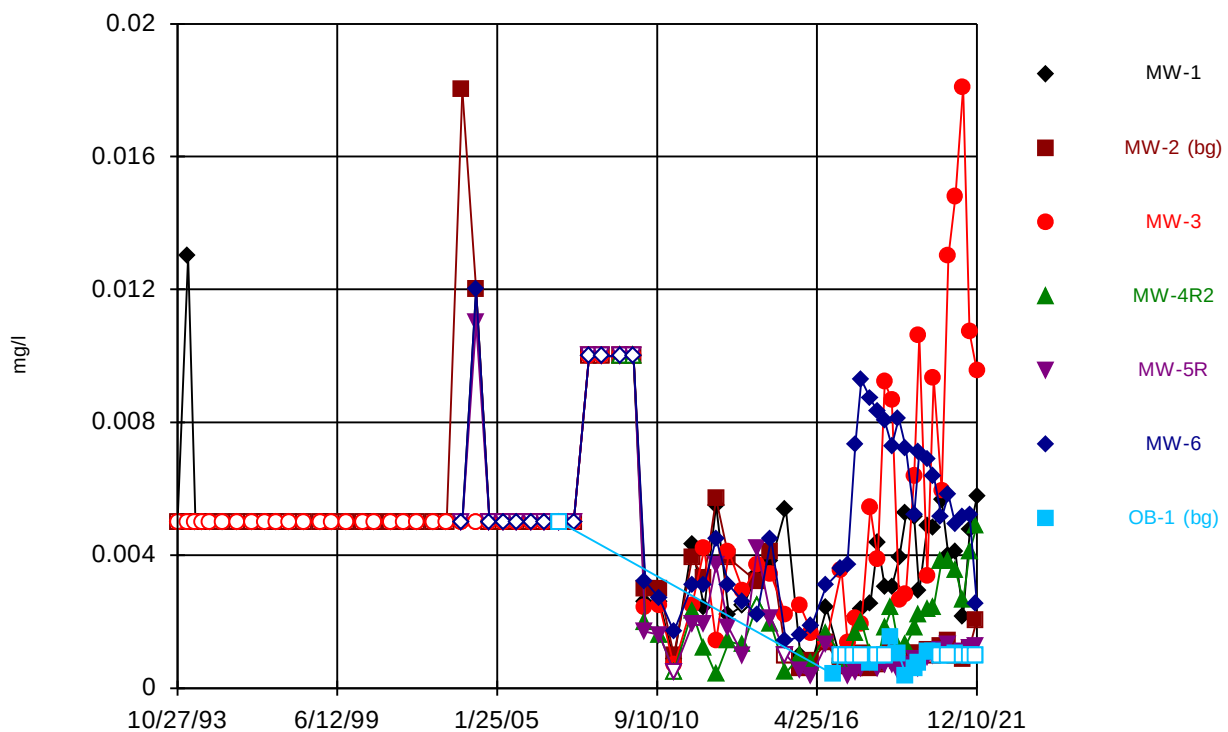
Constituent: Lead Analysis Run 2/14/2022 12:13 PM View: Phase 1 Time Series
 Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Time Series



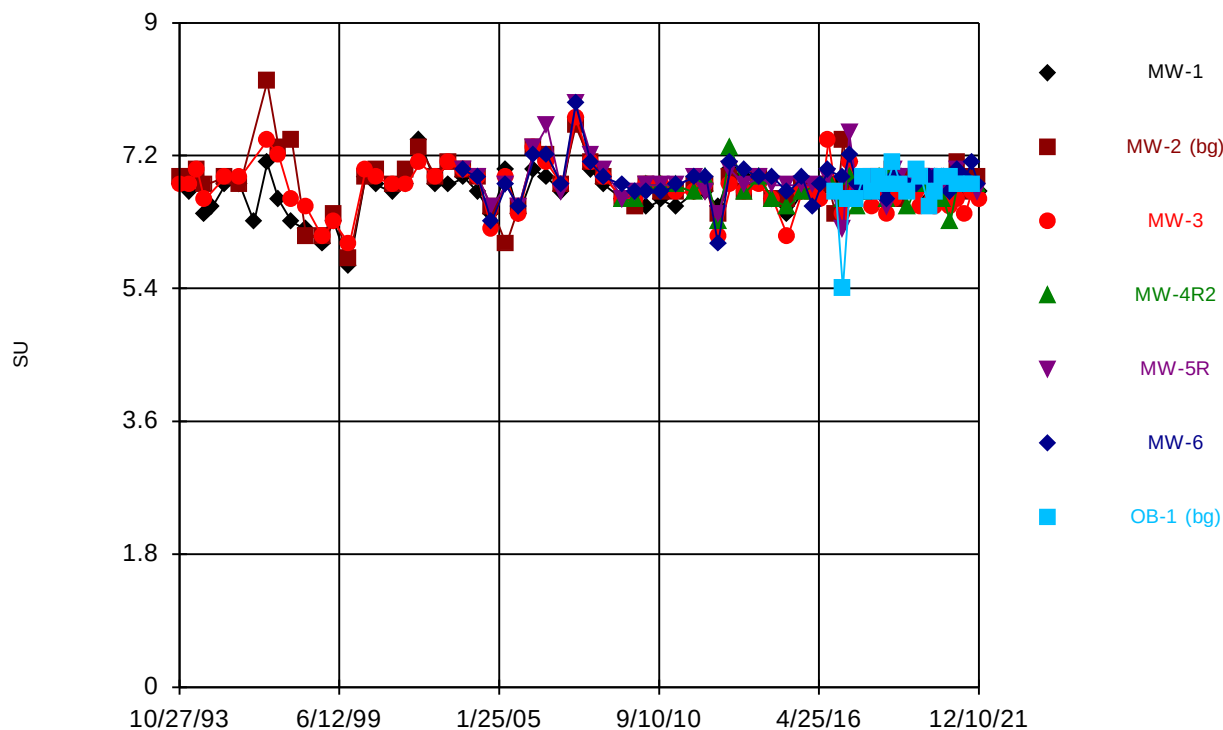
Constituent: Manganese Analysis Run 2/14/2022 12:13 PM View: Phase 1 Time Series
 Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Time Series



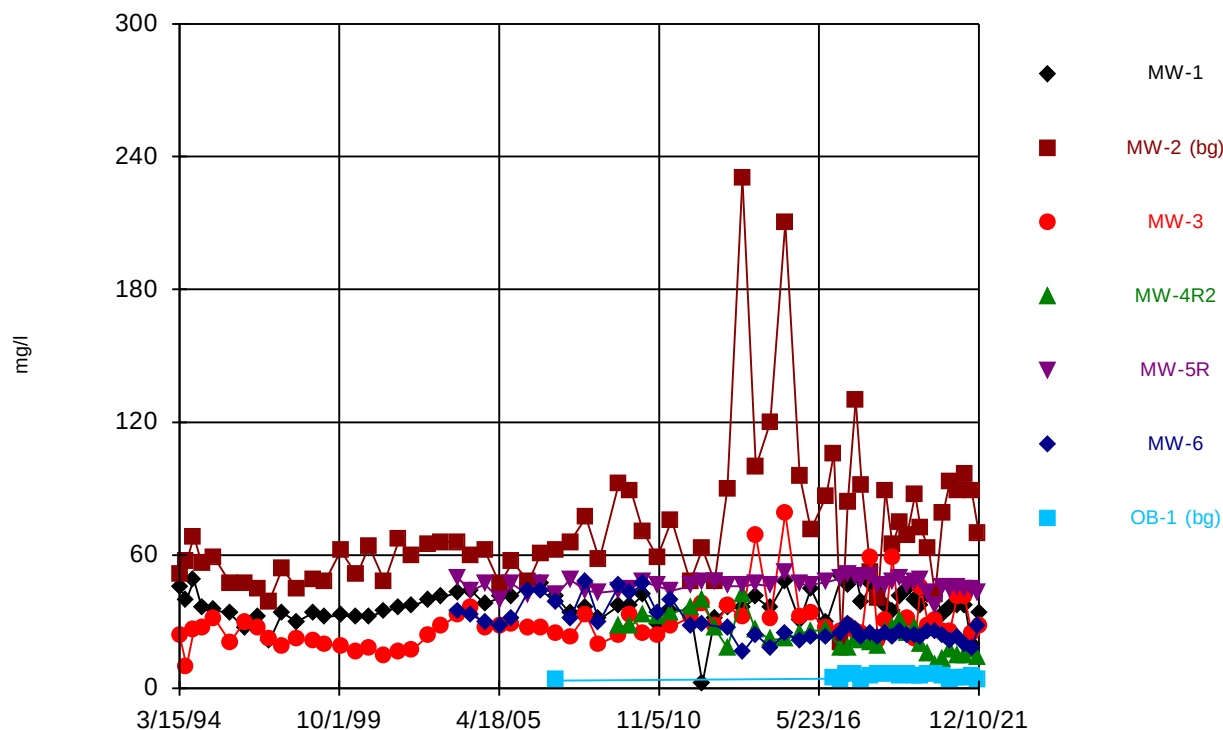
Constituent: Nickel Analysis Run 2/14/2022 12:13 PM View: Phase 1 Time Series
 Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Time Series



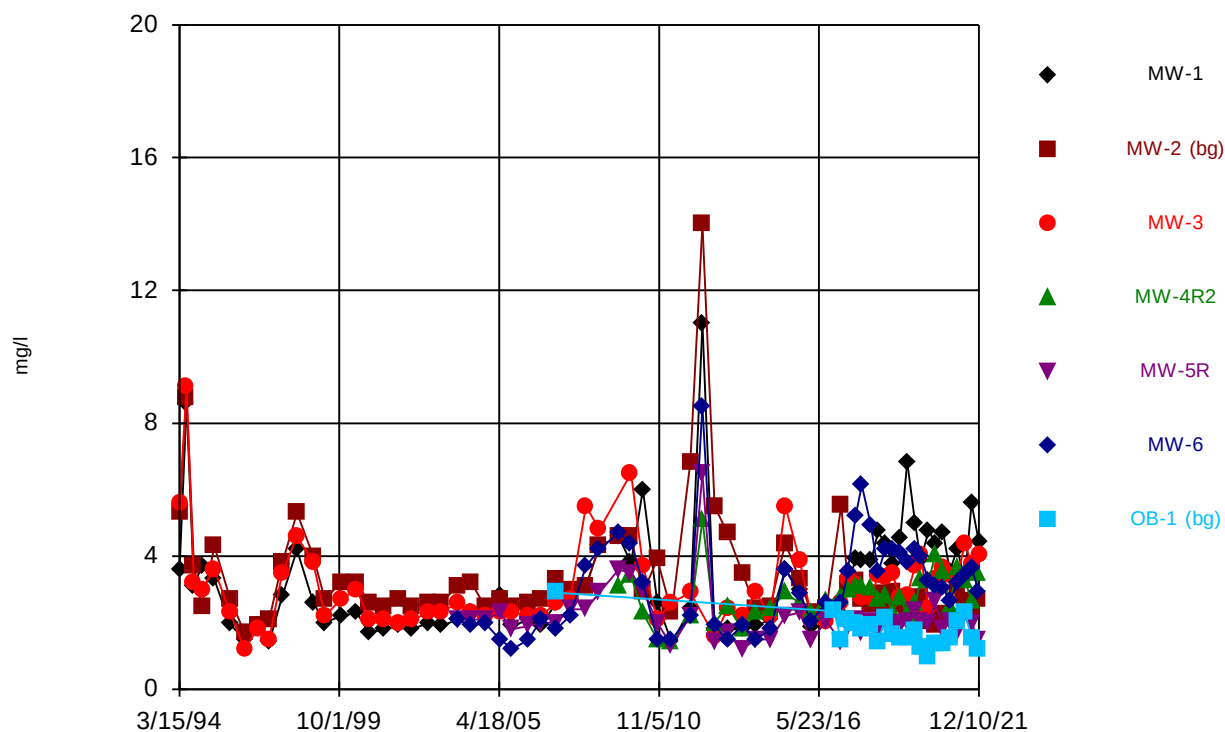
Constituent: pH Analysis Run 2/14/2022 12:13 PM View: Phase 1 Time Series
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Time Series



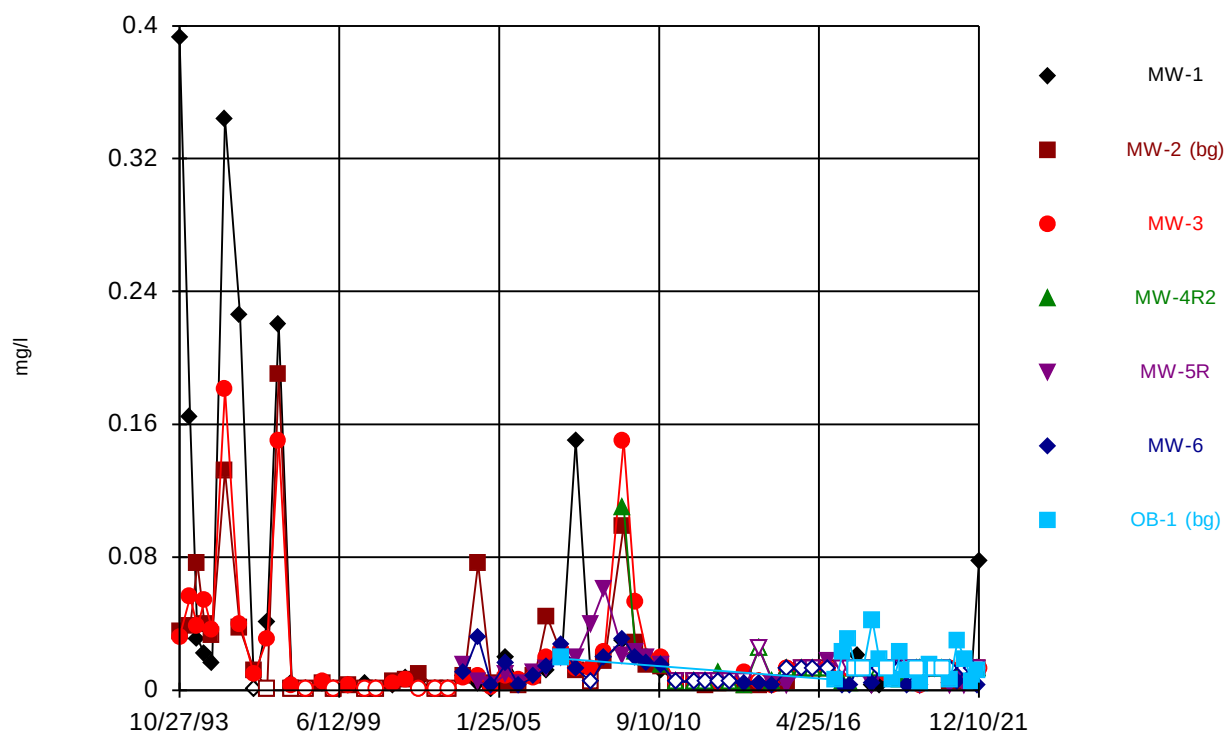
Constituent: Sulfate Analysis Run 2/14/2022 12:13 PM View: Phase 1 Time Series
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Time Series



Constituent: TOC [Total Organic Carbon] Analysis Run 2/14/2022 12:13 PM View: Phase 1 Time Series
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

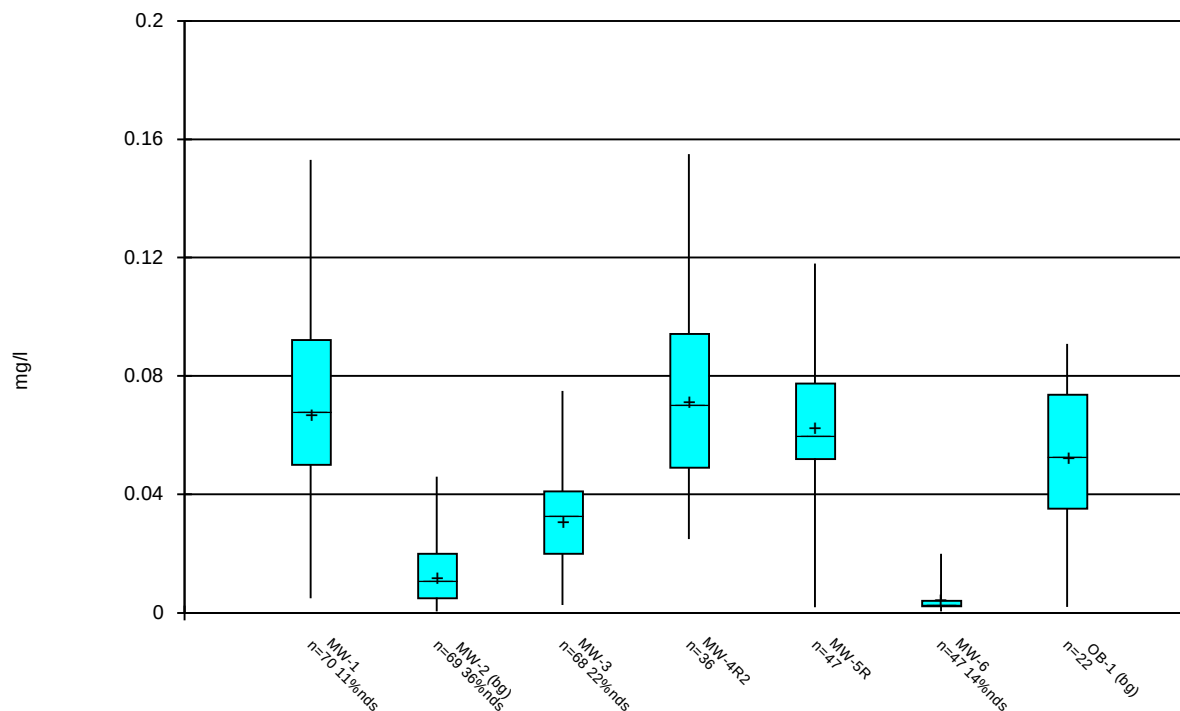
Time Series



Constituent: Zinc Analysis Run 2/14/2022 12:13 PM View: Phase 1 Time Series
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

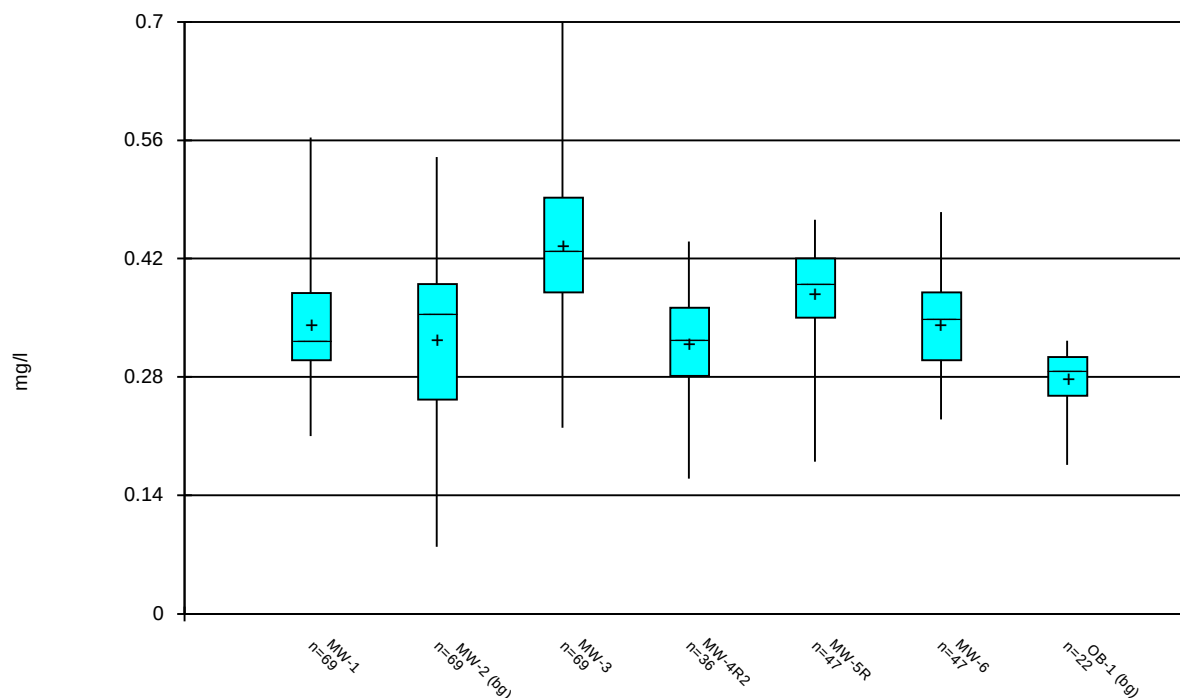
Box-and-Whisker Plots, Phase 1 Wells

Box & Whiskers Plot



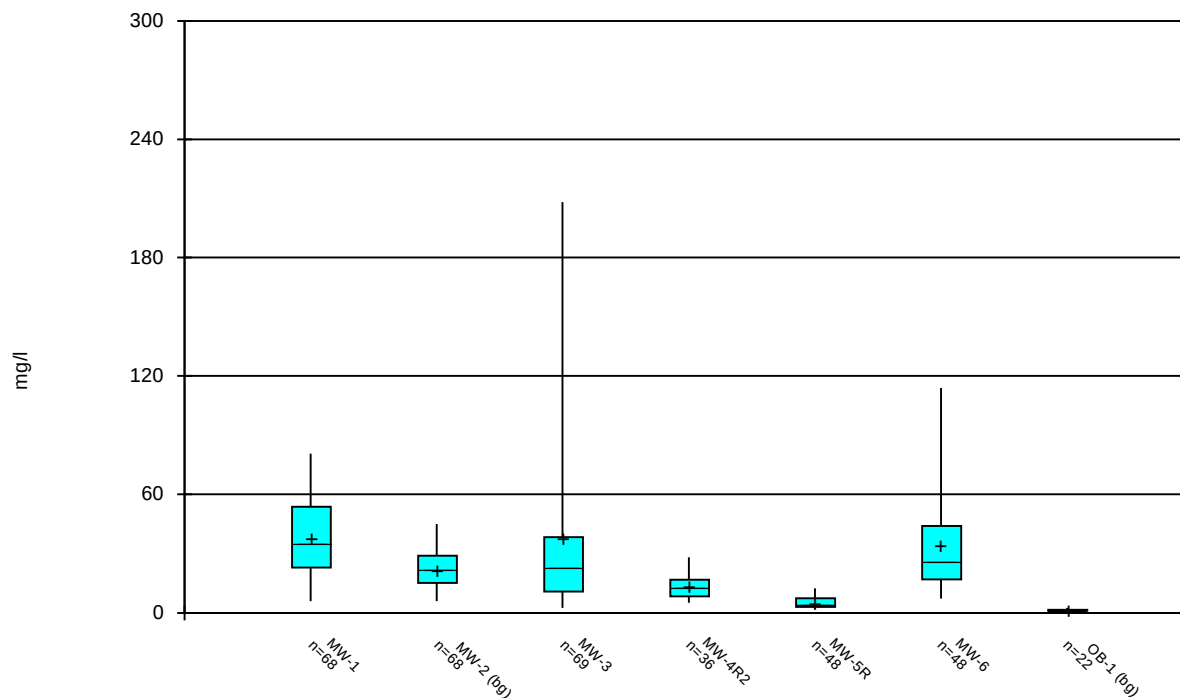
Constituent: Arsenic Analysis Run 2/14/2022 11:28 AM View: Phase 1 Box & Whiskers Plots
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Box & Whiskers Plot



Constituent: Barium Analysis Run 2/14/2022 11:28 AM View: Phase 1 Box & Whiskers Plots
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

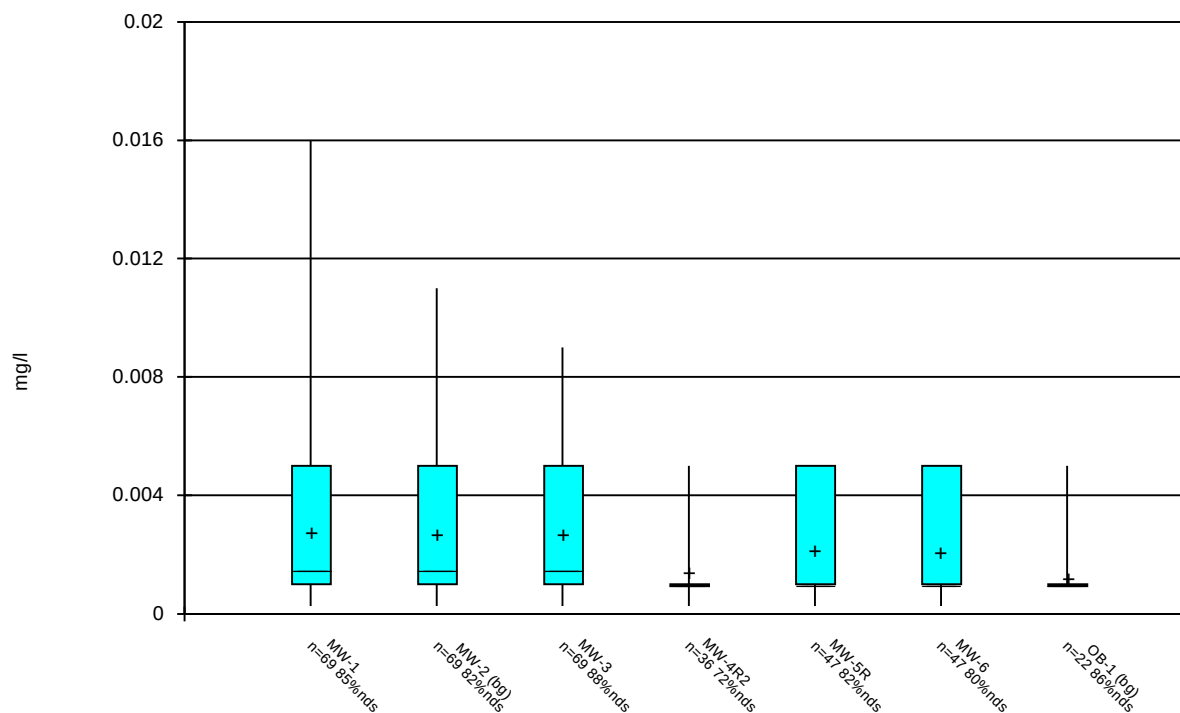
Box & Whiskers Plot



Constituent: Chloride Analysis Run 2/14/2022 11:28 AM View: Phase 1 Box & Whiskers Plots

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

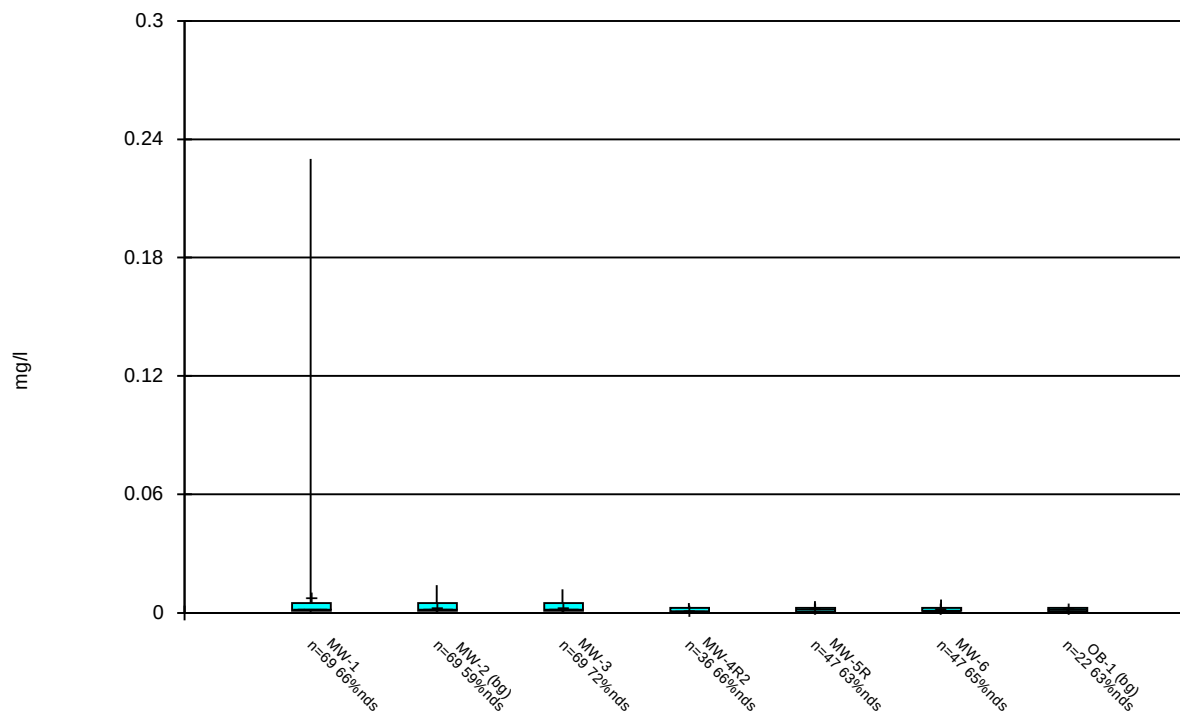
Box & Whiskers Plot



Constituent: Chromium Analysis Run 2/14/2022 11:28 AM View: Phase 1 Box & Whiskers Plots

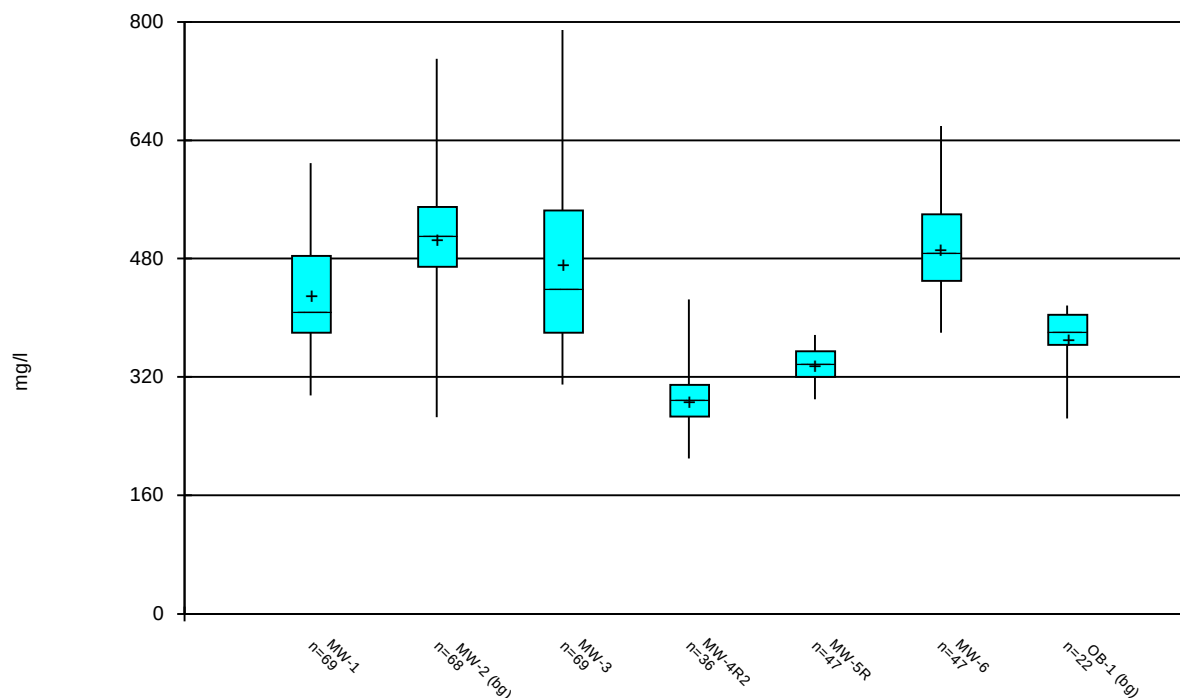
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Box & Whiskers Plot



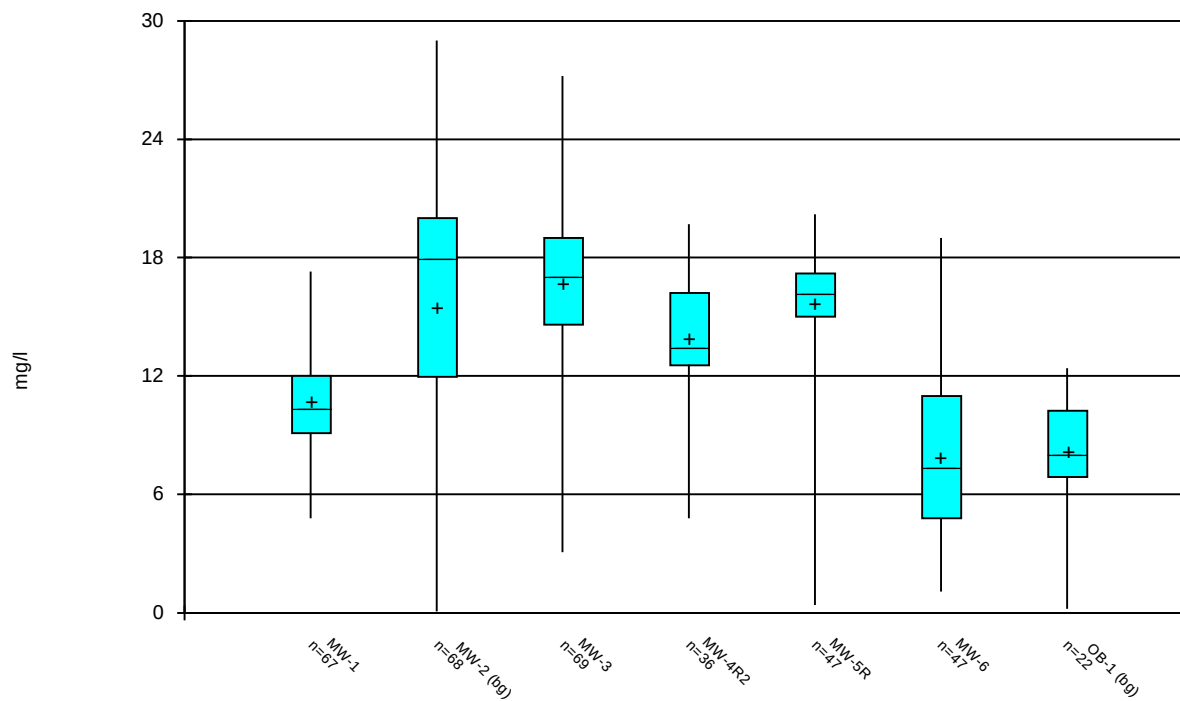
Constituent: Copper Analysis Run 2/14/2022 11:28 AM View: Phase 1 Box & Whiskers Plots
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Box & Whiskers Plot



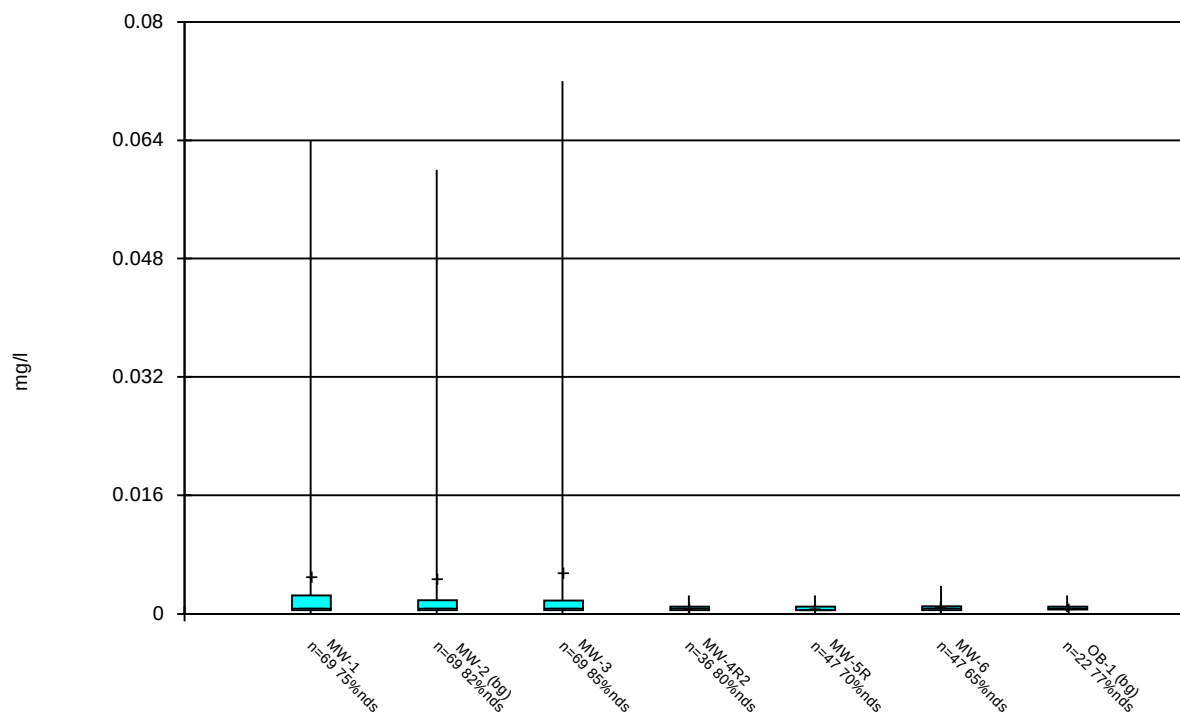
Constituent: Dissolved Solids Analysis Run 2/14/2022 11:28 AM View: Phase 1 Box & Whiskers Plots
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Box & Whiskers Plot



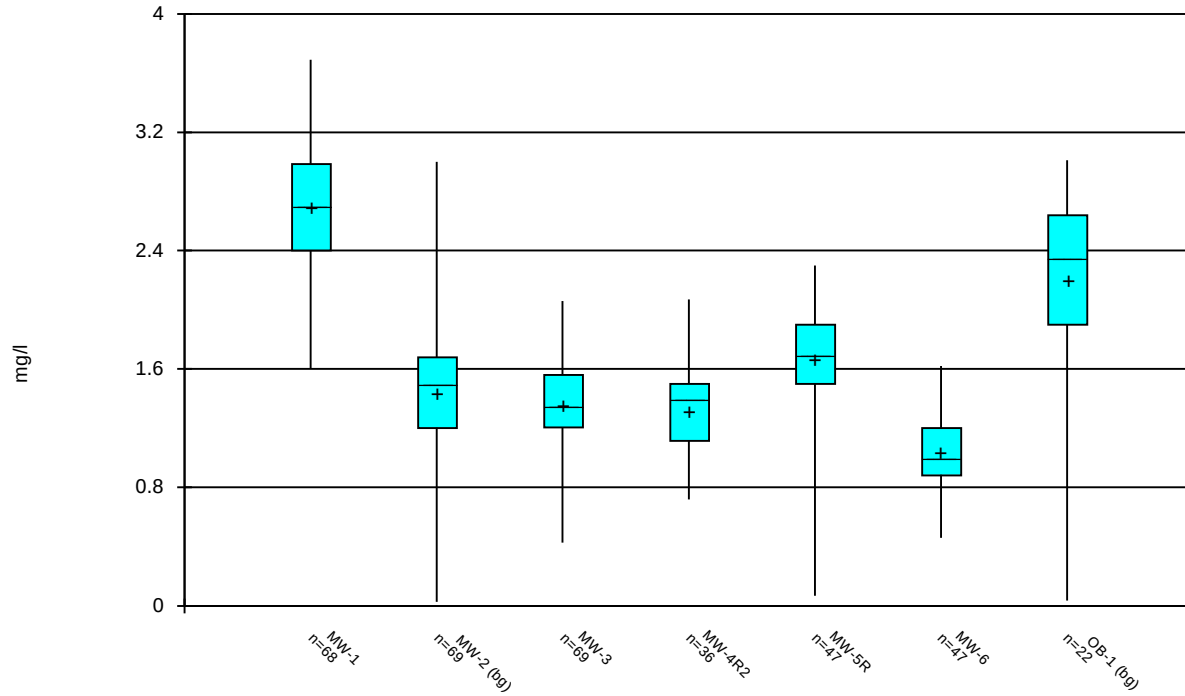
Constituent: Iron Analysis Run 2/14/2022 11:28 AM View: Phase 1 Box & Whiskers Plots
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Box & Whiskers Plot



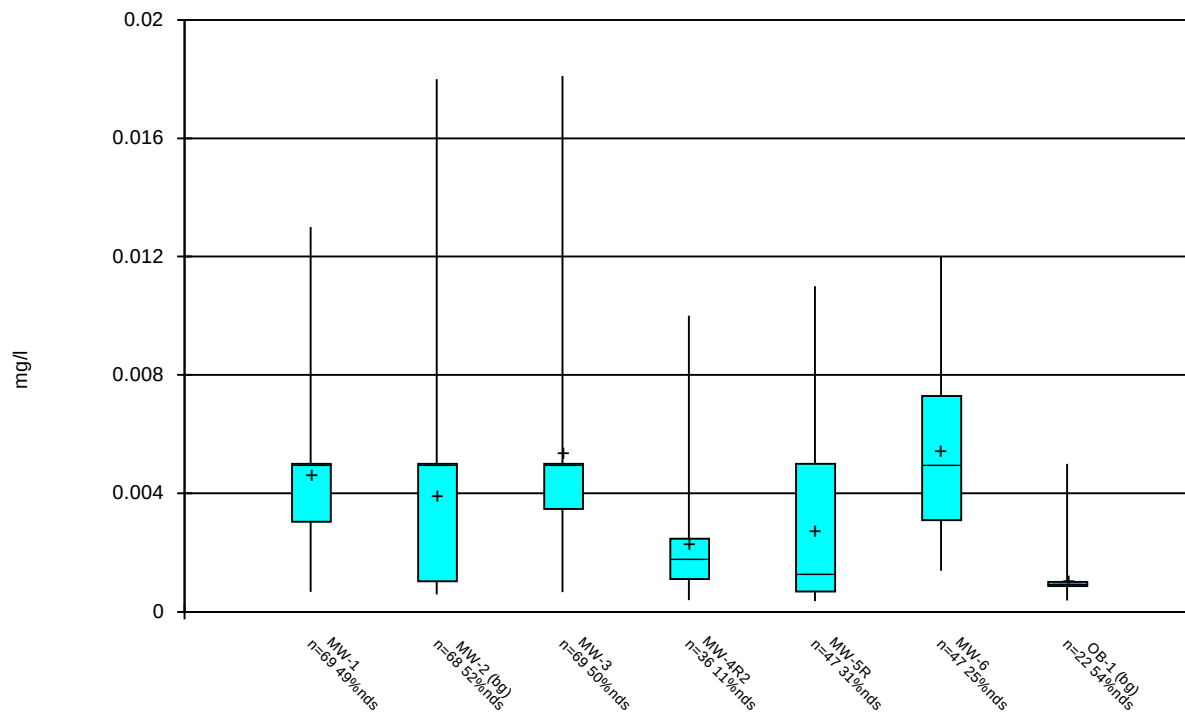
Constituent: Lead Analysis Run 2/14/2022 11:28 AM View: Phase 1 Box & Whiskers Plots
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Box & Whiskers Plot



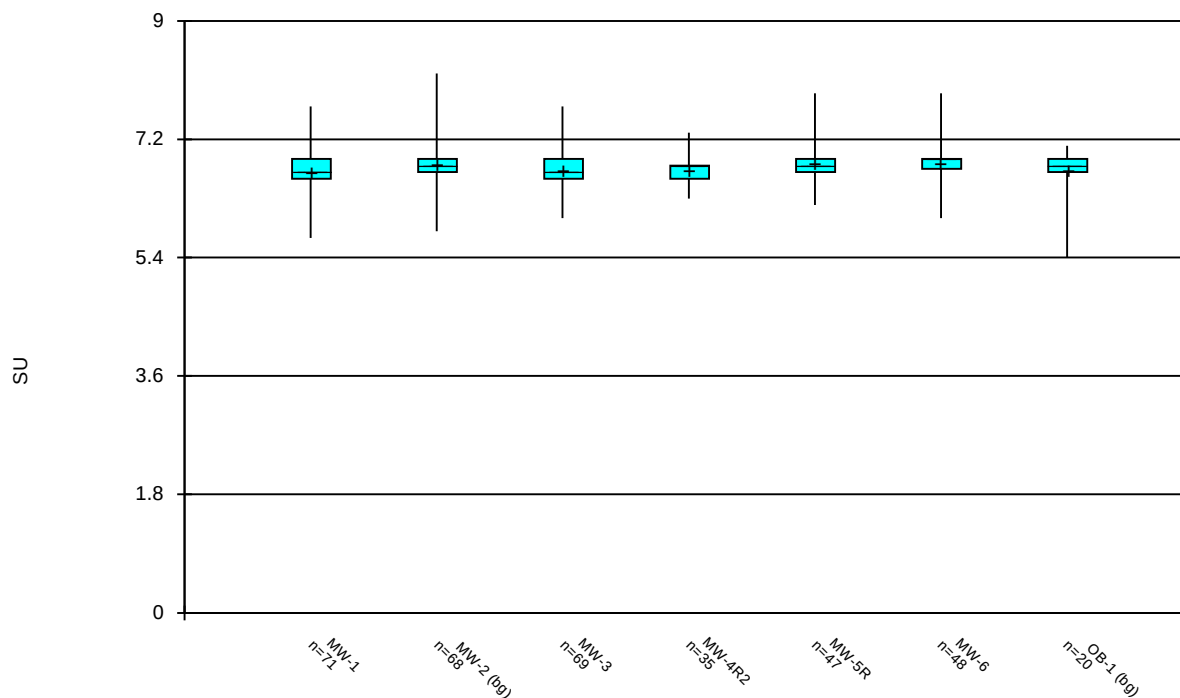
Constituent: Manganese Analysis Run 2/14/2022 11:28 AM View: Phase 1 Box & Whiskers Plots
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Box & Whiskers Plot



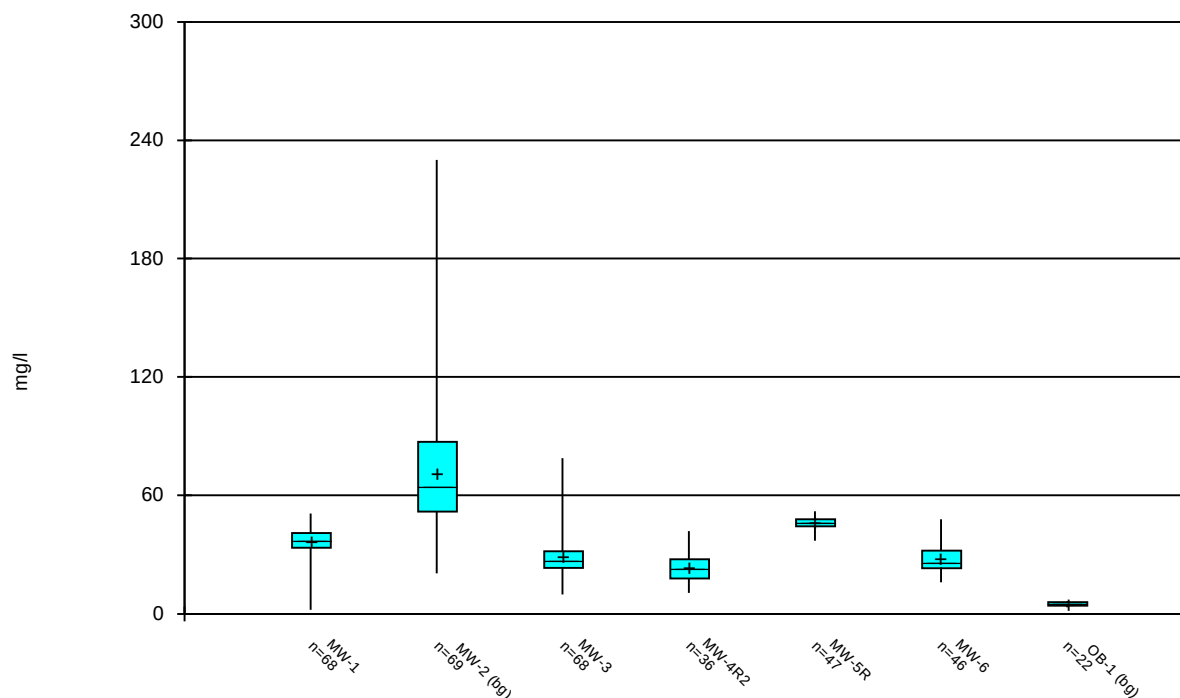
Constituent: Nickel Analysis Run 2/14/2022 11:28 AM View: Phase 1 Box & Whiskers Plots
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Box & Whiskers Plot



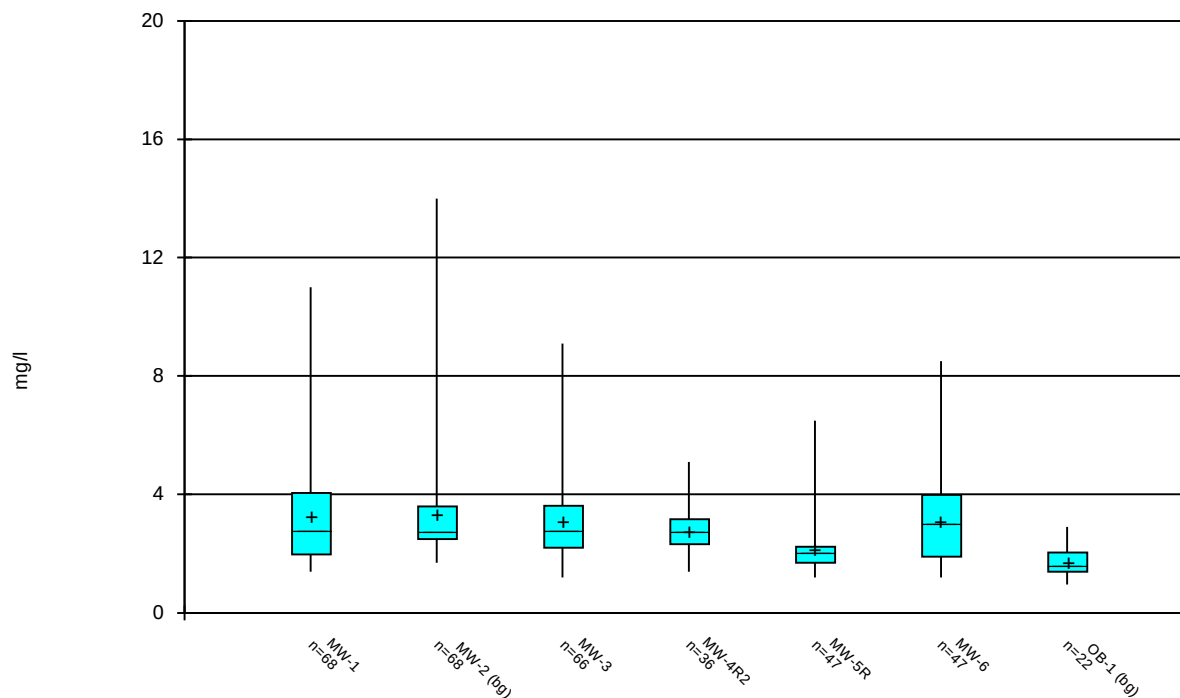
Constituent: pH Analysis Run 2/14/2022 11:28 AM View: Phase 1 Box & Whiskers Plots
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Box & Whiskers Plot



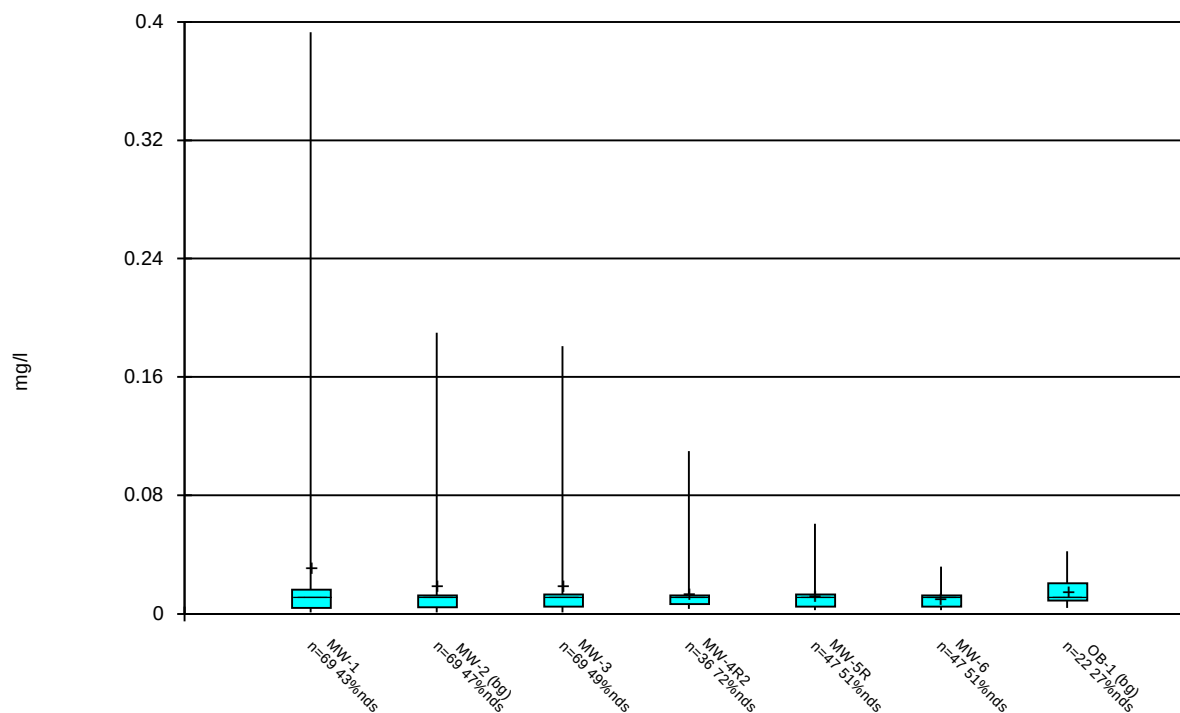
Constituent: Sulfate Analysis Run 2/14/2022 11:28 AM View: Phase 1 Box & Whiskers Plots
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Box & Whiskers Plot



Constituent: TOC [Total Organic Carbon] Analysis Run 2/14/2022 11:28 AM View: Phase 1 Box & Whisker
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

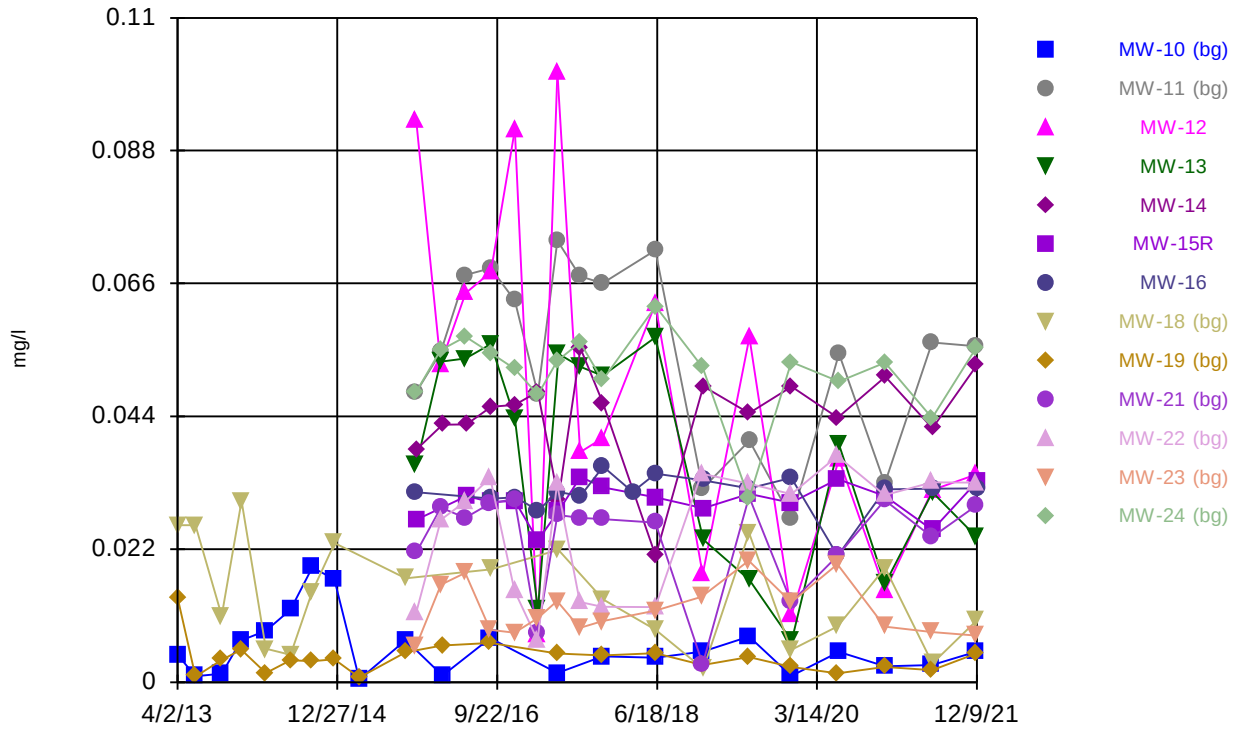
Box & Whiskers Plot



Constituent: Zinc Analysis Run 2/14/2022 11:28 AM View: Phase 1 Box & Whiskers Plots
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

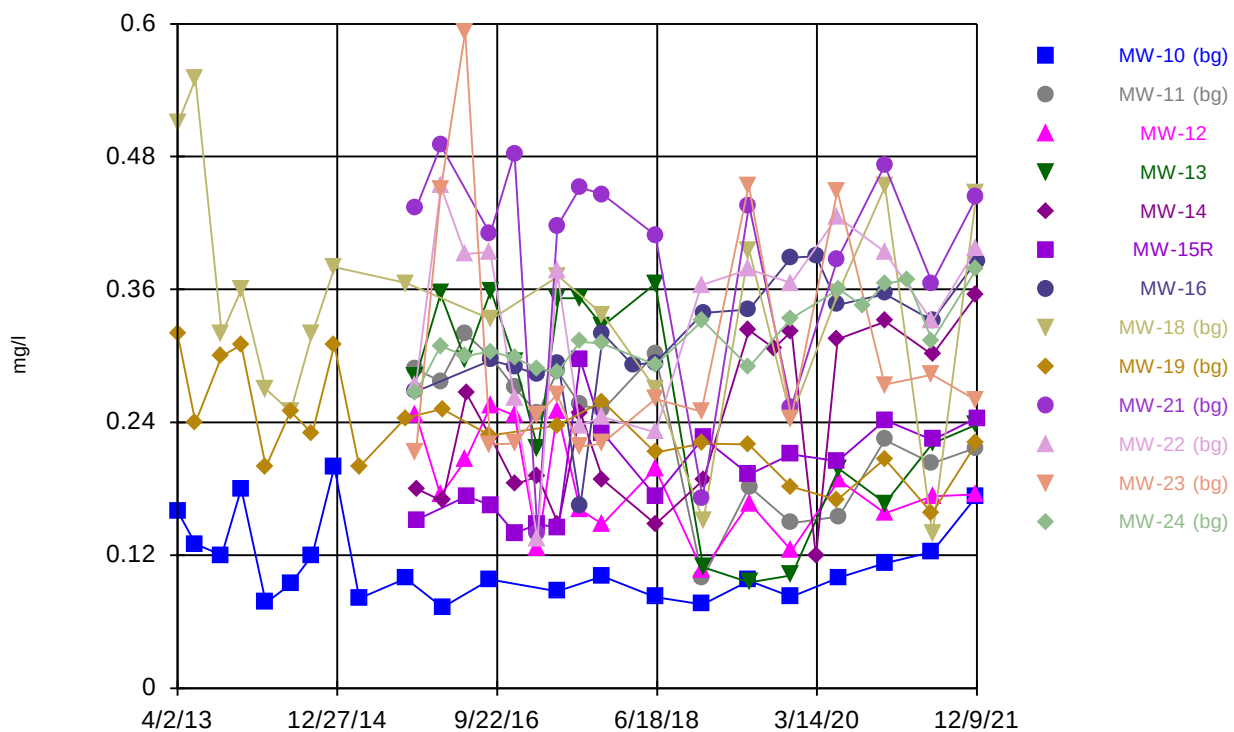
Time-Series Plots, Phase 2 Wells

Time Series



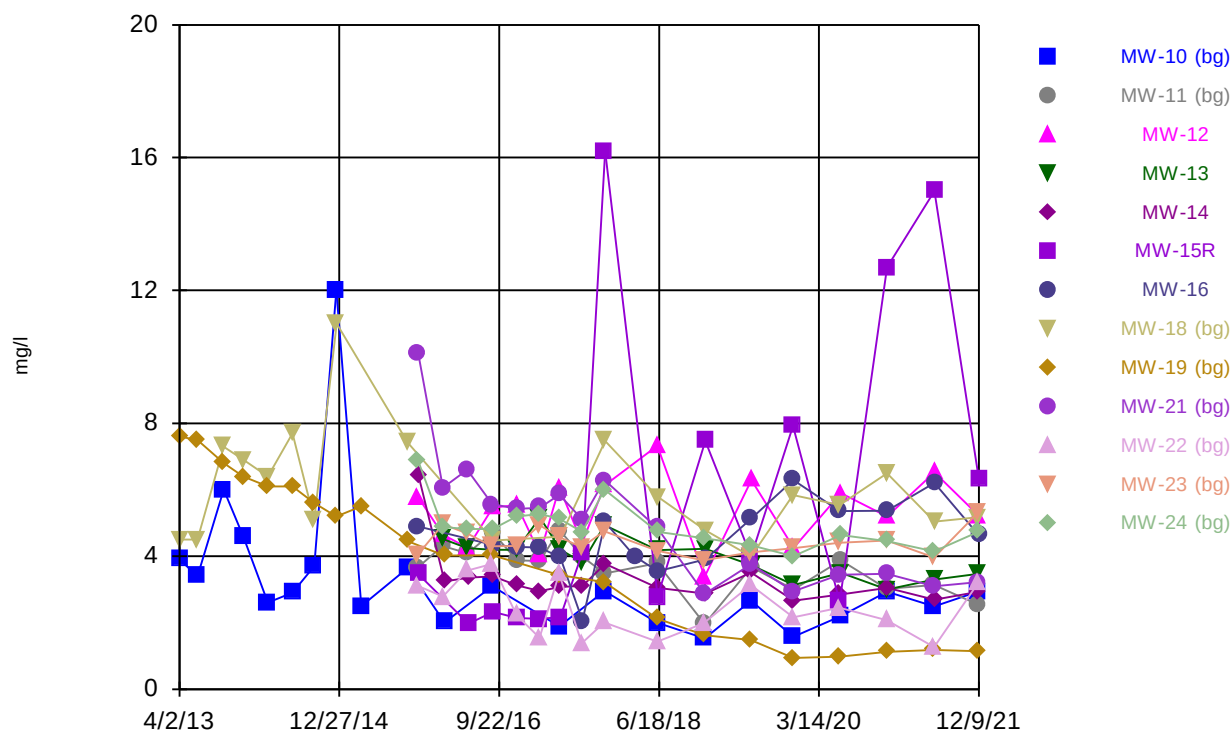
Constituent: Arsenic Analysis Run 2/14/2022 12:04 PM View: Phase 2 Time Series
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Time Series



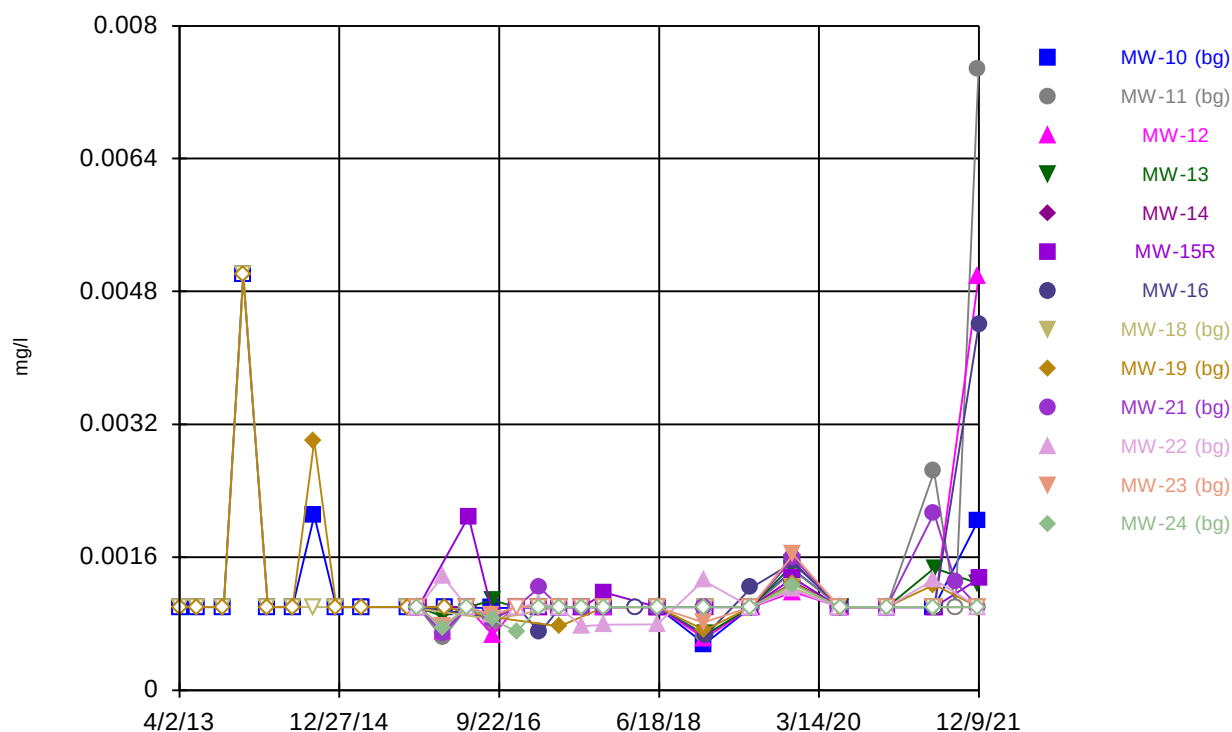
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Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Time Series



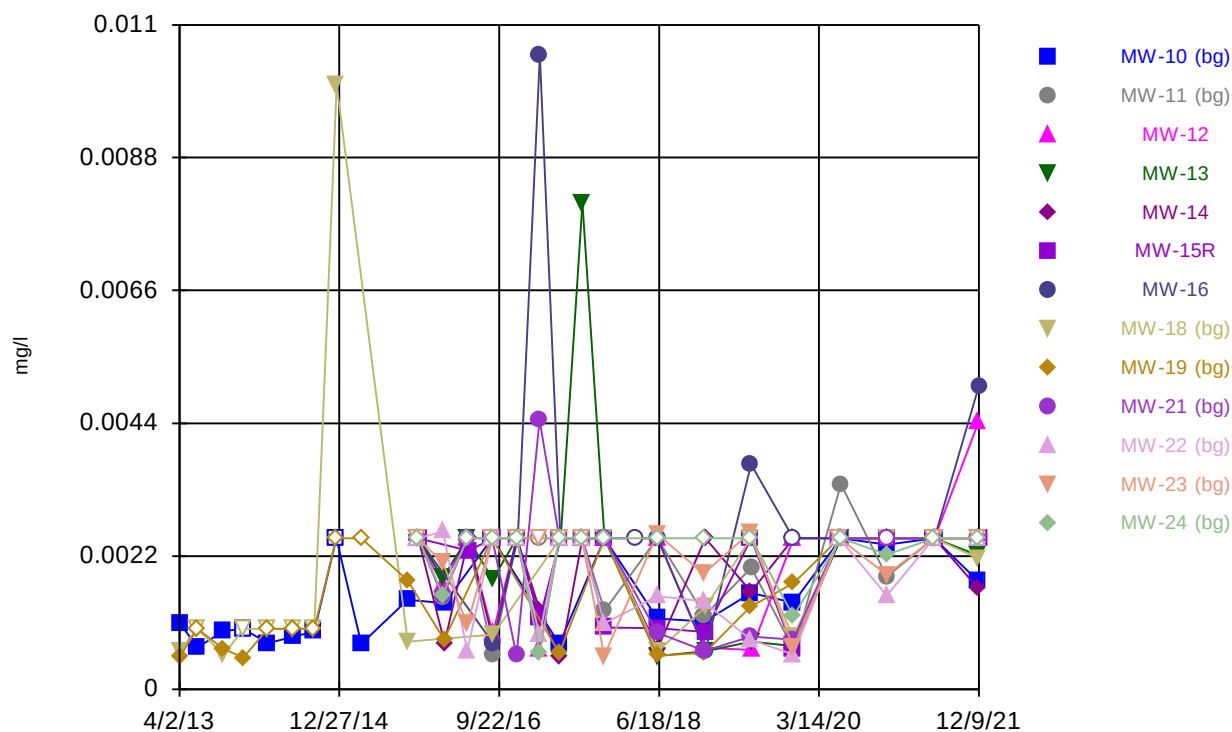
Constituent: Chloride Analysis Run 2/14/2022 12:04 PM View: Phase 2 Time Series
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Time Series

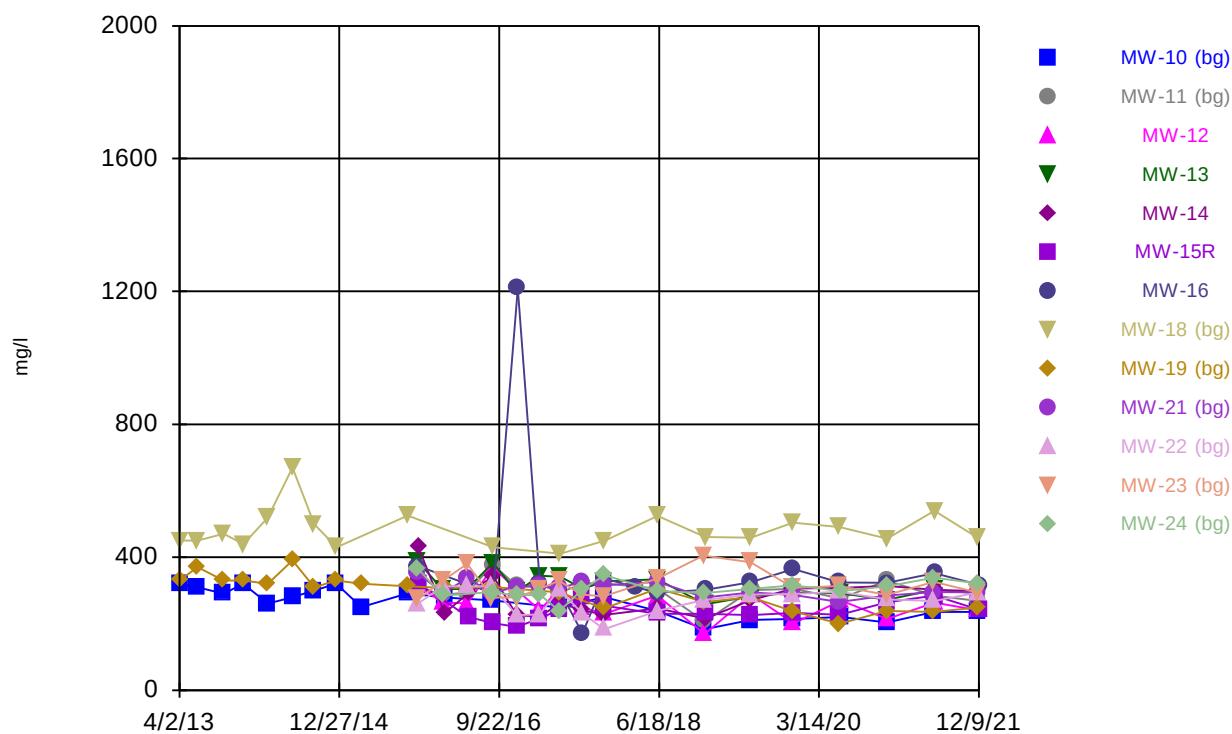


Constituent: Chromium Analysis Run 2/14/2022 12:04 PM View: Phase 2 Time Series
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

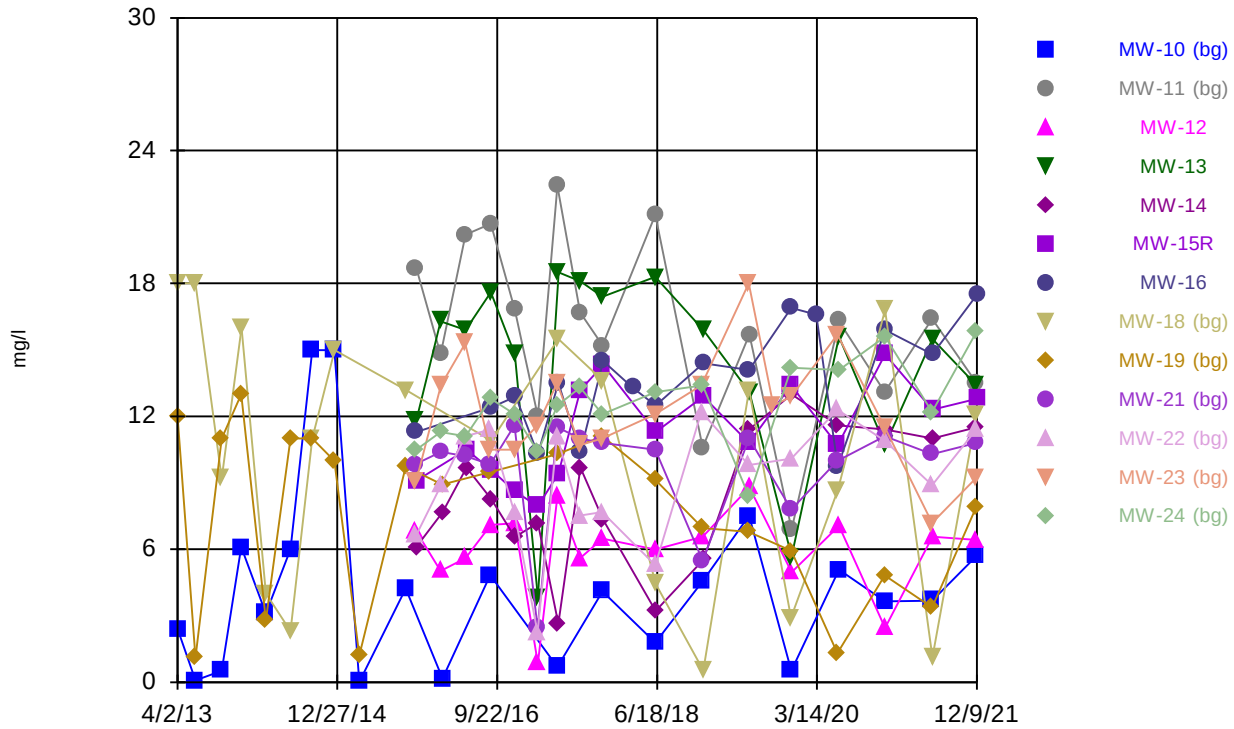
Time Series



Time Series

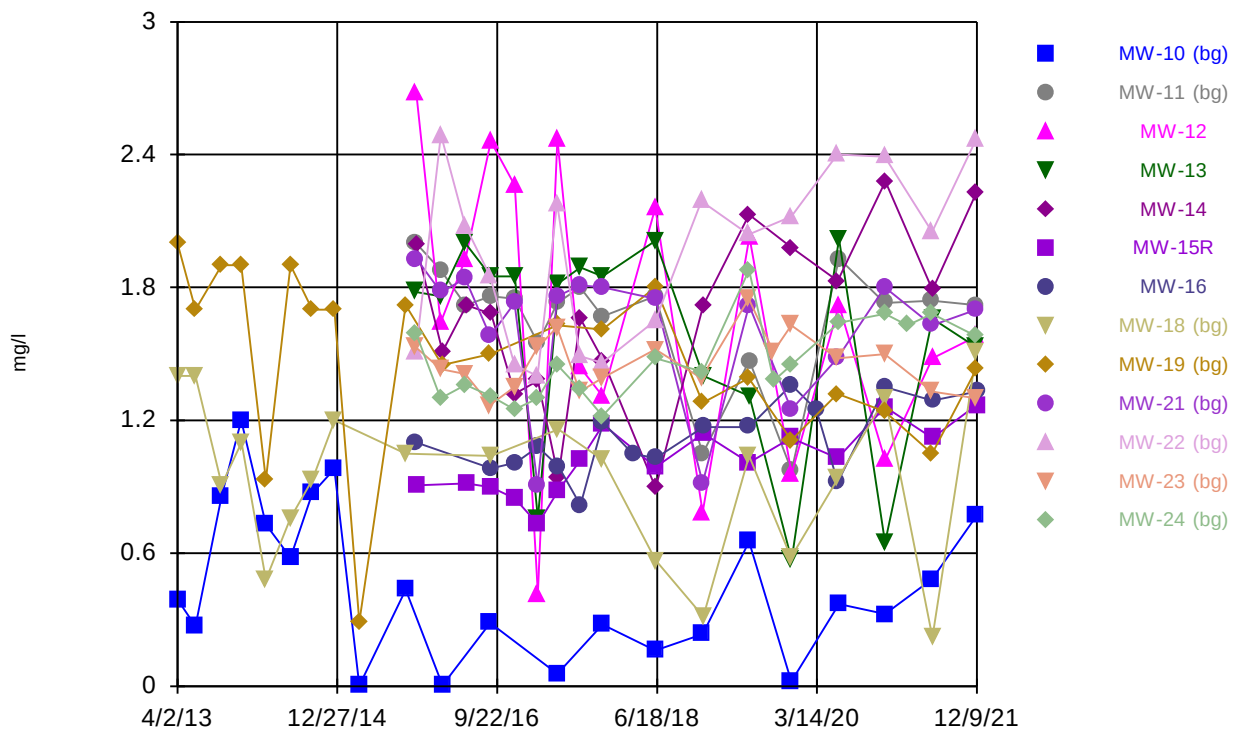


Time Series



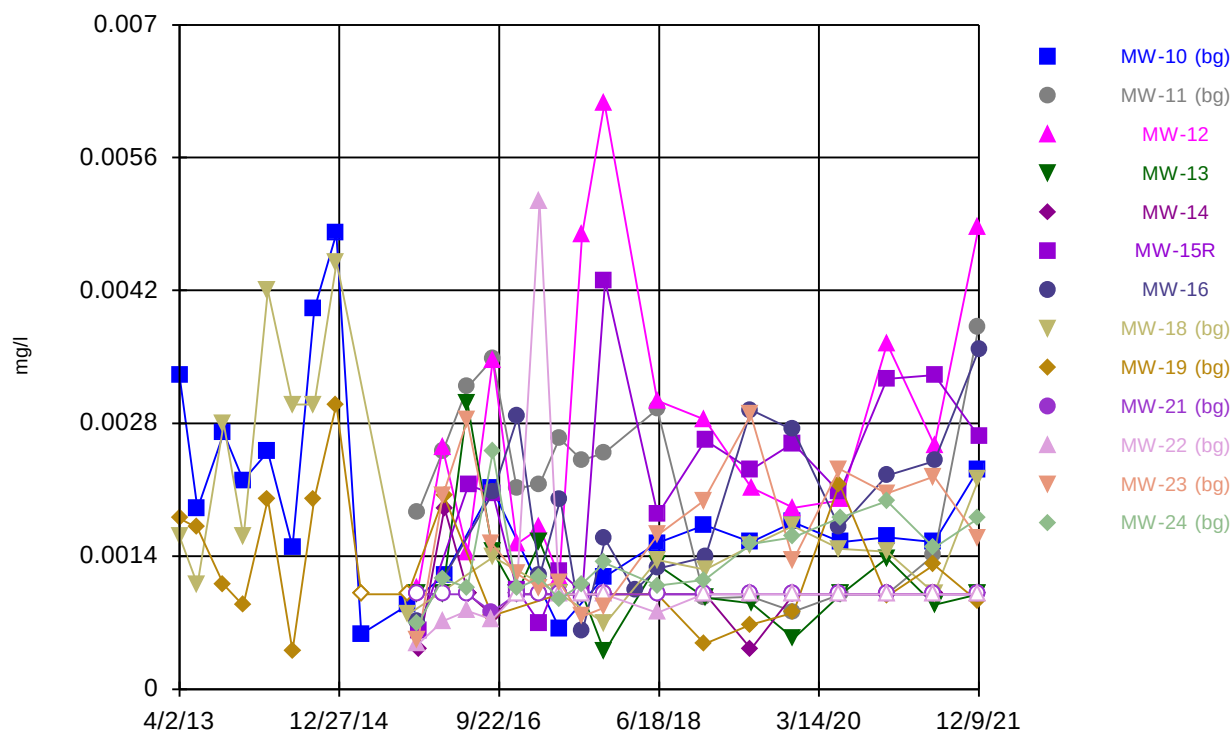
Constituent: Iron Analysis Run 2/14/2022 12:04 PM View: Phase 2 Time Series
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Time Series



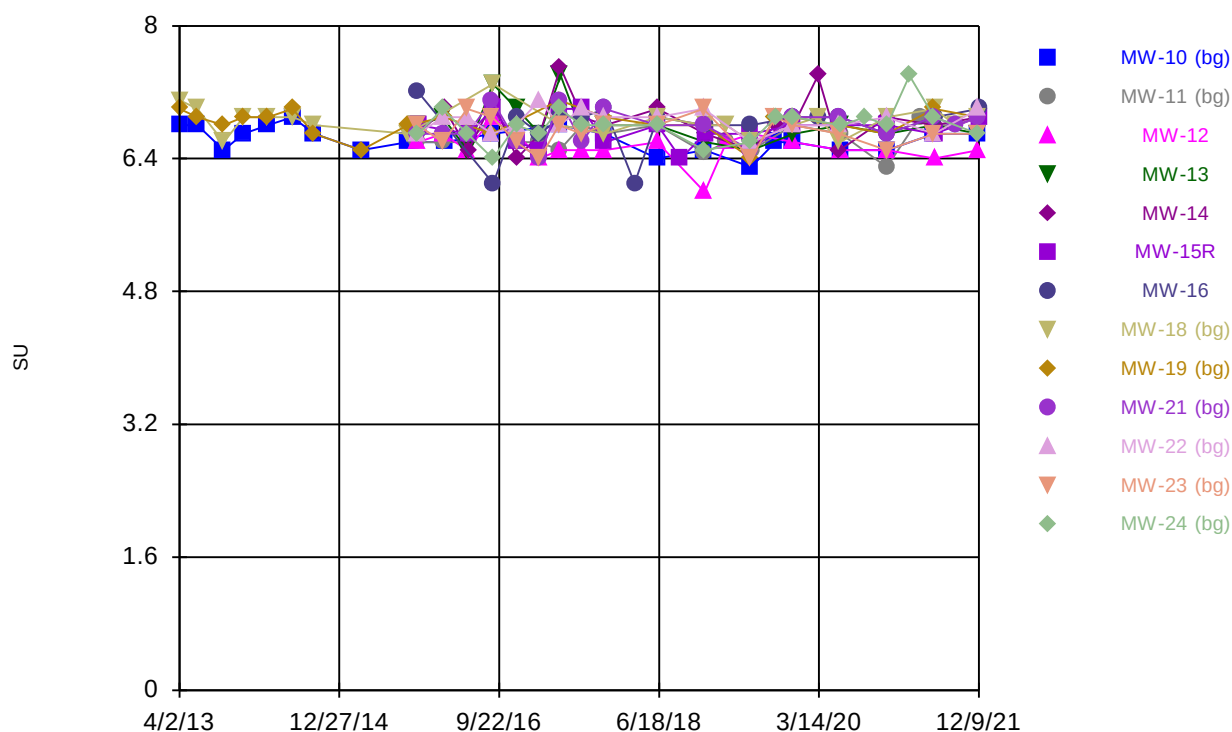
Constituent: Manganese Analysis Run 2/14/2022 12:04 PM View: Phase 2 Time Series
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Time Series



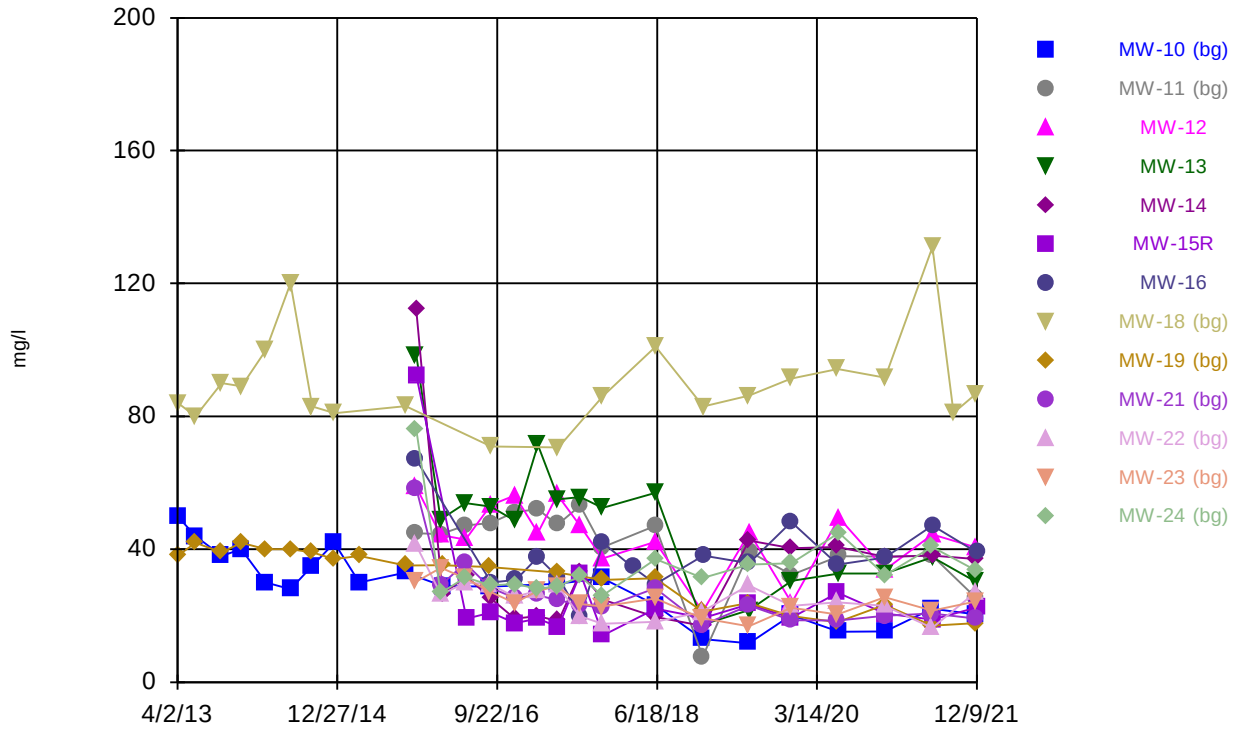
Constituent: Nickel Analysis Run 2/14/2022 12:04 PM View: Phase 2 Time Series
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Time Series



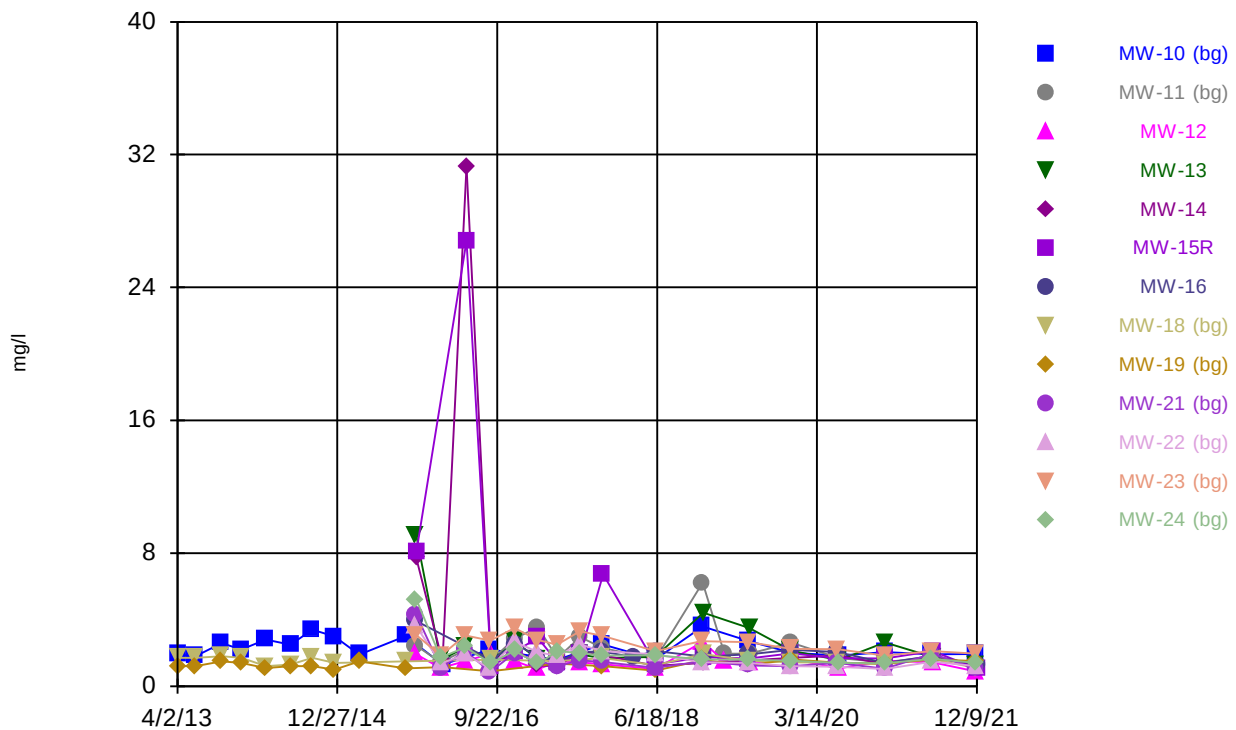
Constituent: pH Analysis Run 2/14/2022 12:04 PM View: Phase 2 Time Series
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Time Series



Constituent: Sulfate Analysis Run 2/14/2022 12:04 PM View: Phase 2 Time Series
 Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

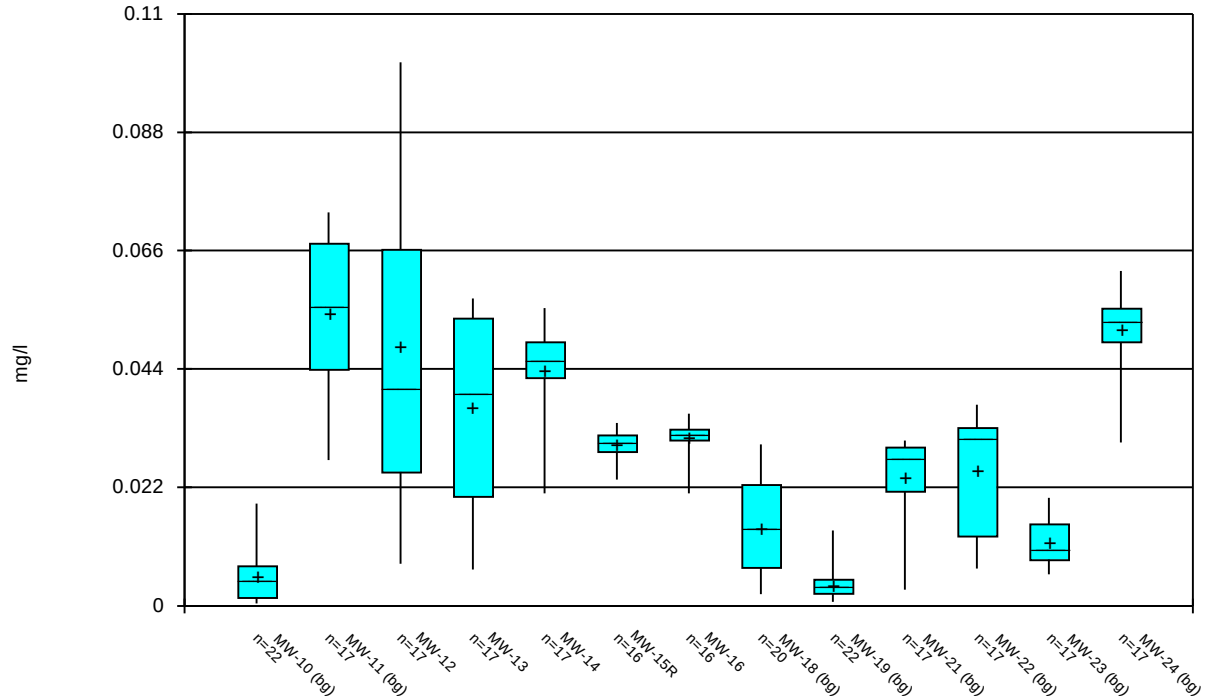
Time Series



Constituent: TOC [Total Organic Carbon] Analysis Run 2/14/2022 12:04 PM View: Phase 2 Time Series
 Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

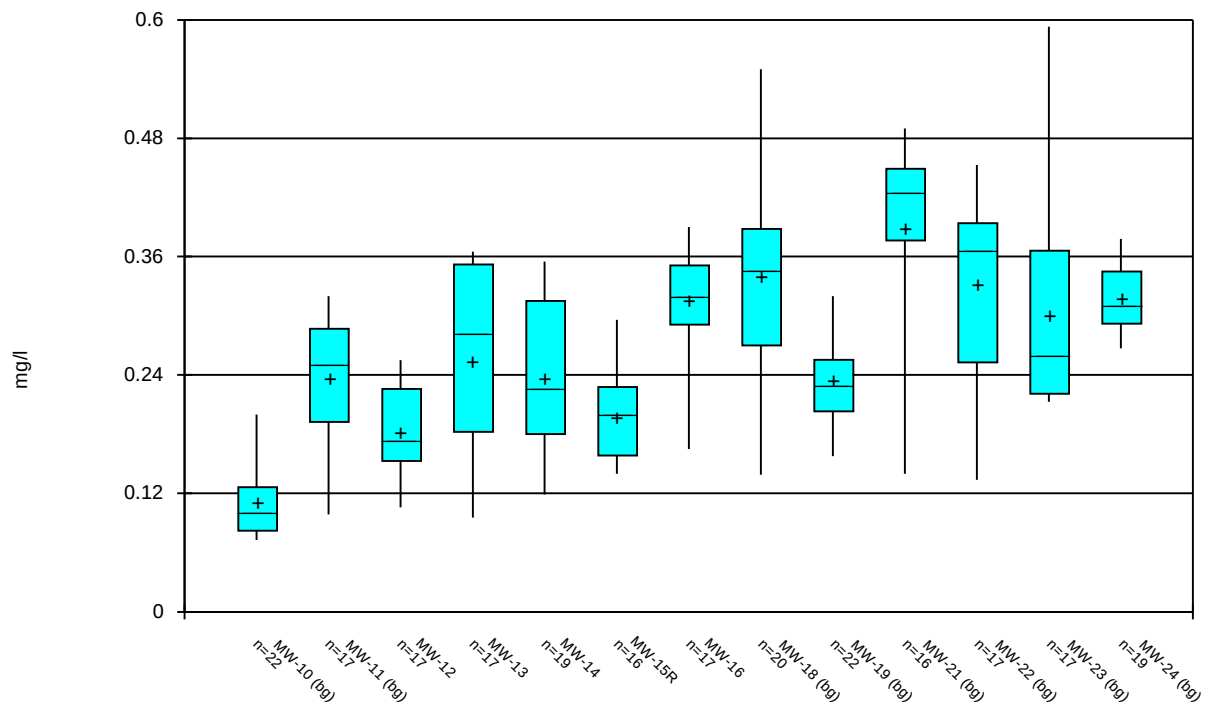
Box-and-Whisker Plots, Phase 2 Wells

Box & Whiskers Plot



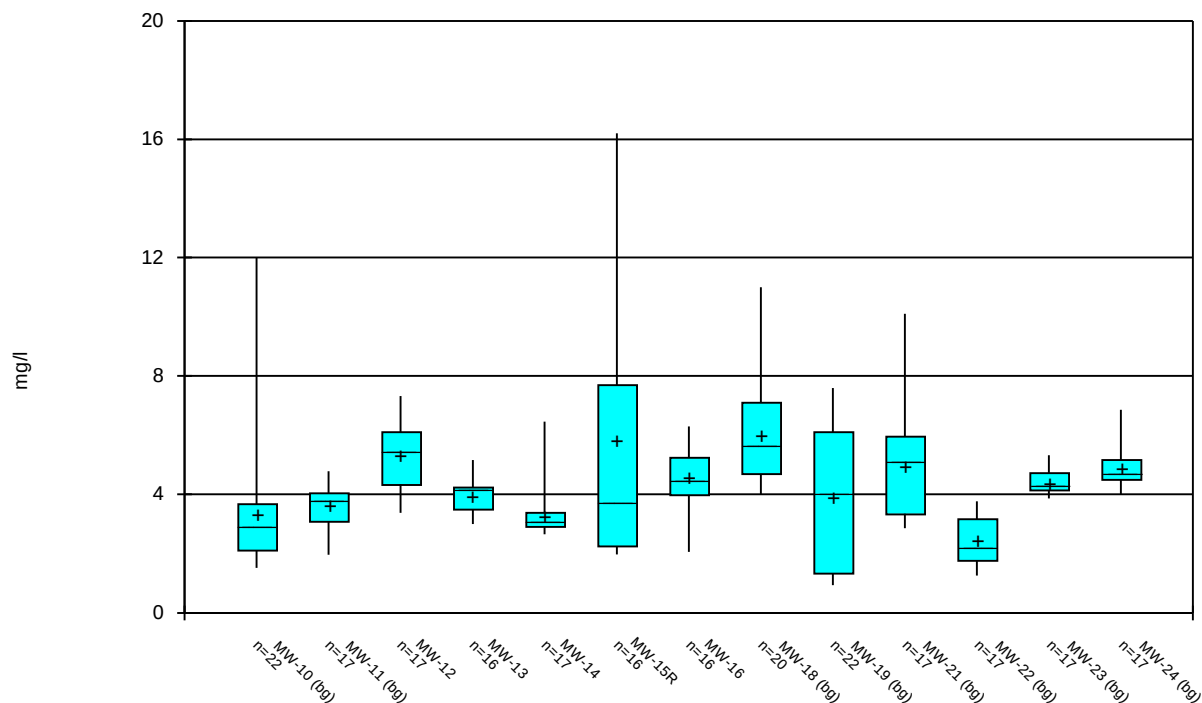
Constituent: Arsenic Analysis Run 2/14/2022 12:08 PM View: Phase 2 Box & Whiskers Plots
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Box & Whiskers Plot



Constituent: Barium Analysis Run 2/14/2022 12:08 PM View: Phase 2 Box & Whiskers Plots
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

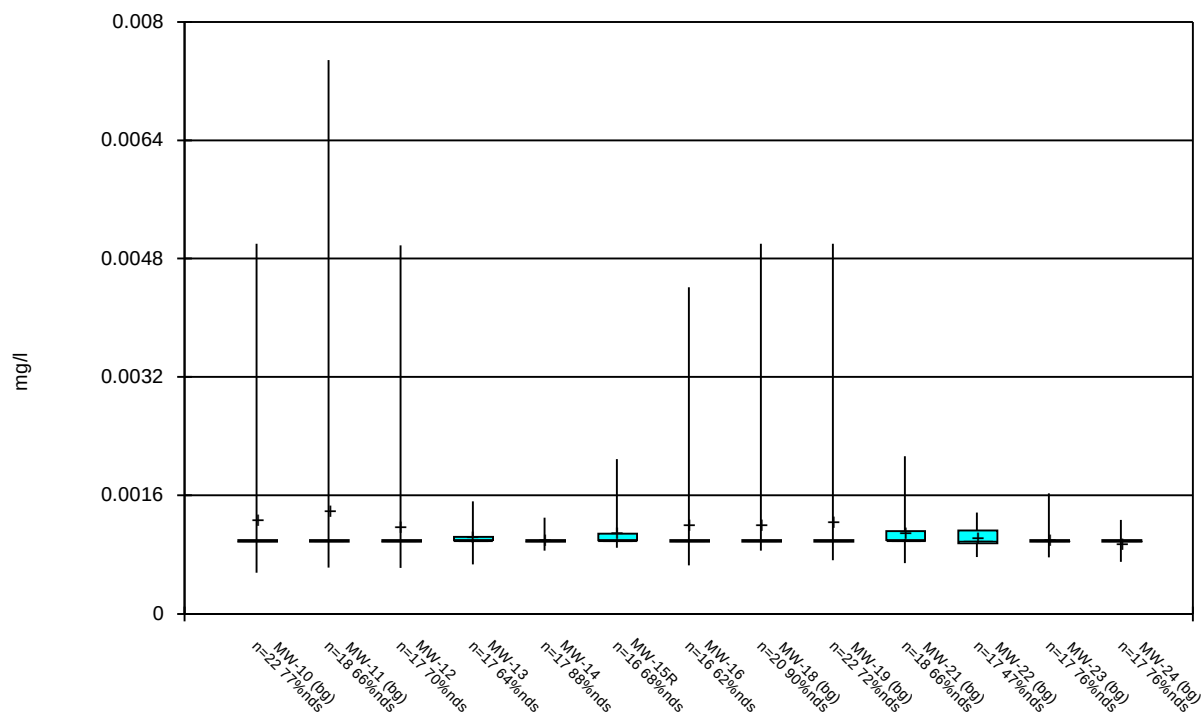
Box & Whiskers Plot



Constituent: Chloride Analysis Run 2/14/2022 12:08 PM View: Phase 2 Box & Whiskers Plots

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

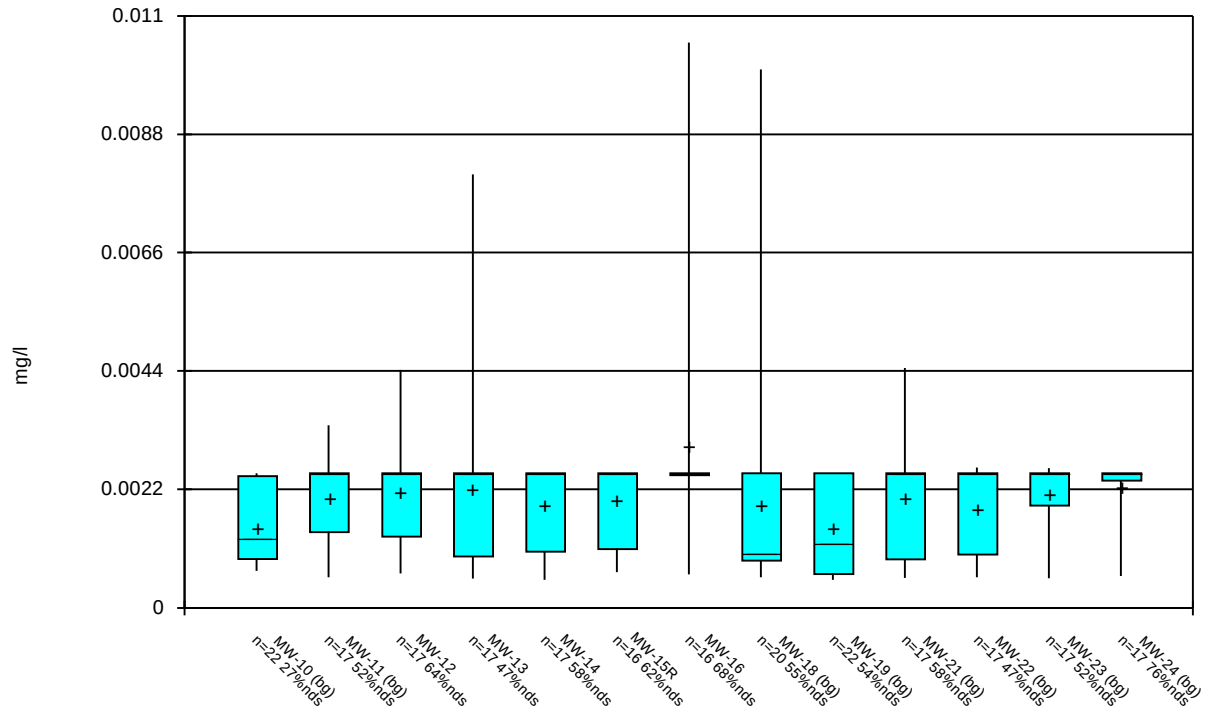
Box & Whiskers Plot



Constituent: Chromium Analysis Run 2/14/2022 12:08 PM View: Phase 2 Box & Whiskers Plots

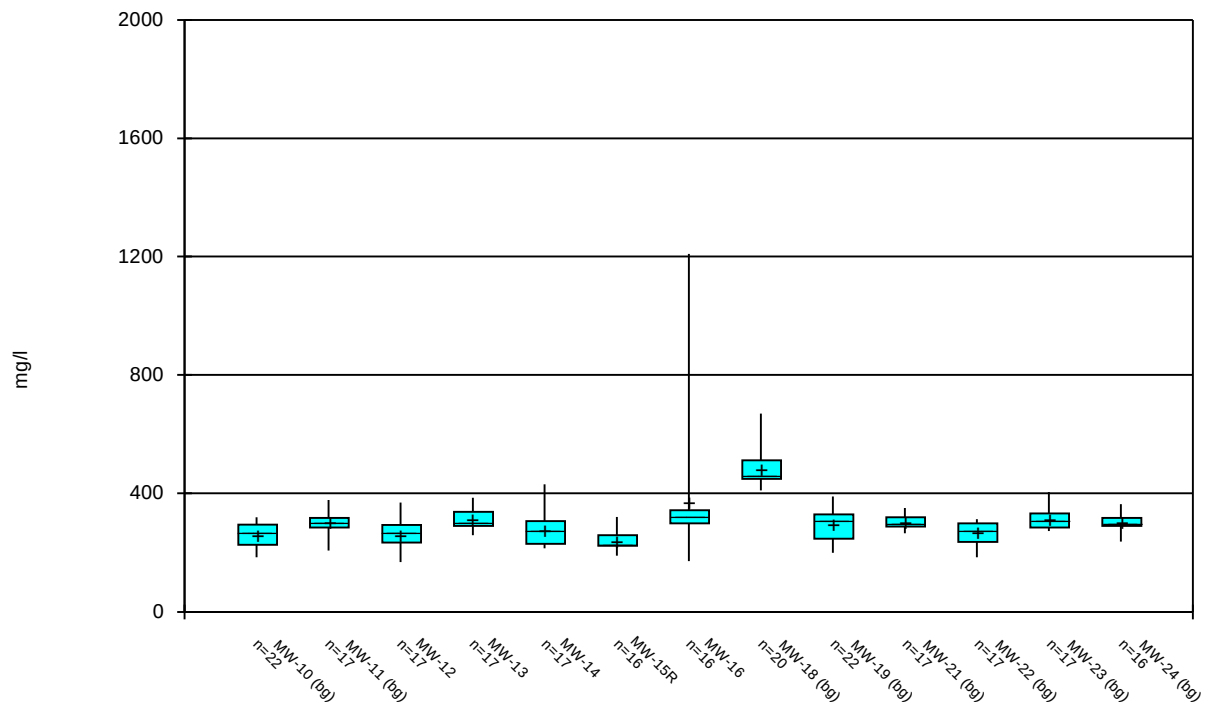
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Box & Whiskers Plot



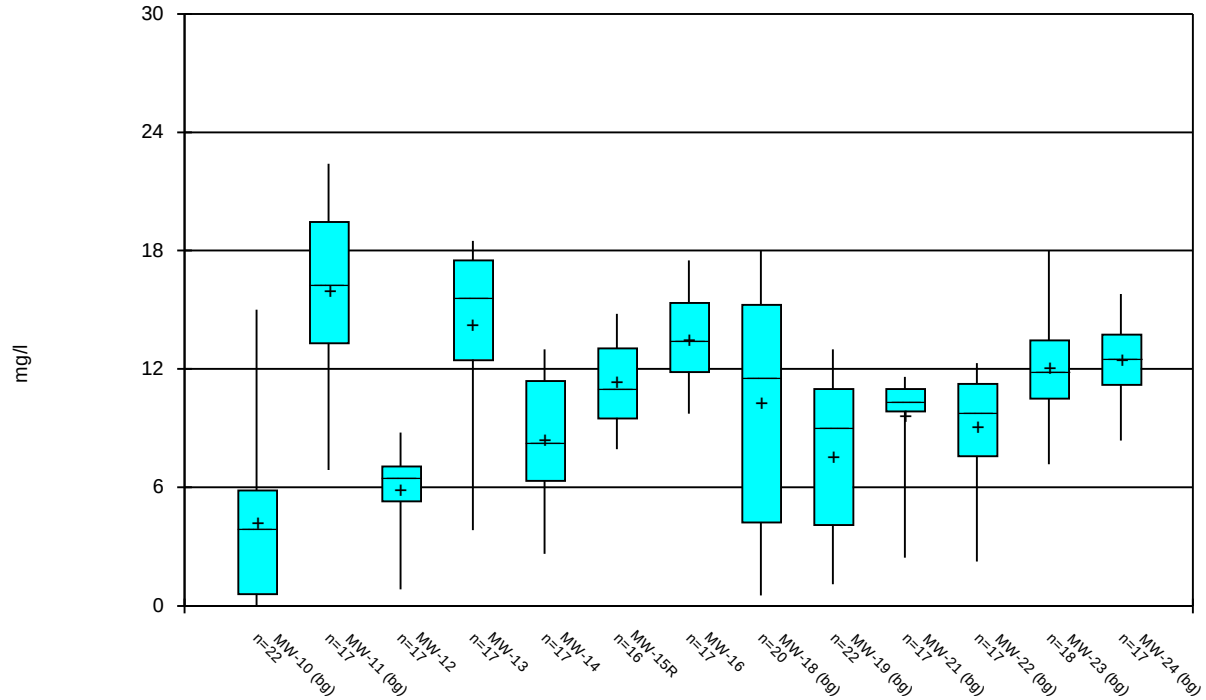
Constituent: Copper Analysis Run 2/14/2022 12:08 PM View: Phase 2 Box & Whiskers Plots
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Box & Whiskers Plot



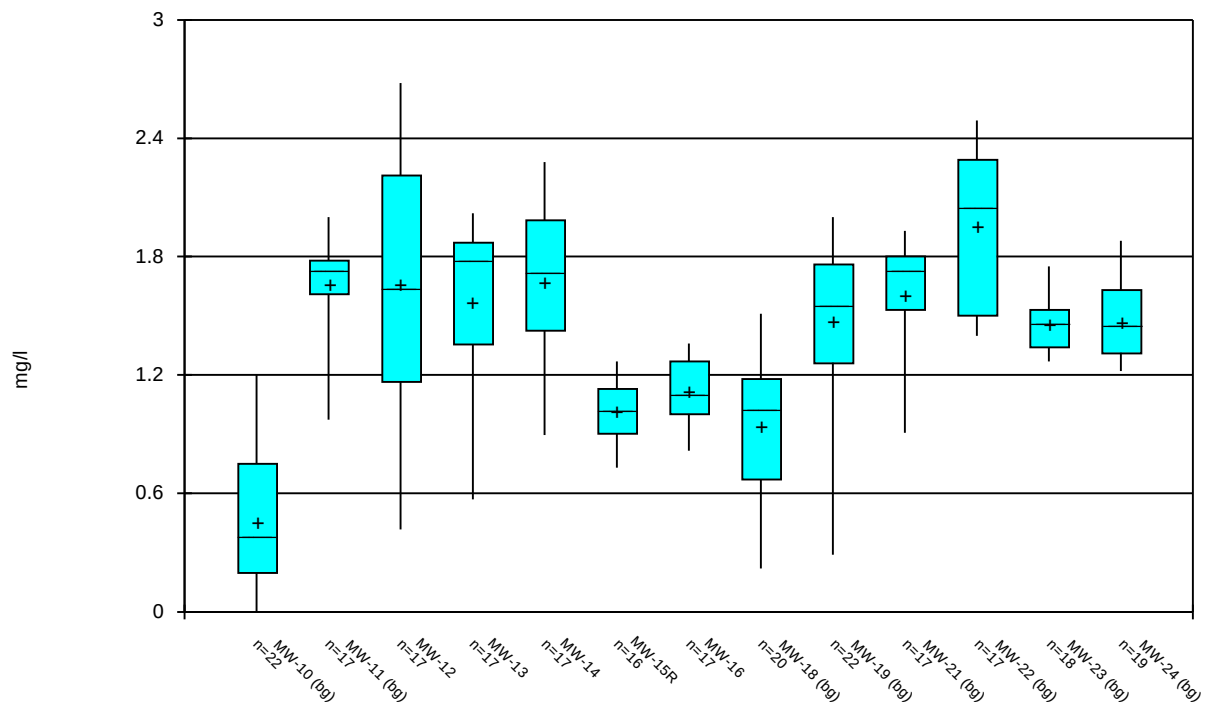
Constituent: Dissolved Solids Analysis Run 2/14/2022 12:08 PM View: Phase 2 Box & Whiskers Plots
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Box & Whiskers Plot



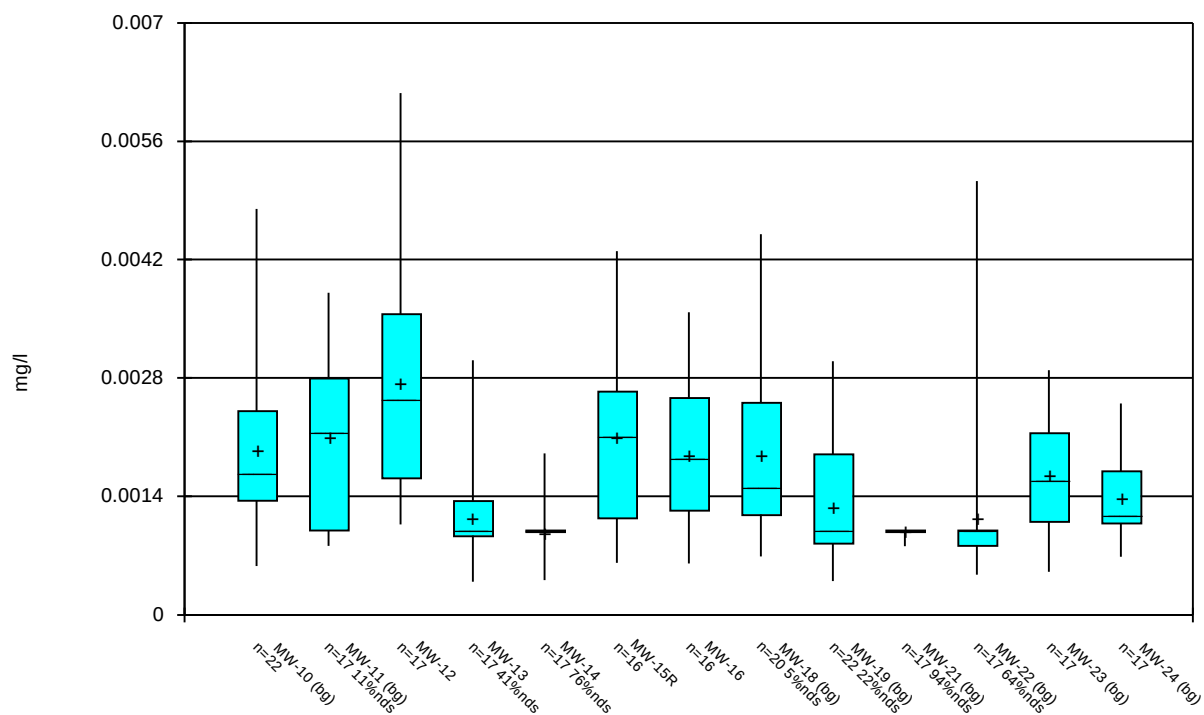
Constituent: Iron Analysis Run 2/14/2022 12:08 PM View: Phase 2 Box & Whiskers Plots
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Box & Whiskers Plot



Constituent: Manganese Analysis Run 2/14/2022 12:08 PM View: Phase 2 Box & Whiskers Plots
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

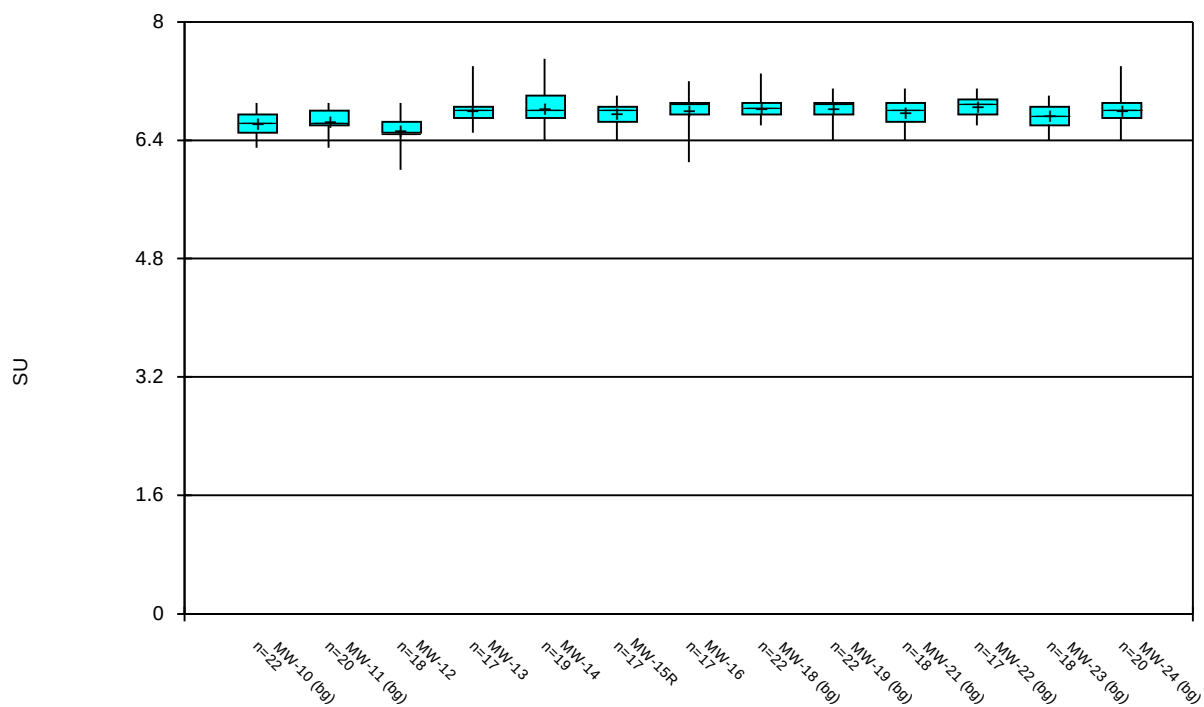
Box & Whiskers Plot



Constituent: Nickel Analysis Run 2/14/2022 12:08 PM View: Phase 2 Box & Whiskers Plots

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

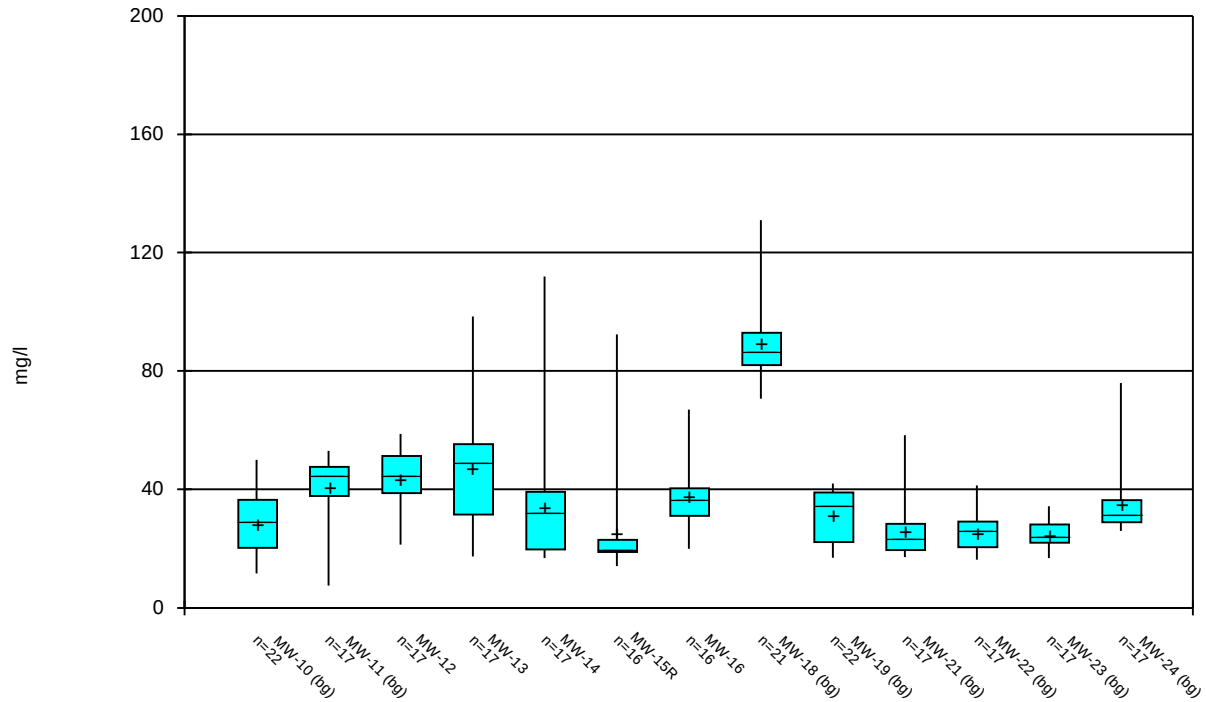
Box & Whiskers Plot



Constituent: pH Analysis Run 2/14/2022 12:08 PM View: Phase 2 Box & Whiskers Plots

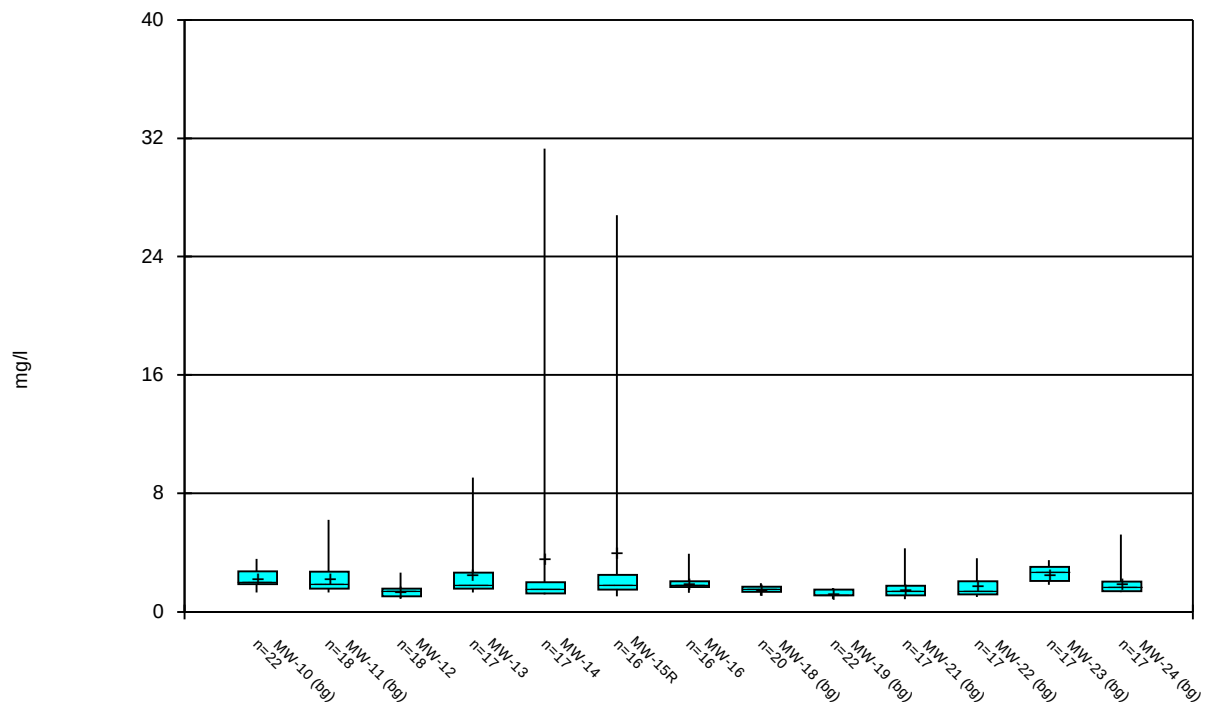
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Box & Whiskers Plot



Constituent: Sulfate Analysis Run 2/14/2022 12:08 PM View: Phase 2 Box & Whiskers Plots
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

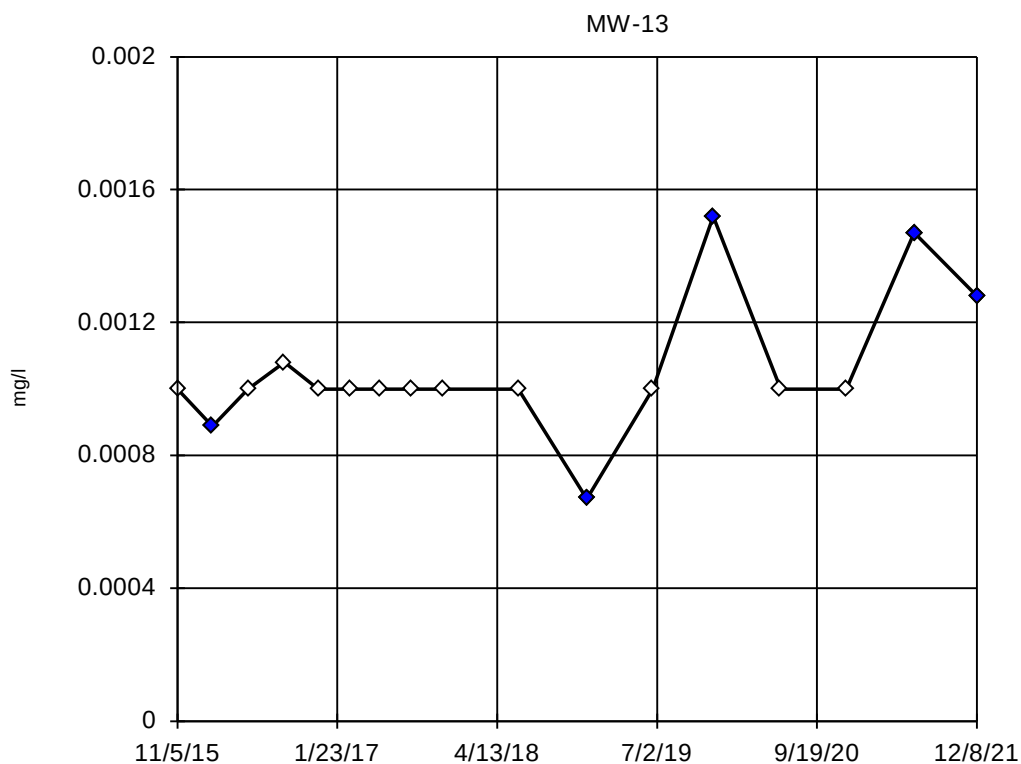
Box & Whiskers Plot



Constituent: TOC [Total Organic Carbon] Analysis Run 2/14/2022 12:08 PM View: Phase 2 Box & Whisker
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Outliers, Phase 2 Wells

Tukey's Outlier Screening



n = 17

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.001166, low cutoff = 0.000891, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 2/14/2022 12:42 PM View: Phase 2 Outliers
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

APPENDIX F

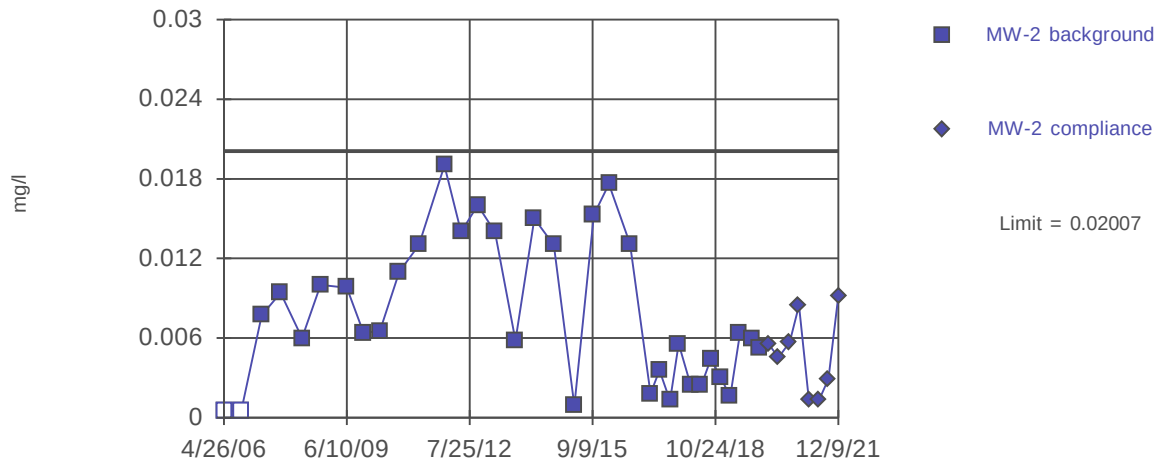
Statistical Results

Prediction Limits, Phase 1 Detection Monitoring

Within Limit

Prediction Limit

Intrawell Parametric



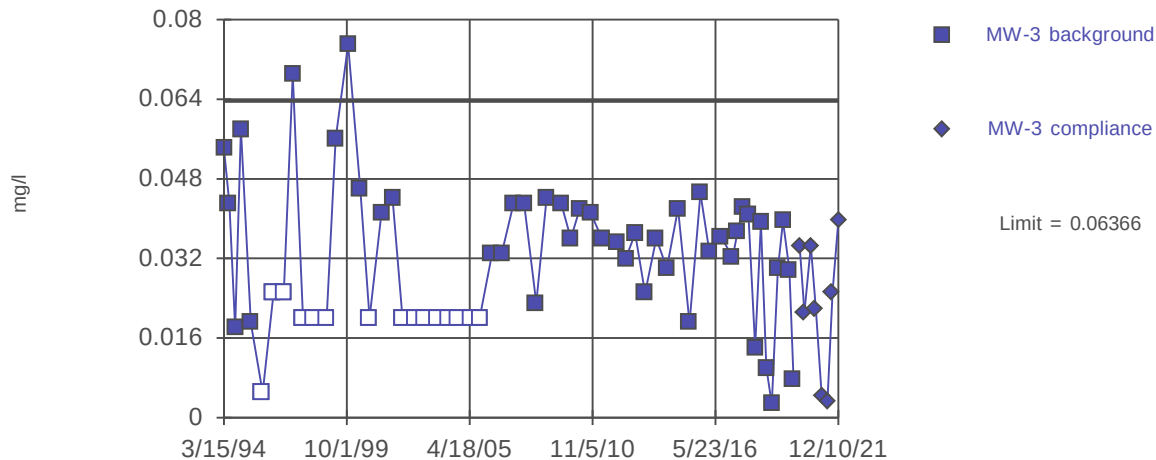
Background Data Summary: Mean=0.007881, Std. Dev.=0.005473, n=34, 5.882% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9286, critical = 0.908. Kappa = 2.228 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

Constituent: Arsenic Analysis Run 1/24/2022 9:07 AM View: Phase 1 - Prediction limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



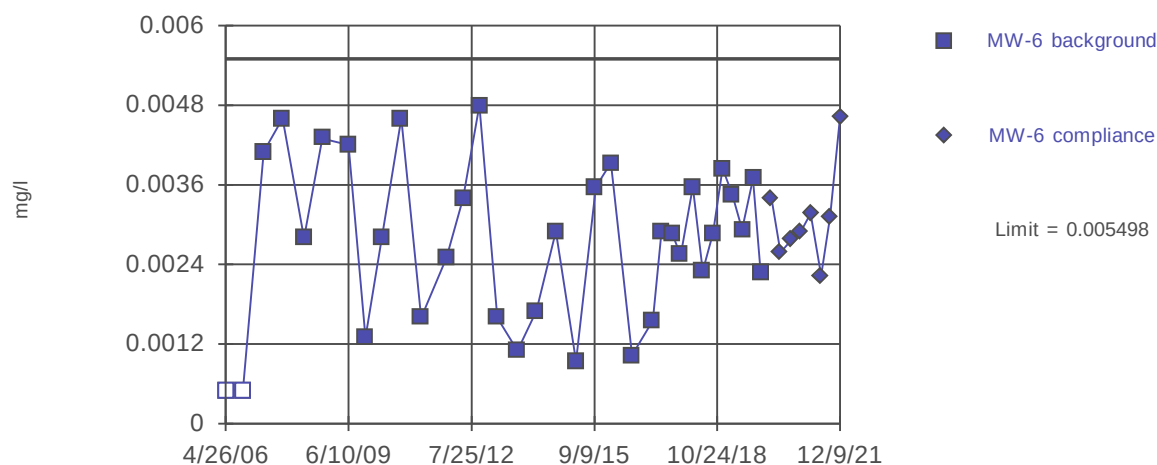
Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.03079, Std. Dev.=0.01551, n=60, 25% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9546, critical = 0.945. Kappa = 2.12 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

Constituent: Arsenic Analysis Run 1/24/2022 9:07 AM View: Phase 1 - Prediction limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.002752, Std. Dev.=0.001233, n=34, 5.882% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9539, critical = 0.908. Kappa = 2.228 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

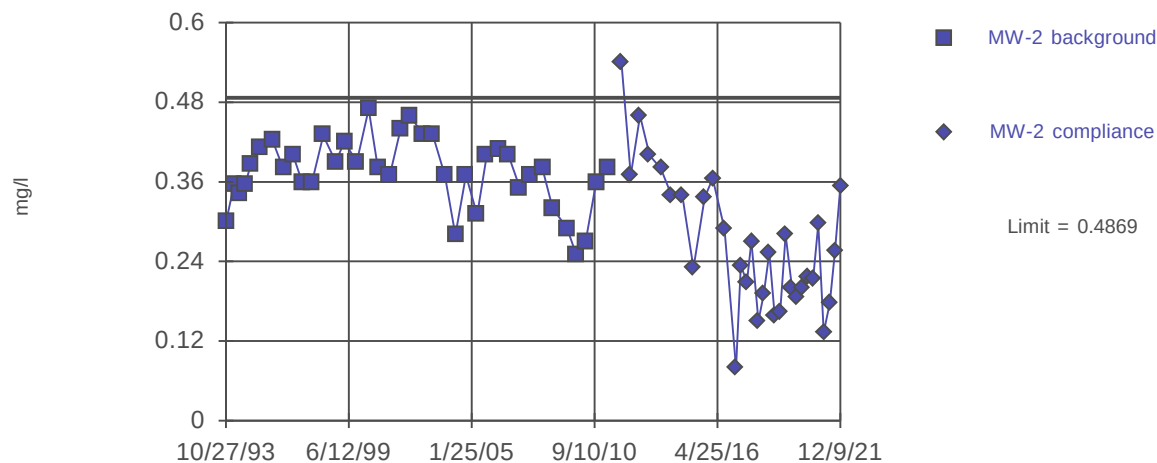
Constituent: Arsenic Analysis Run 2/3/2022 3:29 PM View: Phase 1 -Prediction Limits 4 Q2021

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.3736, Std. Dev.=0.05146, n=38. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9621, critical = 0.916. Kappa = 2.202 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

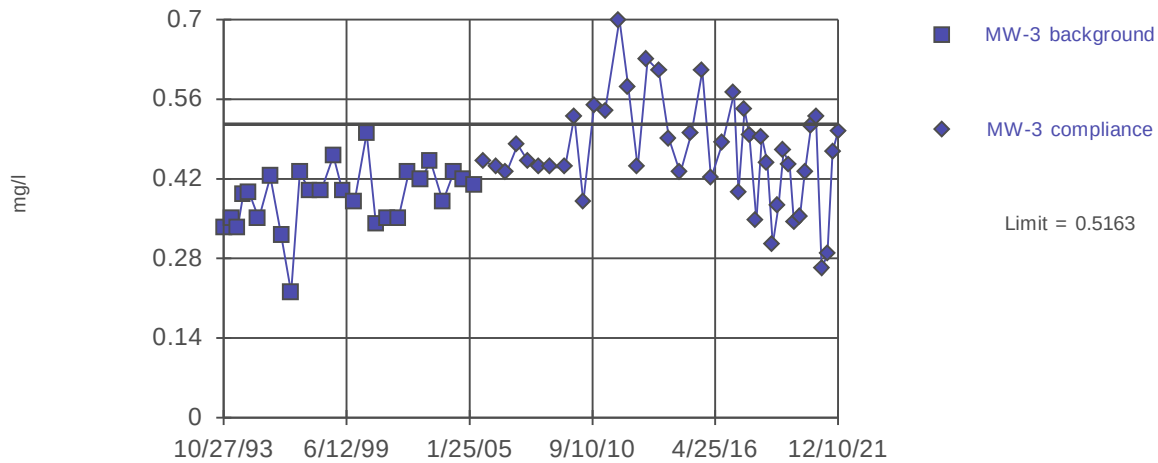
Constituent: Barium Analysis Run 1/24/2022 9:07 AM View: Phase 1 - Prediction limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.3873, Std. Dev.=0.05589, n=26. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9458, critical = 0.891. Kappa = 2.308 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

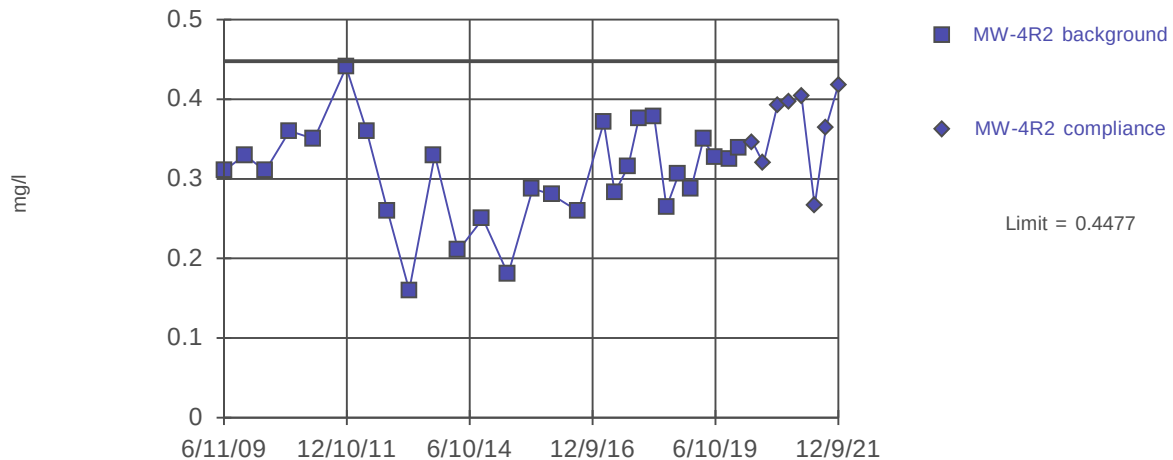
Constituent: Barium Analysis Run 2/3/2022 3:29 PM View: Phase 1 -Prediction Limits 4 Q2021

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.307, Std. Dev.=0.06159, n=28. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9699, critical = 0.896. Kappa = 2.284 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

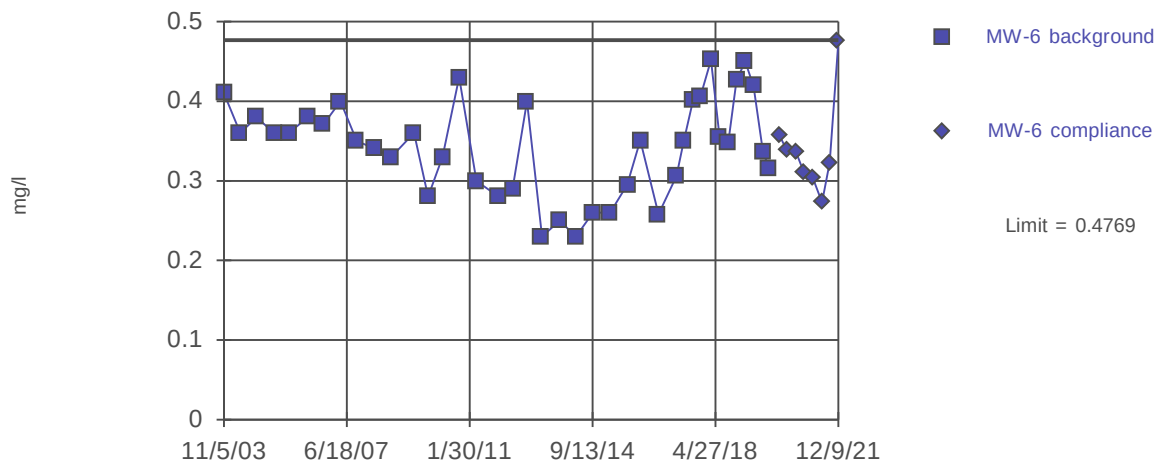
Constituent: Barium Analysis Run 1/24/2022 9:07 AM View: Phase 1 - Prediction limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



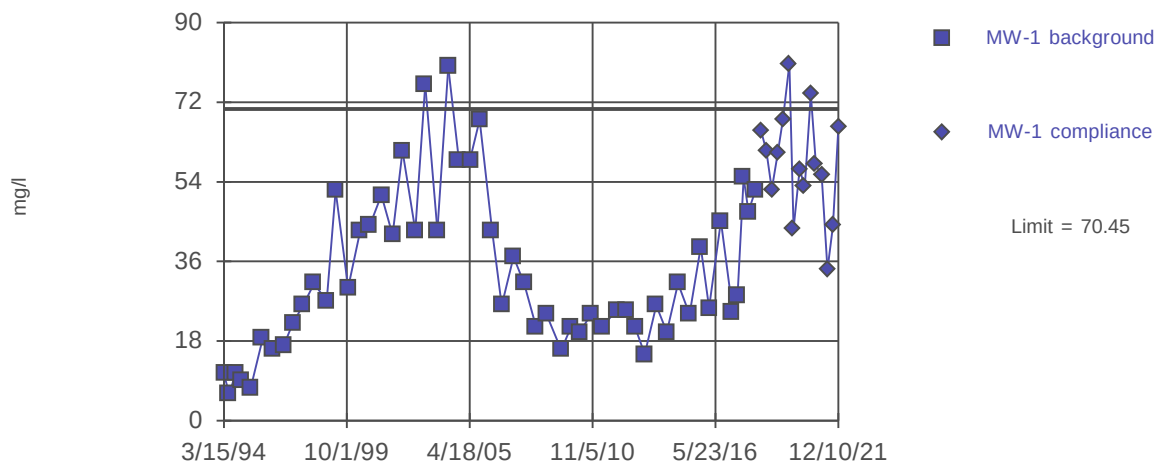
Background Data Summary: Mean=0.3438, Std. Dev.=0.06061, n=39. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9628, critical = 0.917. Kappa = 2.196 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

Constituent: Barium Analysis Run 1/24/2022 9:07 AM View: Phase 1 - Prediction limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



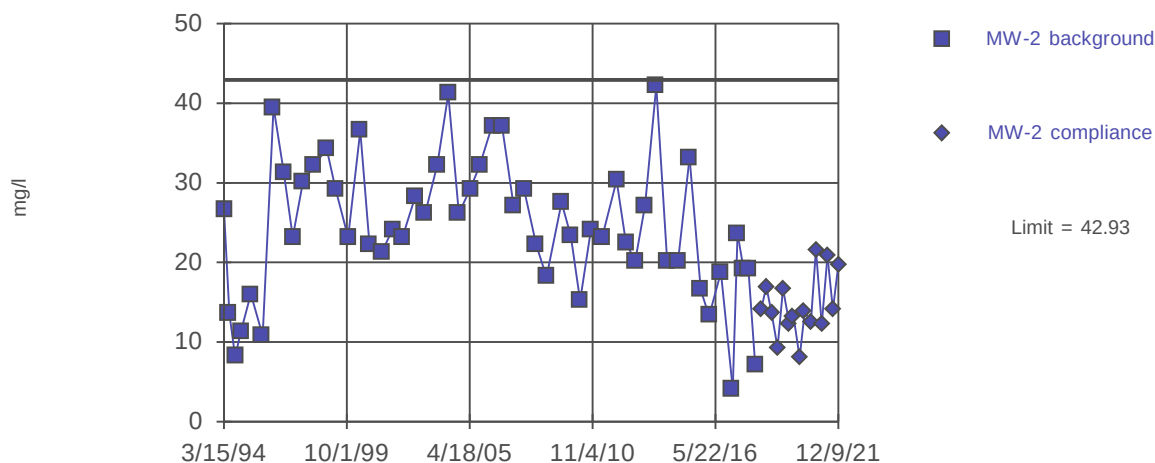
Background Data Summary: Mean=32.83, Std. Dev.=17.57, n=53. Seasonality was not detected with 95% confidence. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9391, critical = 0.938. Kappa = 2.141 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

Constituent: Chloride Analysis Run 1/24/2022 9:07 AM View: Phase 1 - Prediction limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=24.42, Std. Dev.=8.649, n=53. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9929, critical = 0.938. Kappa = 2.141 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

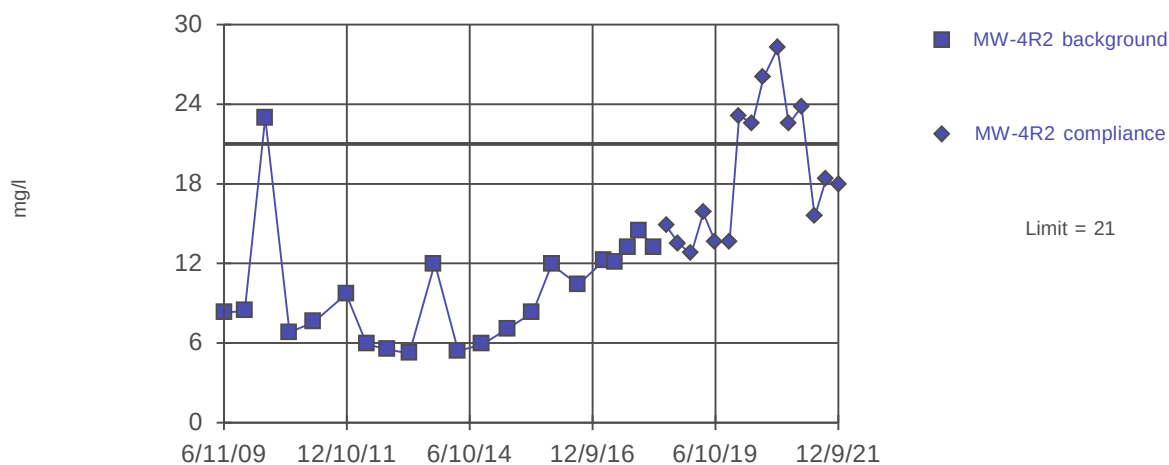
Constituent: Chloride Analysis Run 1/24/2022 9:07 AM View: Phase 1 - Prediction limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric

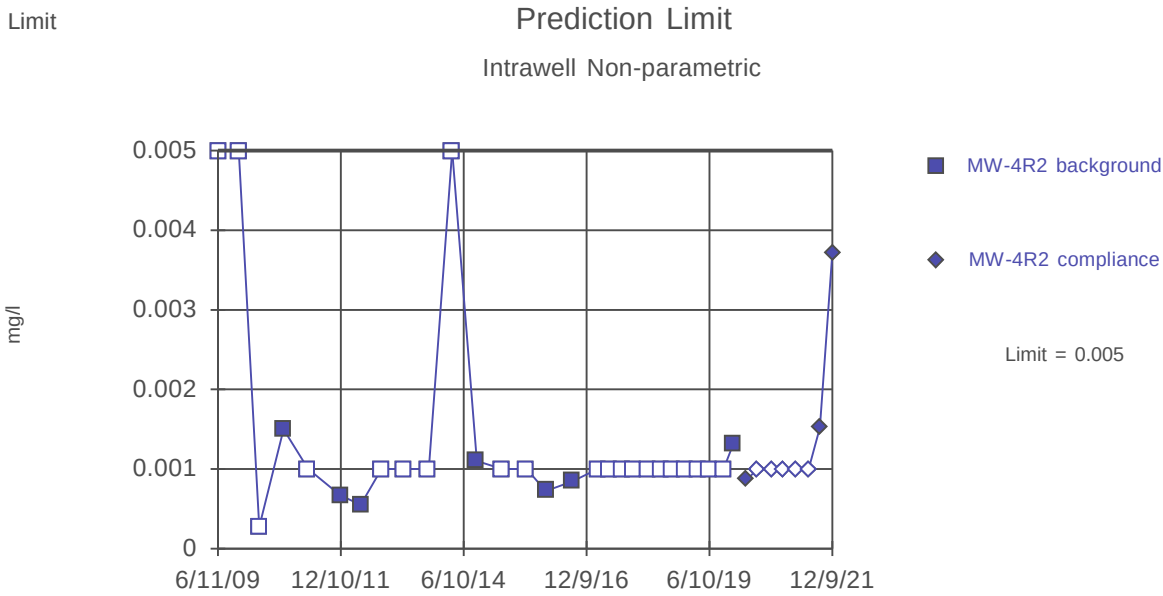


Background Data Summary (based on square root transformation): Mean=3.076, Std. Dev.=0.6298, n=21. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9202, critical = 0.873. Kappa = 2.392 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

Constituent: Chloride Analysis Run 3/9/2022 6:09 AM View: Trend Tests - Assessment

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

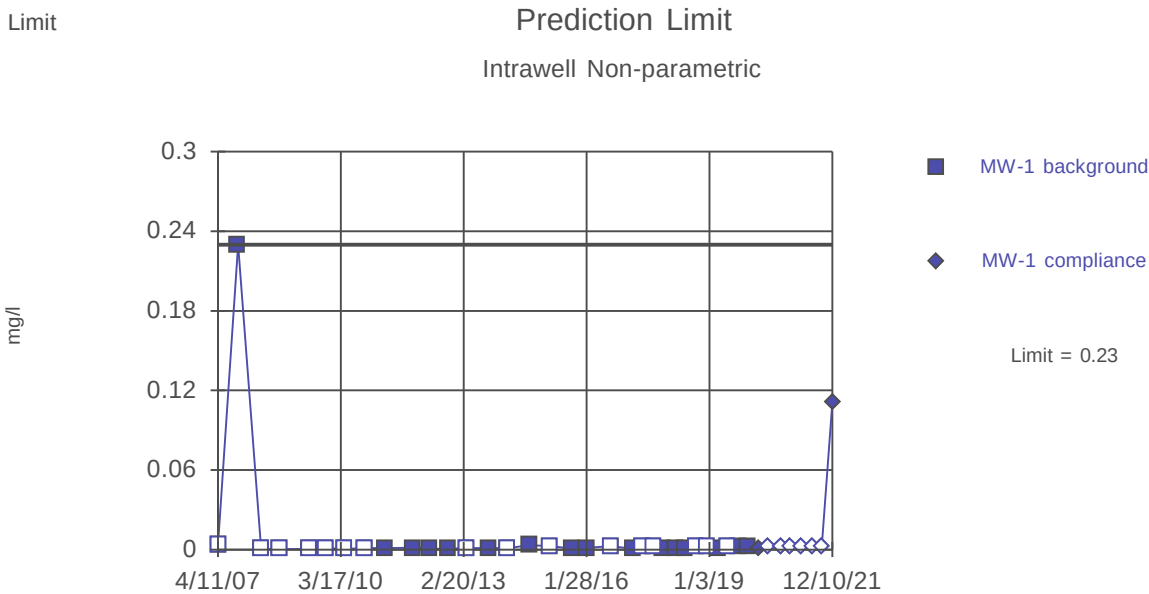
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 28 background values. 75% NDs. Well-constituent pair annual alpha = 0.009222. Individual comparison alpha = 0.002314 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Chromium Analysis Run 1/24/2022 9:07 AM View: Phase 1 - Prediction limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

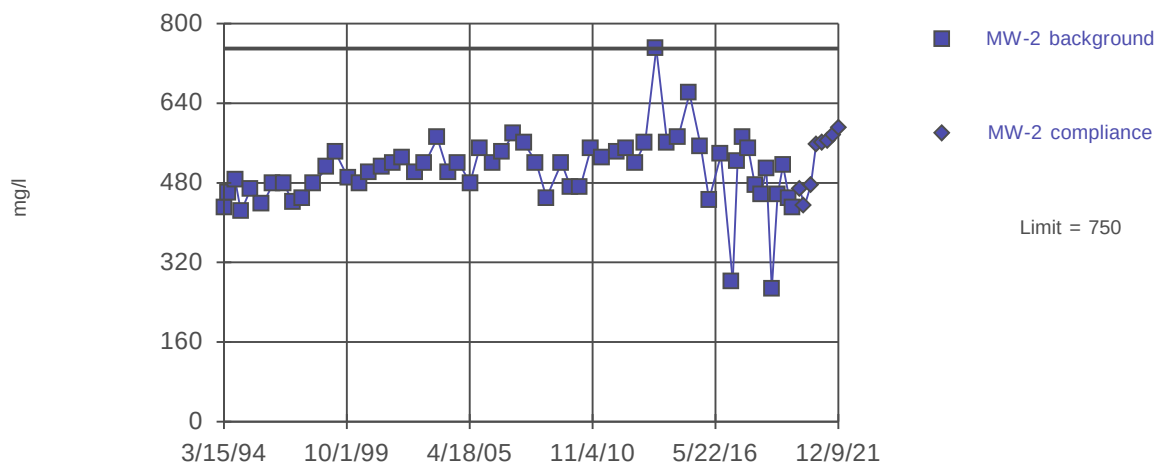


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 50% NDs. Well-constituent pair annual alpha = 0.007136. Individual comparison alpha = 0.001789 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Copper Analysis Run 1/24/2022 9:07 AM View: Phase 1 - Prediction limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit Intrawell Non-parametric

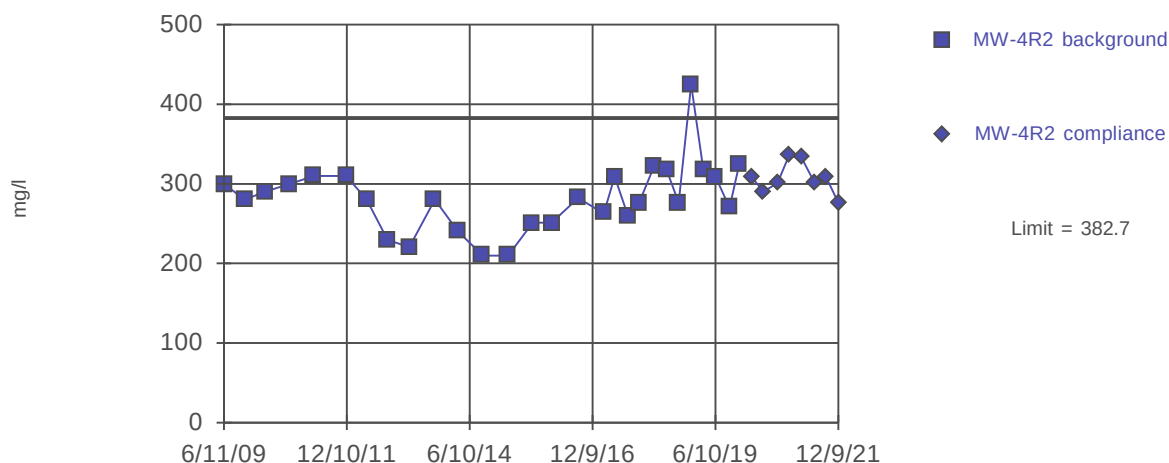


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 60 background values. Well-constituent pair annual alpha = 0.002106. Individual comparison alpha = 0.0005269 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Dissolved Solids Analysis Run 1/24/2022 9:07 AM View: Phase 1 - Prediction limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit Intrawell Parametric



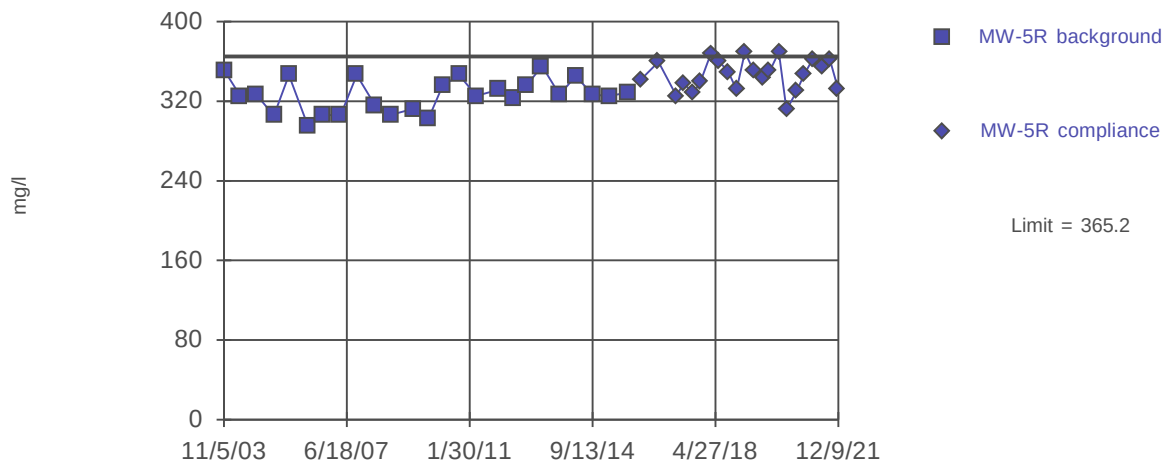
Background Data Summary: Mean=282.6, Std. Dev.=43.83, n=28. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.92, critical = 0.896. Kappa = 2.284 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

Constituent: Dissolved Solids Analysis Run 1/24/2022 9:07 AM View: Phase 1 - Prediction limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=326, Std. Dev.=16.89, n=25. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9538, critical = 0.888. Kappa = 2.32 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

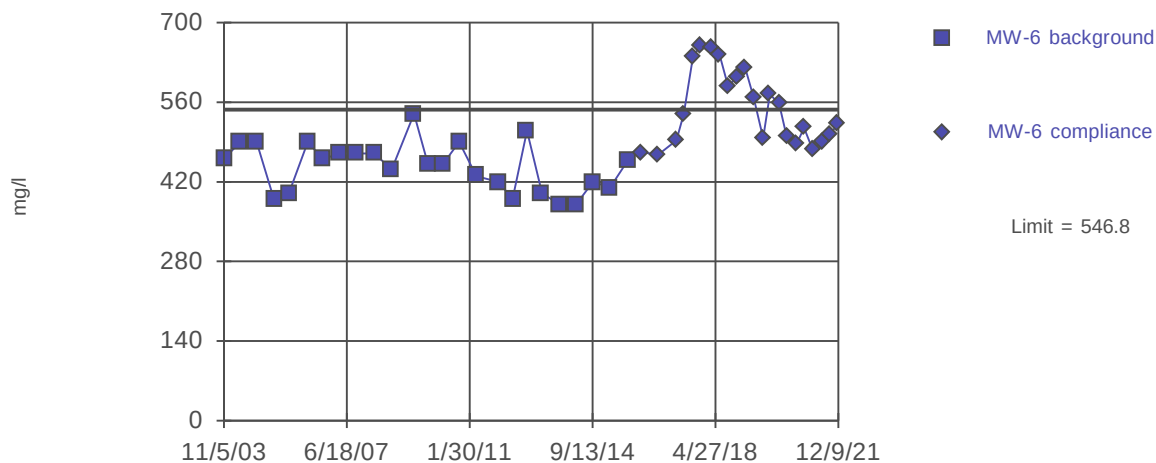
Constituent: Dissolved Solids Analysis Run 1/24/2022 9:07 AM View: Phase 1 - Prediction limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=446.2, Std. Dev.=43.34, n=25. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9602, critical = 0.888. Kappa = 2.32 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

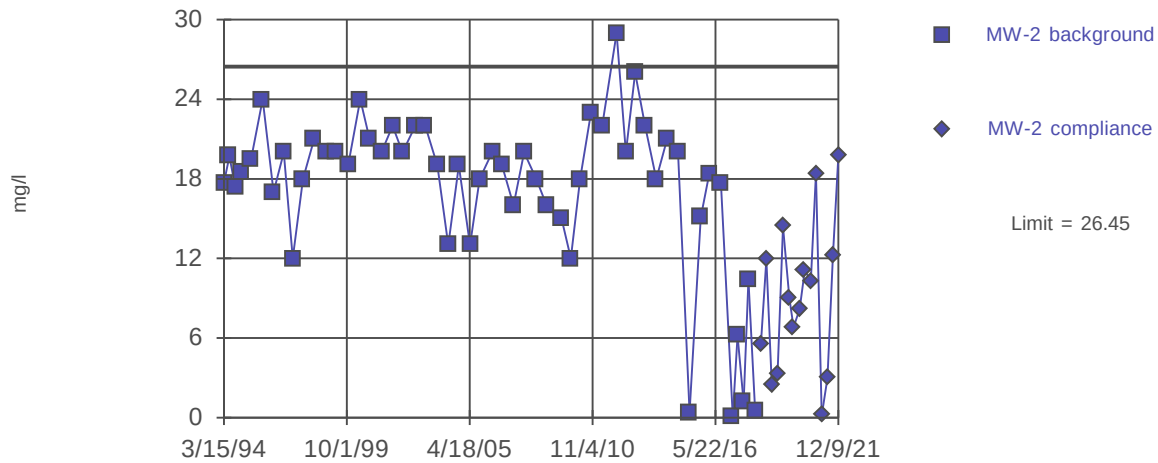
Constituent: Dissolved Solids Analysis Run 1/24/2022 9:07 AM View: Phase 1 - Prediction limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



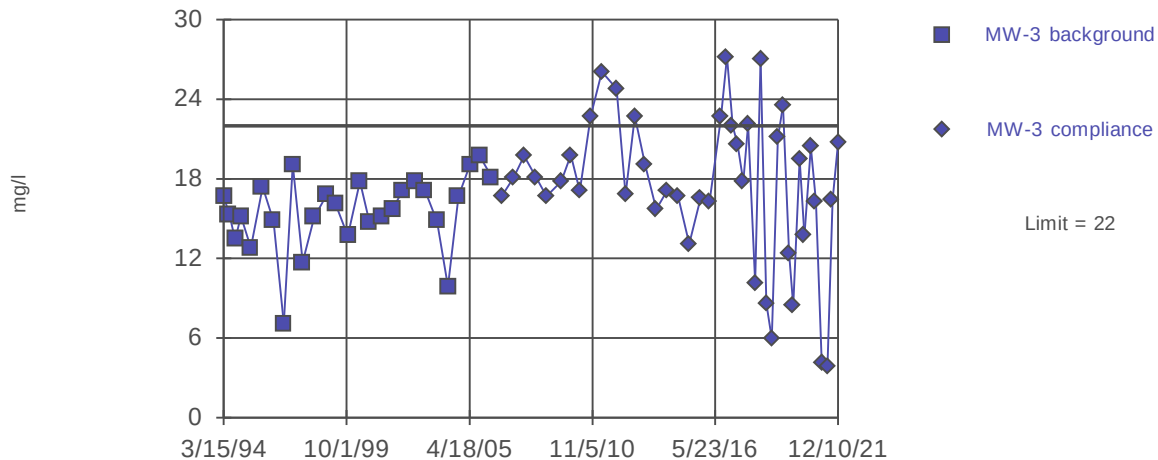
Background Data Summary (based on square transformation): Mean=339.7, Std. Dev.=168.2, n=53. Seasonality was not detected with 95% confidence. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.942, critical = 0.938. Kappa = 2.141 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

Constituent: Iron Analysis Run 1/24/2022 9:07 AM View: Phase 1 - Prediction limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



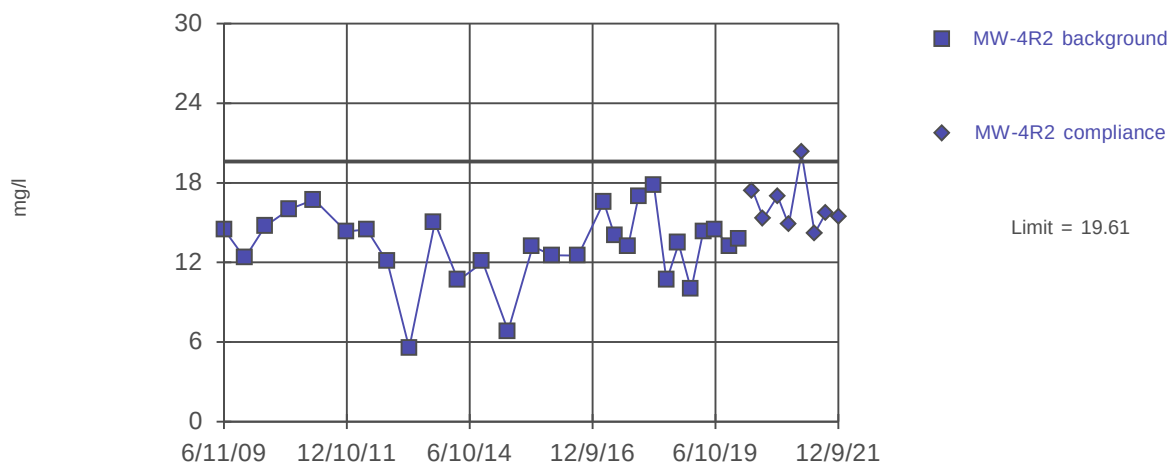
Background Data Summary: Mean=15.51, Std. Dev.=2.826, n=27. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9235, critical = 0.894. Kappa = 2.296 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

Constituent: Iron Analysis Run 2/3/2022 3:30 PM View: Phase 1 -Prediction Limits 4 Q2021
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



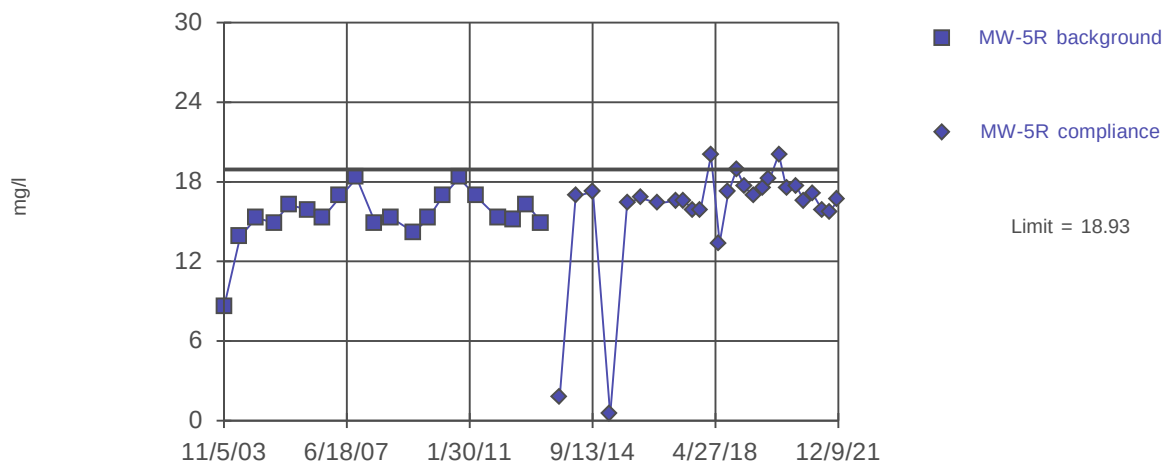
Background Data Summary: Mean=13.27, Std. Dev.=2.778, n=28. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9265, critical = 0.896. Kappa = 2.284 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

Constituent: Iron Analysis Run 1/24/2022 9:07 AM View: Phase 1 - Prediction limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



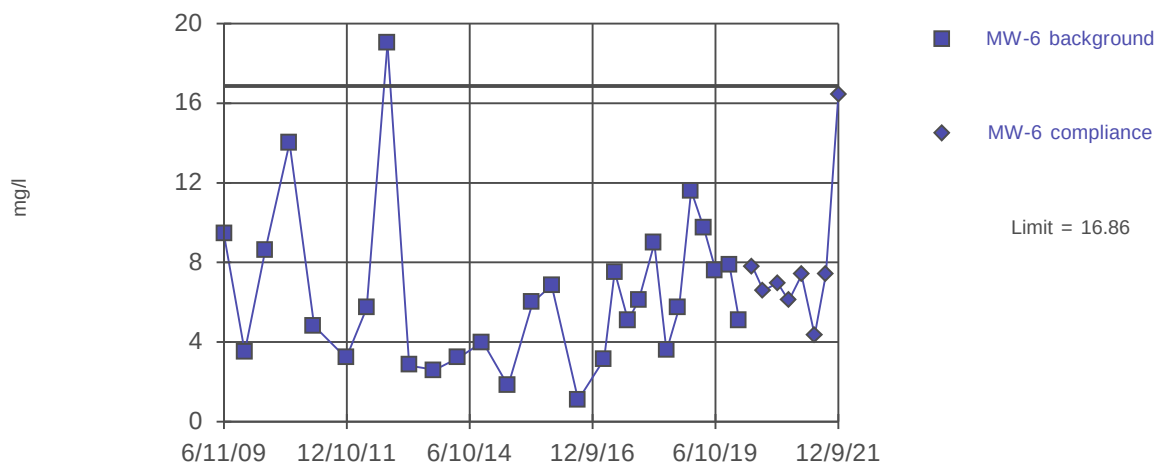
Background Data Summary (based on square transformation): Mean=237.7, Std. Dev.=50.13, n=20. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8719, critical = 0.868. Kappa = 2.41 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

Constituent: Iron Analysis Run 1/24/2022 9:07 AM View: Phase 1 - Prediction limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



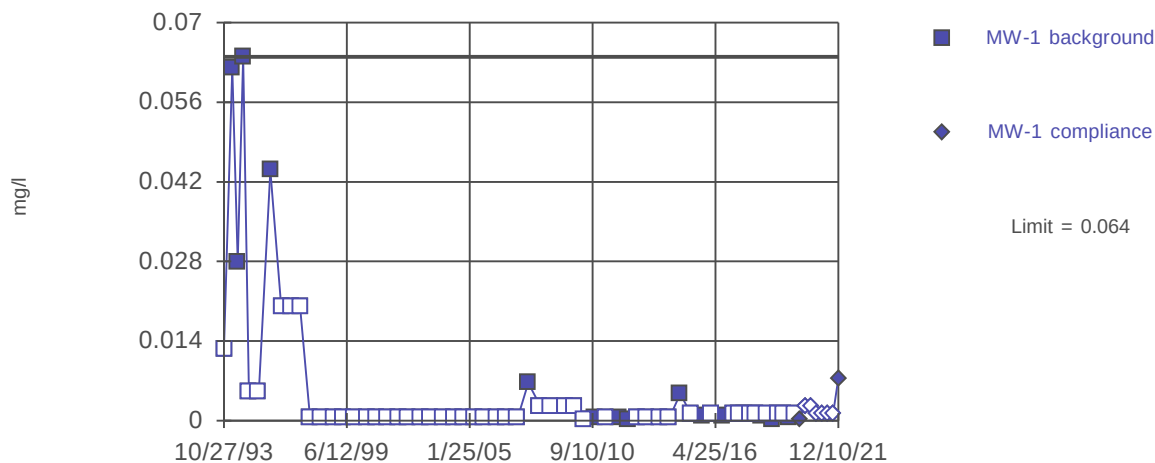
Background Data Summary (based on square root transformation): Mean=2.417, Std. Dev.=0.7393, n=28. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9767, critical = 0.896. Kappa = 2.284 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

Constituent: Iron Analysis Run 1/24/2022 9:07 AM View: Phase 1 - Prediction limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Non-parametric

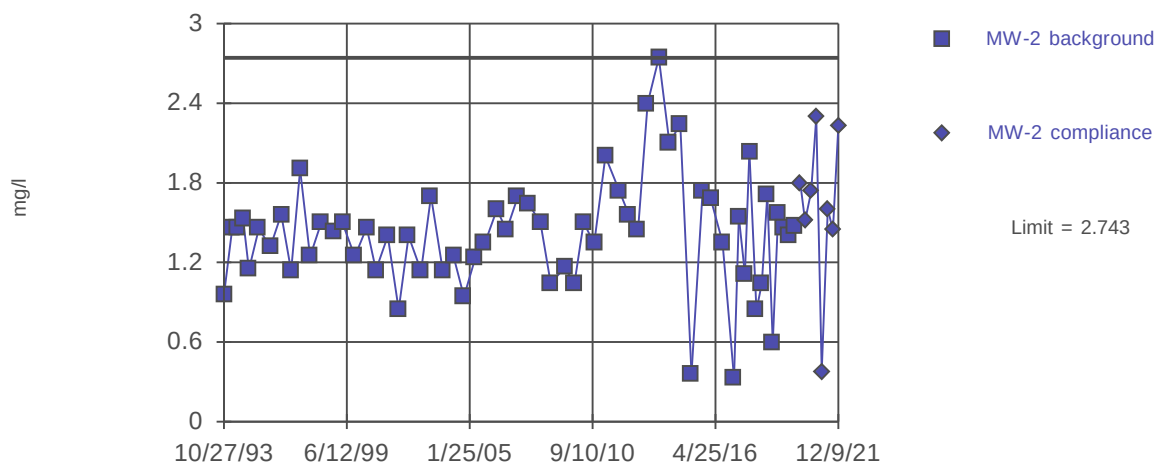


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 61 background values. 75.41% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.0005132 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Lead Analysis Run 1/24/2022 9:07 AM View: Phase 1 - Prediction limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit Intrawell Non-parametric

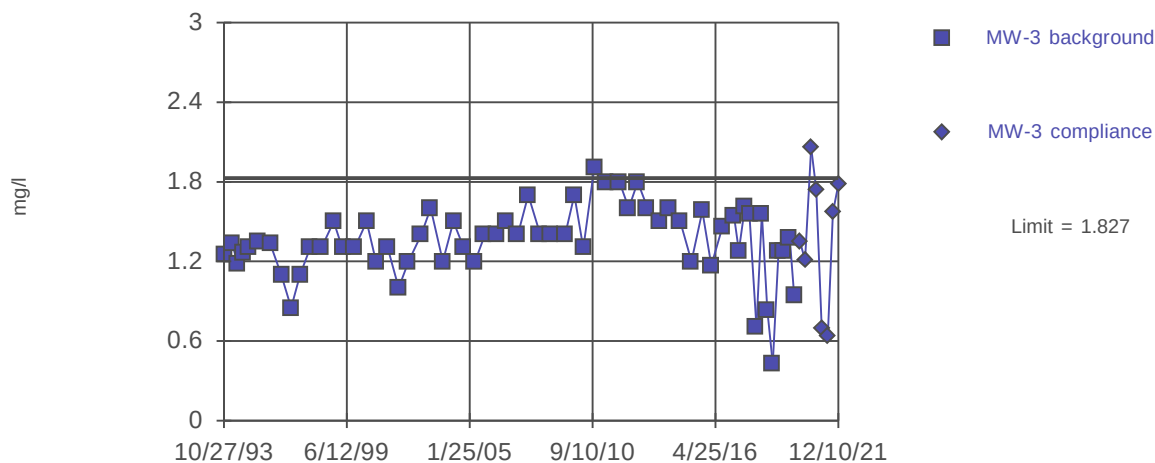


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 61 background values. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.0005132 (1 of 2). Data were deseasonalized.

Constituent: Manganese Analysis Run 1/24/2022 9:07 AM View: Phase 1 - Prediction limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit Intrawell Parametric



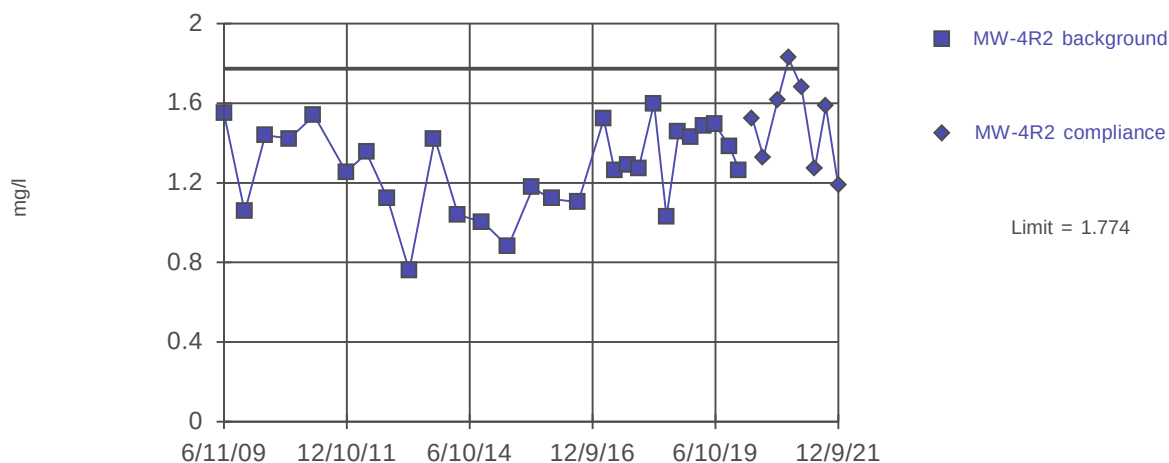
Background Data Summary (based on square transformation): Mean=1.905, Std. Dev.=0.676, n=61. Seasonality was not detected with 95% confidence. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9758, critical = 0.946. Kappa = 2.118 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

Constituent: Manganese Analysis Run 1/24/2022 9:07 AM View: Phase 1 - Prediction limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.275, Std. Dev.=0.2186, n=28. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9507, critical = 0.896. Kappa = 2.284 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

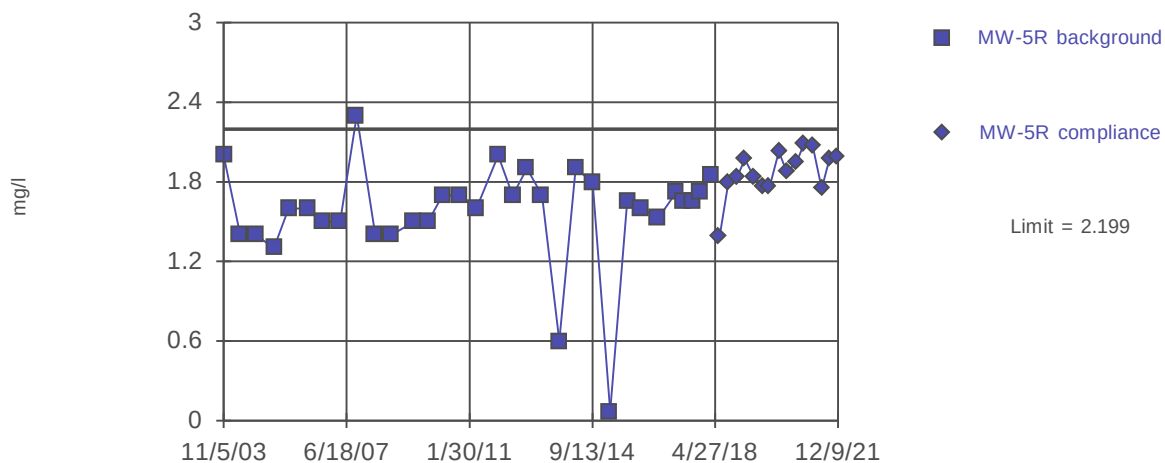
Constituent: Manganese Analysis Run 1/24/2022 9:07 AM View: Phase 1 - Prediction limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=2.637, Std. Dev.=0.9789, n=32. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9351, critical = 0.904. Kappa = 2.244 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

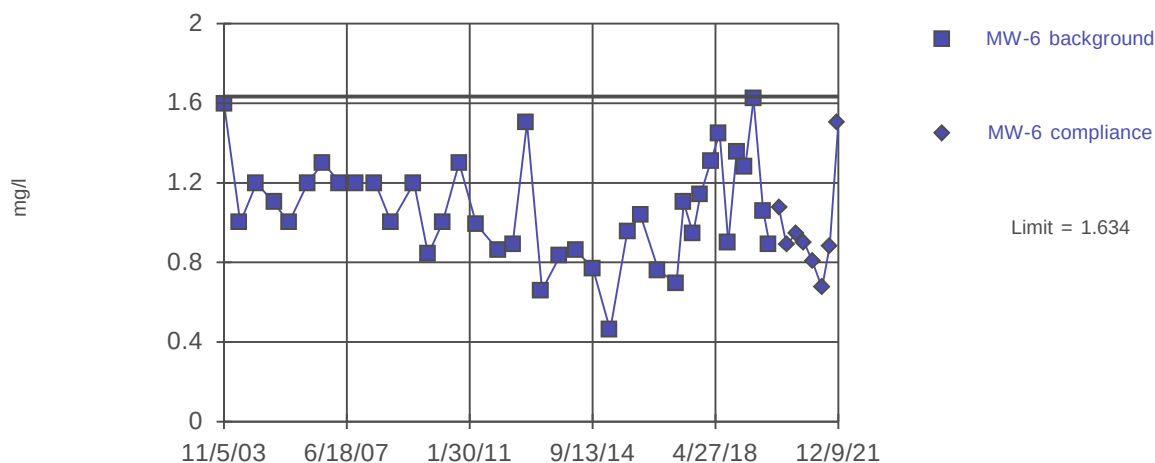
Constituent: Manganese Analysis Run 2/3/2022 3:30 PM View: Phase 1 -Prediction Limits 4 Q2021

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



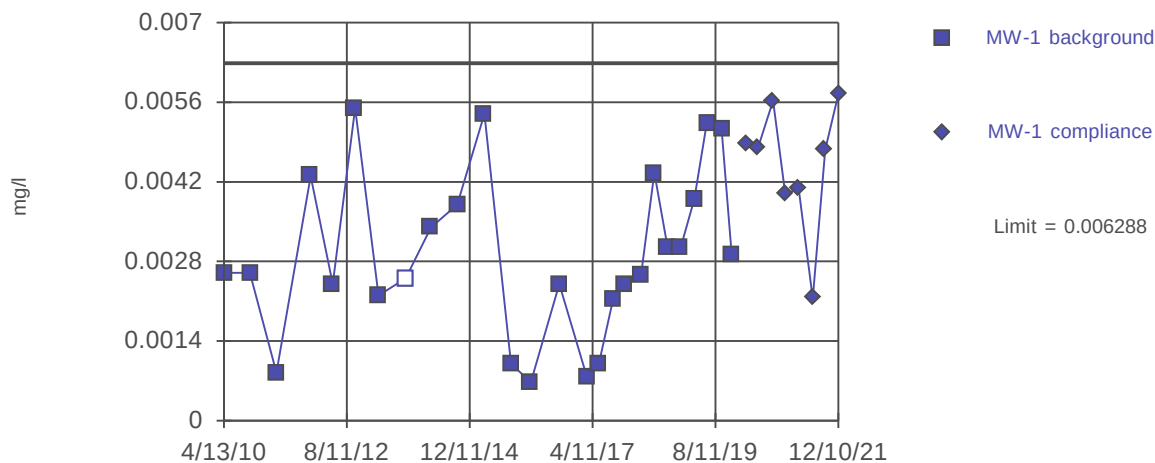
Background Data Summary: Mean=1.068, Std. Dev.=0.2579, n=39. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9842, critical = 0.917. Kappa = 2.196 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

Constituent: Manganese Analysis Run 1/24/2022 9:07 AM View: Phase 1 - Prediction limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric

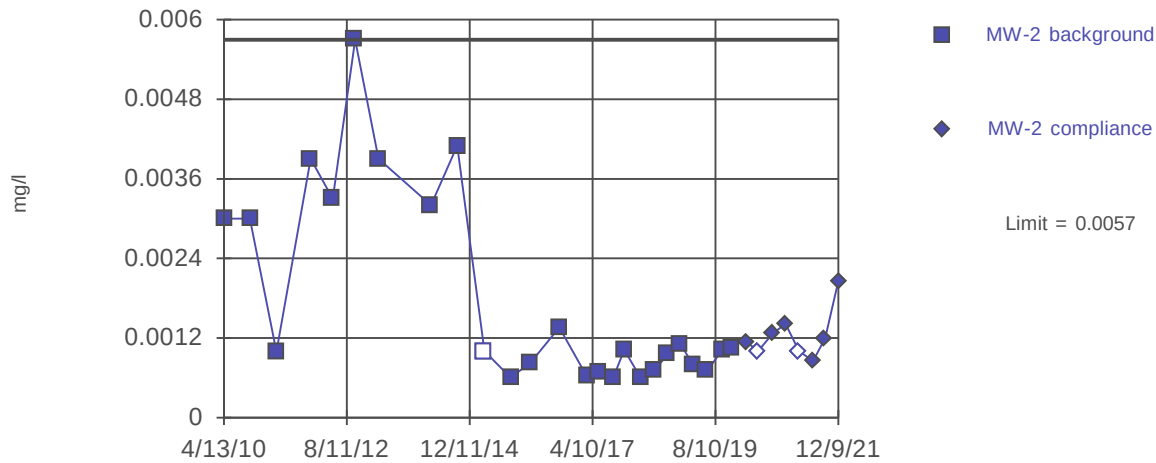


Background Data Summary: Mean=0.002925, Std. Dev.=0.001457, n=26, 3.846% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9365, critical = 0.891. Kappa = 2.308 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

Constituent: Nickel Analysis Run 1/24/2022 9:07 AM View: Phase 1 - Prediction limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit Intrawell Non-parametric

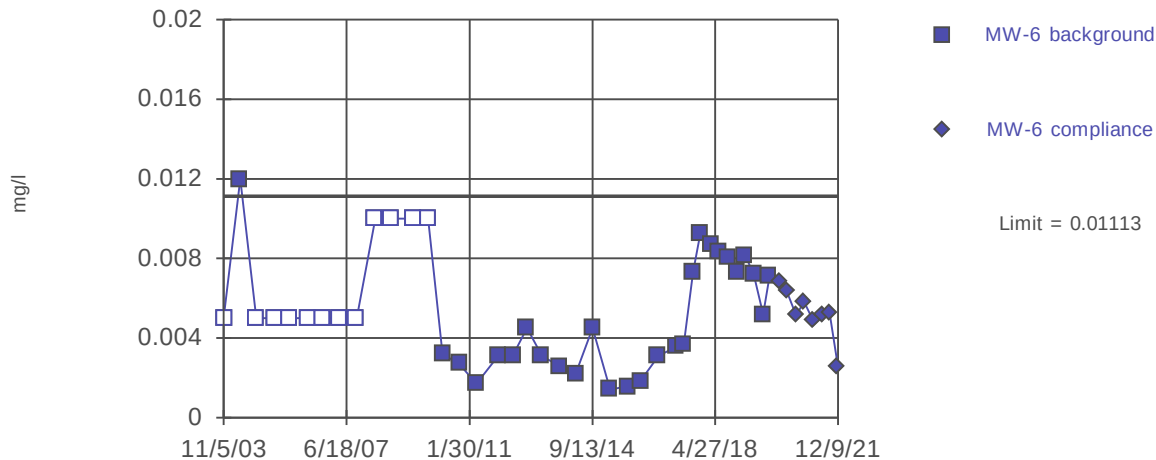


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 25 background values. 4% NDs. Well-constituent pair annual alpha = 0.01115. Individual comparison alpha = 0.002799 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Nickel Analysis Run 1/24/2022 9:07 AM View: Phase 1 - Prediction limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit Intrawell Parametric

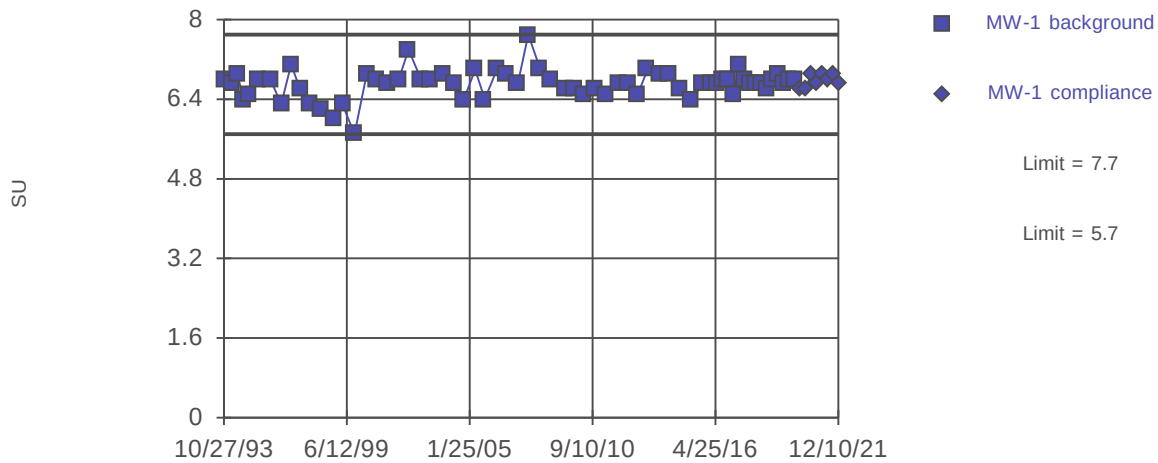


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.004718, Std. Dev.=0.002918, n=39, 30.77% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9288, critical = 0.917. Kappa = 2.196 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

Constituent: Nickel Analysis Run 2/3/2022 3:30 PM View: Phase 1 -Prediction Limits 4 Q2021
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limits

Prediction Limit Intrawell Non-parametric

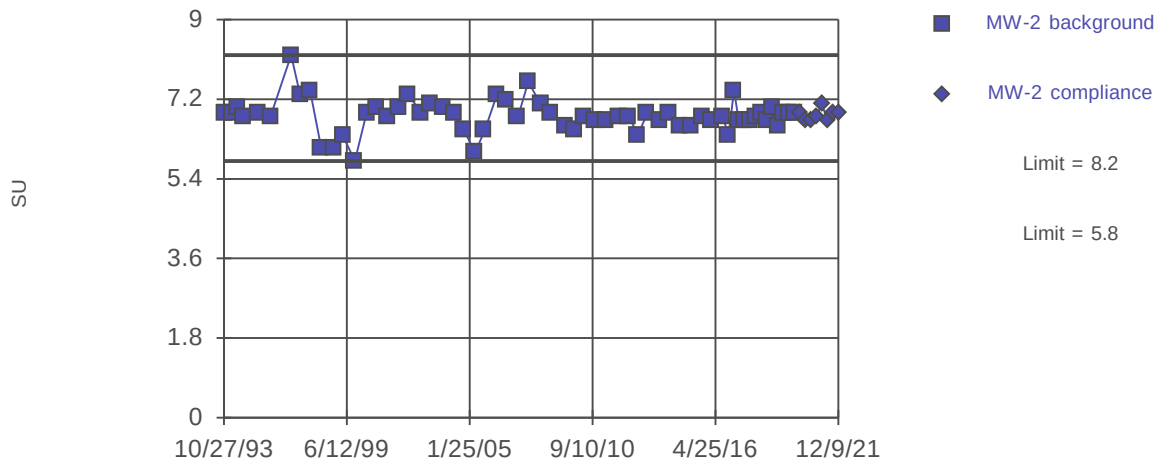


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 63 background values. Well-constituent pair annual alpha = 0.003884. Individual comparison alpha = 0.0009718 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: pH Analysis Run 1/24/2022 9:07 AM View: Phase 1 - Prediction limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limits

Prediction Limit Intrawell Non-parametric



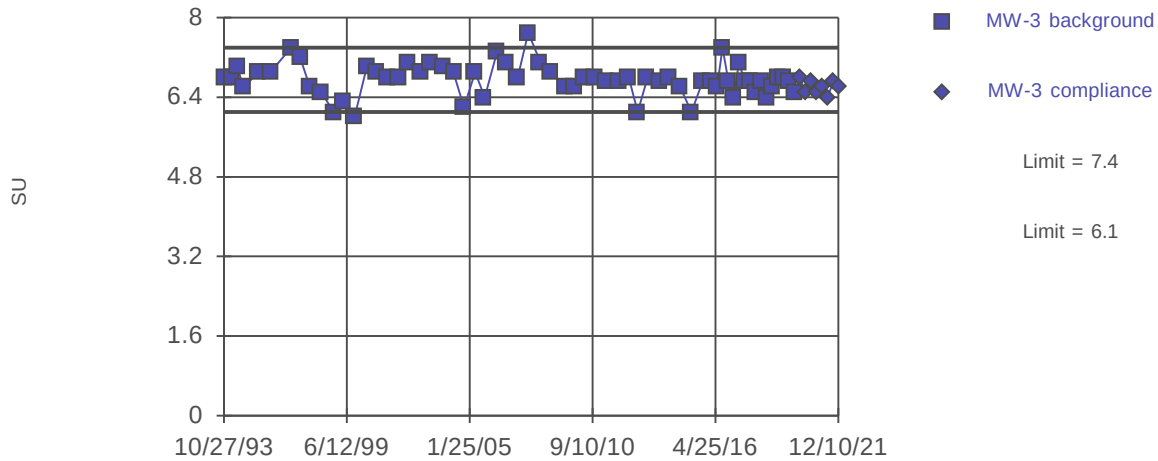
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 60 background values. Well-constituent pair annual alpha = 0.004212. Individual comparison alpha = 0.001054 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: pH Analysis Run 1/24/2022 9:07 AM View: Phase 1 - Prediction limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limits

Prediction Limit

Intrawell Parametric



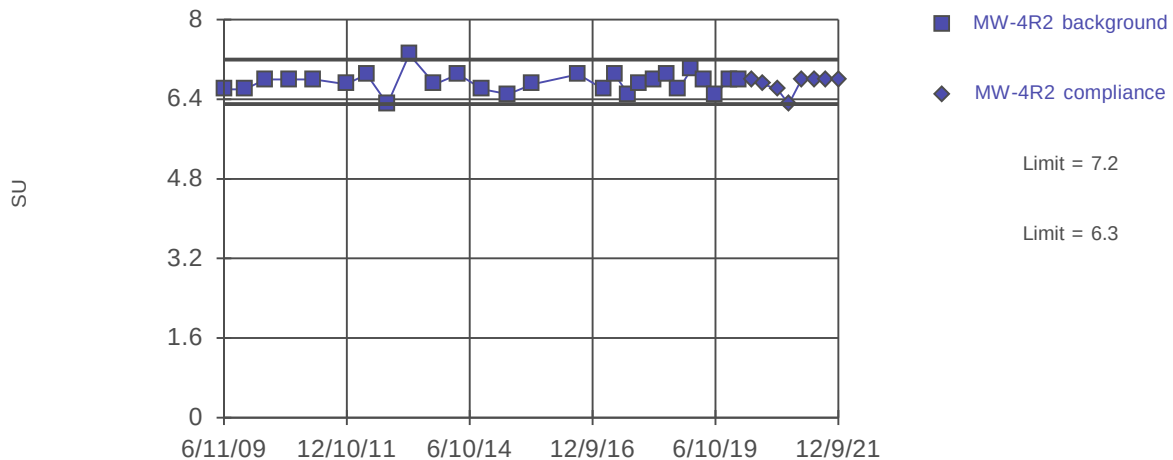
Background Data Summary: Mean=6.756, Std. Dev.=0.3243, n=61. Seasonality was not detected with 95% confidence. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9589, critical = 0.946. Kappa = 2.118 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

Constituent: pH Analysis Run 1/24/2022 9:07 AM View: Phase 1 - Prediction limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limits

Prediction Limit

Intrawell Parametric



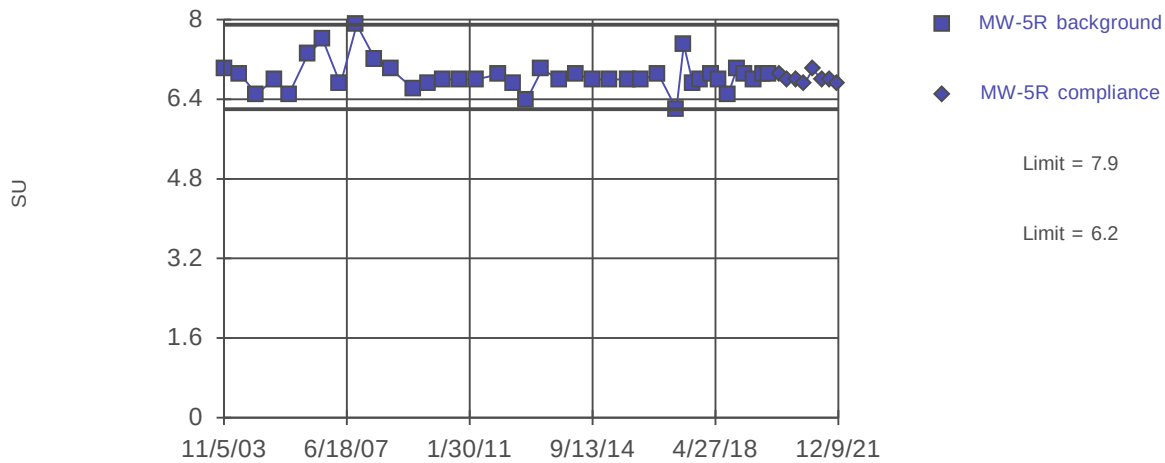
Background Data Summary: Mean=6.741, Std. Dev.=0.1966, n=27. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9493, critical = 0.894. Kappa = 2.296 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

Constituent: pH Analysis Run 1/24/2022 9:08 AM View: Phase 1 - Prediction limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limits

Prediction Limit

Intrawell Non-parametric



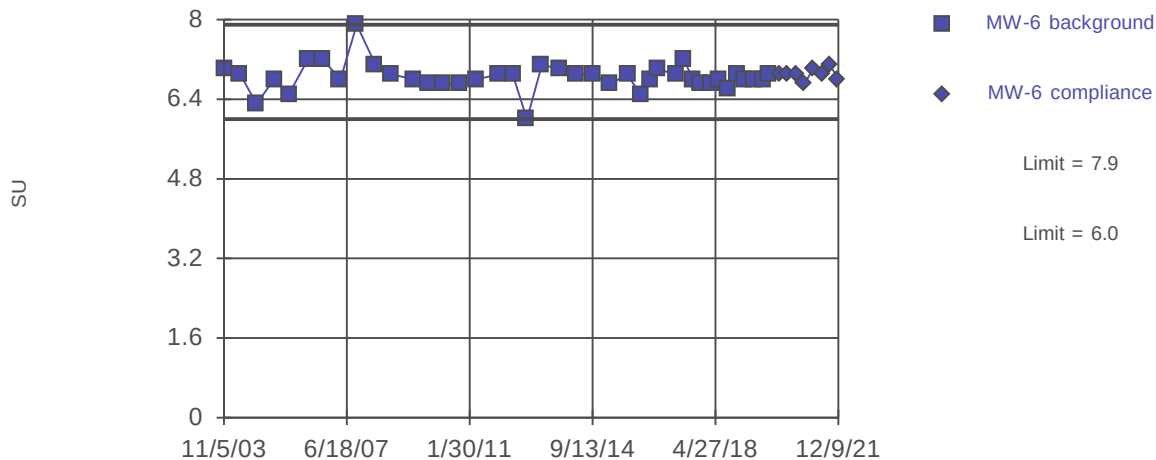
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 39 background values. Well-constituent pair annual alpha = 0.009737. Individual comparison alpha = 0.002439 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: pH Analysis Run 1/24/2022 9:08 AM View: Phase 1 - Prediction limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limits

Prediction Limit

Intrawell Non-parametric



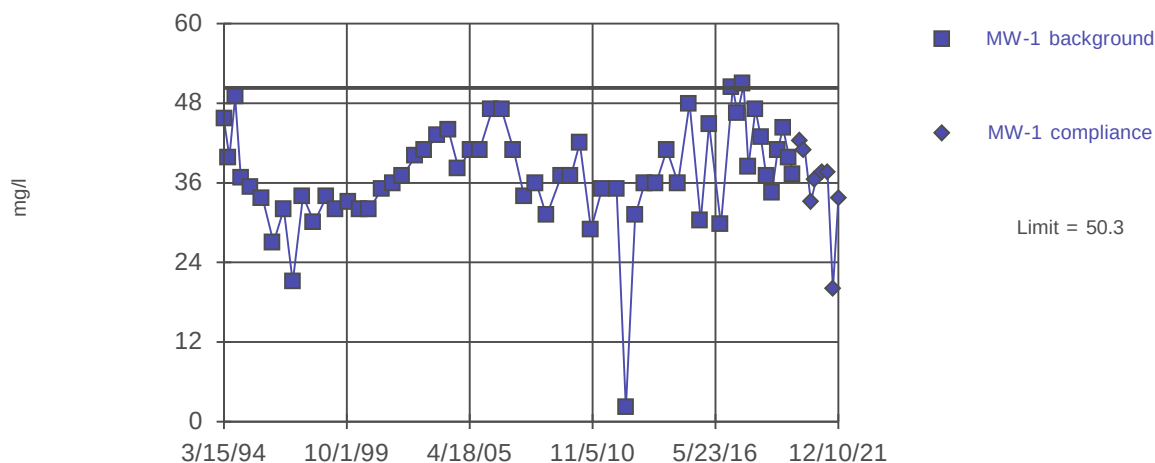
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 40 background values. Well-constituent pair annual alpha = 0.009204. Individual comparison alpha = 0.002305 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: pH Analysis Run 1/24/2022 9:08 AM View: Phase 1 - Prediction limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



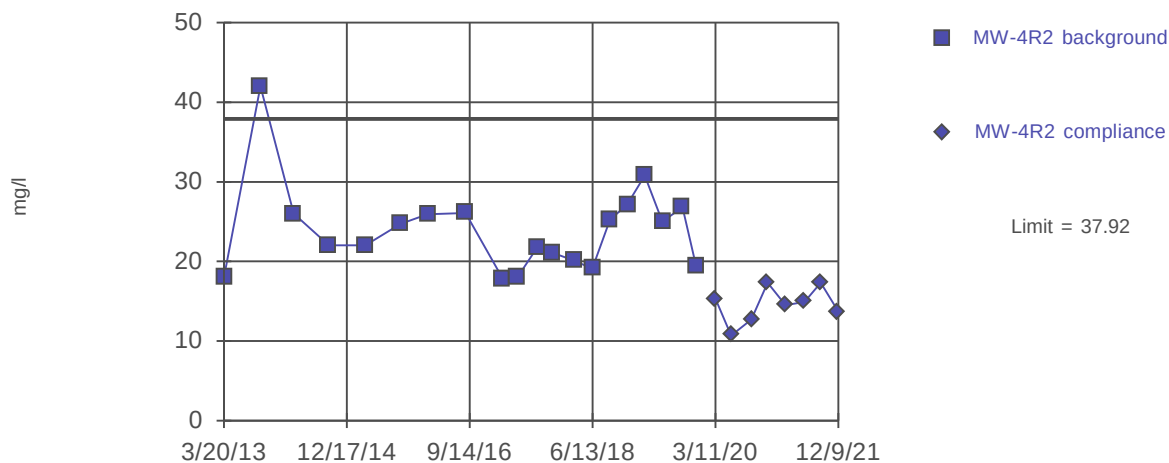
Background Data Summary (based on square transformation): Mean=1450, Std. Dev.=509.6, n=60. Seasonality was not detected with 95% confidence. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9709, critical = 0.945. Kappa = 2.12 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

Constituent: Sulfate Analysis Run 1/24/2022 9:08 AM View: Phase 1 - Prediction limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



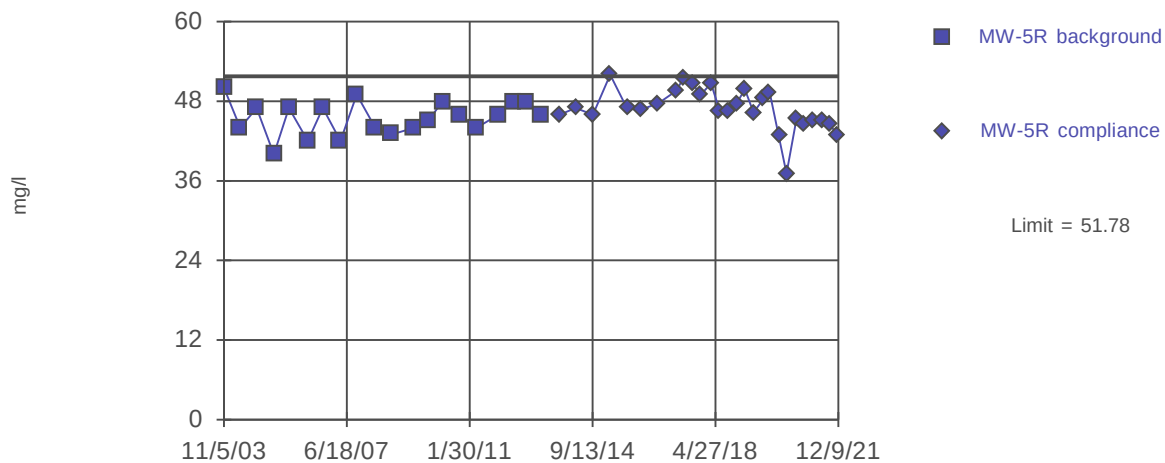
Background Data Summary (based on square root transformation): Mean=4.868, Std. Dev.=0.5353, n=20. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8814, critical = 0.868. Kappa = 2.41 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

Constituent: Sulfate Analysis Run 1/24/2022 9:08 AM View: Phase 1 - Prediction limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=45.5, Std. Dev.=2.606, n=20. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9719, critical = 0.868. Kappa = 2.41 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

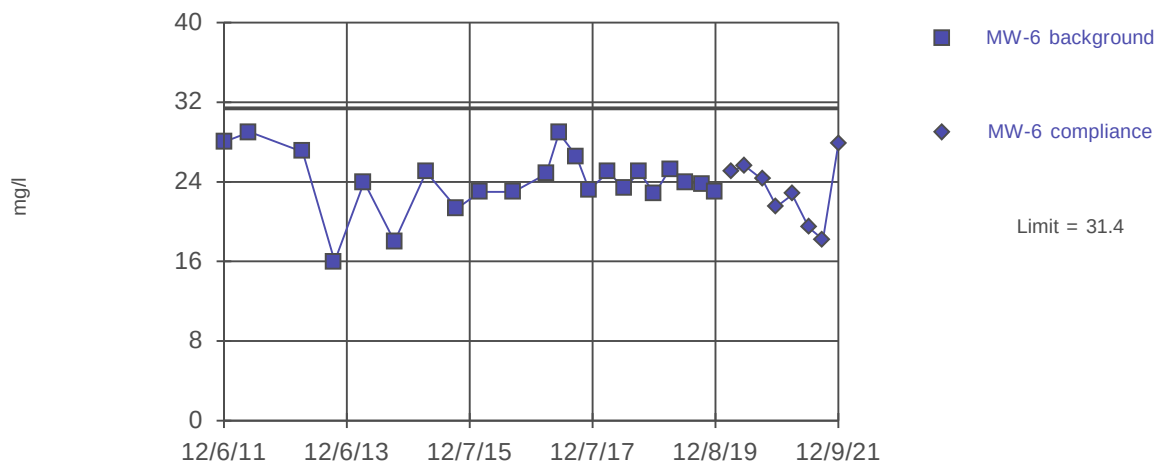
Constituent: Sulfate Analysis Run 1/24/2022 9:08 AM View: Phase 1 - Prediction limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



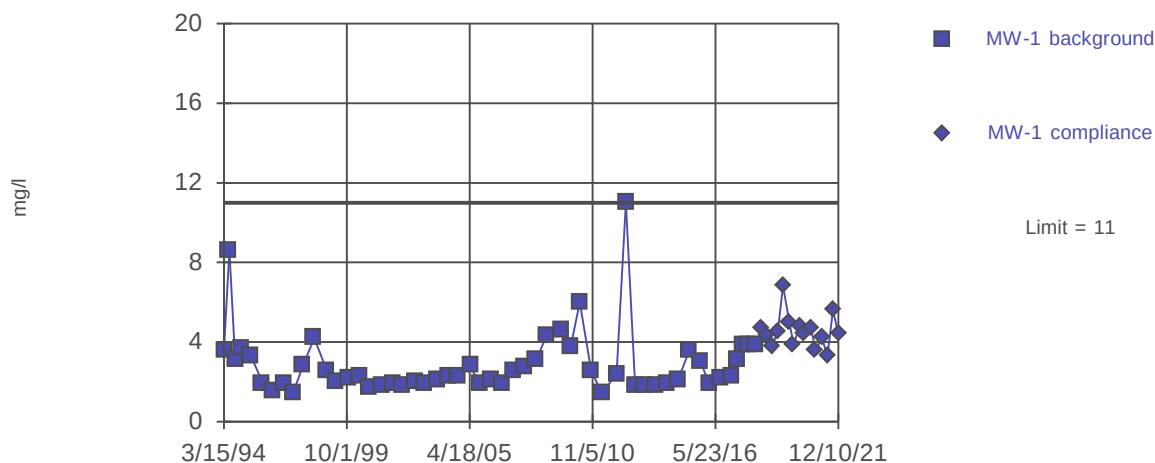
Background Data Summary: Mean=24.09, Std. Dev.=3.077, n=22. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9196, critical = 0.878. Kappa = 2.374 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

Constituent: Sulfate Analysis Run 1/24/2022 9:08 AM View: Phase 1 - Prediction limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit Intrawell Non-parametric

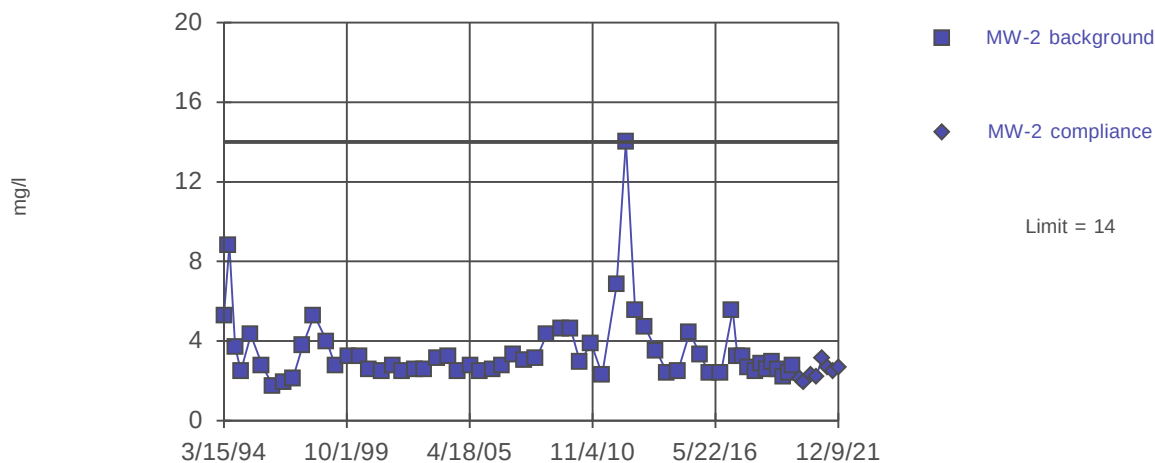


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 53 background values. Well-constituent pair annual alpha = 0.00273. Individual comparison alpha = 0.0006833 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: TOC [Total Organic Carbon] Analysis Run 1/24/2022 9:08 AM View: Phase 1 - Prediction limit
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit Intrawell Non-parametric

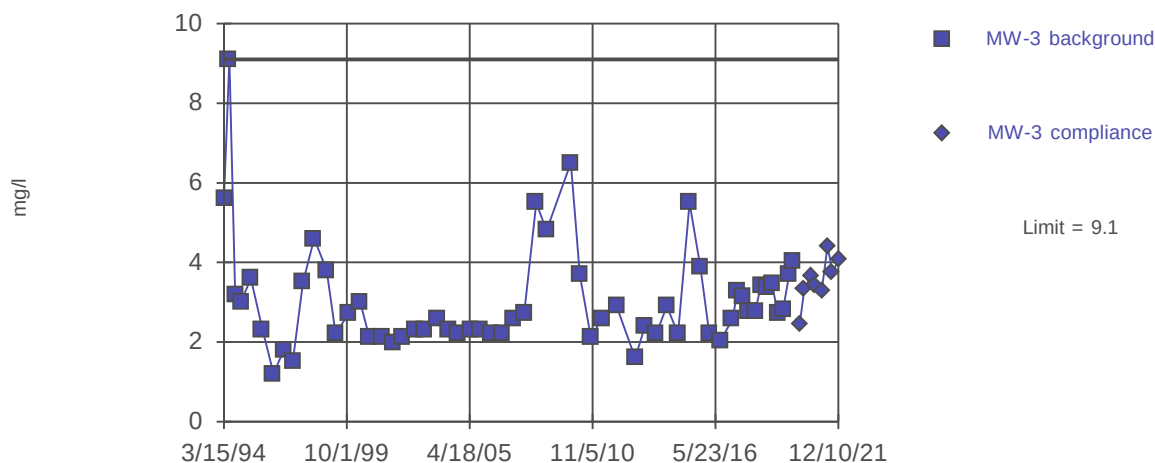


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 60 background values. Well-constituent pair annual alpha = 0.002106. Individual comparison alpha = 0.0005269 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: TOC [Total Organic Carbon] Analysis Run 1/24/2022 9:08 AM View: Phase 1 - Prediction limit
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit Intrawell Non-parametric

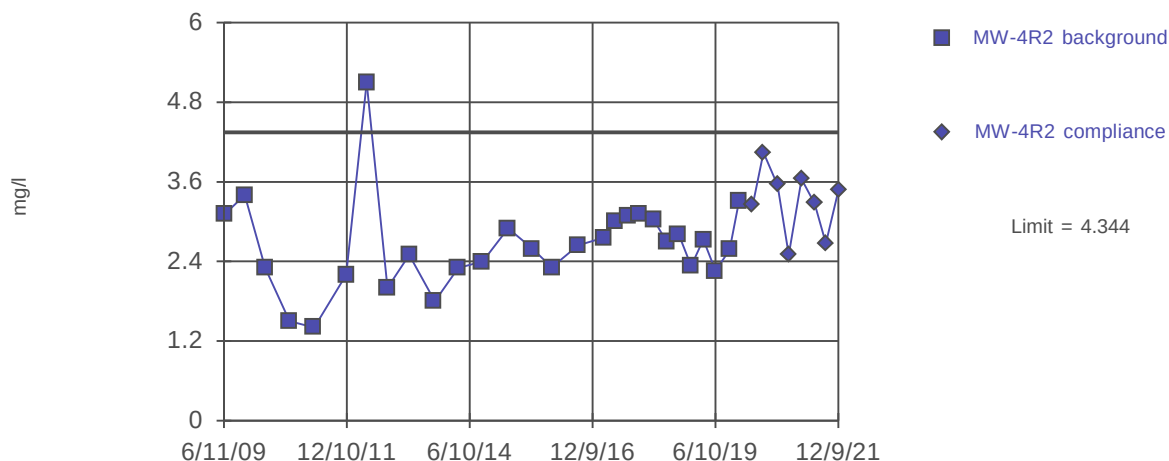


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 58 background values. Well-constituent pair annual alpha = 0.002284. Individual comparison alpha = 0.0005716 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: TOC [Total Organic Carbon] Analysis Run 1/24/2022 9:08 AM View: Phase 1 - Prediction limit
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit Intrawell Parametric

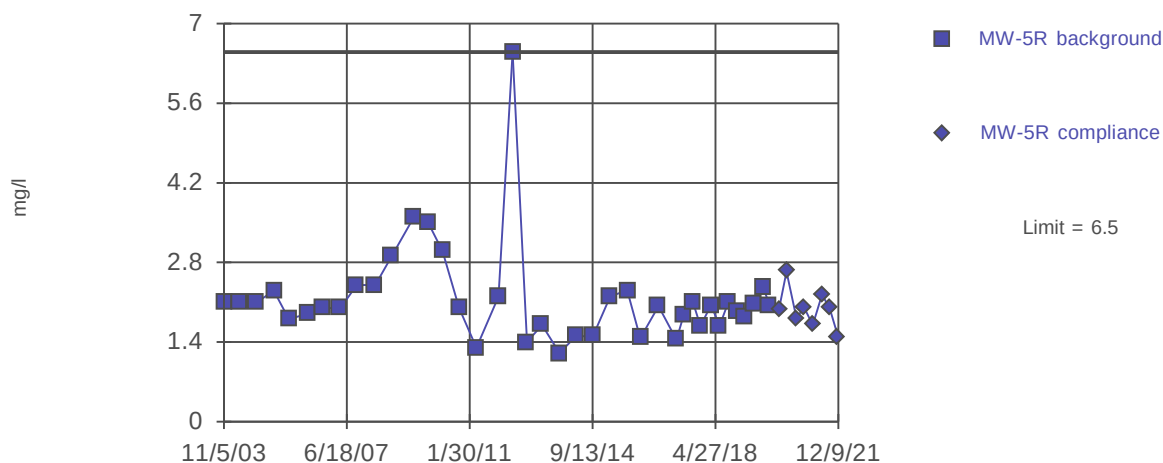


Background Data Summary (based on square root transformation): Mean=1.615, Std. Dev.=0.2057, n=28. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9352, critical = 0.896. Kappa = 2.284 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

Constituent: TOC [Total Organic Carbon] Analysis Run 1/24/2022 9:08 AM View: Phase 1 - Prediction limit
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit Intrawell Non-parametric

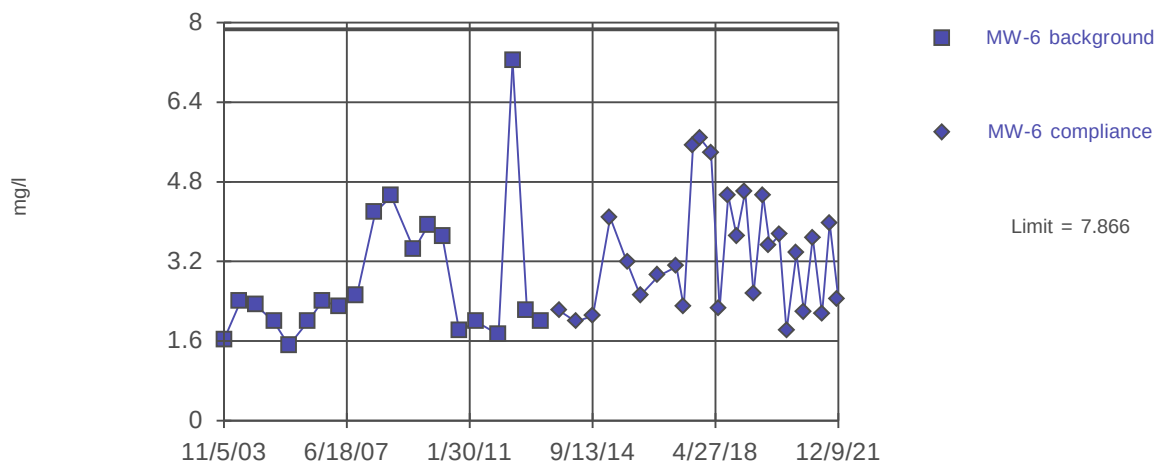


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 39 background values. Well-constituent pair annual alpha = 0.004868. Individual comparison alpha = 0.001219 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: TOC [Total Organic Carbon] Analysis Run 1/24/2022 9:13 AM View: Phase 1 - Prediction limit
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit Intrawell Parametric

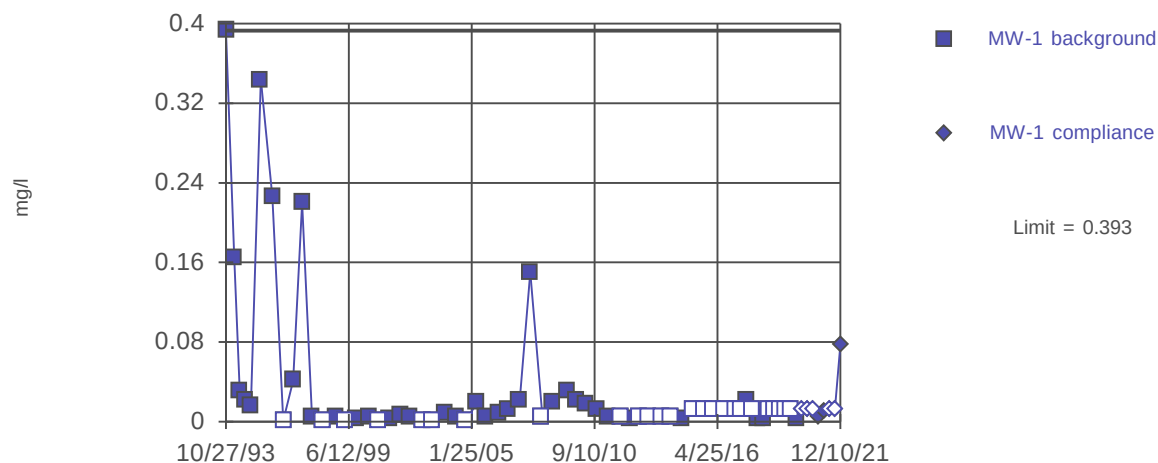


Background Data Summary (based on natural log transformation): Mean=0.8455, Std. Dev.=0.505, n=20. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9018, critical = 0.868. Kappa = 2.41 (c=10, w=5, 1 of 2, event alpha = 0.026). Report alpha = 0.0005267.

Constituent: TOC [Total Organic Carbon] Analysis Run 1/24/2022 9:08 AM View: Phase 1 - Prediction limit
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit Intrawell Non-parametric

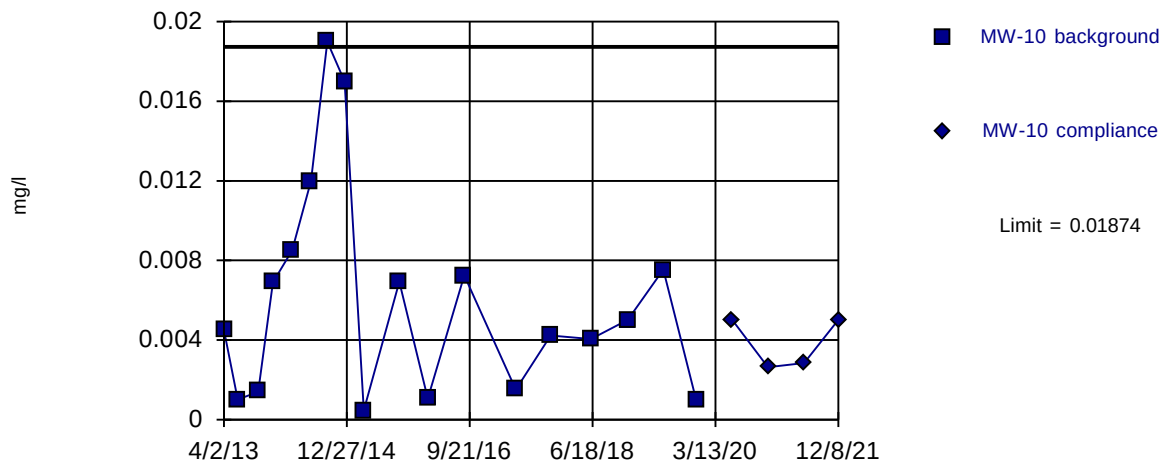


Prediction Limits, Phase 2 Detection Monitoring

Within Limit

Prediction Limit

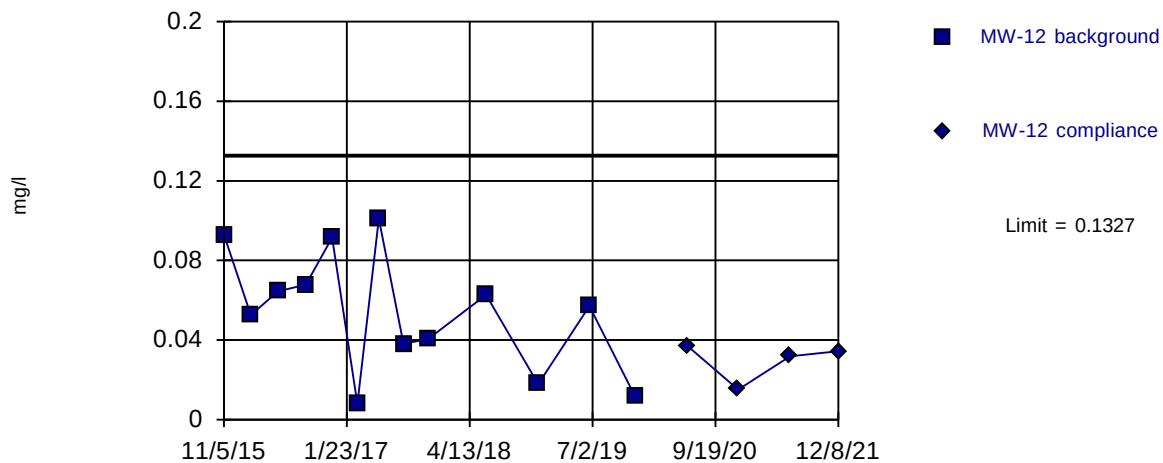
Intrawell Parametric



Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.05425, Std. Dev.=0.03059, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9476, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

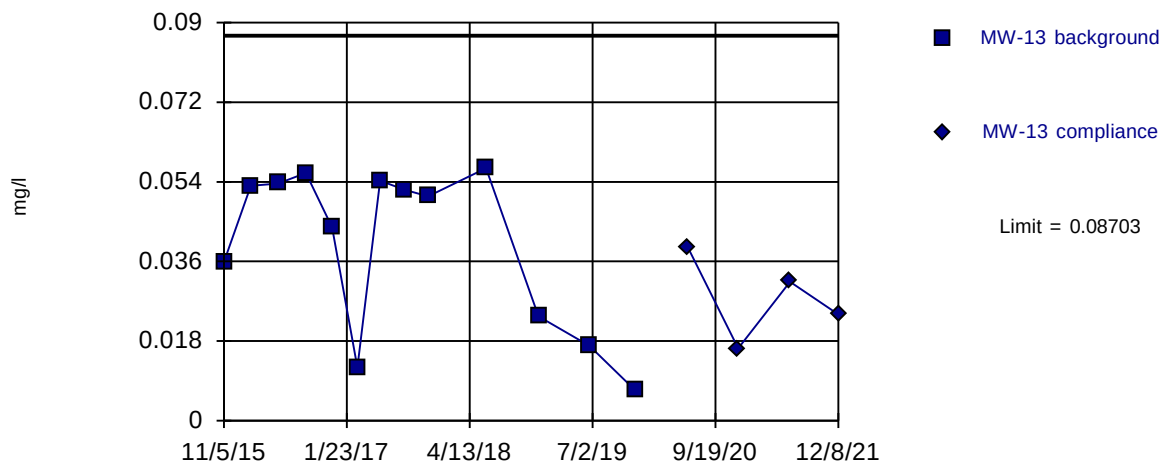
Constituent: Arsenic Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03968, Std. Dev.=0.01846, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8245, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

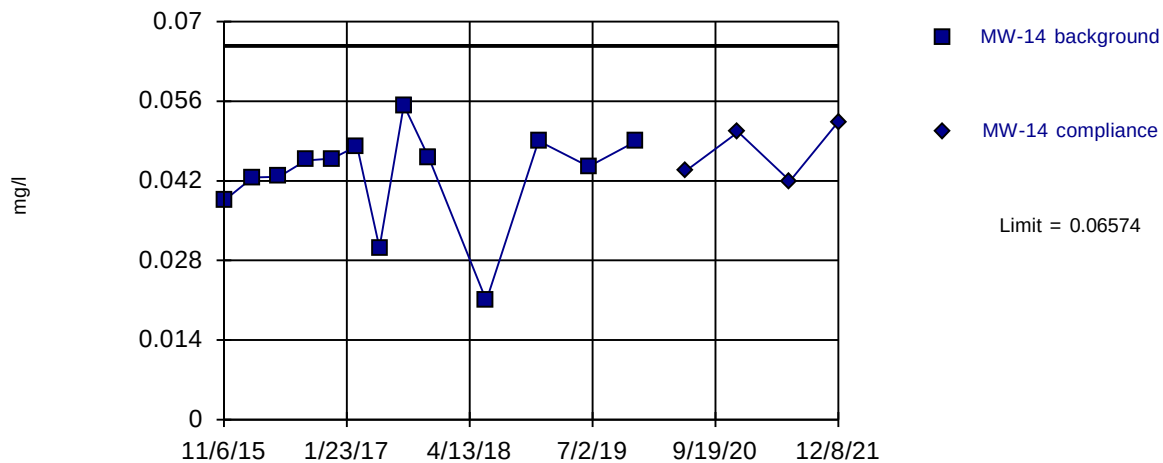
Constituent: Arsenic Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.04295, Std. Dev.=0.008888, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8619, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

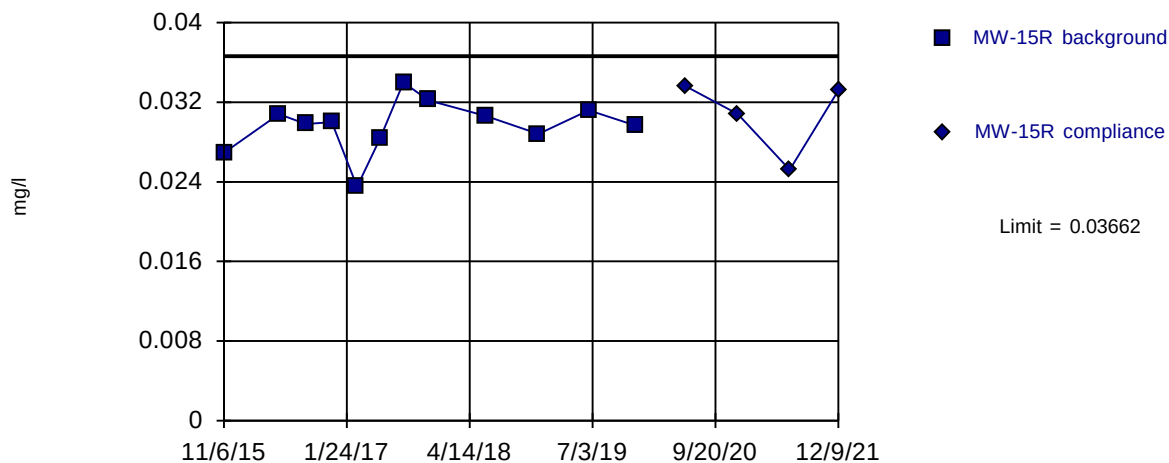
Constituent: Arsenic Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02965, Std. Dev.=0.002665, n=12. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9462, critical = 0.805. Kappa = 2.617 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

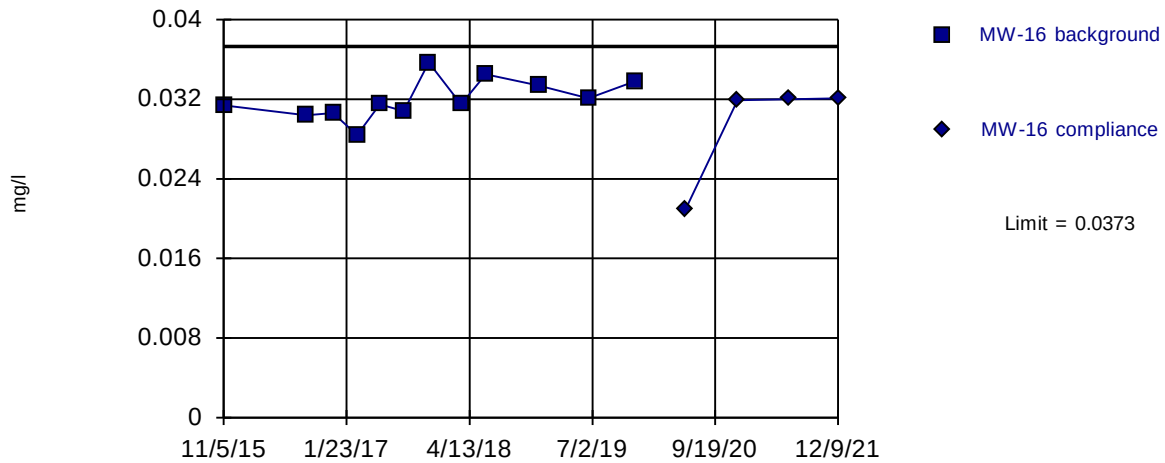
Constituent: Arsenic Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



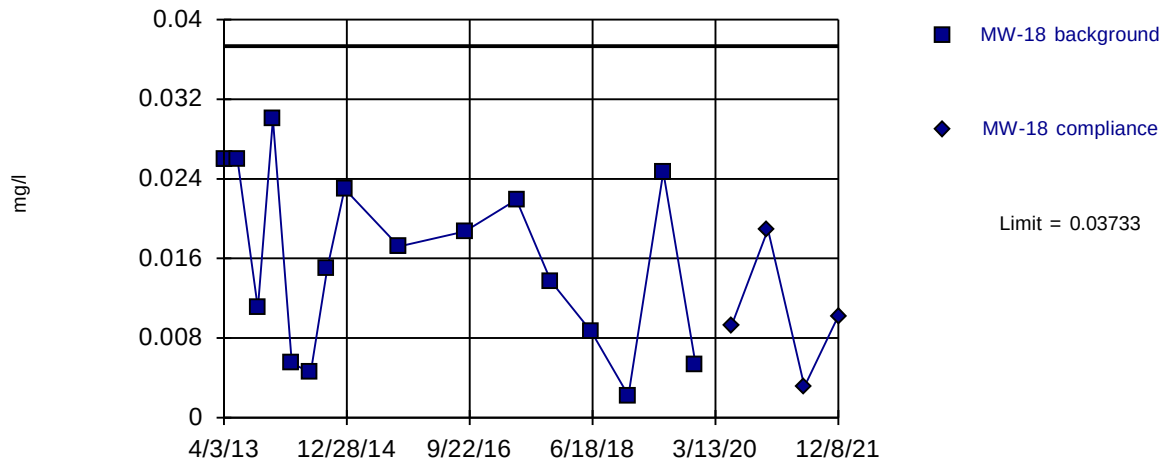
Background Data Summary: Mean=0.03201, Std. Dev.=0.002021, n=12. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.966, critical = 0.805. Kappa = 2.617 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Arsenic Analysis Run 2/3/2022 4:37 PM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



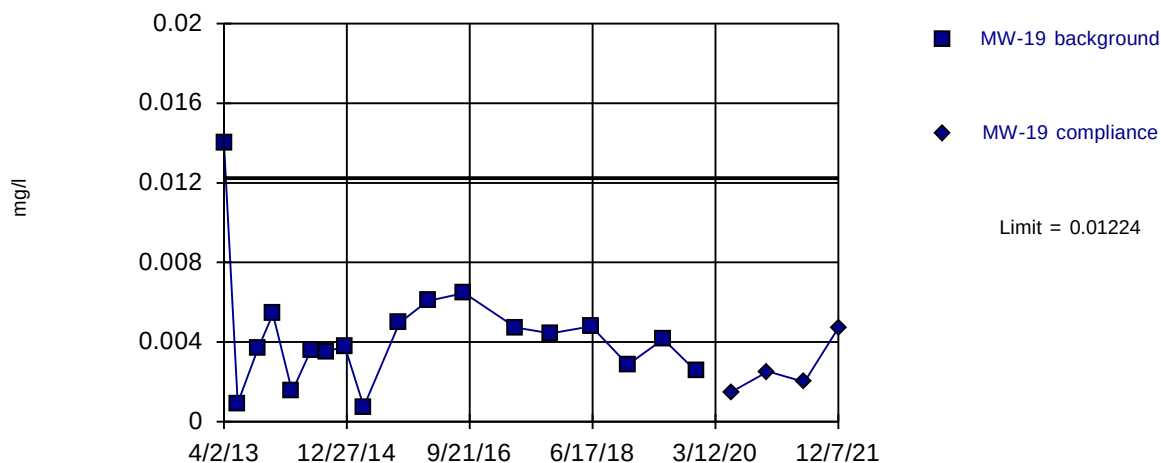
Background Data Summary: Mean=0.01583, Std. Dev.=0.008932, n=16. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9426, critical = 0.844. Kappa = 2.407 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Arsenic Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

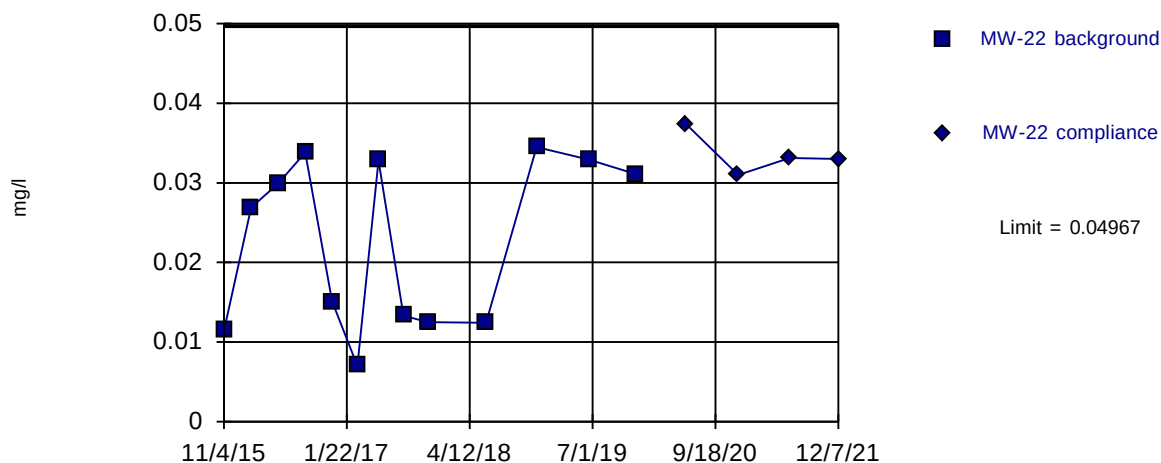
Intrawell Parametric



Within Limit

Prediction Limit

Intrawell Parametric



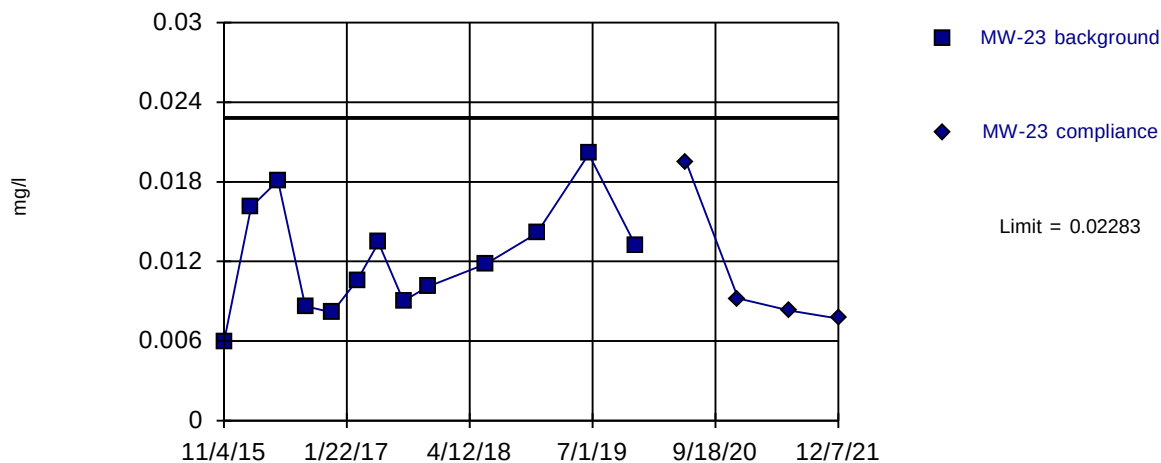
Background Data Summary: Mean=0.02258, Std. Dev.=0.01056, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8309, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Arsenic Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



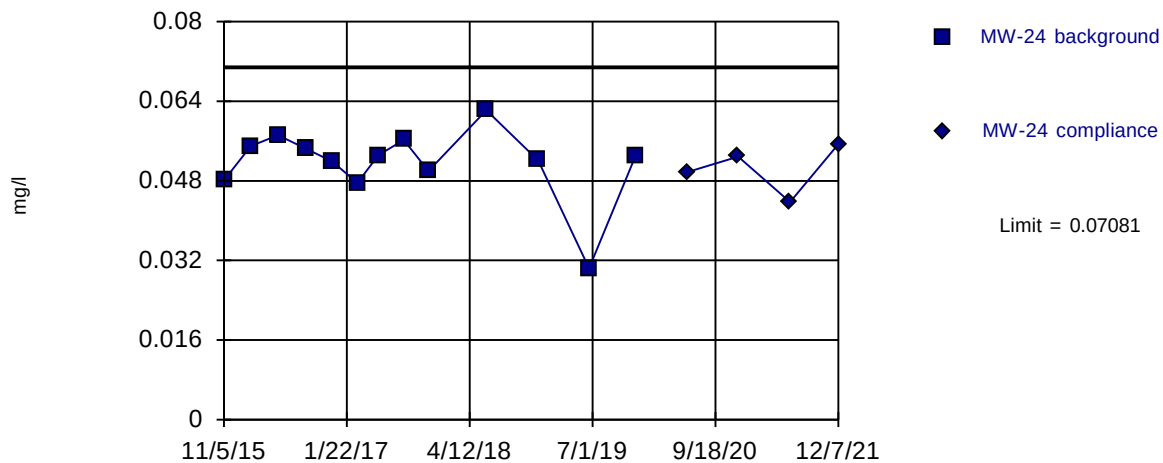
Background Data Summary: Mean=0.01225, Std. Dev.=0.004126, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9703, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Arsenic Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

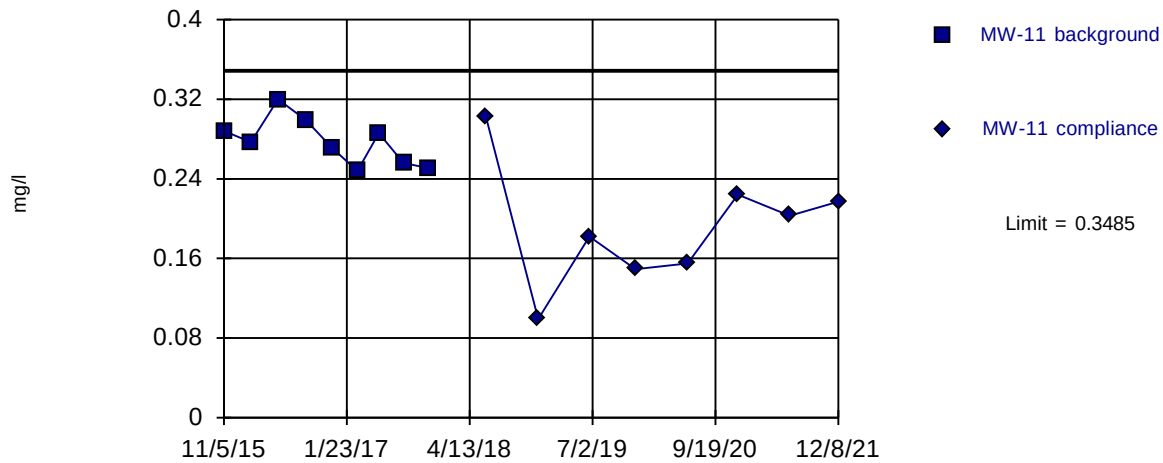
Intrawell Parametric



Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.2773, Std. Dev.=0.02379, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9535, critical = 0.764. Kappa = 2.992 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

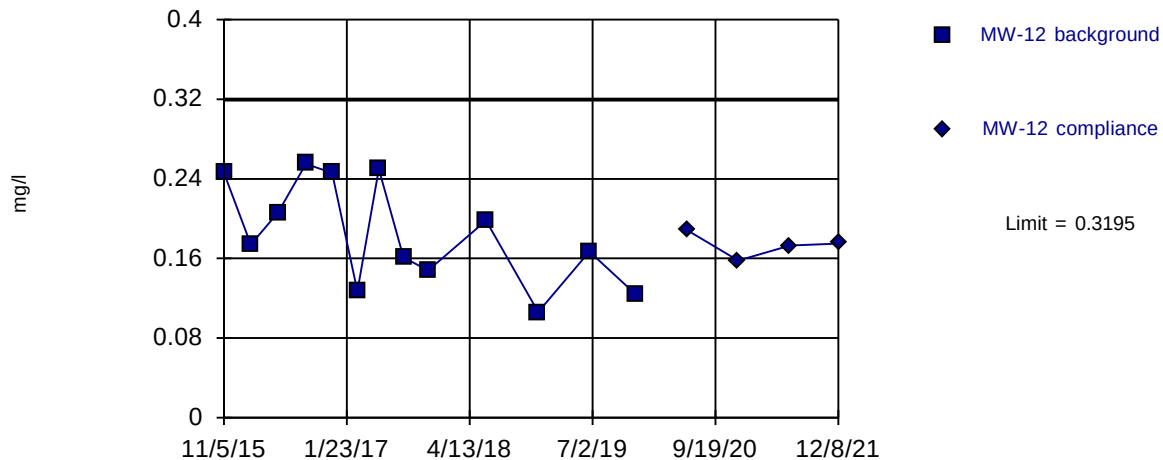
Constituent: Barium Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1852, Std. Dev.=0.05235, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9183, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

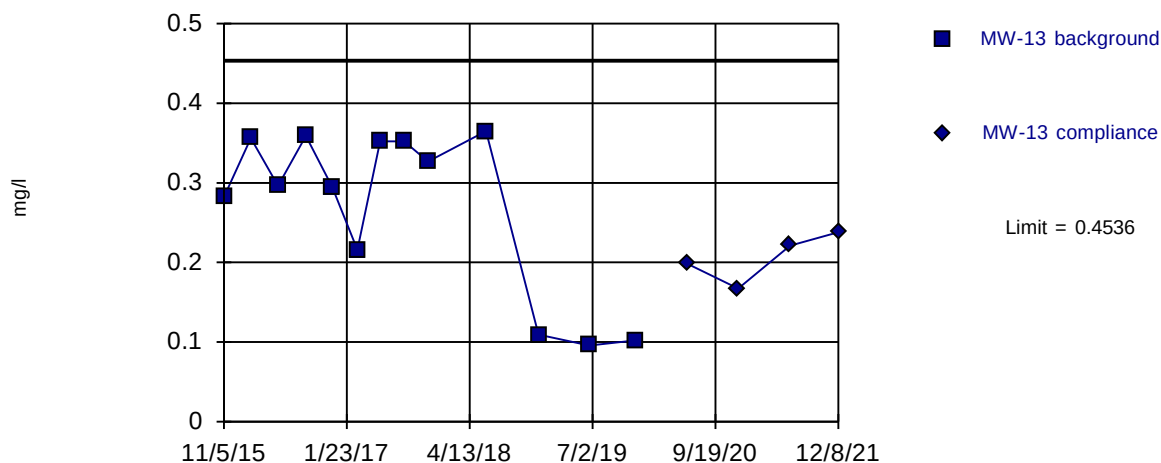
Constituent: Barium Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.08276, Std. Dev.=0.04797, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8448, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

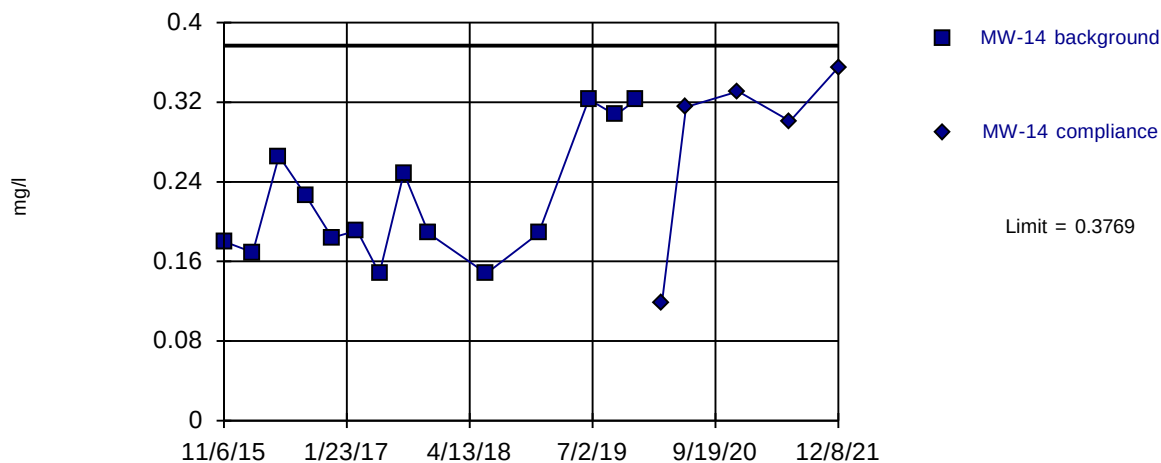
Constituent: Barium Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.2206, Std. Dev.=0.06222, n=14. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.876, critical = 0.825. Kappa = 2.512 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

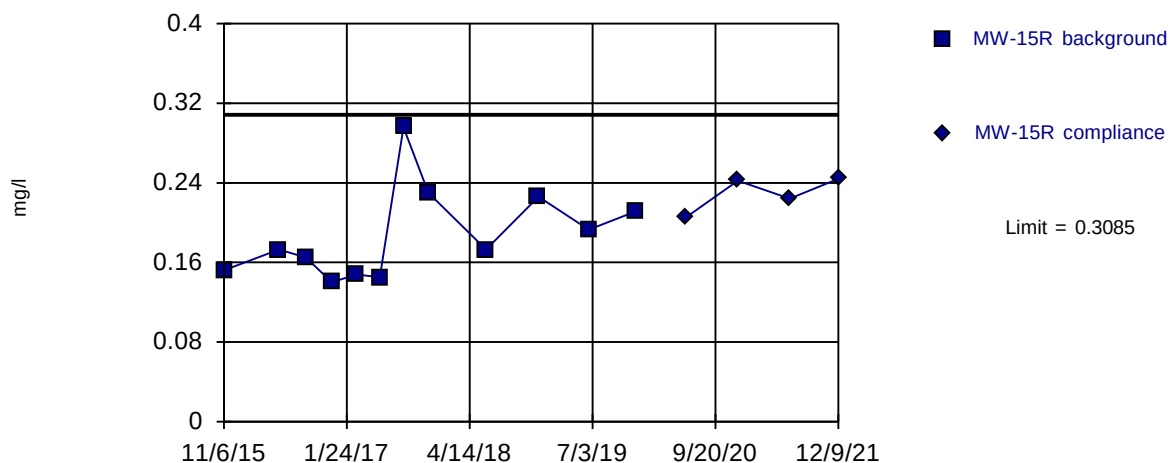
Constituent: Barium Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1877, Std. Dev.=0.04617, n=12. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8832, critical = 0.805. Kappa = 2.617 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

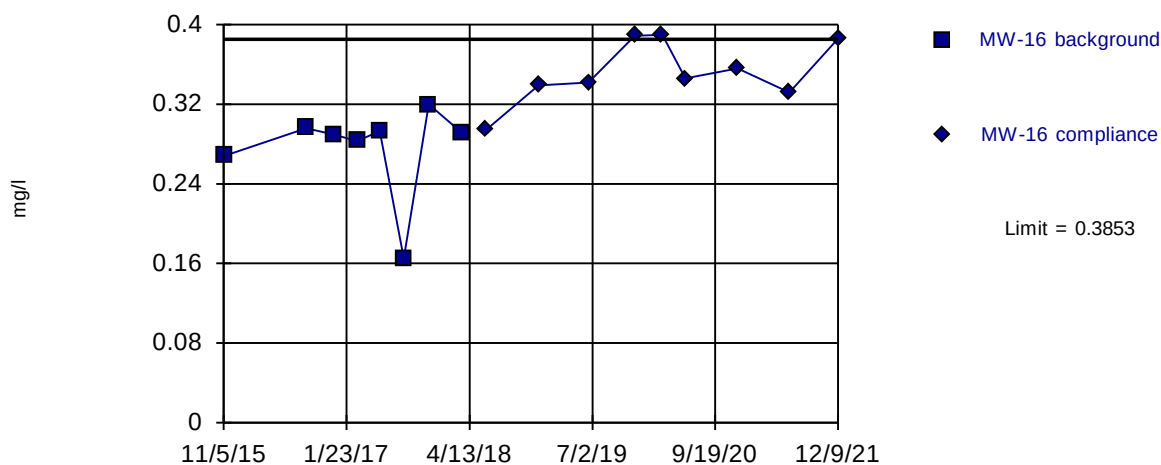
Constituent: Barium Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.07805, Std. Dev.=0.02223, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7684, critical = 0.749. Kappa = 3.167 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

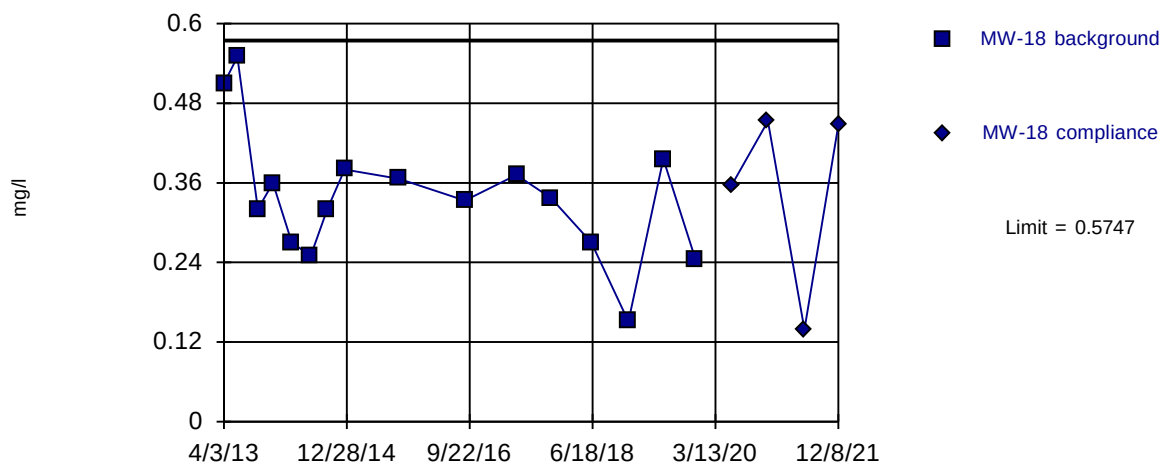
Constituent: Barium Analysis Run 2/3/2022 4:37 PM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

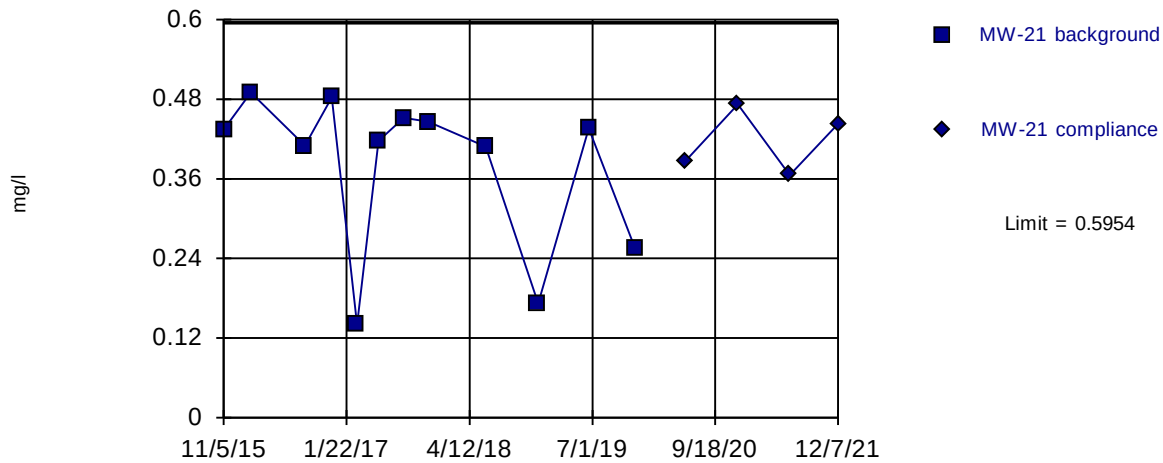
Intrawell Parametric



Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.1565, Std. Dev.=0.07566, n=12. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8309, critical = 0.805. Kappa = 2.617 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

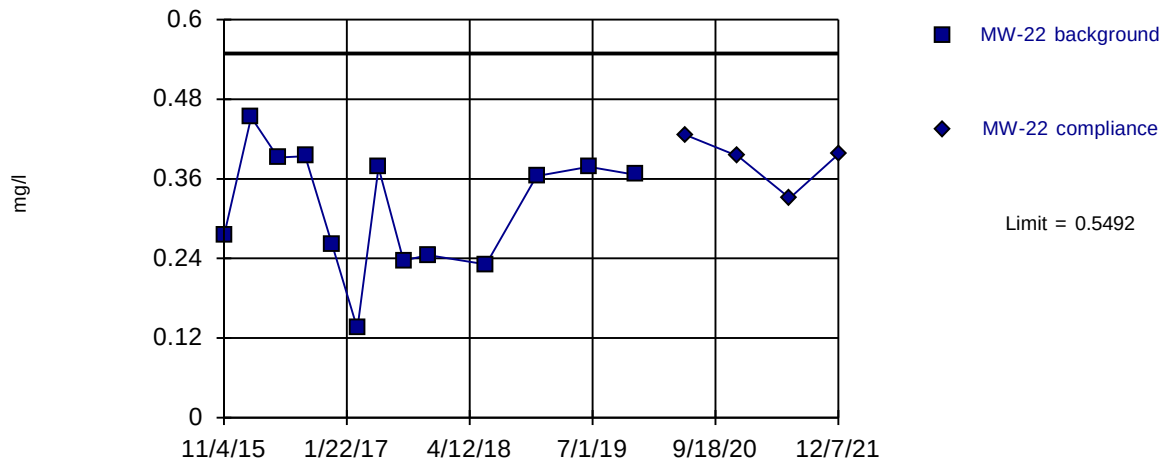
Constituent: Barium Analysis Run 2/3/2022 4:37 PM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



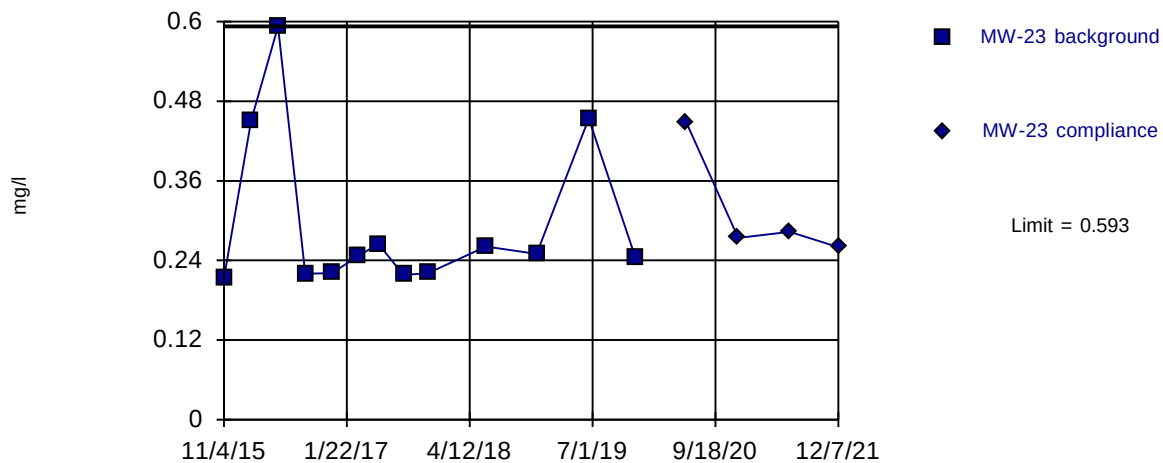
Background Data Summary: Mean=0.3158, Std. Dev.=0.09102, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9231, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit Intrawell Non-parametric

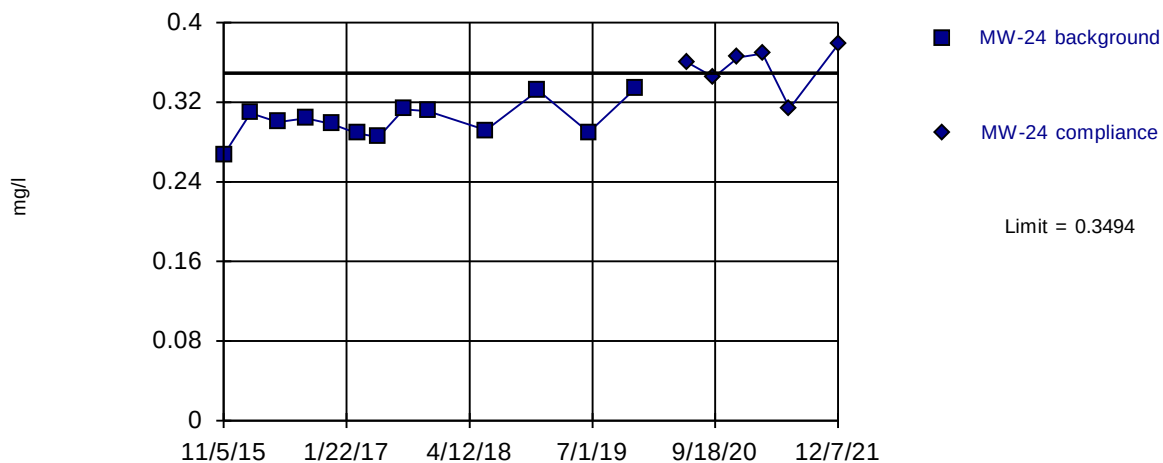


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 13 background values. Well-constituent pair annual alpha = 0.01929. Individual comparison alpha = 0.009692 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Barium Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Exceeds Limit

Prediction Limit Intrawell Parametric



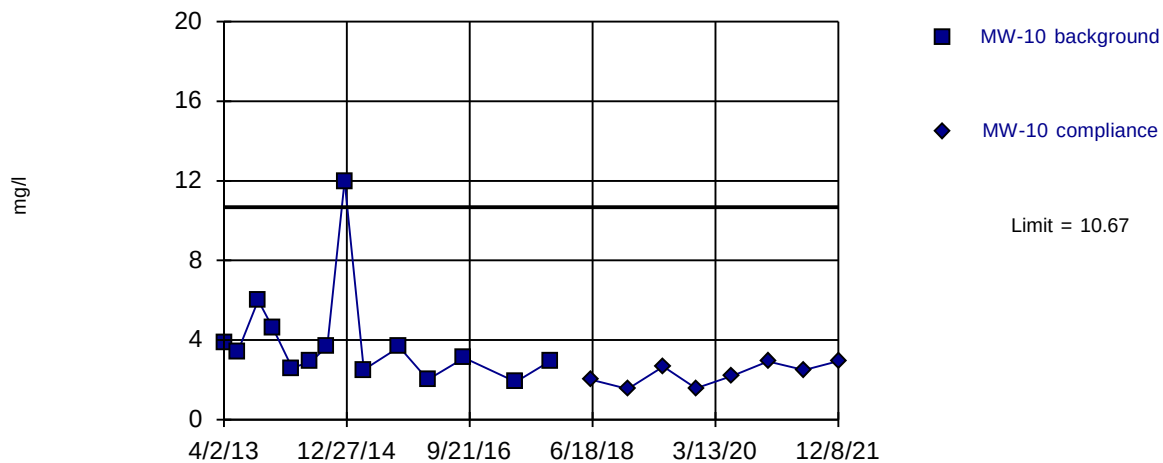
Background Data Summary: Mean=0.3018, Std. Dev.=0.01854, n=13. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.965, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Barium Analysis Run 2/3/2022 4:37 PM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=1.534, Std. Dev.=0.2655, n=14. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8295, critical = 0.825. Kappa = 2.512 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

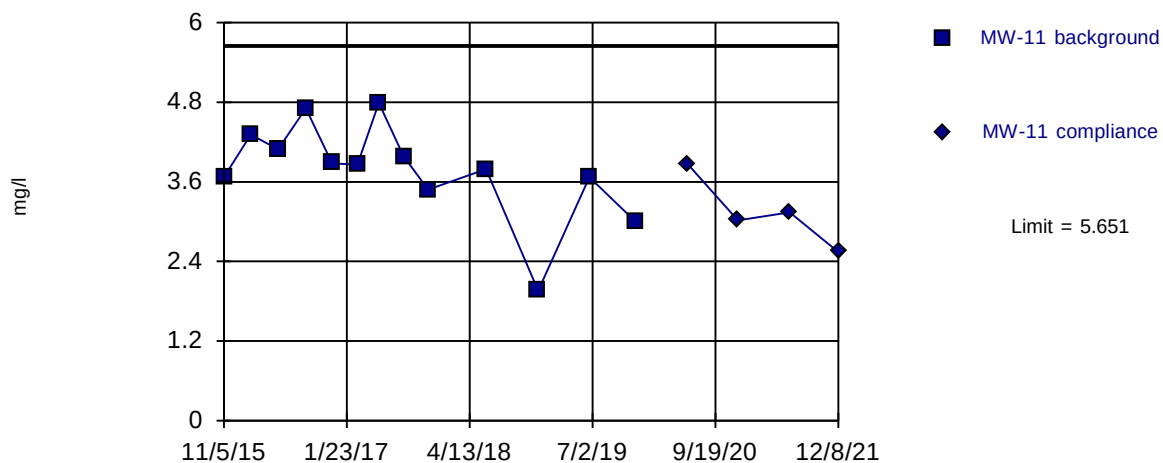
Constituent: Chloride Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.785, Std. Dev.=0.7279, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9038, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

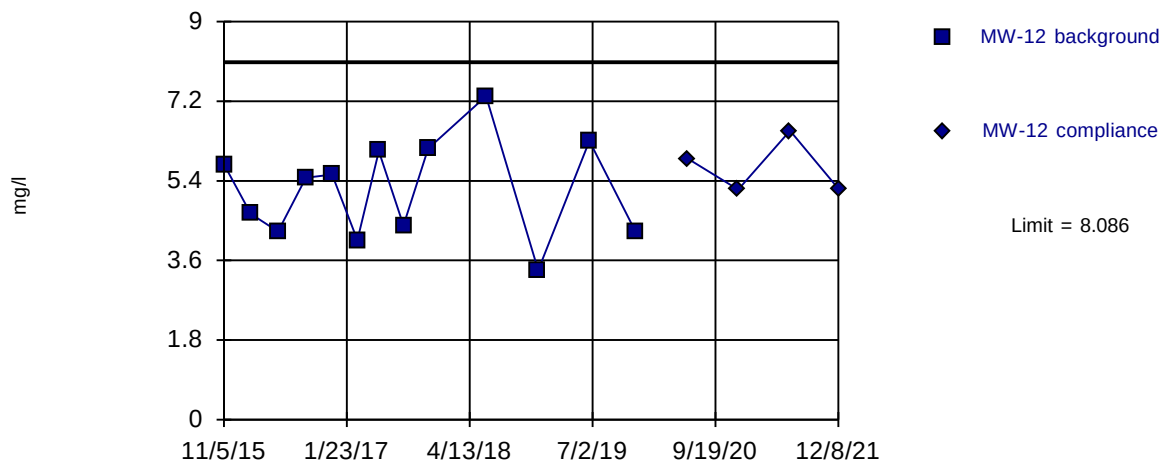
Constituent: Chloride Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.198, Std. Dev.=1.126, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9591, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

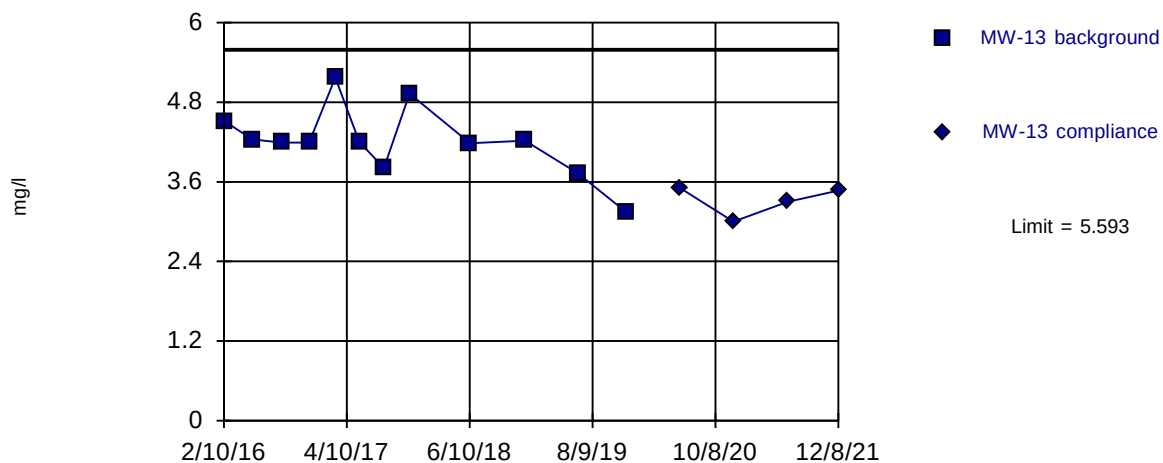
Constituent: Chloride Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



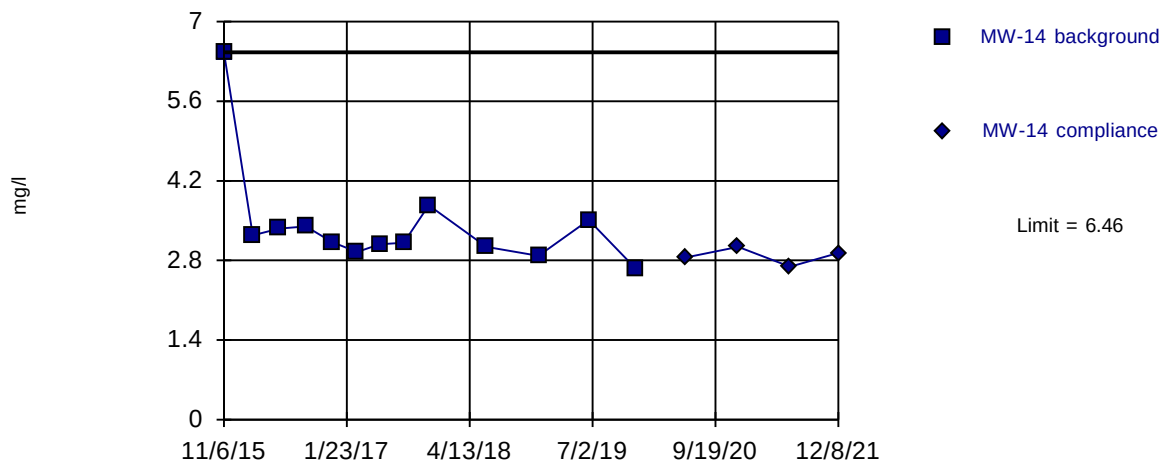
Background Data Summary: Mean=4.21, Std. Dev.=0.5287, n=12. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9287, critical = 0.805. Kappa = 2.617 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Chloride Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit Intrawell Non-parametric

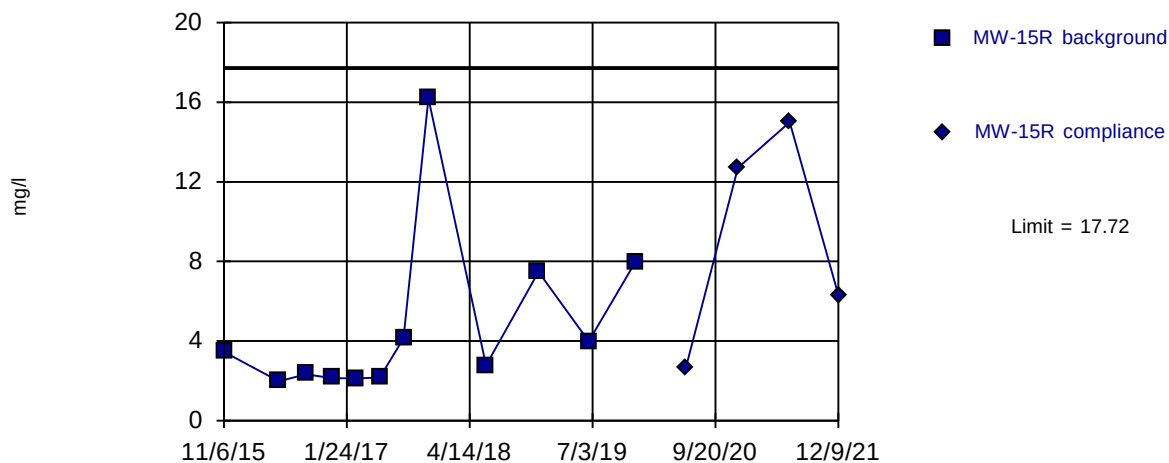


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 13 background values. Well-constituent pair annual alpha = 0.01929. Individual comparison alpha = 0.009692 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Chloride Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit Intrawell Parametric



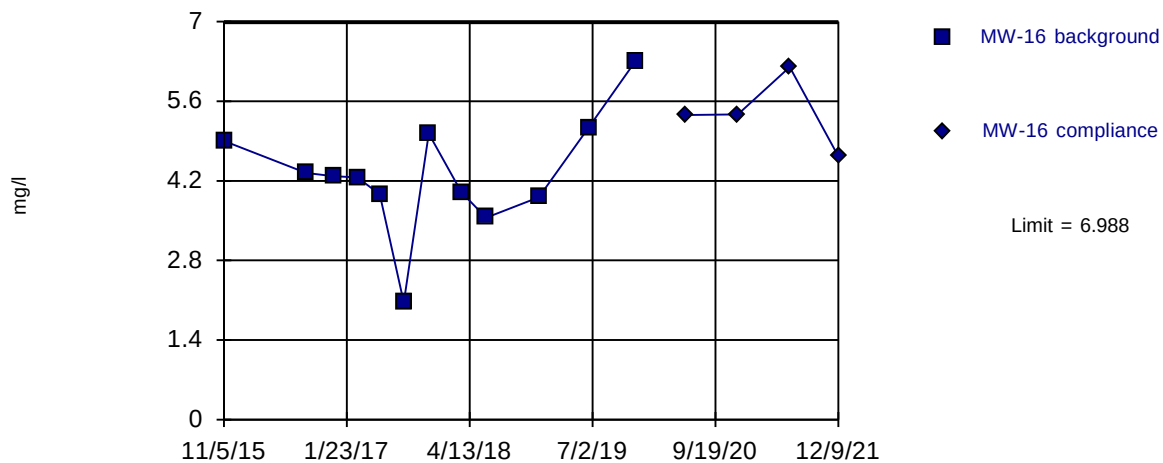
Background Data Summary (based on cube root transformation): Mean=1.586, Std. Dev.=0.3903, n=12. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8141, critical = 0.805. Kappa = 2.617 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Chloride Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.31, Std. Dev.=1.023, n=12. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9398, critical = 0.805. Kappa = 2.617 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

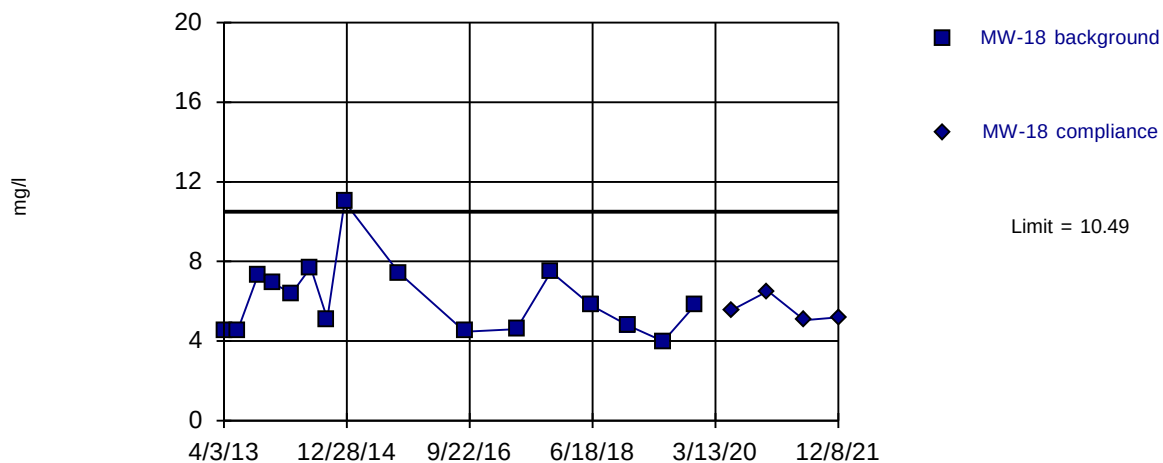
Constituent: Chloride Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.109, Std. Dev.=1.822, n=16. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8765, critical = 0.844. Kappa = 2.407 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

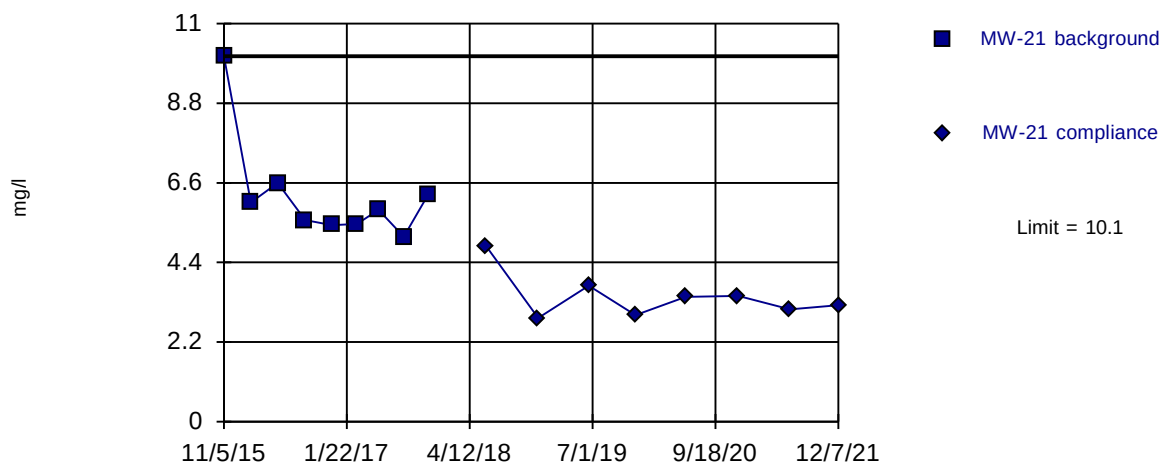
Constituent: Chloride Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Non-parametric



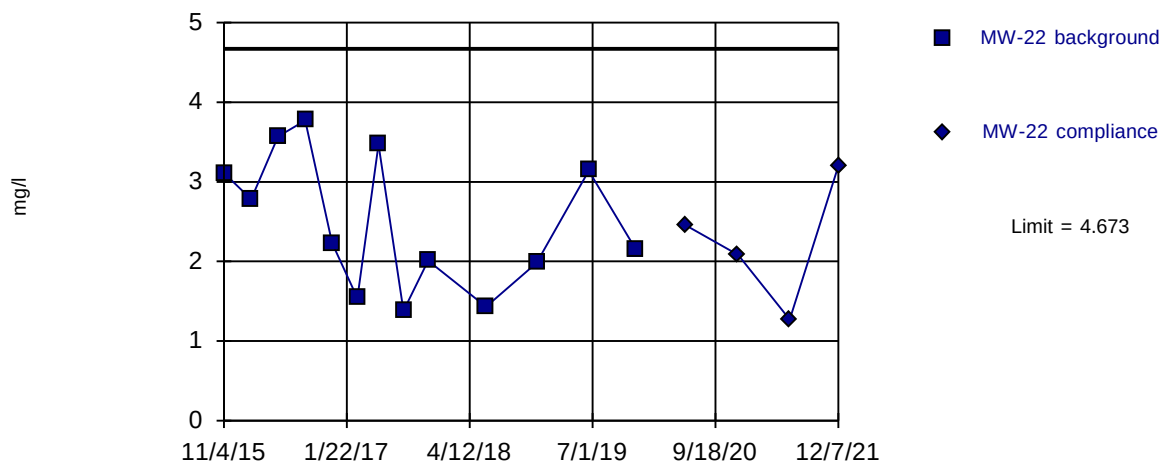
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 9 background values. Well-constituent pair annual alpha = 0.03586. Individual comparison alpha = 0.01809 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Chloride Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



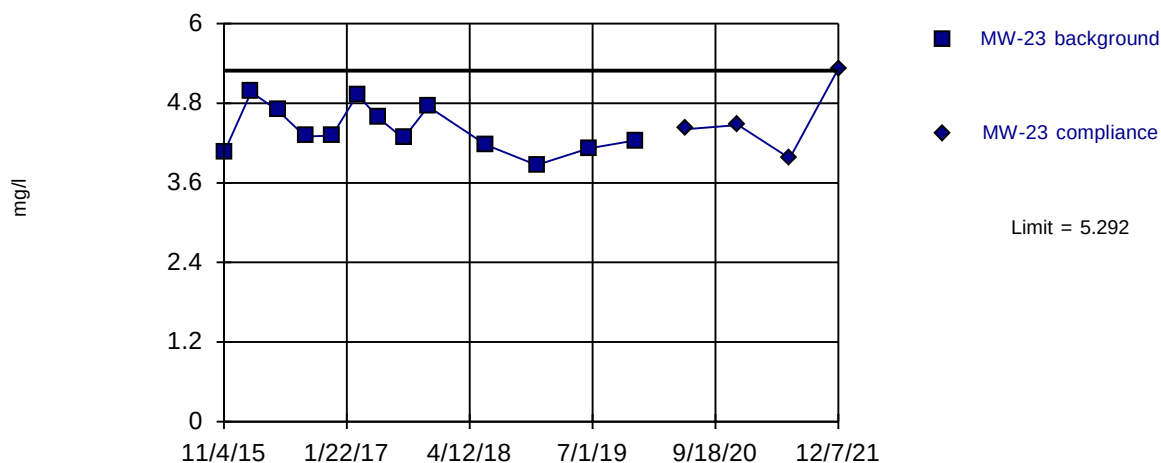
Background Data Summary: Mean=2.505, Std. Dev.=0.8455, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9206, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Chloride Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.404, Std. Dev.=0.3464, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9383, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

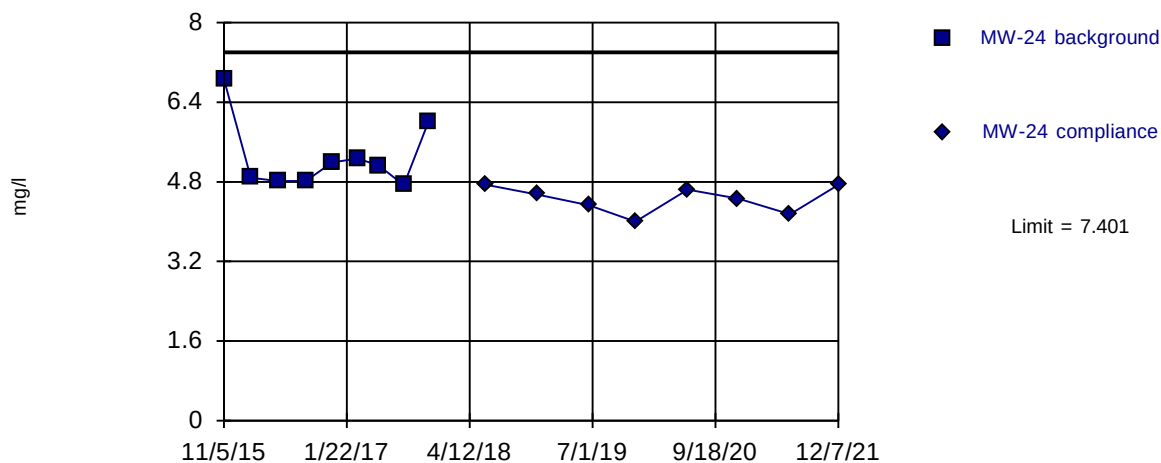
Constituent: Chloride Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



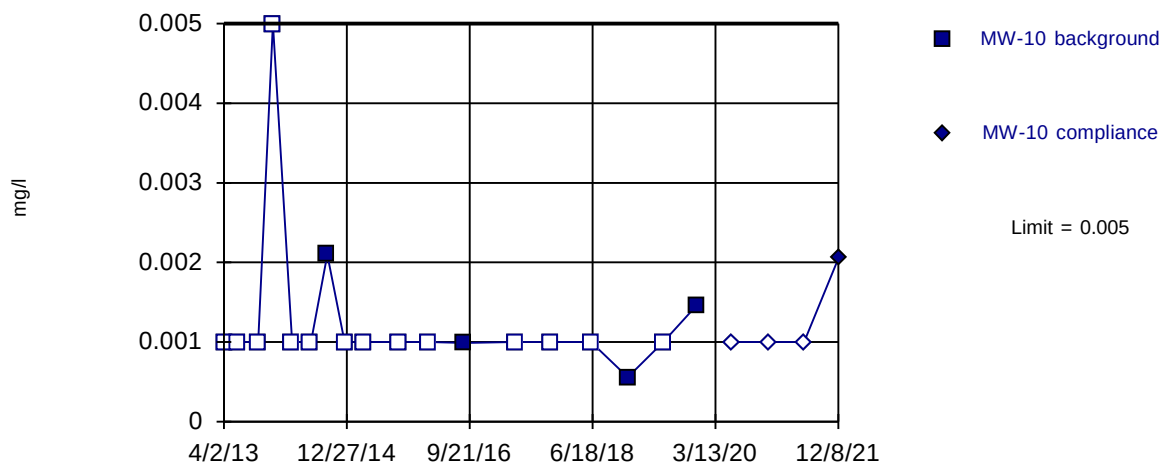
Background Data Summary: Mean=5.301, Std. Dev.=0.7019, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7845, critical = 0.764. Kappa = 2.992 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Chloride Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit Intrawell Non-parametric

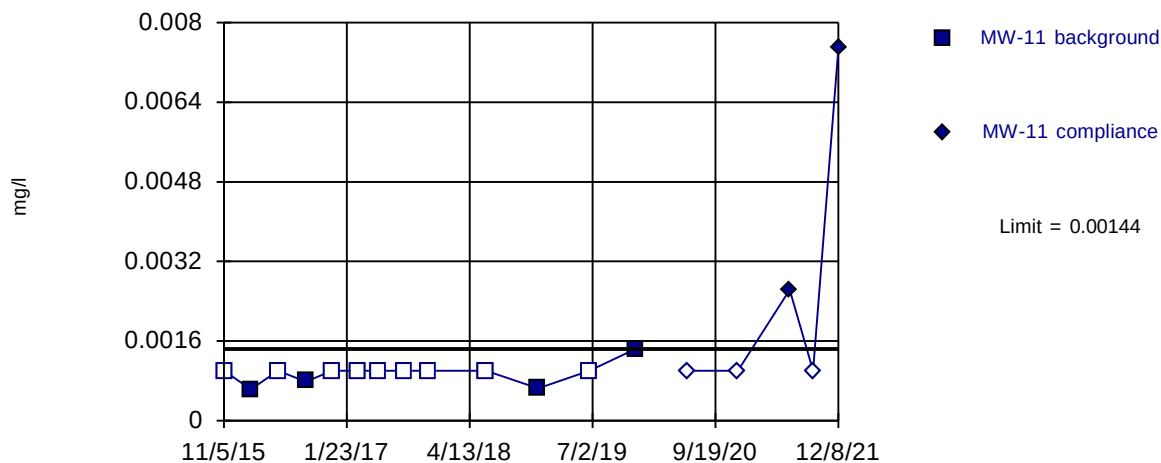


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 77.78% NDs. Well-constituent pair annual alpha = 0.01072. Individual comparison alpha = 0.005373 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: Chromium Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Exceeds Limit

Prediction Limit Intrawell Non-parametric

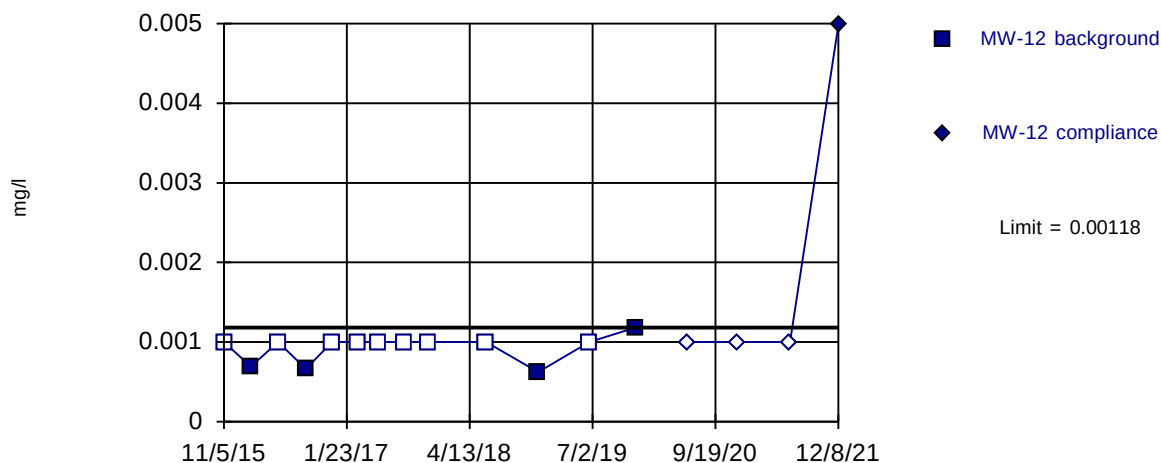


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 13 background values. 69.23% NDs. Well-constituent pair annual alpha = 0.01929. Individual comparison alpha = 0.009692 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Chromium Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Exceeds Limit

Prediction Limit Intrawell Non-parametric

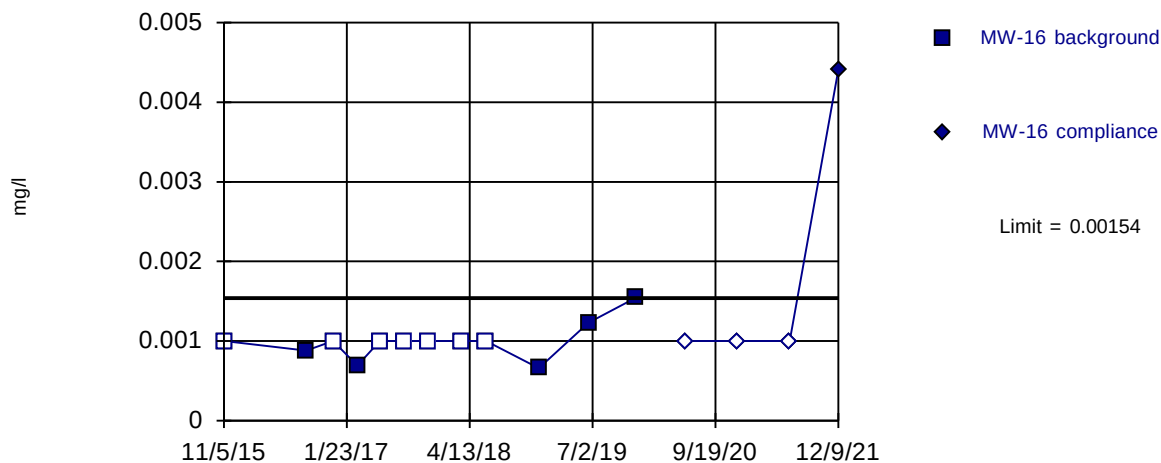


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 13 background values. 69.23% NDs. Well-constituent pair annual alpha = 0.01929. Individual comparison alpha = 0.009692 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Chromium Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Exceeds Limit

Prediction Limit Intrawell Non-parametric

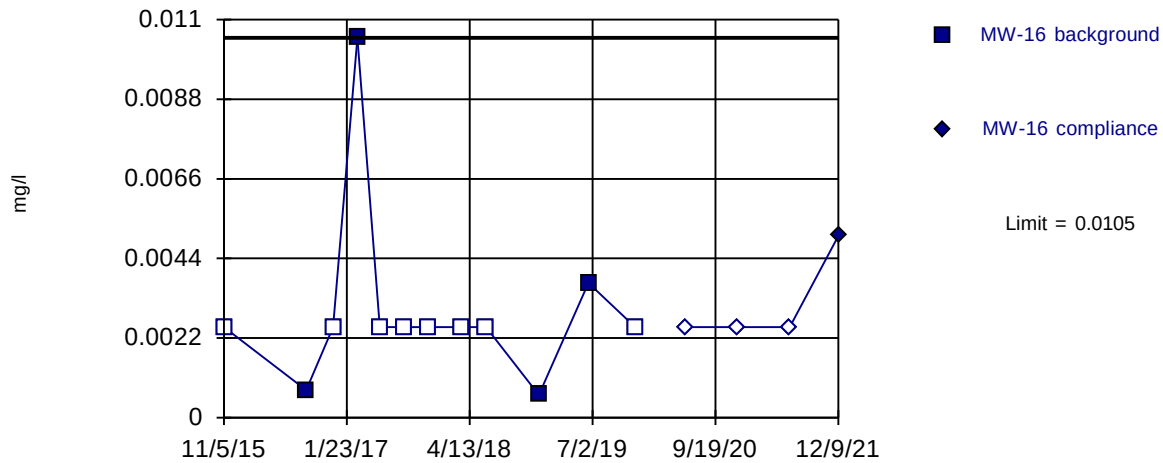


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 58.33% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Chromium Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit Intrawell Non-parametric

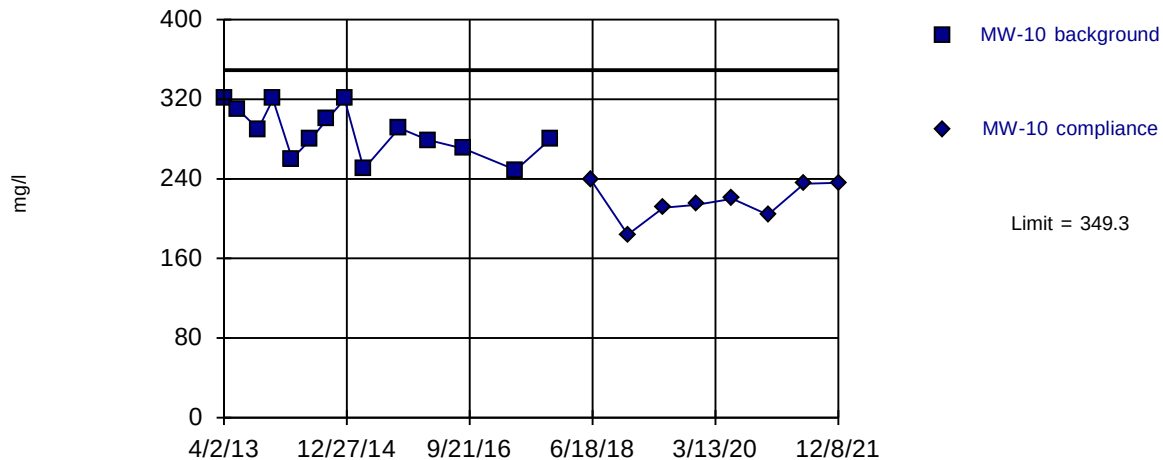


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Copper Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit Intrawell Parametric



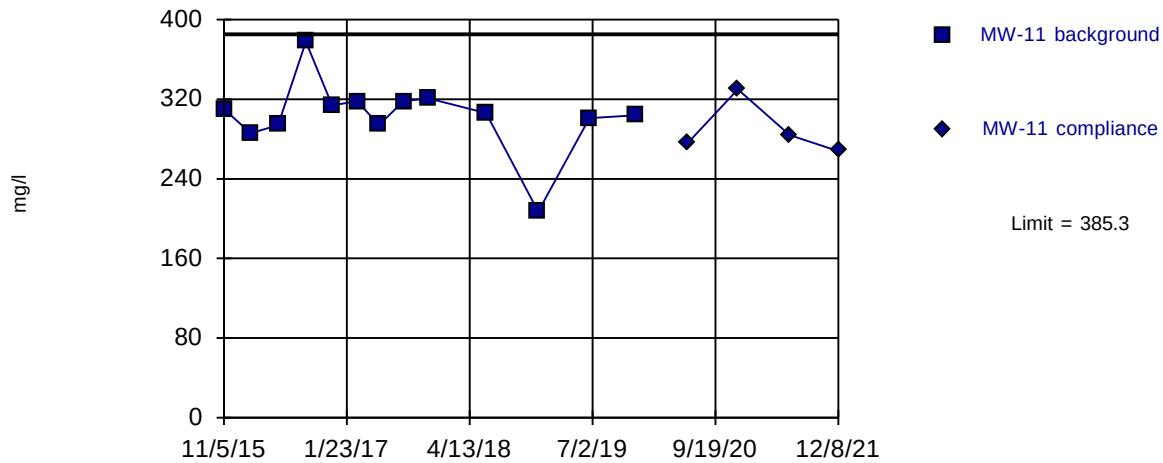
Background Data Summary: Mean=287.1, Std. Dev.=24.78, n=14. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9291, critical = 0.825. Kappa = 2.512 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Dissolved Solids Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=93618, Std. Dev.=21390, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8372, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

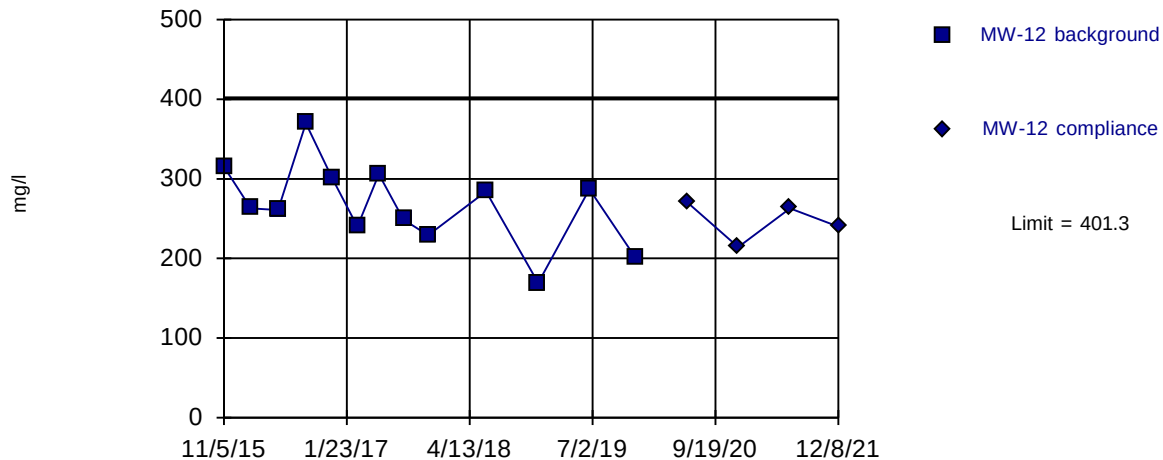
Constituent: Dissolved Solids Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=267.3, Std. Dev.=52.27, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9884, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

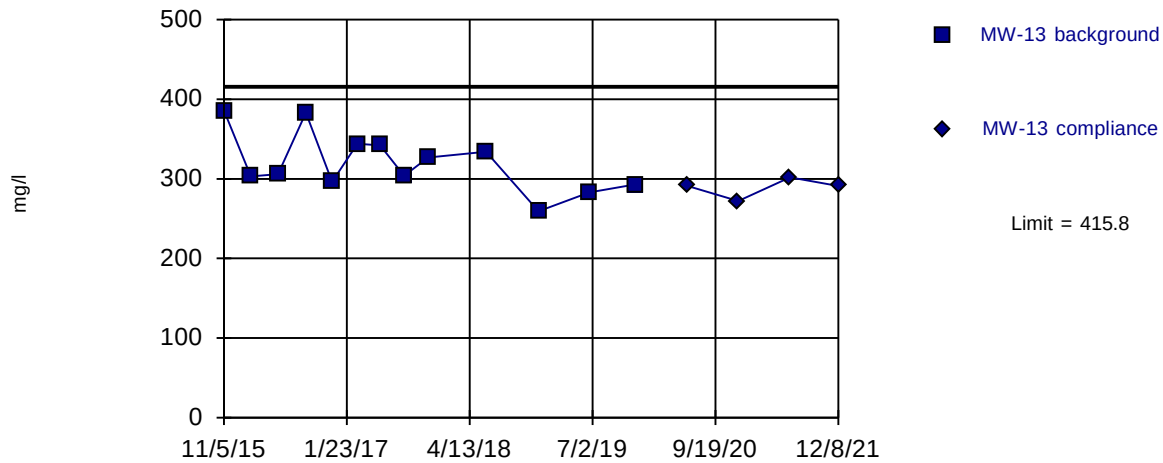
Constituent: Dissolved Solids Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

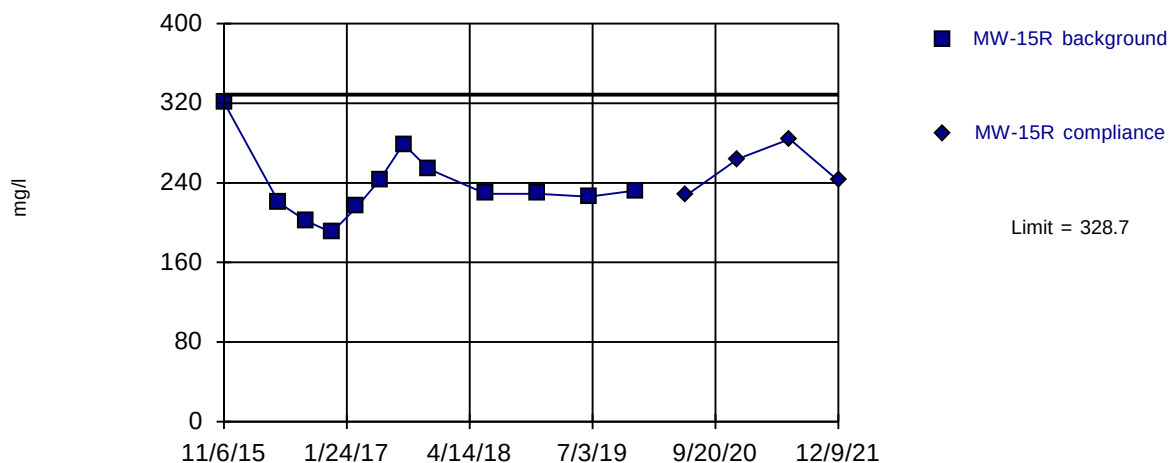
Intrawell Parametric



Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=236.8, Std. Dev.=35.14, n=12. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8981, critical = 0.805. Kappa = 2.617 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

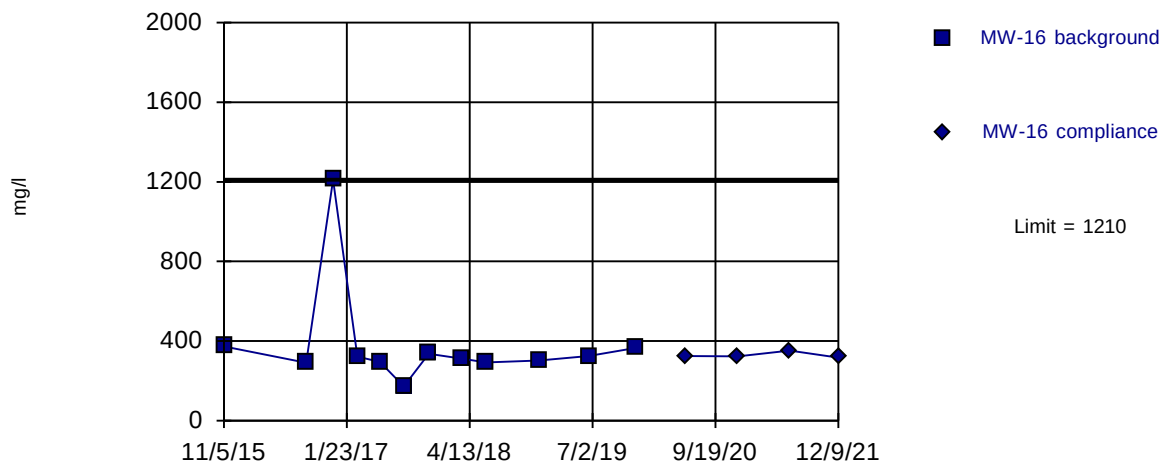
Constituent: Dissolved Solids Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 12 background values. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

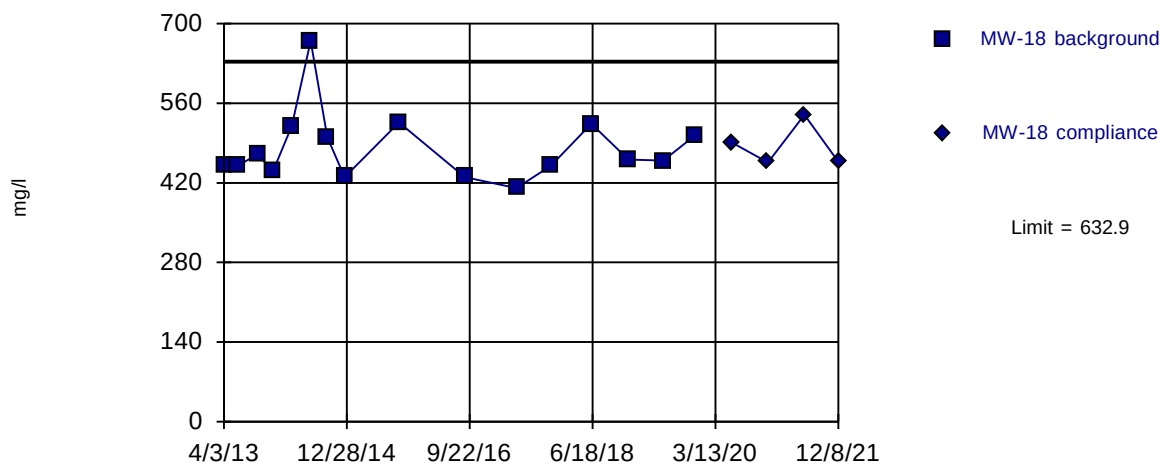
Constituent: Dissolved Solids Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=7.823, Std. Dev.=0.3171, n=16. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8449, critical = 0.844. Kappa = 2.407 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

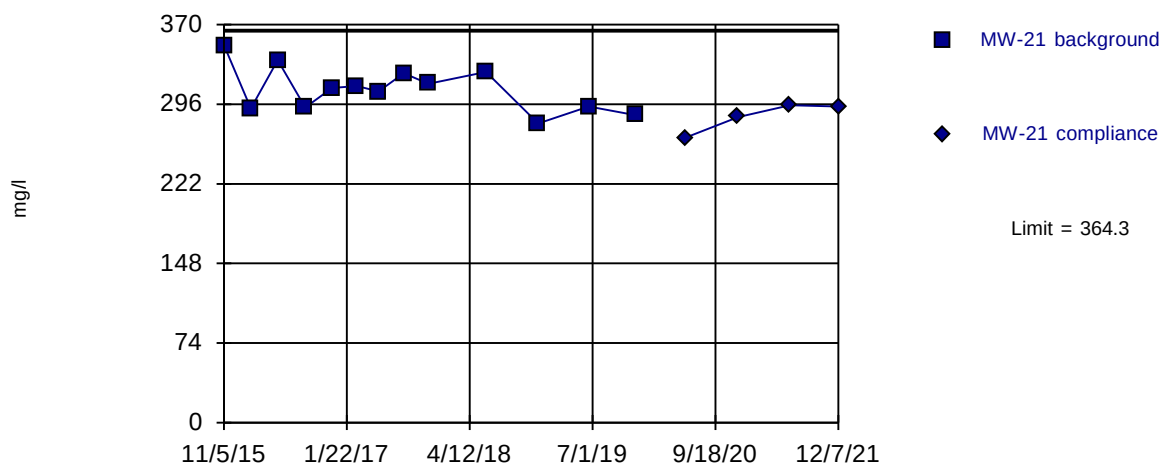
Constituent: Dissolved Solids Analysis Run 1/24/2022 9:59 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=309.9, Std. Dev.=21.21, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9687, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

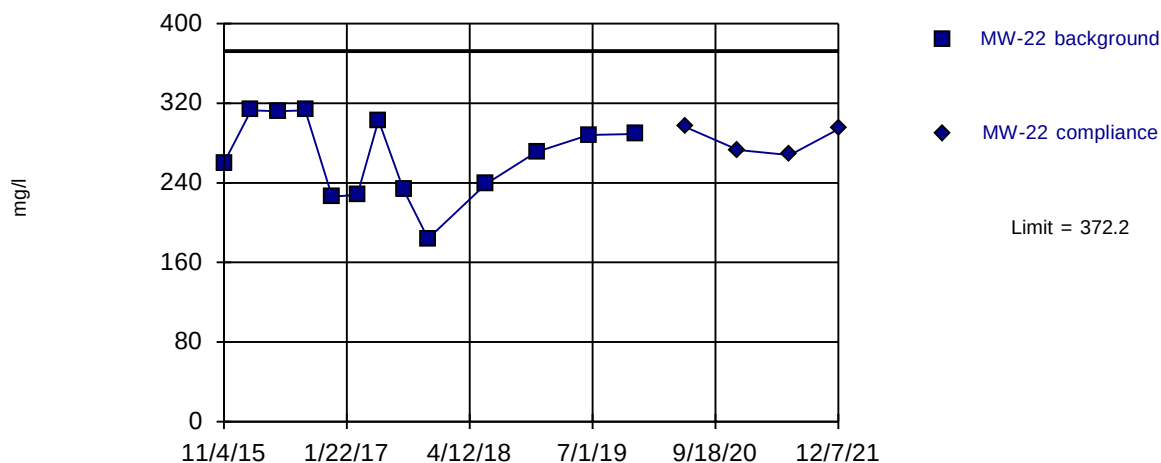
Constituent: Dissolved Solids Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=266.1, Std. Dev.=41.4, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9164, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

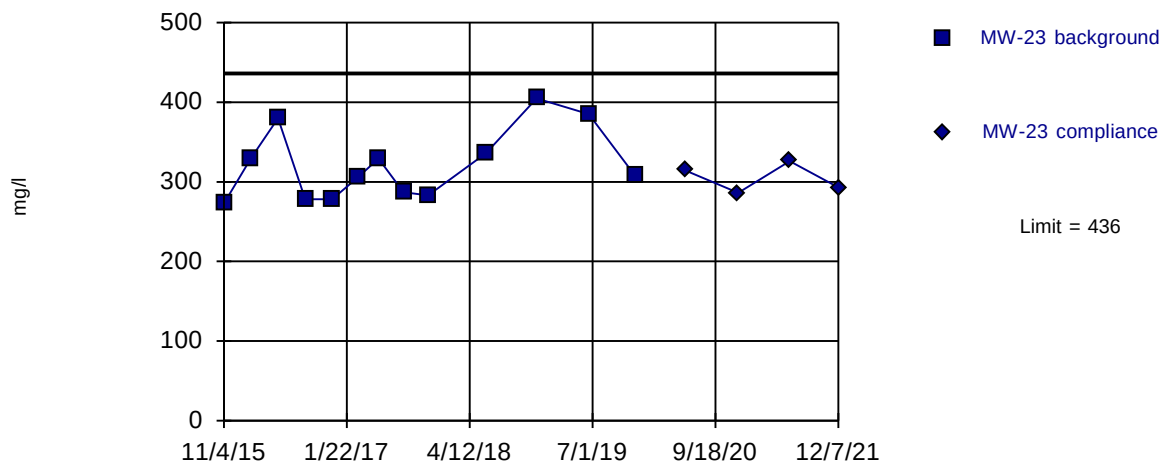
Constituent: Dissolved Solids Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=321.2, Std. Dev.=44.77, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8859, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

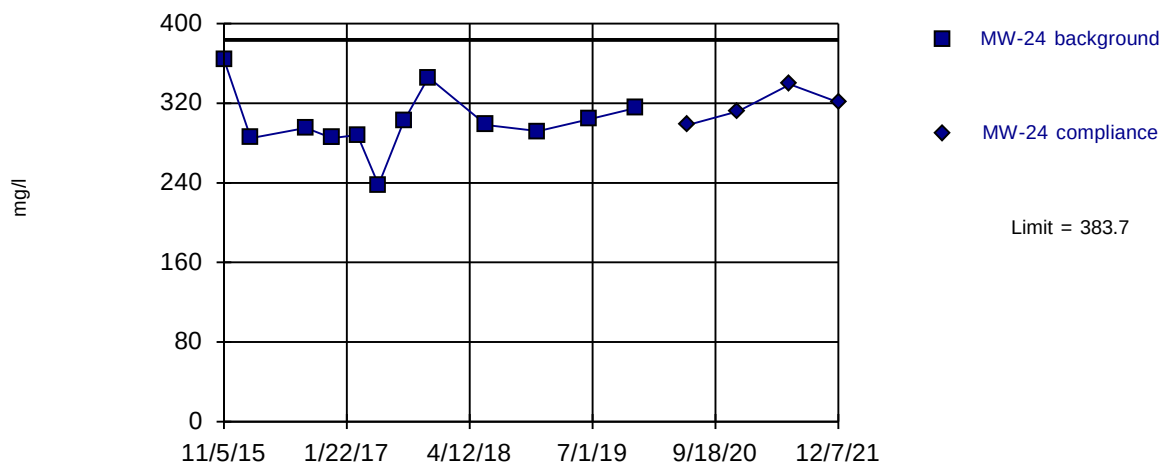
Constituent: Dissolved Solids Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=301, Std. Dev.=31.59, n=12. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9085, critical = 0.805. Kappa = 2.617 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

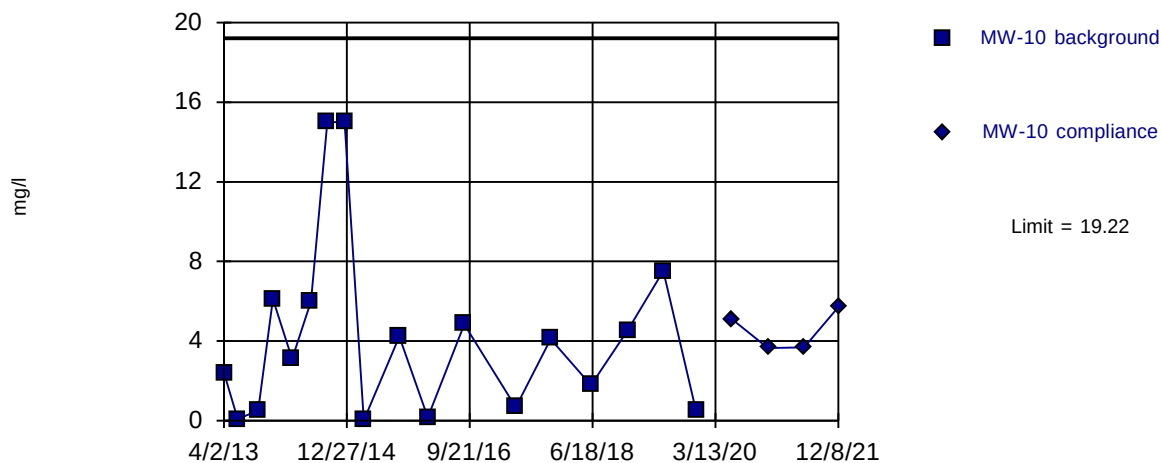
Constituent: Dissolved Solids Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=1.751, Std. Dev.=1.121, n=18. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9441, critical = 0.858. Kappa = 2.348 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

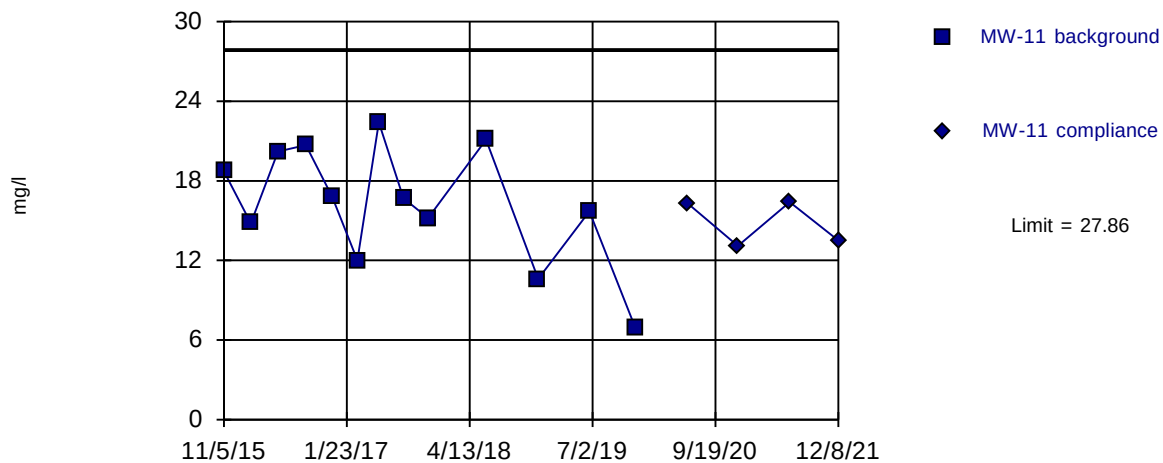
Constituent: Iron Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=16.29, Std. Dev.=4.512, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.954, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

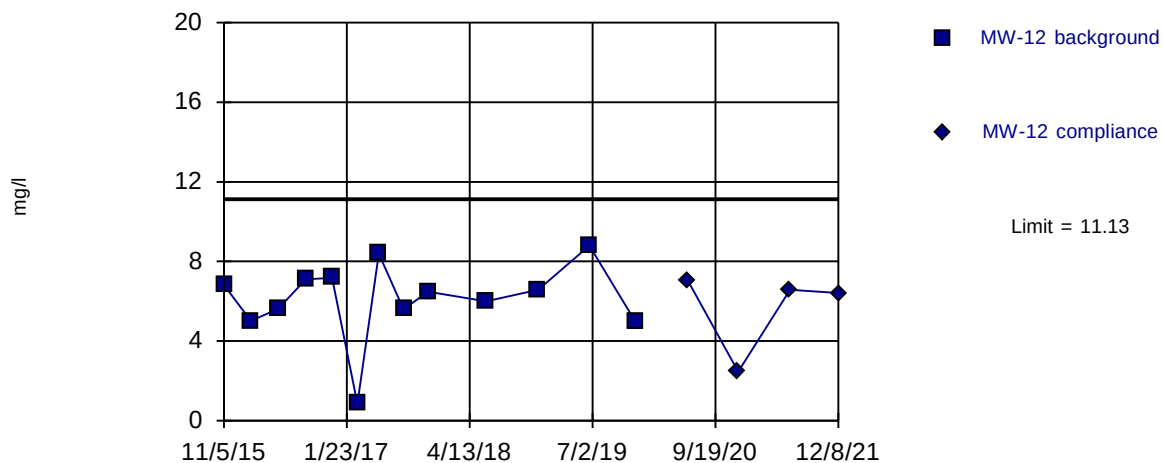
Constituent: Iron Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.102, Std. Dev.=1.961, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8715, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

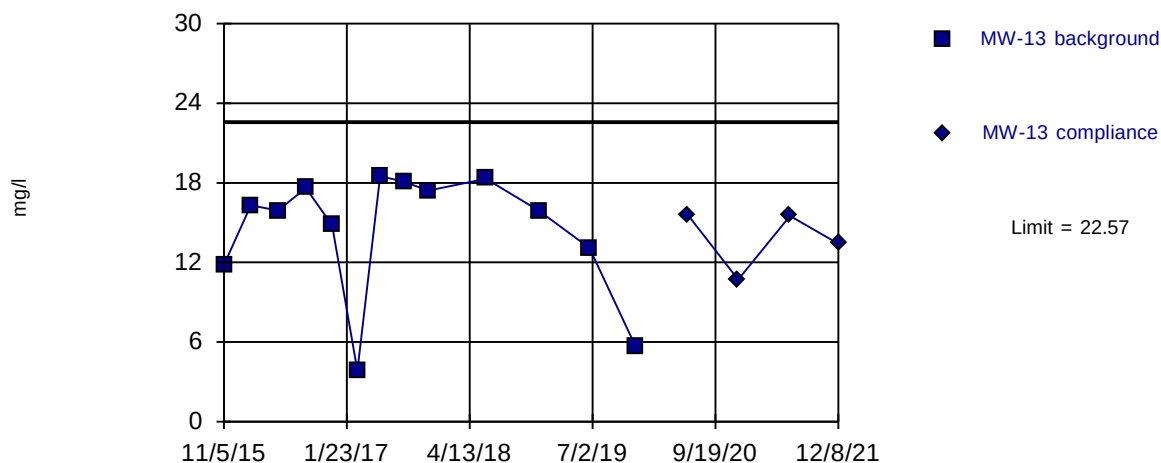
Constituent: Iron Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



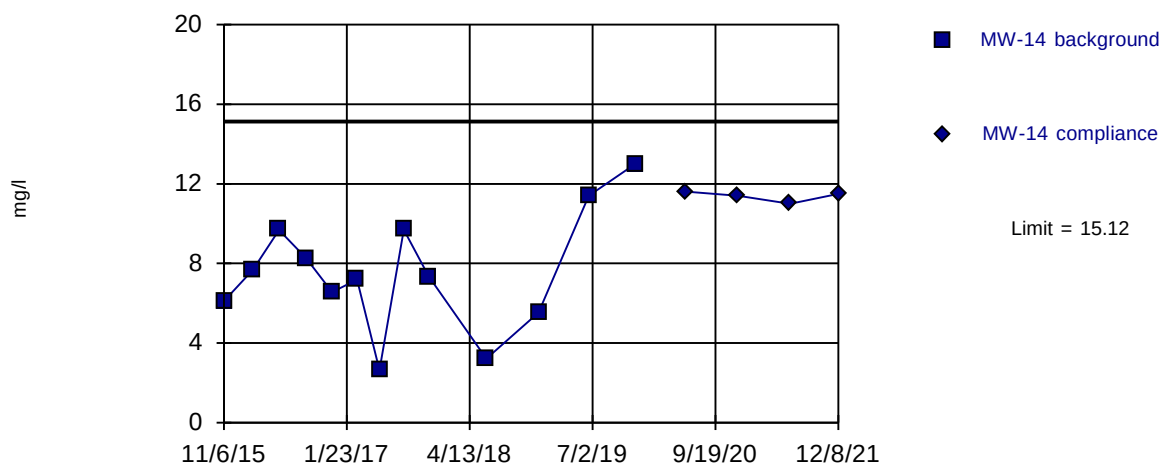
Background Data Summary (based on square transformation): Mean=228.1, Std. Dev.=109.7, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8739, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Iron Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



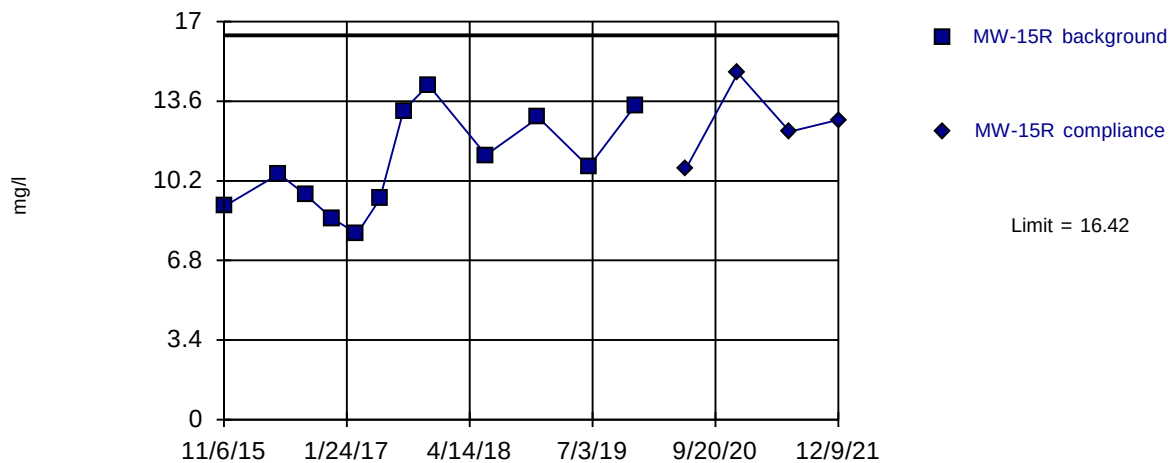
Background Data Summary: Mean=7.558, Std. Dev.=2.95, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9772, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Iron Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=10.92, Std. Dev.=2.102, n=12. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9394, critical = 0.805. Kappa = 2.617 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

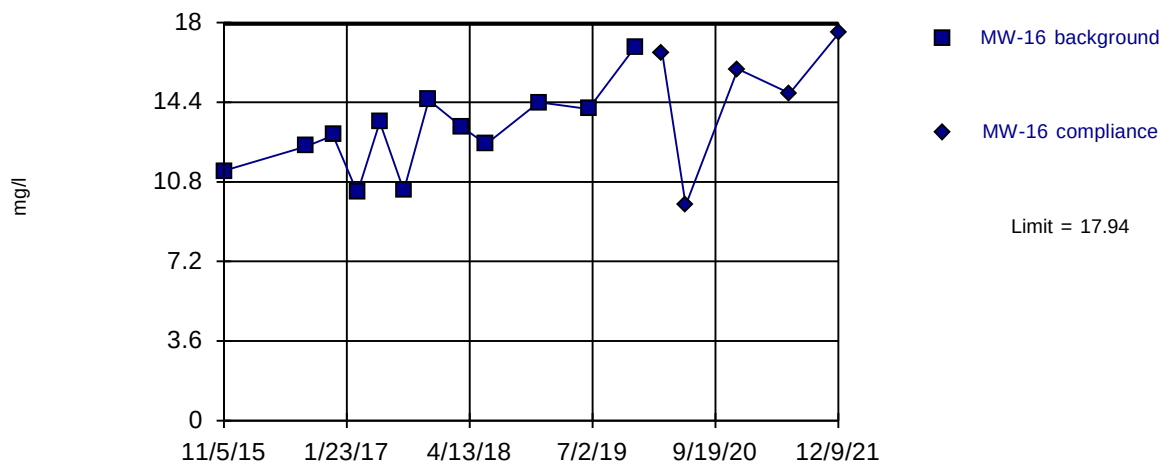
Constituent: Iron Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=13.04, Std. Dev.=1.871, n=12. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9594, critical = 0.805. Kappa = 2.617 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

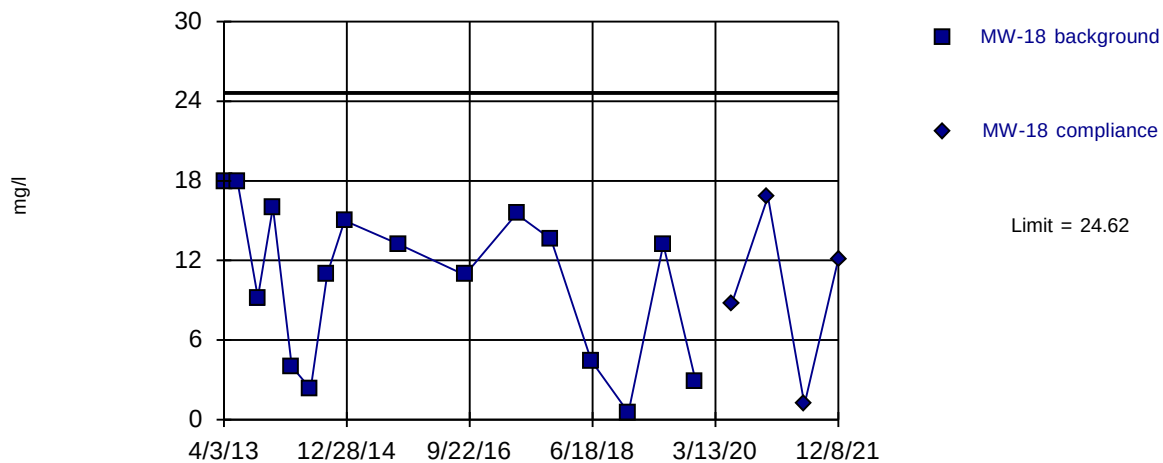
Constituent: Iron Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=10.49, Std. Dev.=5.875, n=16. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.908, critical = 0.844. Kappa = 2.407 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

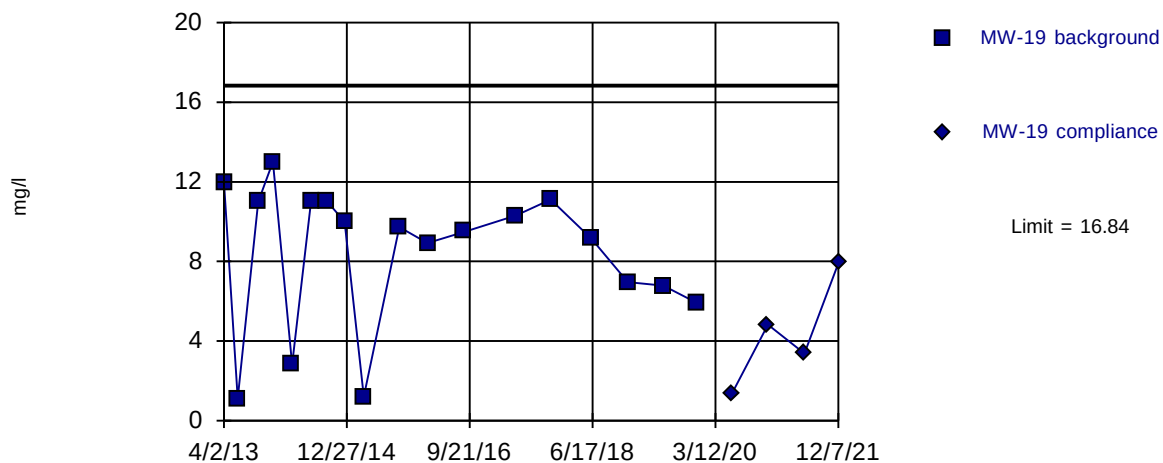
Constituent: Iron Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=8.414, Std. Dev.=3.589, n=18. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8685, critical = 0.858. Kappa = 2.348 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

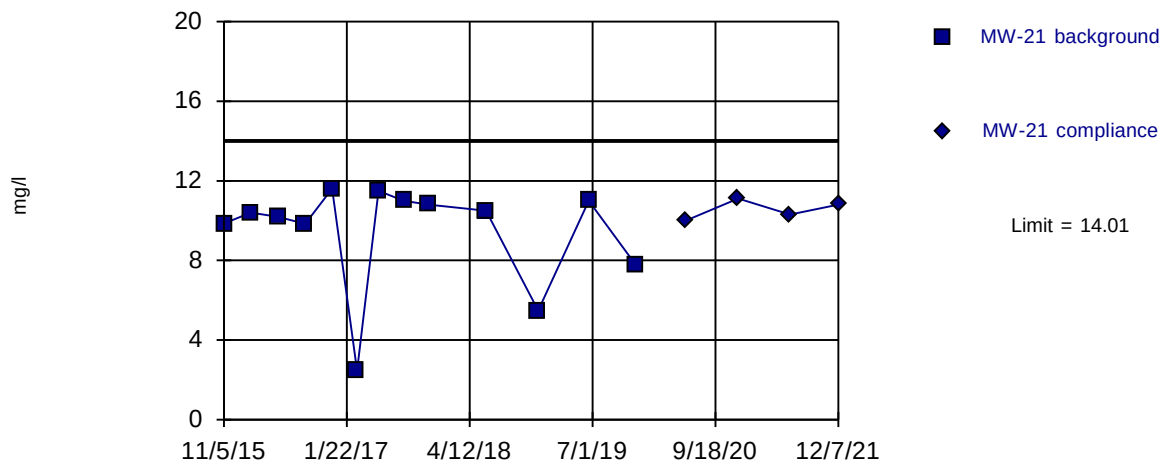
Constituent: Iron Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=95.28, Std. Dev.=39.36, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8276, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

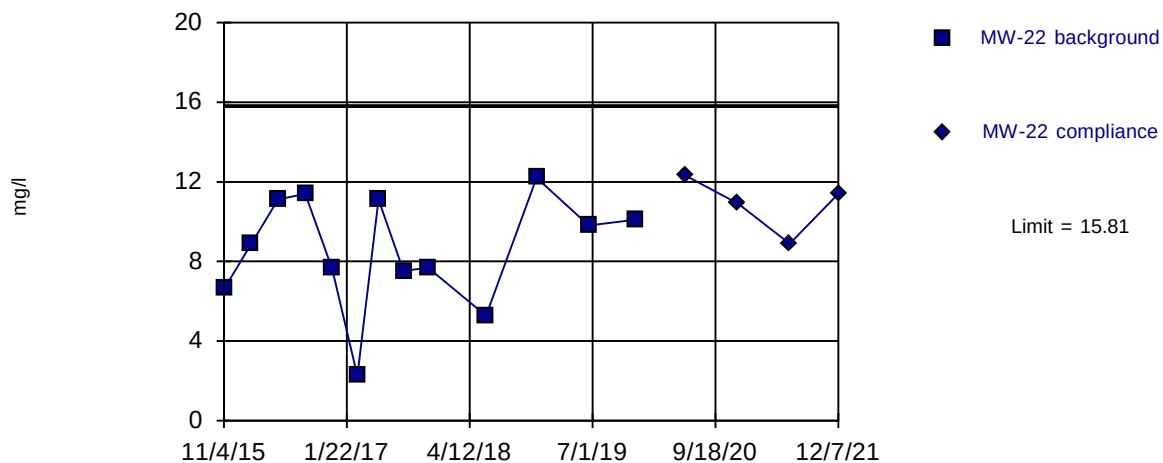
Constituent: Iron Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=8.581, Std. Dev.=2.818, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9363, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

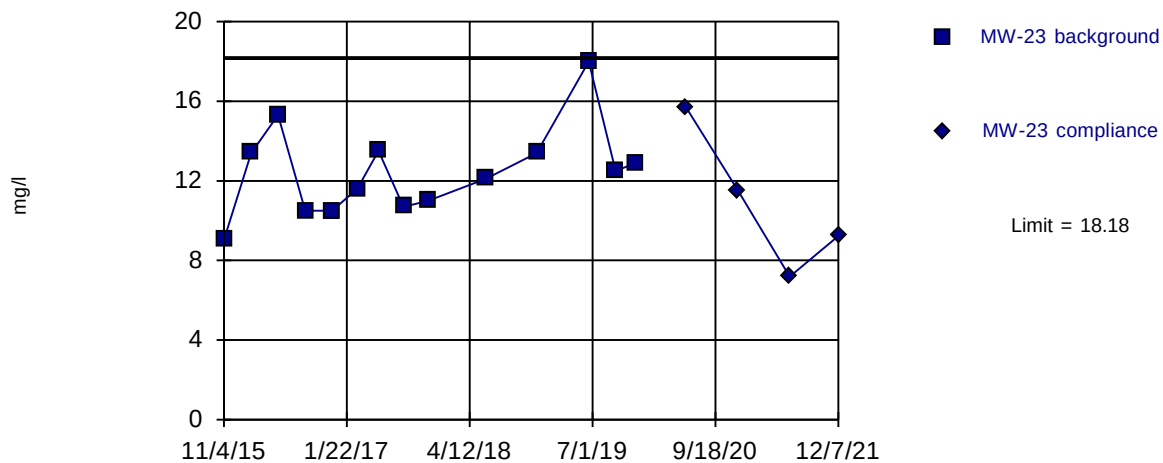
Constituent: Iron Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

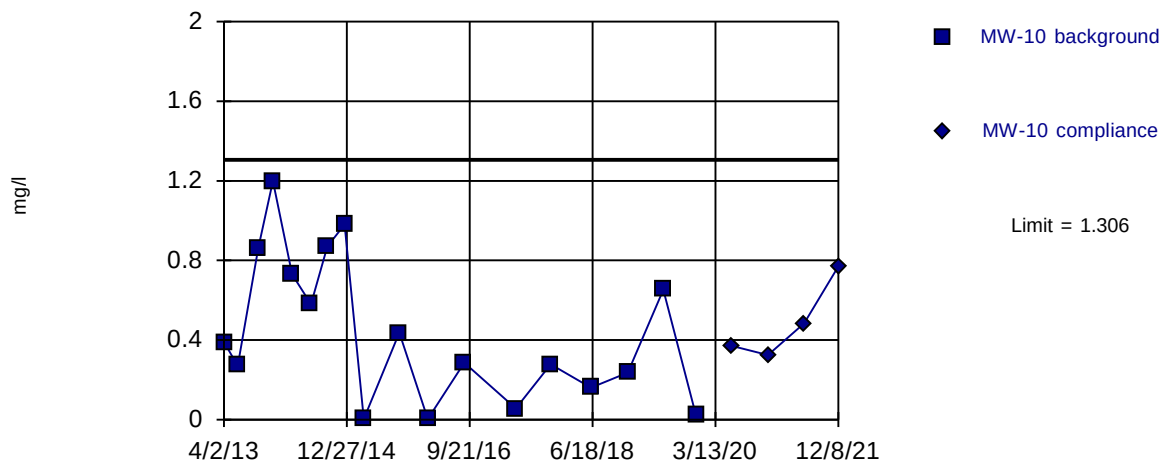
Intrawell Parametric



Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.445, Std. Dev.=0.3666, n=18. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9305, critical = 0.858. Kappa = 2.348 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

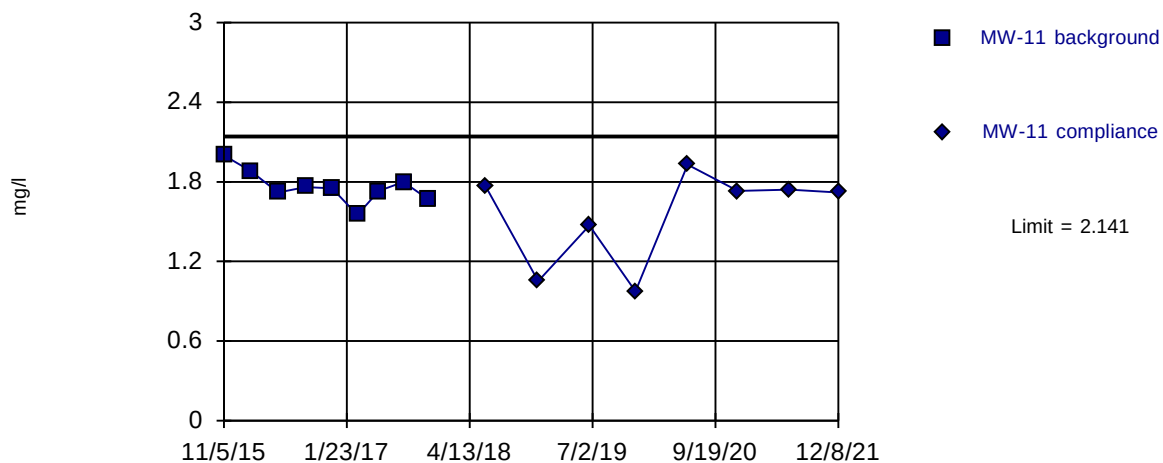
Constituent: Manganese Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.762, Std. Dev.=0.1267, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9639, critical = 0.764. Kappa = 2.992 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

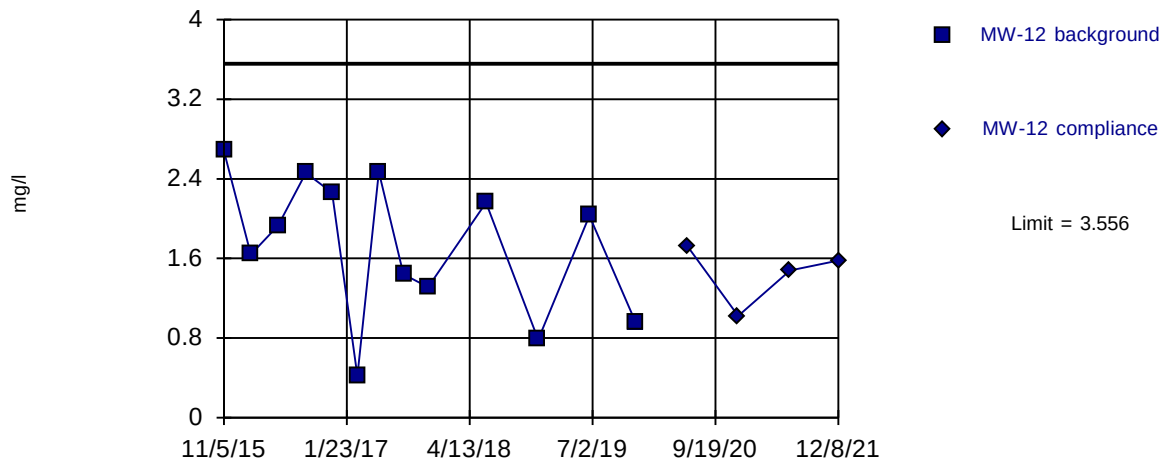
Constituent: Manganese Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.734, Std. Dev.=0.7106, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9486, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

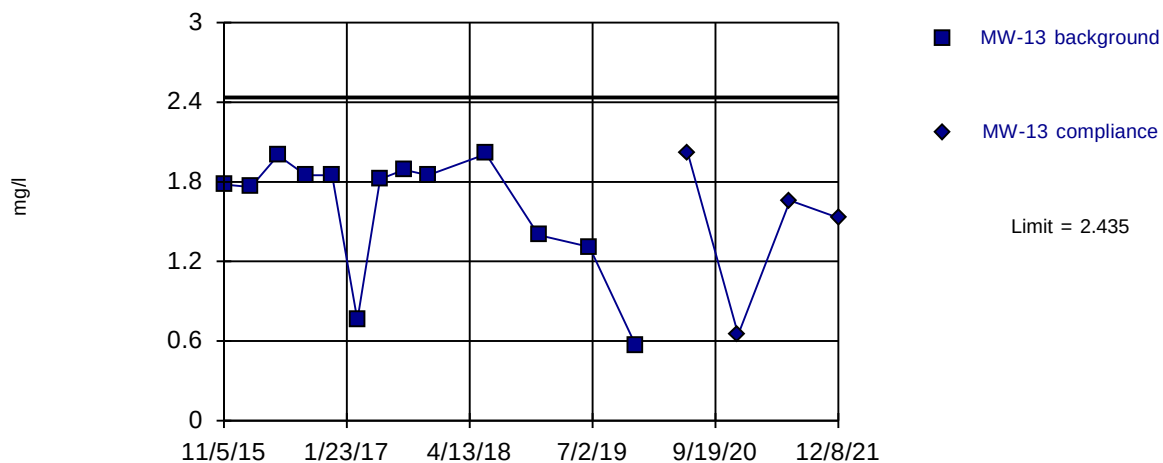
Constituent: Manganese Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=2.772, Std. Dev.=1.231, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8269, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

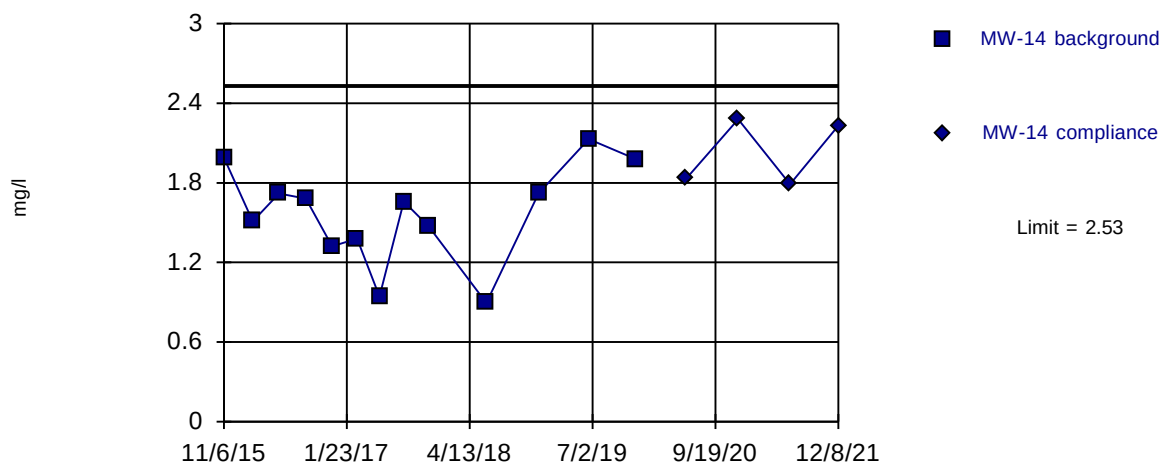
Constituent: Manganese Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



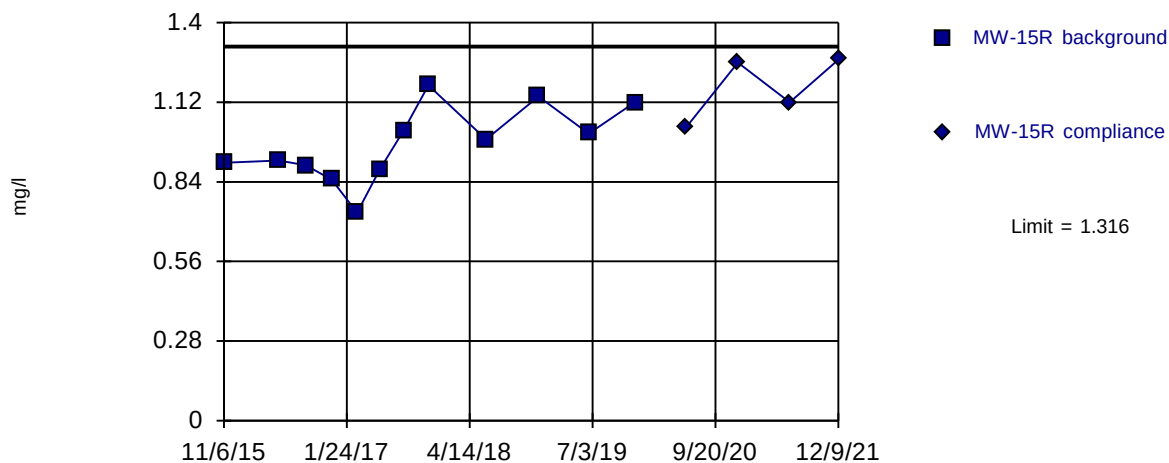
Background Data Summary: Mean=1.569, Std. Dev.=0.3748, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9482, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Manganese Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



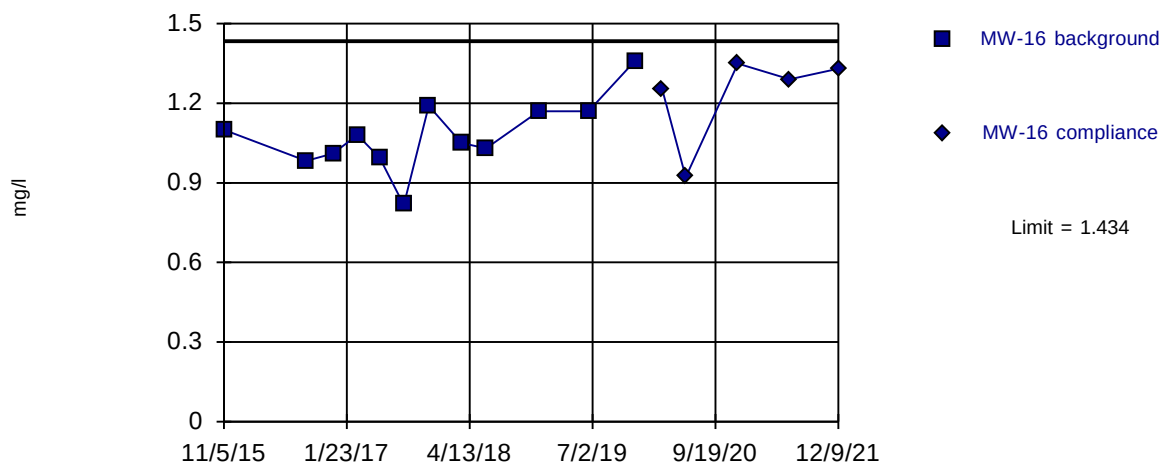
Background Data Summary: Mean=0.97, Std. Dev.=0.1321, n=12. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9631, critical = 0.805. Kappa = 2.617 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Manganese Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



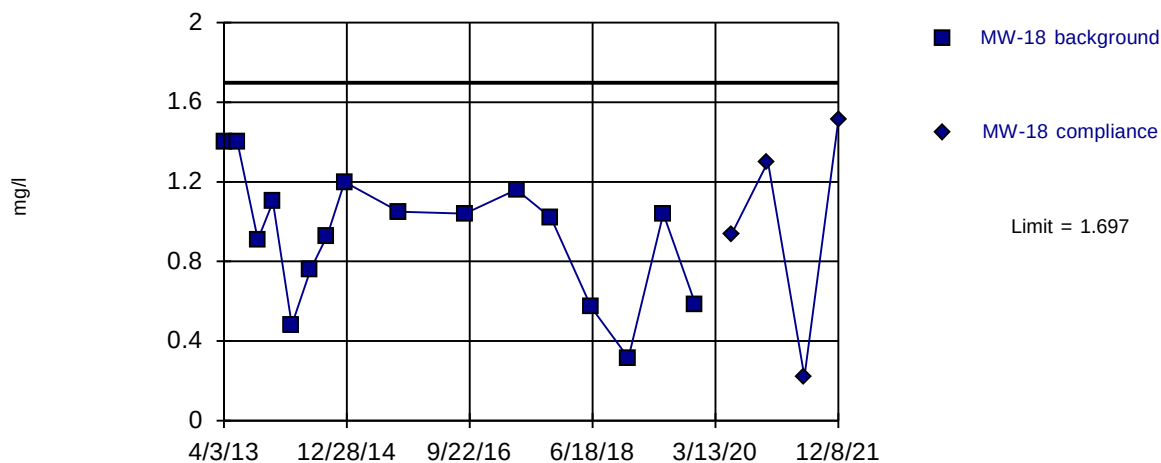
Background Data Summary: Mean=1.079, Std. Dev.=0.1354, n=12. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9623, critical = 0.805. Kappa = 2.617 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Manganese Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



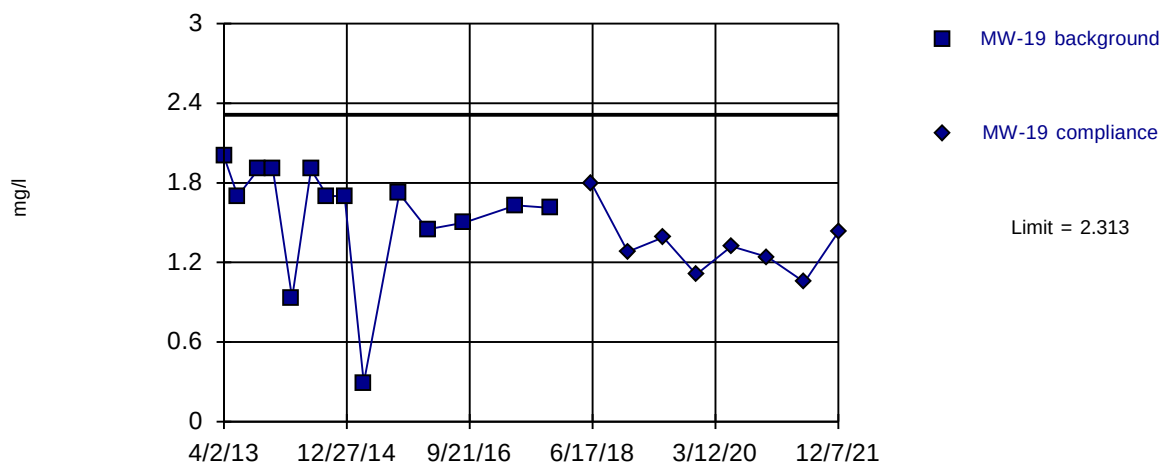
Background Data Summary: Mean=0.9346, Std. Dev.=0.3169, n=16. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9454, critical = 0.844. Kappa = 2.407 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Manganese Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=2.643, Std. Dev.=1.077, n=14. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8807, critical = 0.825. Kappa = 2.512 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

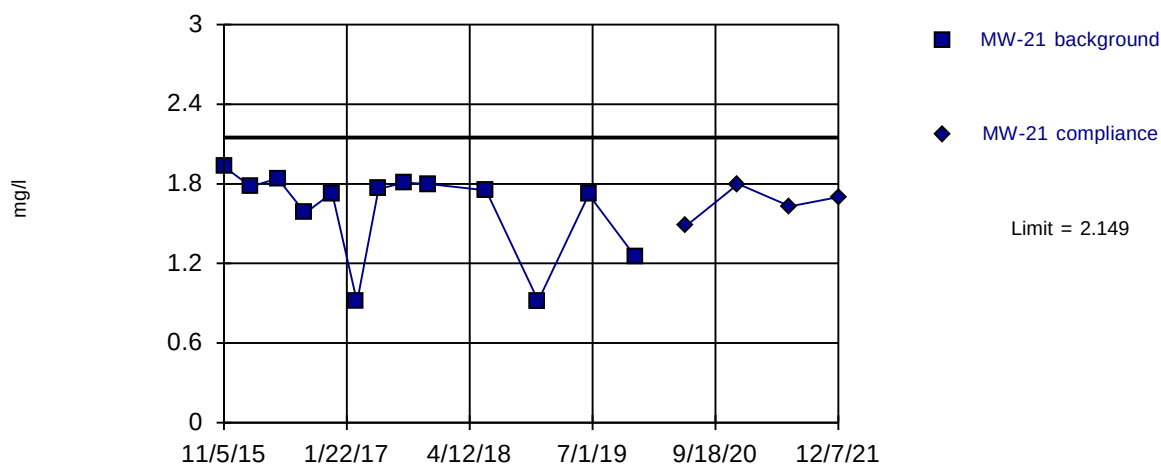
Constituent: Manganese Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube transformation): Mean=4.563, Std. Dev.=2.091, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8354, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

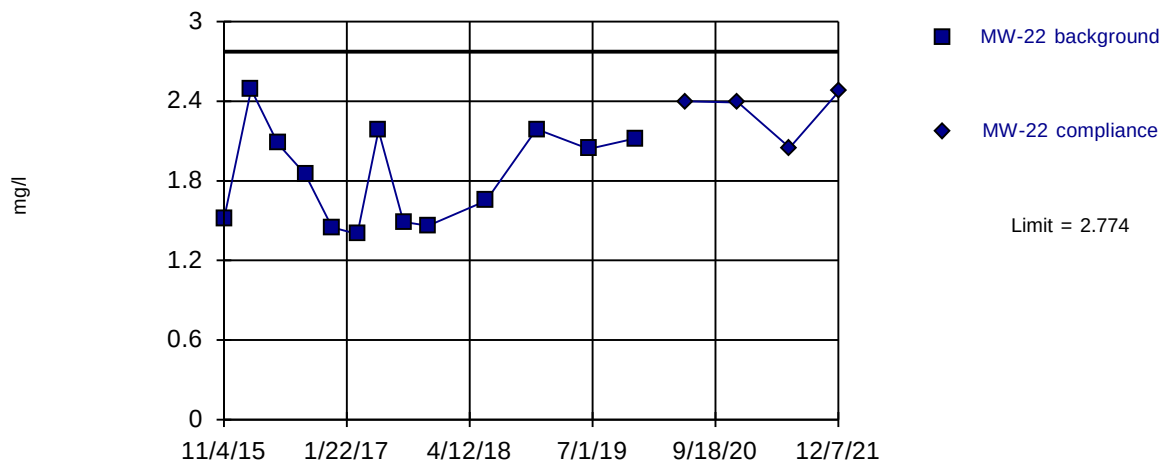
Constituent: Manganese Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.839, Std. Dev.=0.3645, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8958, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

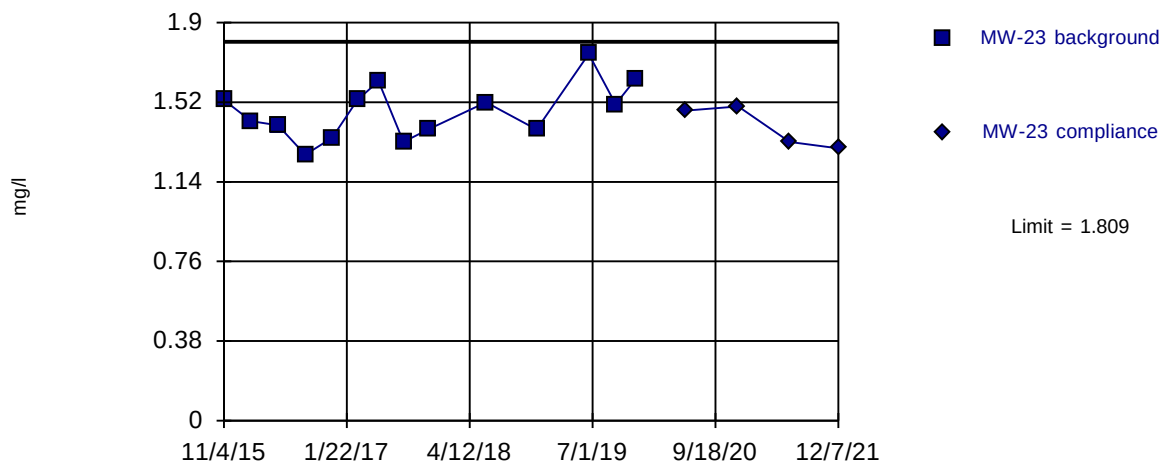
Constituent: Manganese Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.476, Std. Dev.=0.1328, n=14. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9653, critical = 0.825. Kappa = 2.512 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

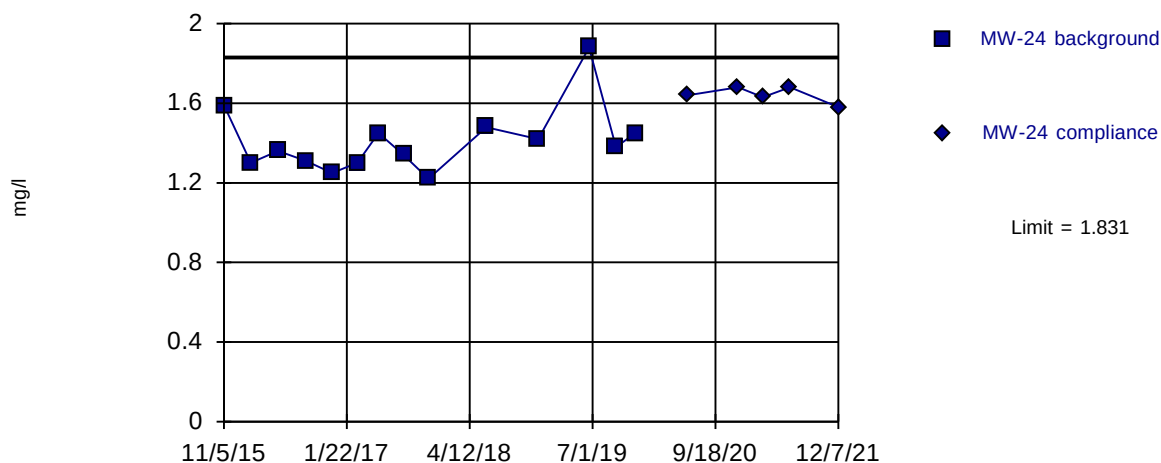
Constituent: Manganese Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

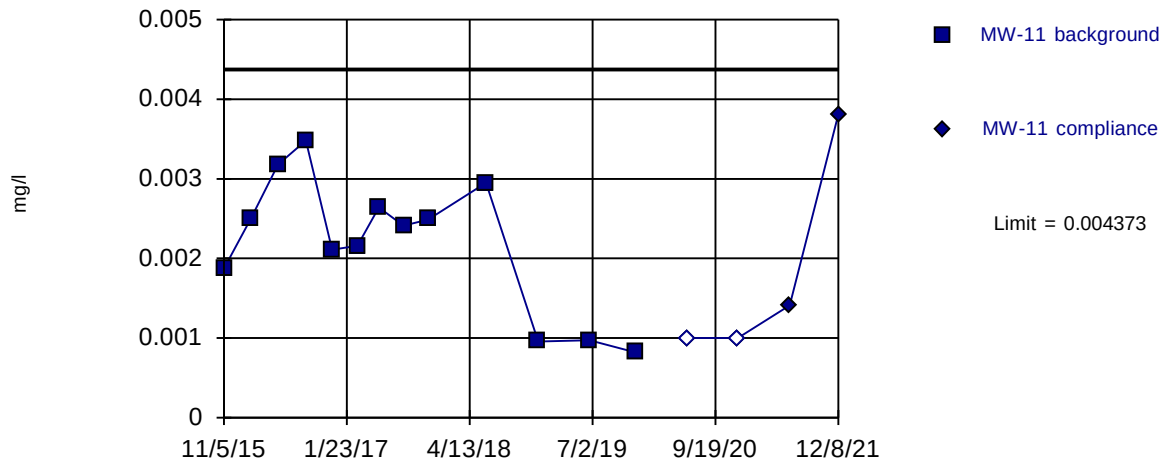
Intrawell Parametric



Within Limit

Prediction Limit

Intrawell Parametric



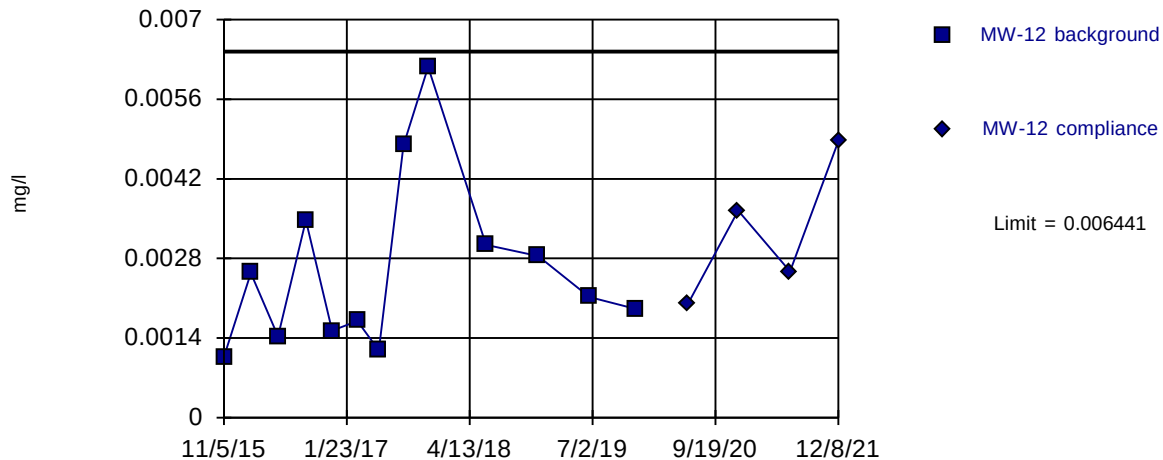
Background Data Summary: Mean=0.002195, Std. Dev.=0.0008494, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9286, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Nickel Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



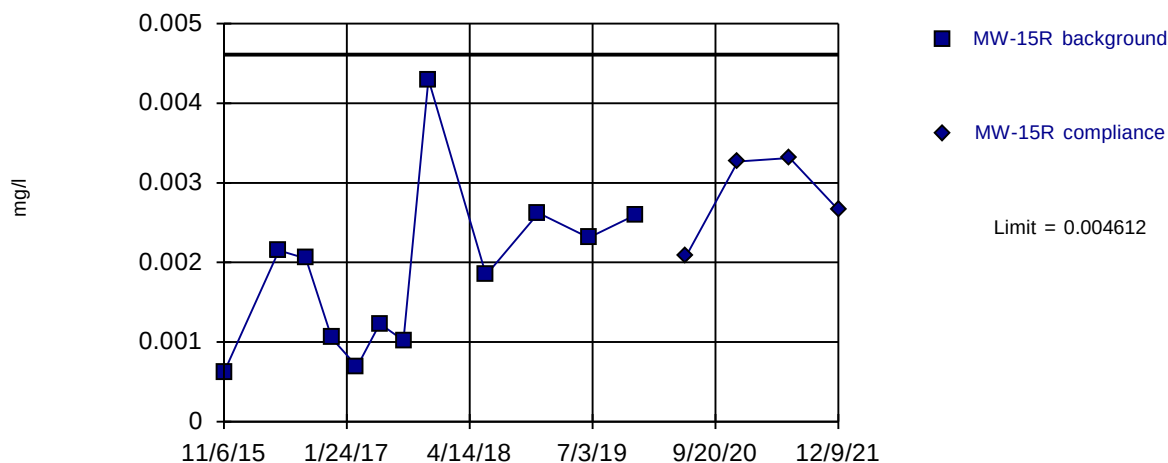
Background Data Summary: Mean=0.002599, Std. Dev.=0.001498, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8704, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Nickel Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



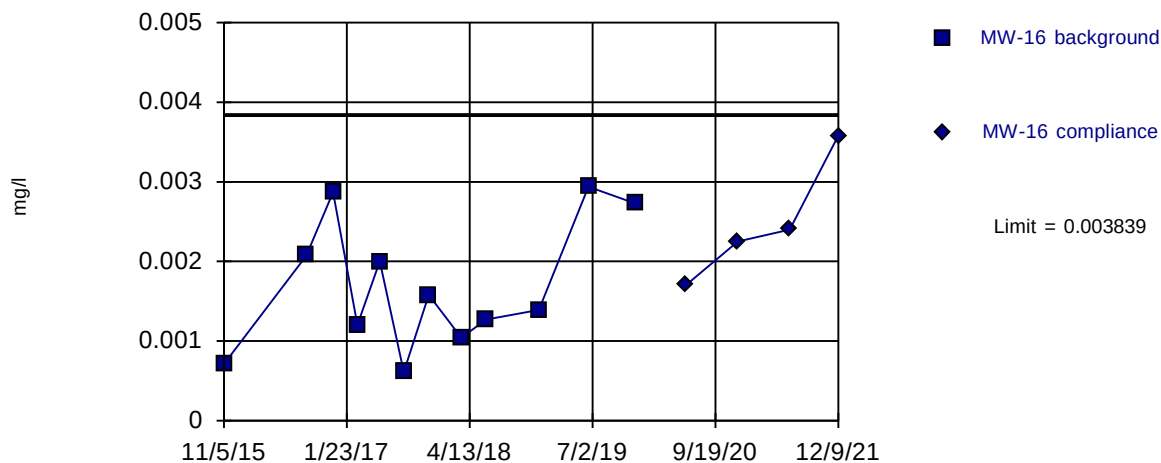
Background Data Summary: Mean=0.001872, Std. Dev.=0.001047, n=12. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9129, critical = 0.805. Kappa = 2.617 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Nickel Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



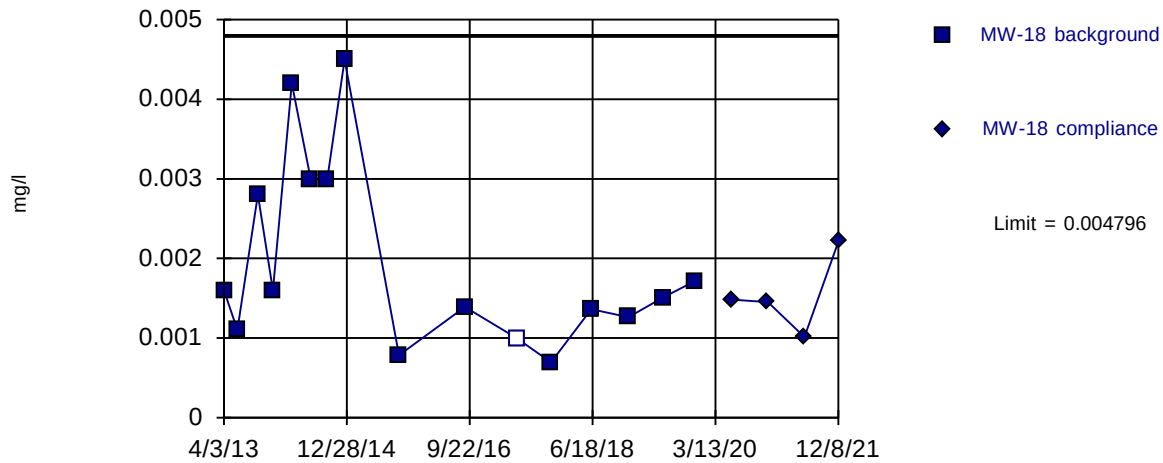
Background Data Summary: Mean=0.001701, Std. Dev.=0.0008174, n=12. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9219, critical = 0.805. Kappa = 2.617 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Nickel Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.00197, Std. Dev.=0.001174, n=16, 6.25% NDs. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8507, critical = 0.844. Kappa = 2.407 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

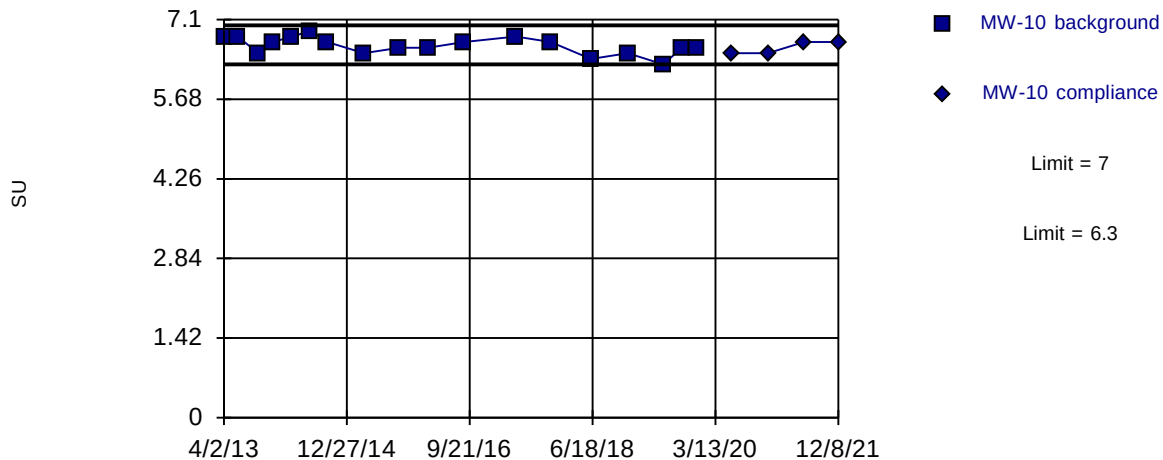
Constituent: Nickel Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.639, Std. Dev.=0.1577, n=18. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9544, critical = 0.858. Kappa = 2.348 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

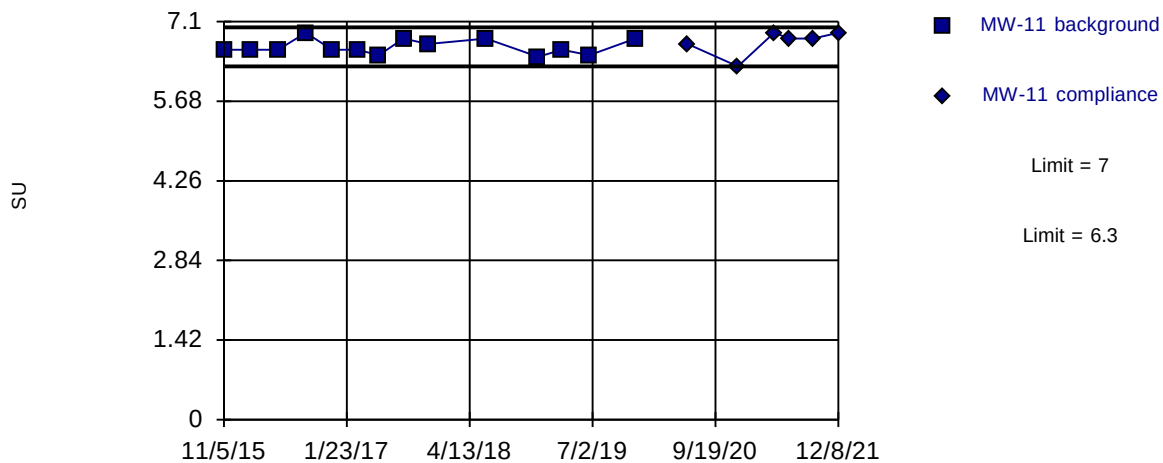
Constituent: pH Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.648, Std. Dev.=0.1315, n=14. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.891, critical = 0.825. Kappa = 2.512 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

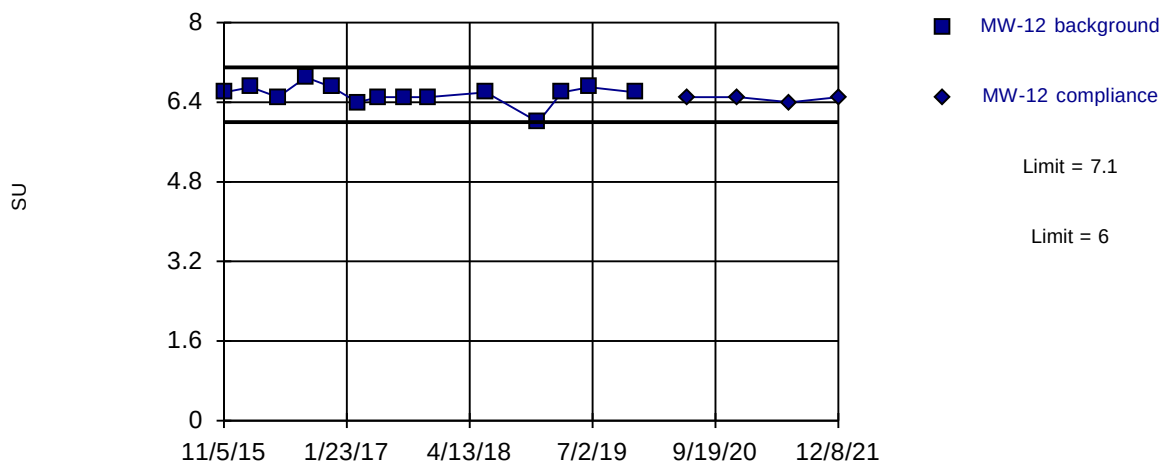
Constituent: pH Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.557, Std. Dev.=0.2027, n=14. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8579, critical = 0.825. Kappa = 2.512 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

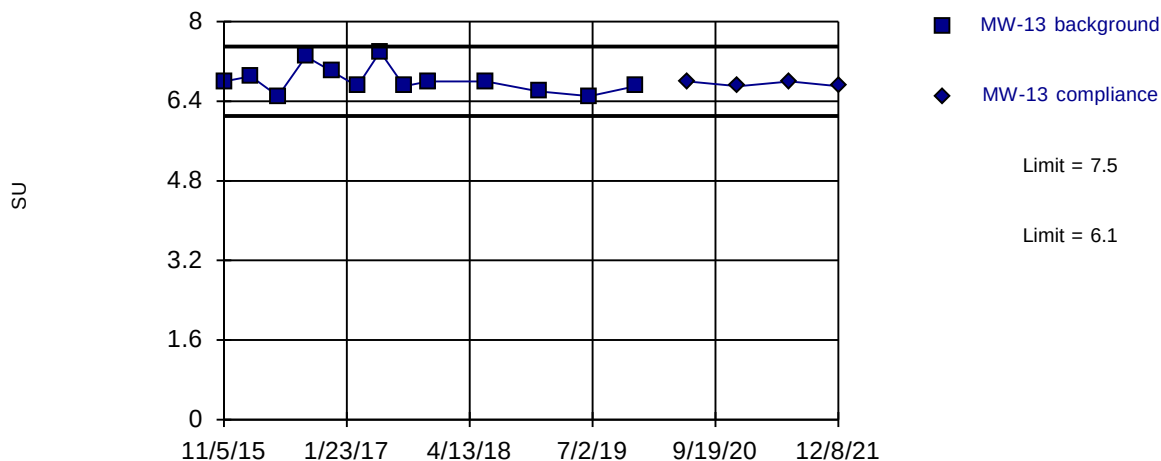
Constituent: pH Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limits

Prediction Limit

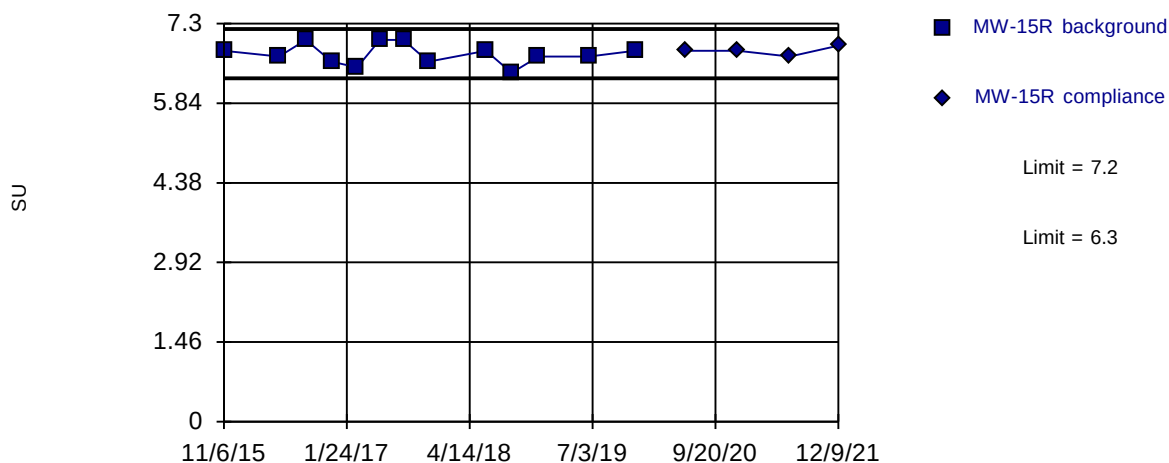
Intrawell Parametric



Within Limits

Prediction Limit

Intrawell Parametric



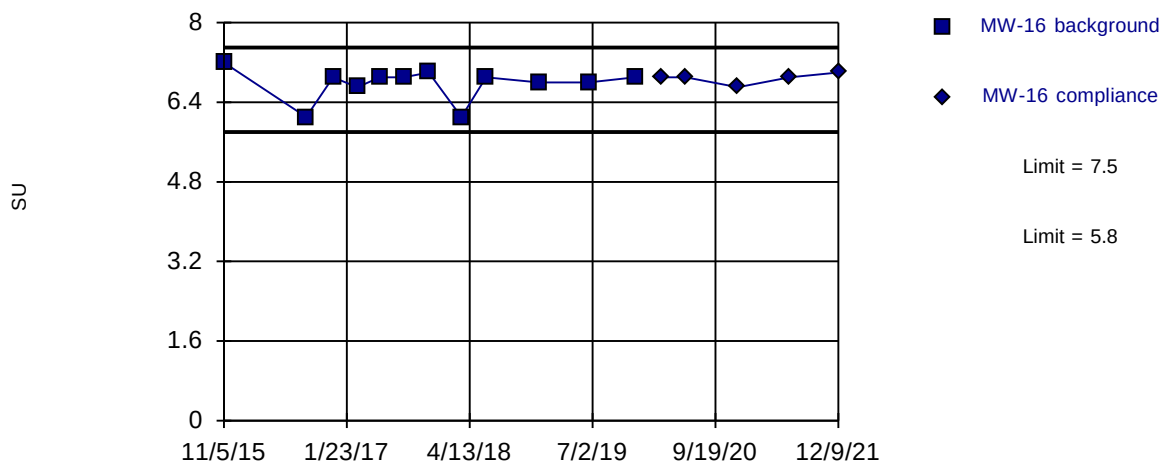
Background Data Summary: Mean=6.738, Std. Dev.=0.1895, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9354, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: pH Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limits

Prediction Limit

Intrawell Parametric



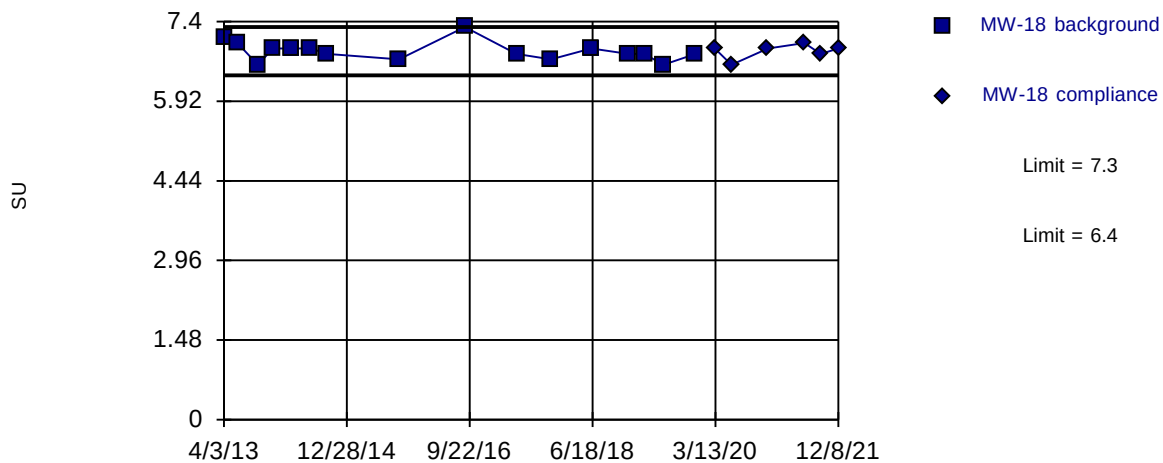
Background Data Summary (based on x^4 transformation): Mean=2124, Std. Dev.=381.6, n=12. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.815, critical = 0.805. Kappa = 2.617 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: pH Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limits

Prediction Limit

Intrawell Parametric



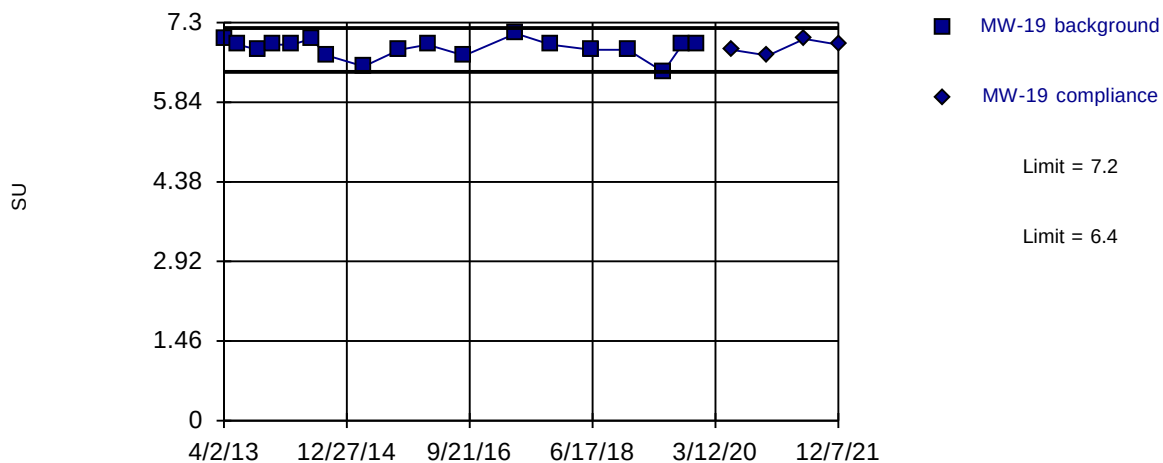
Background Data Summary: Mean=6.85, Std. Dev.=0.1789, n=16. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9165, critical = 0.844. Kappa = 2.407 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: pH Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limits

Prediction Limit

Intrawell Parametric



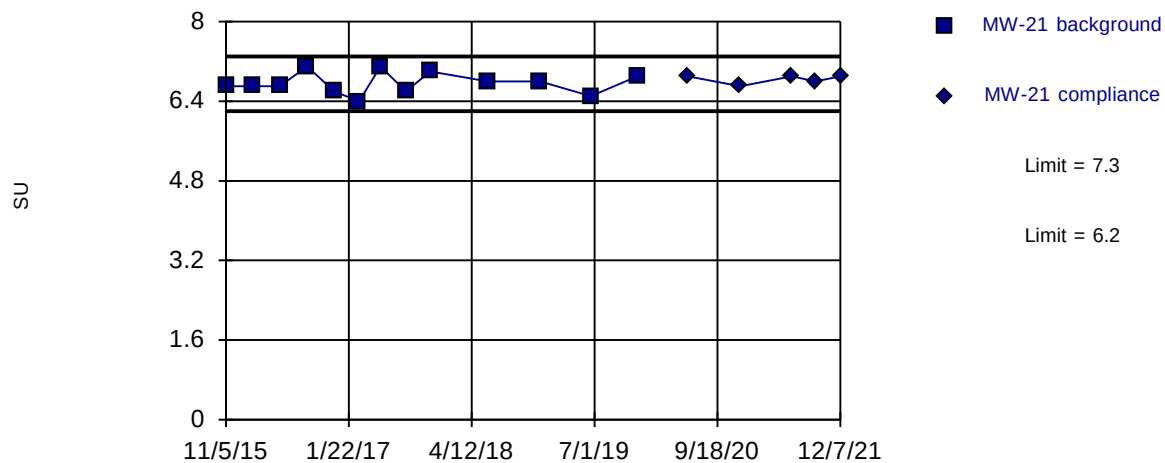
Background Data Summary: Mean=6.828, Std. Dev.=0.1708, n=18. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8859, critical = 0.858. Kappa = 2.348 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: pH Analysis Run 1/24/2022 10:00 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limits

Prediction Limit

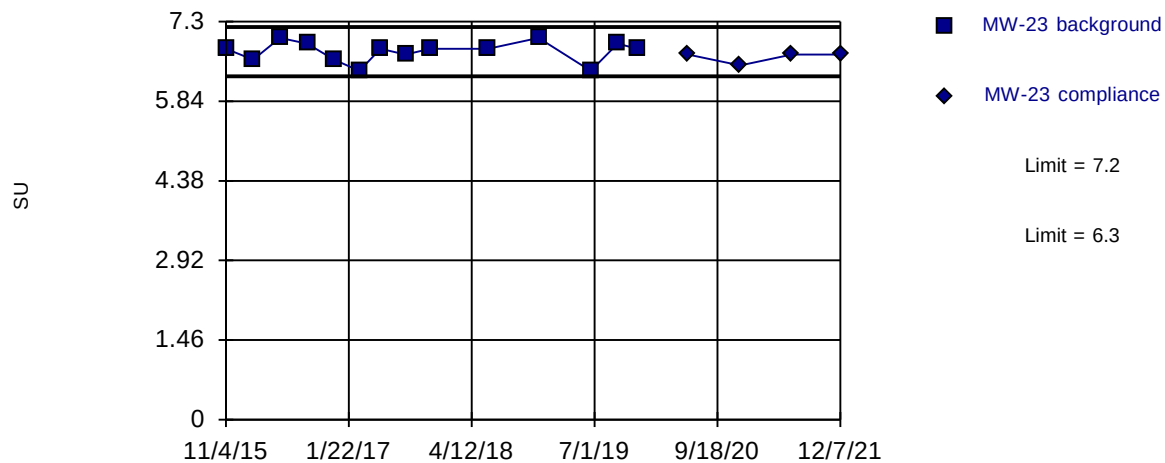
Intrawell Parametric



Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.75, Std. Dev.=0.1912, n=14. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9016, critical = 0.825. Kappa = 2.512 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

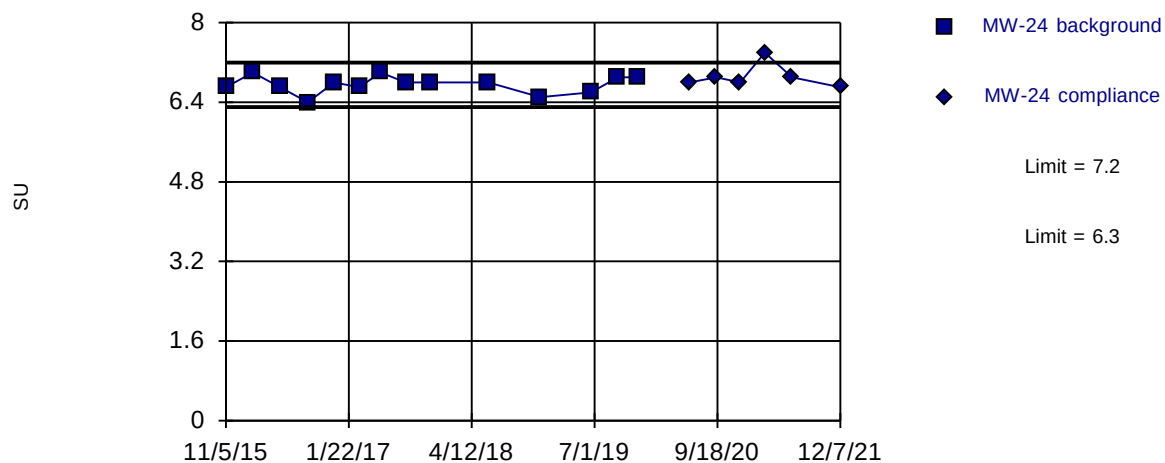
Constituent: pH Analysis Run 1/24/2022 10:01 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limits

Prediction Limit

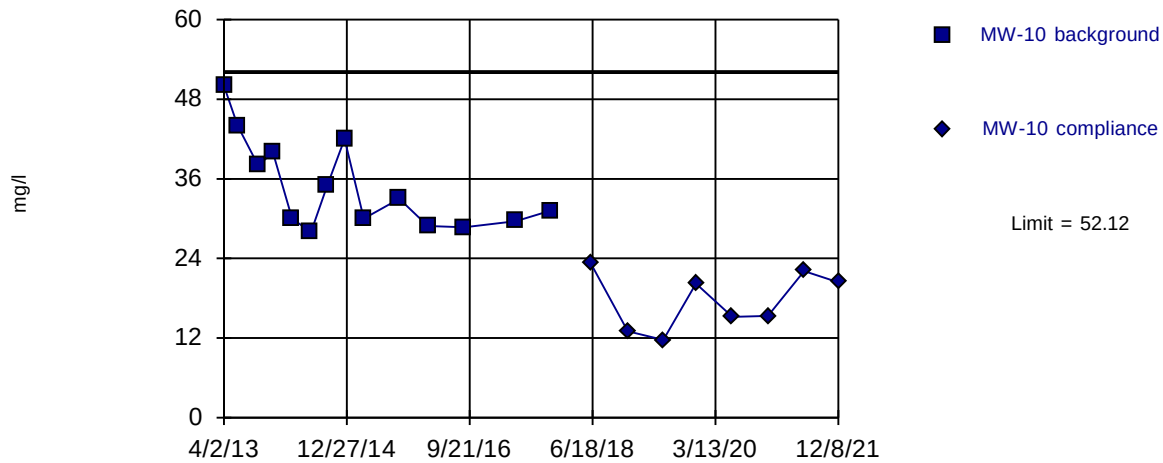
Intrawell Parametric



Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=34.89, Std. Dev.=6.863, n=14. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8733, critical = 0.825. Kappa = 2.512 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

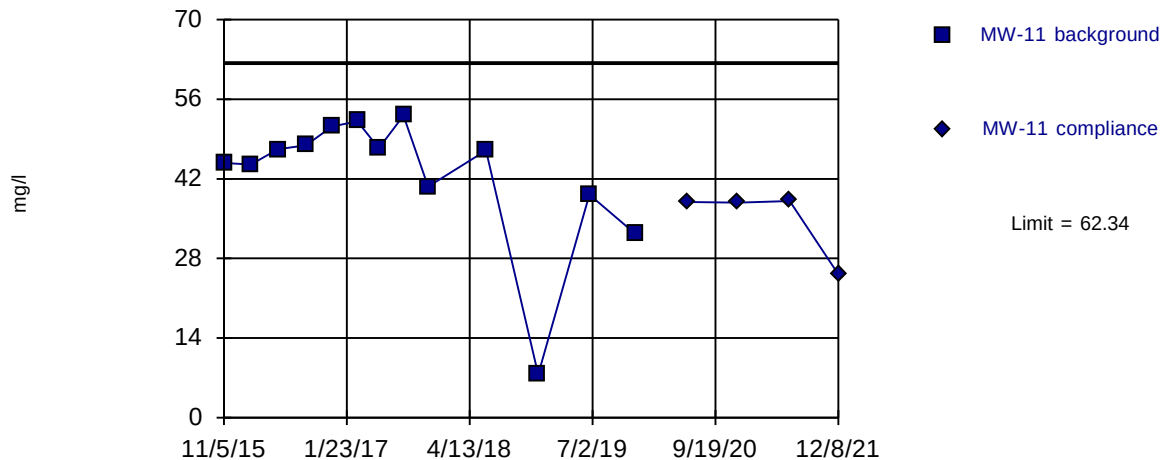
Constituent: Sulfate Analysis Run 1/24/2022 10:01 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=1954, Std. Dev.=753.4, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8805, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

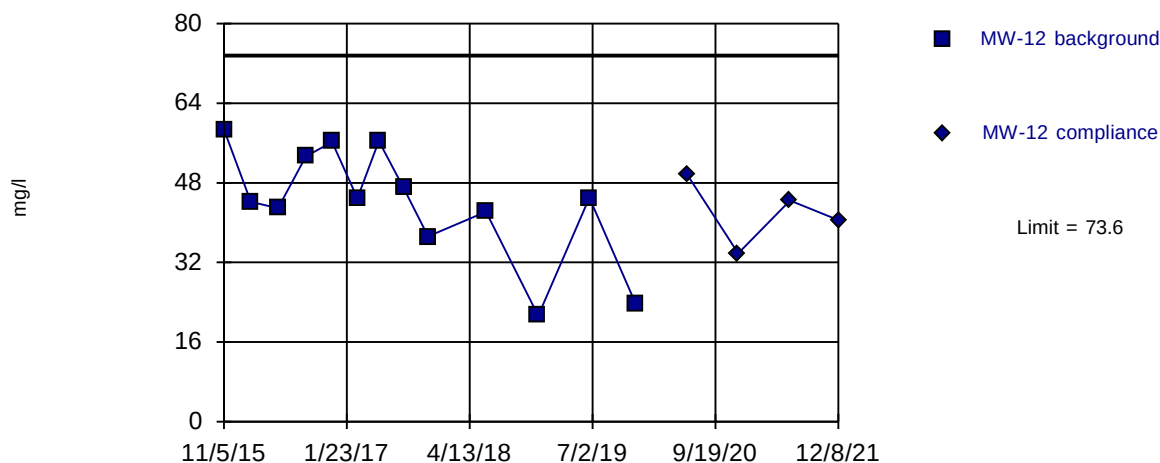
Constituent: Sulfate Analysis Run 1/24/2022 10:01 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=44.08, Std. Dev.=11.51, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9012, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

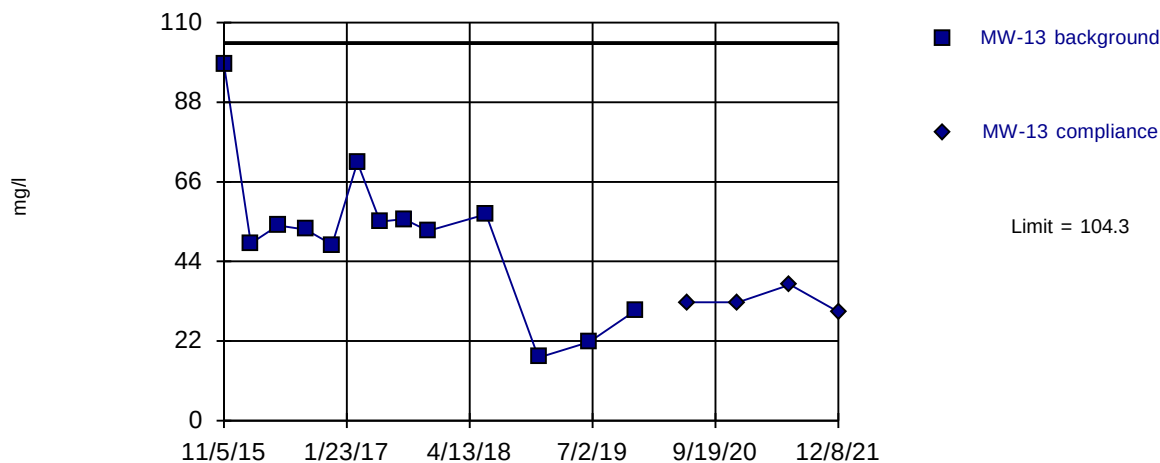
Constituent: Sulfate Analysis Run 1/24/2022 10:01 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=51.06, Std. Dev.=20.78, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9017, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

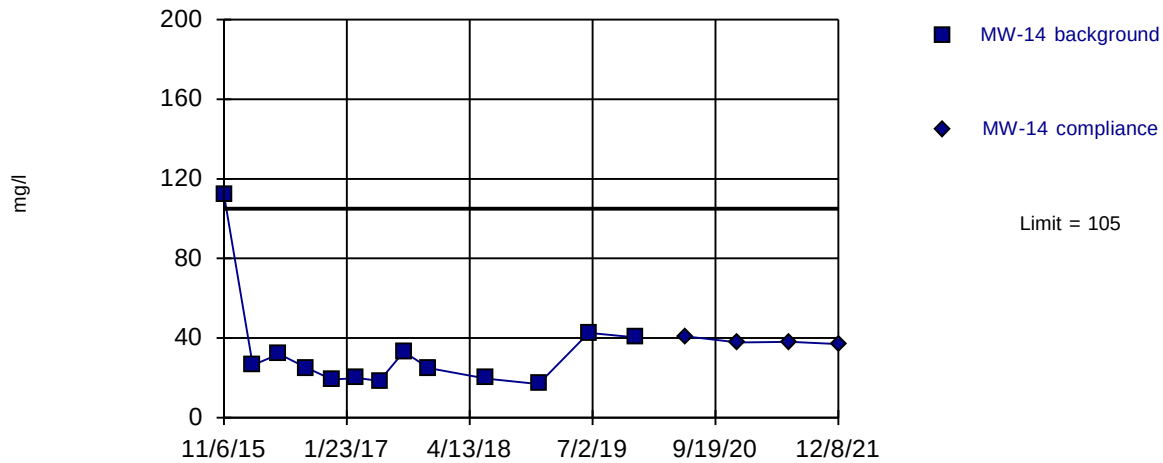
Constituent: Sulfate Analysis Run 1/24/2022 10:01 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=3.346, Std. Dev.=0.5103, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8372, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

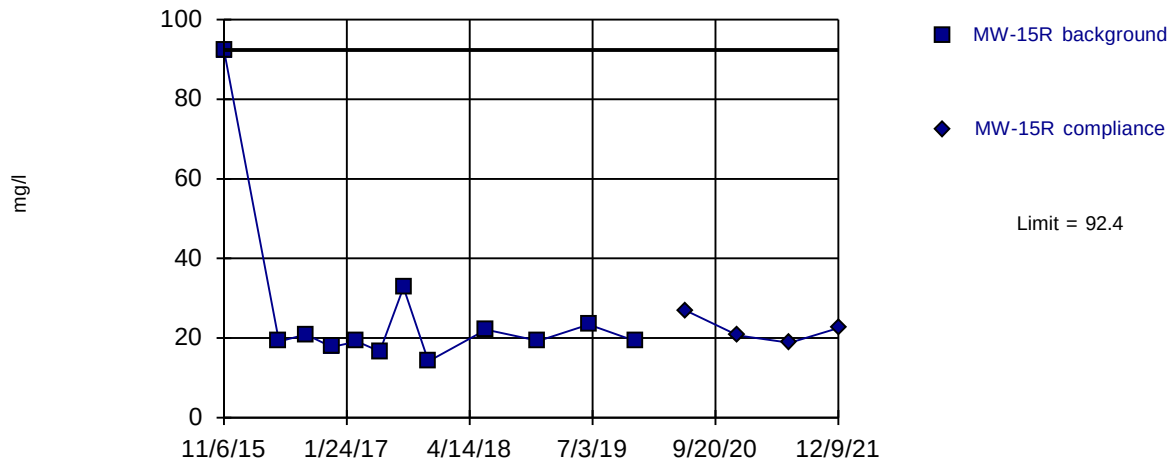
Constituent: Sulfate Analysis Run 1/24/2022 10:01 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 12 background values. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

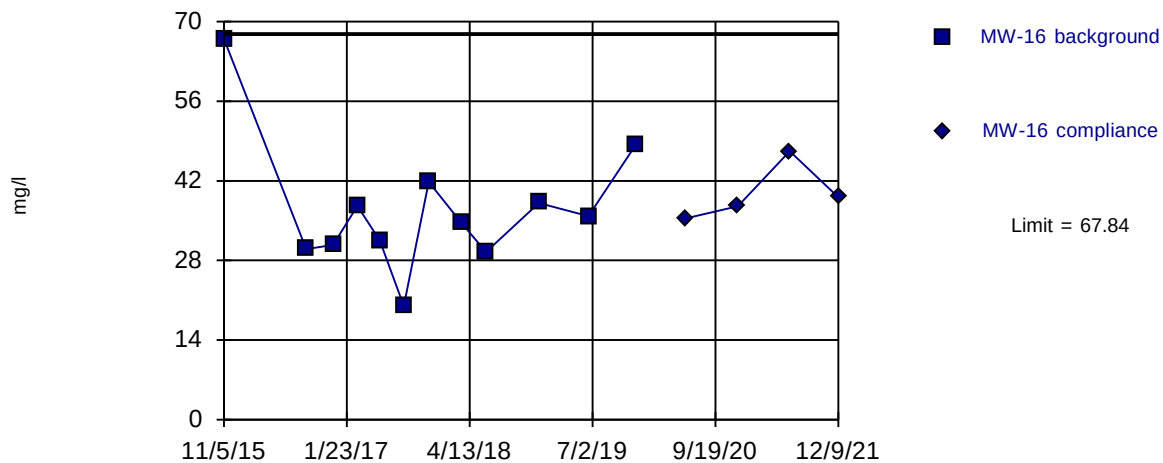
Constituent: Sulfate Analysis Run 1/24/2022 10:01 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=37.07, Std. Dev.=11.76, n=12. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8753, critical = 0.805. Kappa = 2.617 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

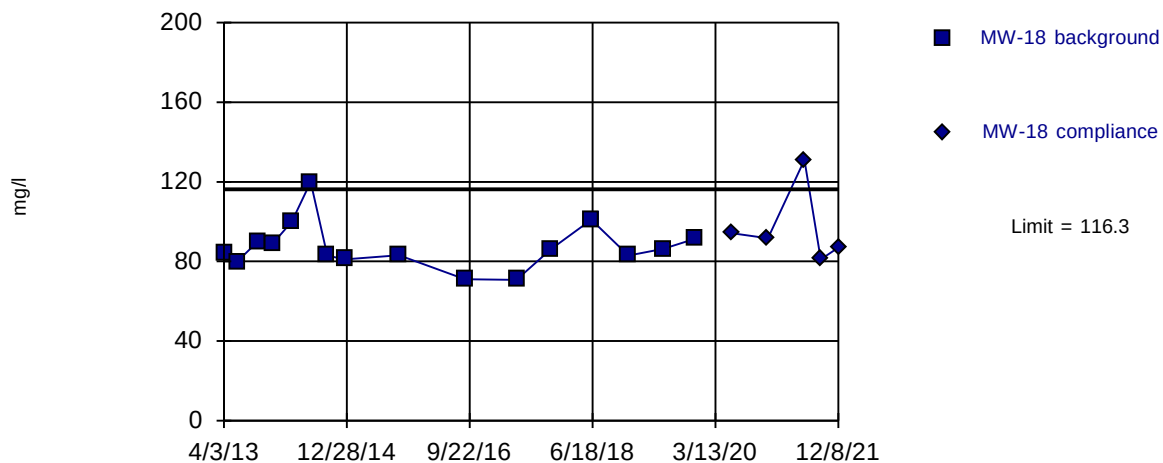
Constituent: Sulfate Analysis Run 1/24/2022 10:01 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=87.48, Std. Dev.=11.96, n=16. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8897, critical = 0.844. Kappa = 2.407 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

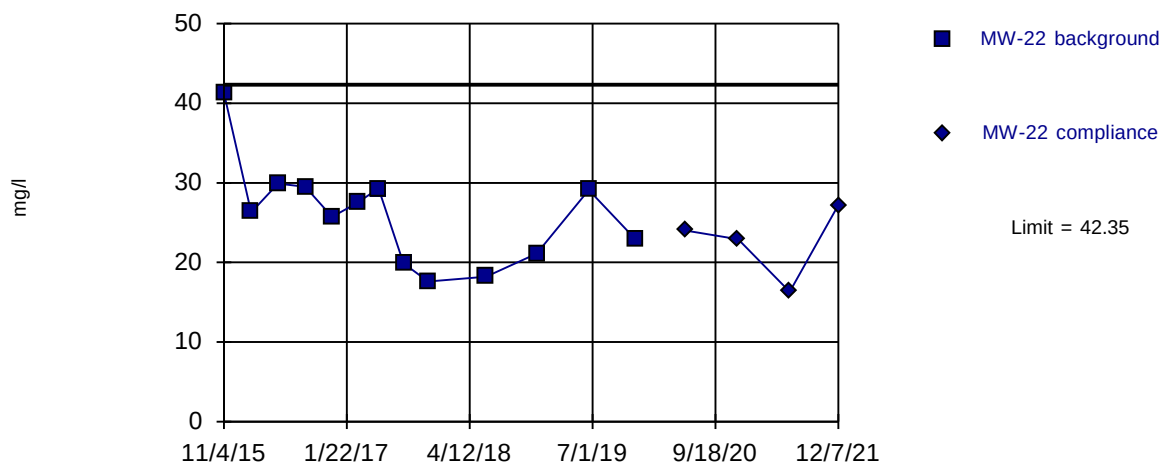
Constituent: Sulfate Analysis Run 1/24/2022 10:01 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=26.02, Std. Dev.=6.369, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9134, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

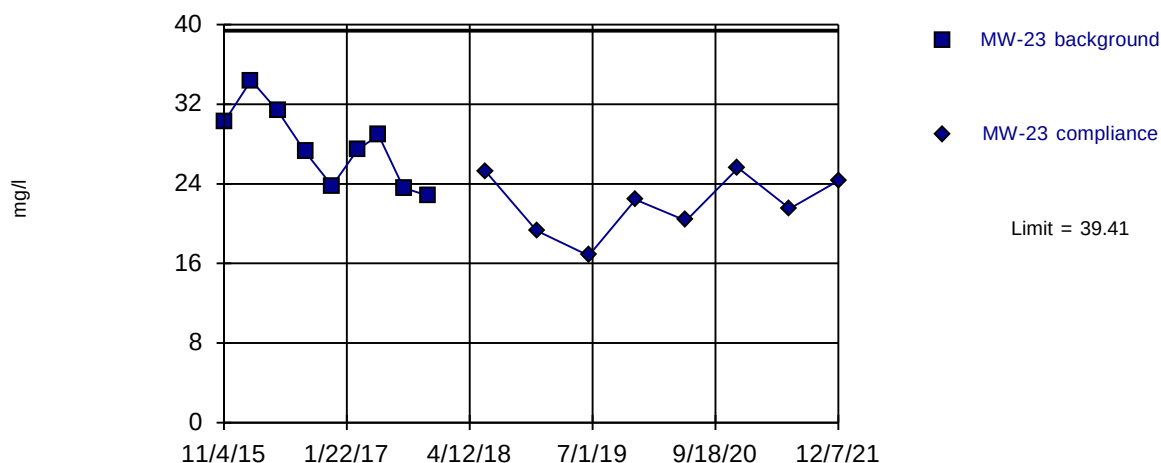
Constituent: Sulfate Analysis Run 1/24/2022 10:01 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



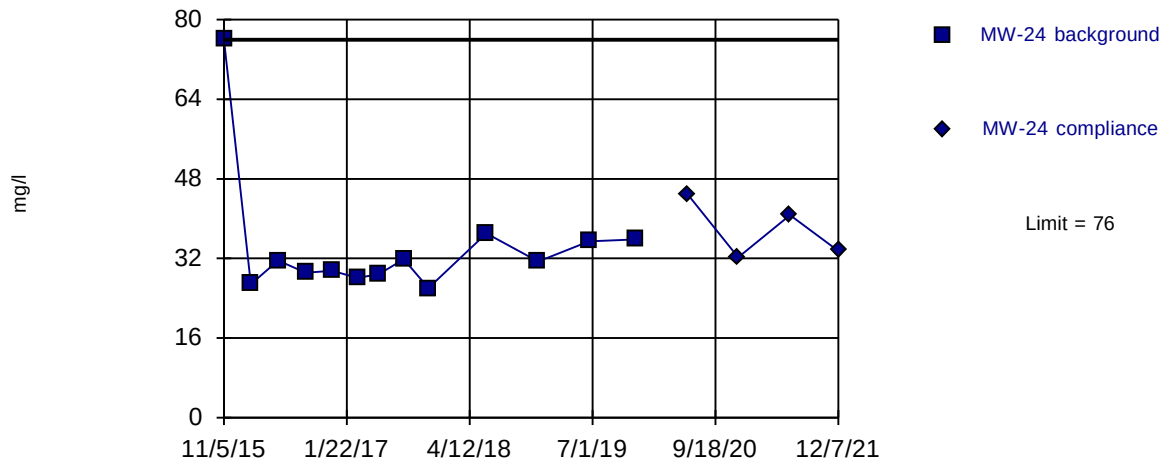
Background Data Summary: Mean=27.73, Std. Dev.=3.904, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9486, critical = 0.764. Kappa = 2.992 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: Sulfate Analysis Run 1/24/2022 10:01 AM View: Phase 2 - Prediction Limits

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit Intrawell Non-parametric

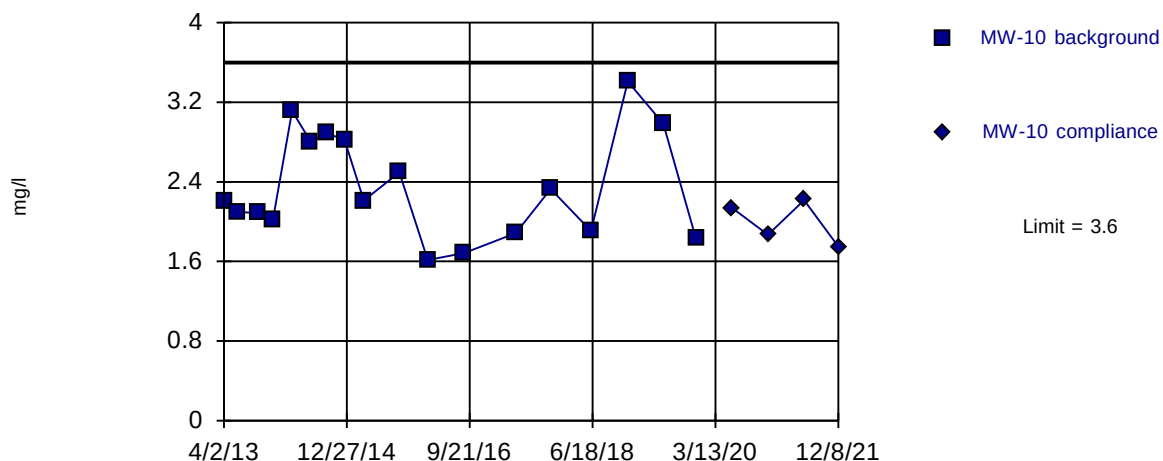


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 13 background values. Well-constituent pair annual alpha = 0.01929. Individual comparison alpha = 0.009692 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Sulfate Analysis Run 1/24/2022 10:01 AM View: Phase 2 - Prediction Limits
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit Intrawell Parametric



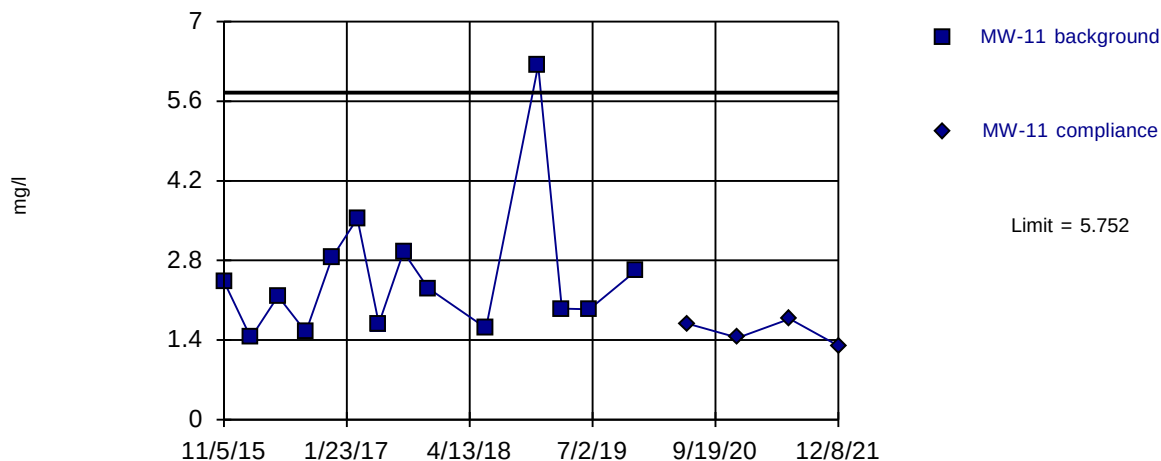
Background Data Summary: Mean=2.355, Std. Dev.=0.5305, n=18. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9424, critical = 0.858. Kappa = 2.348 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: TOC [Total Organic Carbon] Analysis Run 1/24/2022 10:01 AM View: Phase 2 - Prediction Li
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



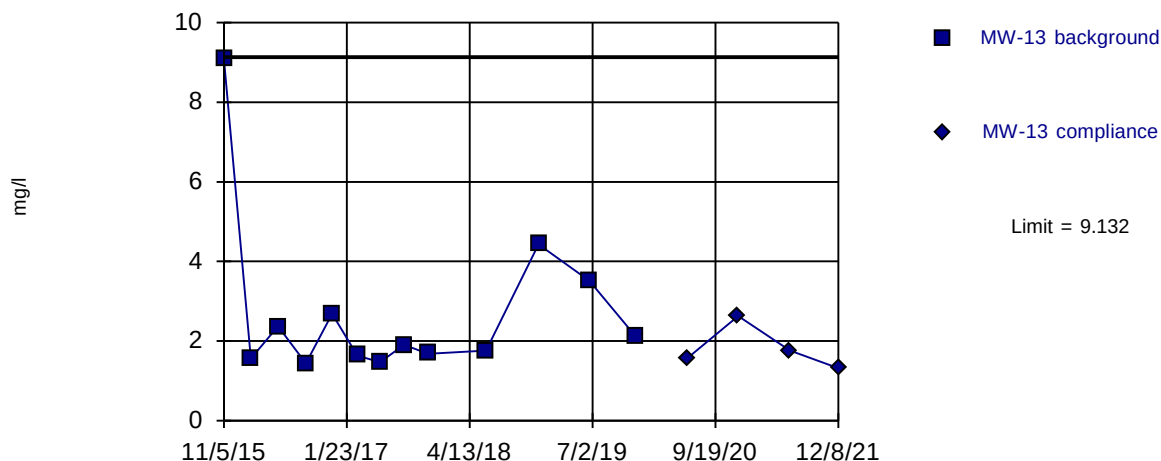
Background Data Summary (based on square root transformation): Mean=1.554, Std. Dev.=0.3364, n=14. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8436, critical = 0.825. Kappa = 2.512 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: TOC [Total Organic Carbon] Analysis Run 1/24/2022 10:01 AM View: Phase 2 - Prediction Li
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric

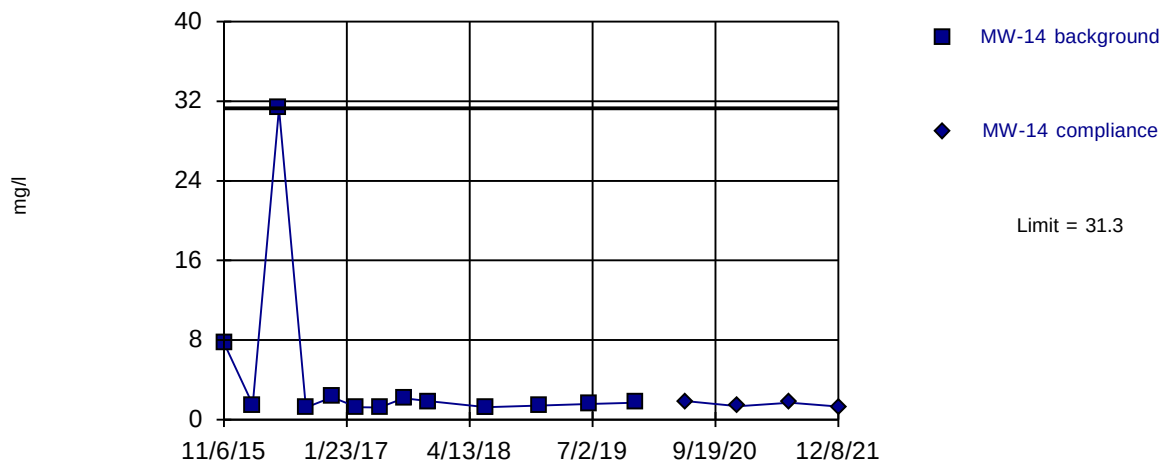


Background Data Summary (based on natural log transformation): Mean=0.843, Std. Dev.=0.5338, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8274, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: TOC [Total Organic Carbon] Analysis Run 1/24/2022 10:01 AM View: Phase 2 - Prediction Li
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit Intrawell Non-parametric

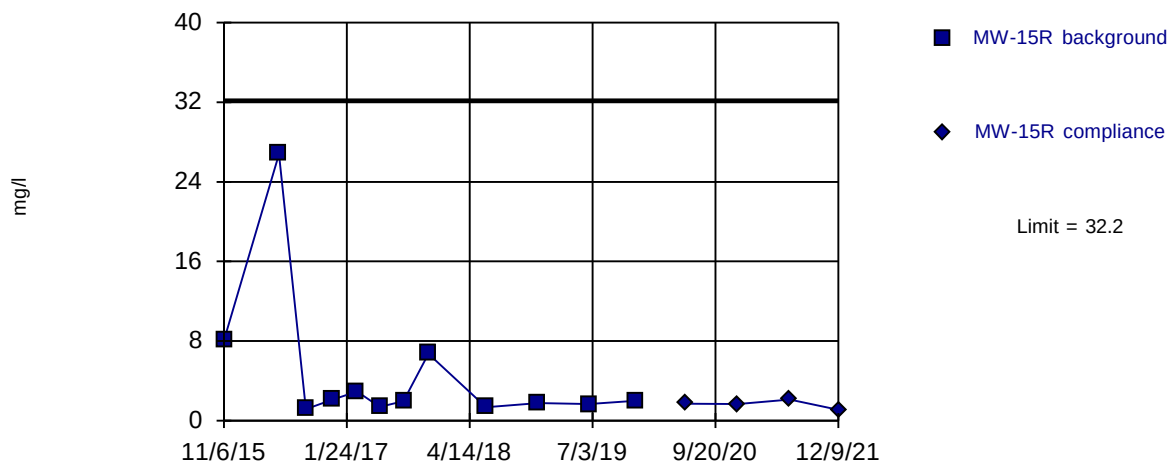


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 13 background values. Well-constituent pair annual alpha = 0.01929. Individual comparison alpha = 0.009692 (1 of 2). Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: TOC [Total Organic Carbon] Analysis Run 1/24/2022 10:01 AM View: Phase 2 - Prediction Li
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit Intrawell Parametric



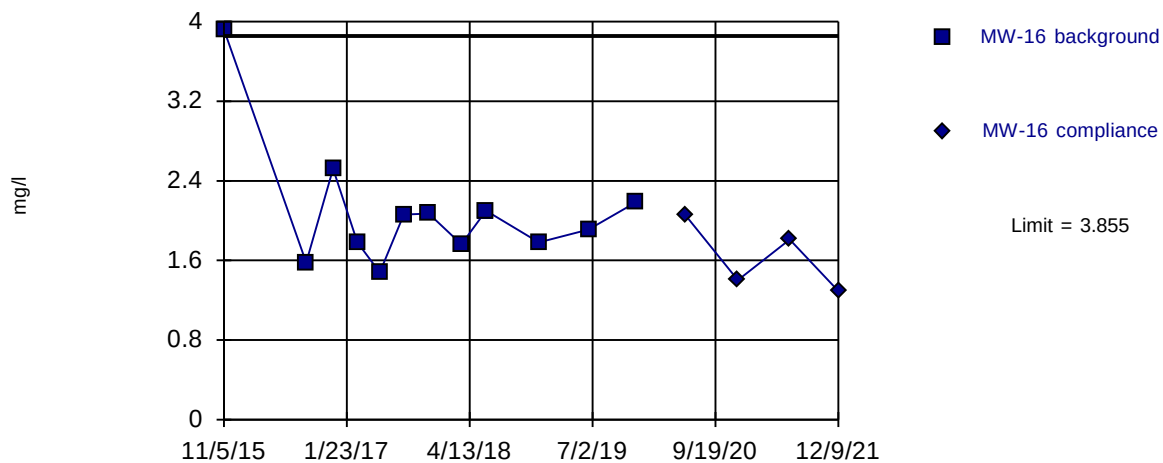
Background Data Summary (based on natural log transformation): Mean=1.021, Std. Dev.=0.9366, n=12. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8095, critical = 0.805. Kappa = 2.617 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

Constituent: TOC [Total Organic Carbon] Analysis Run 1/24/2022 10:01 AM View: Phase 2 - Prediction Li
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=1.27, Std. Dev.=0.1139, n=12. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8244, critical = 0.805. Kappa = 2.617 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

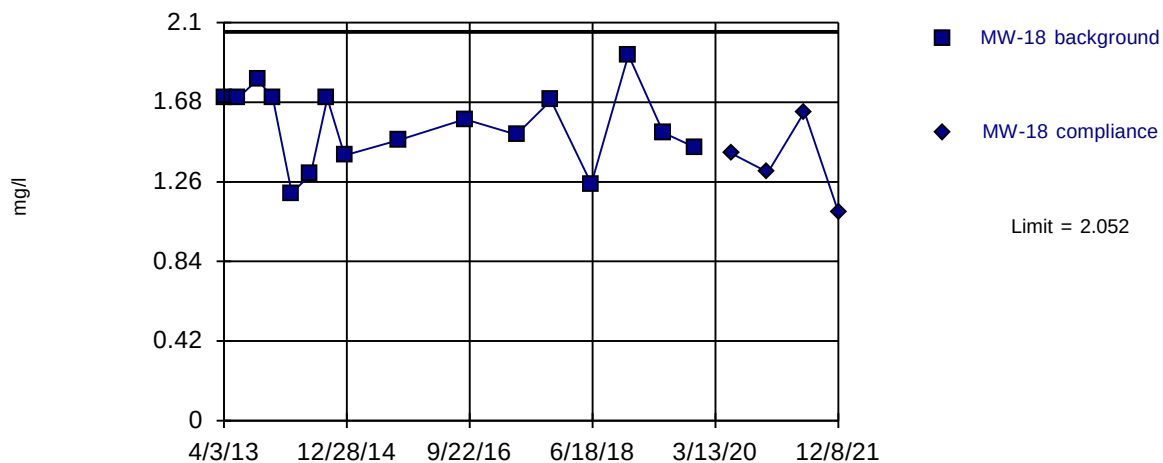
Constituent: TOC [Total Organic Carbon] Analysis Run 1/24/2022 10:01 AM View: Phase 2 - Prediction Li

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.557, Std. Dev.=0.2056, n=16. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9611, critical = 0.844. Kappa = 2.407 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

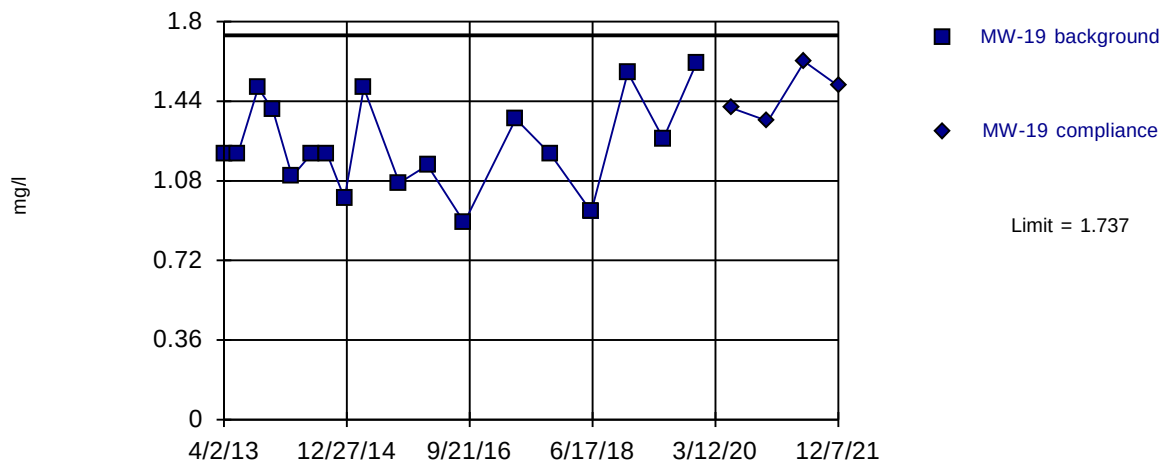
Constituent: TOC [Total Organic Carbon] Analysis Run 1/24/2022 10:01 AM View: Phase 2 - Prediction Li

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.242, Std. Dev.=0.2108, n=18. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.955, critical = 0.858. Kappa = 2.348 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

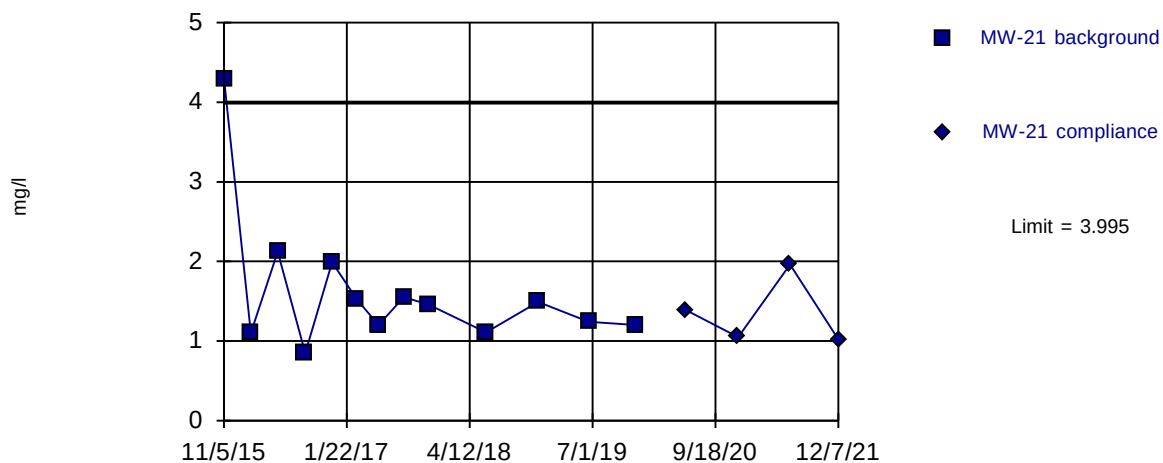
Constituent: TOC [Total Organic Carbon] Analysis Run 1/24/2022 10:01 AM View: Phase 2 - Prediction Li

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=1.151, Std. Dev.=0.1698, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.815, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

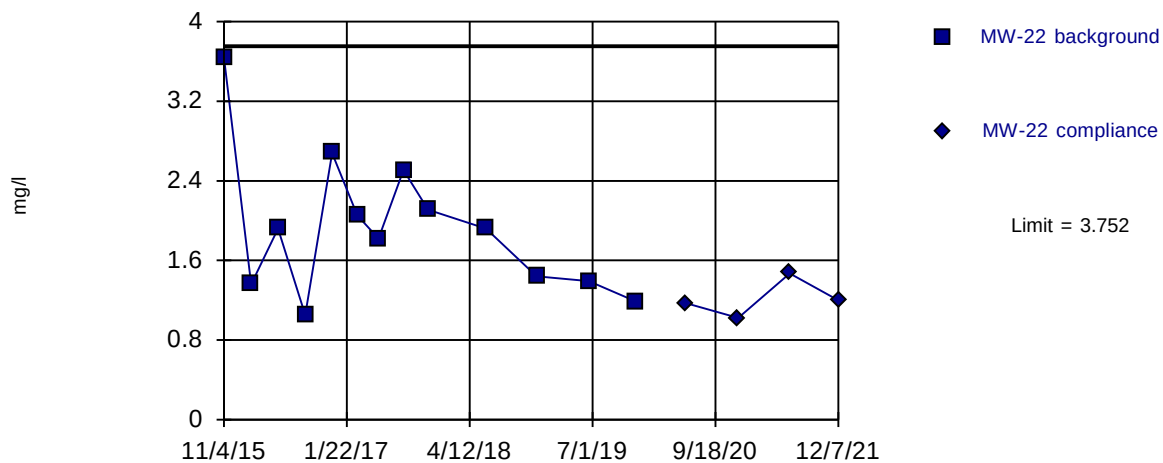
Constituent: TOC [Total Organic Carbon] Analysis Run 1/24/2022 10:01 AM View: Phase 2 - Prediction Li

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.929, Std. Dev.=0.7107, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.916, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

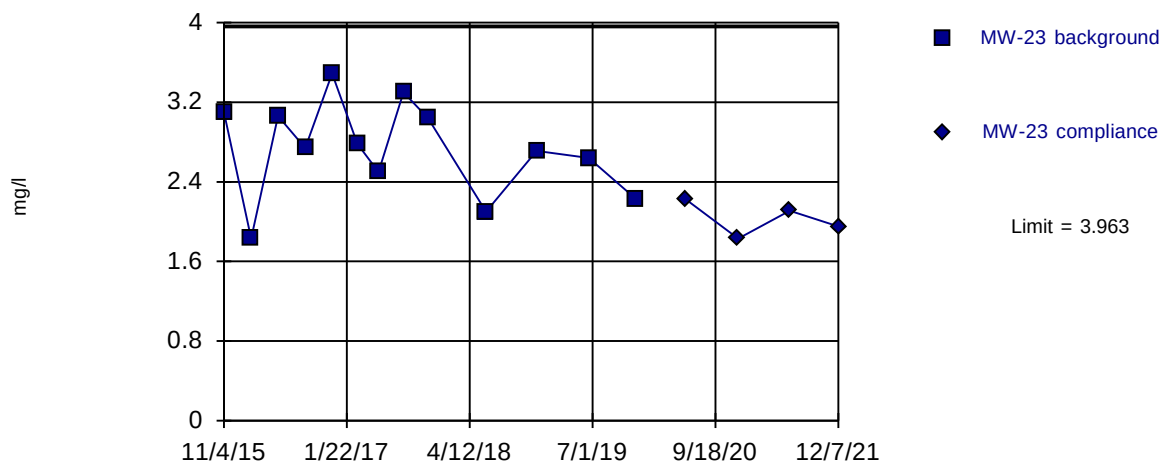
Constituent: TOC [Total Organic Carbon] Analysis Run 1/24/2022 10:01 AM View: Phase 2 - Prediction Li

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.732, Std. Dev.=0.48, n=13. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9747, critical = 0.814. Kappa = 2.564 (c=10, w=7, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007523.

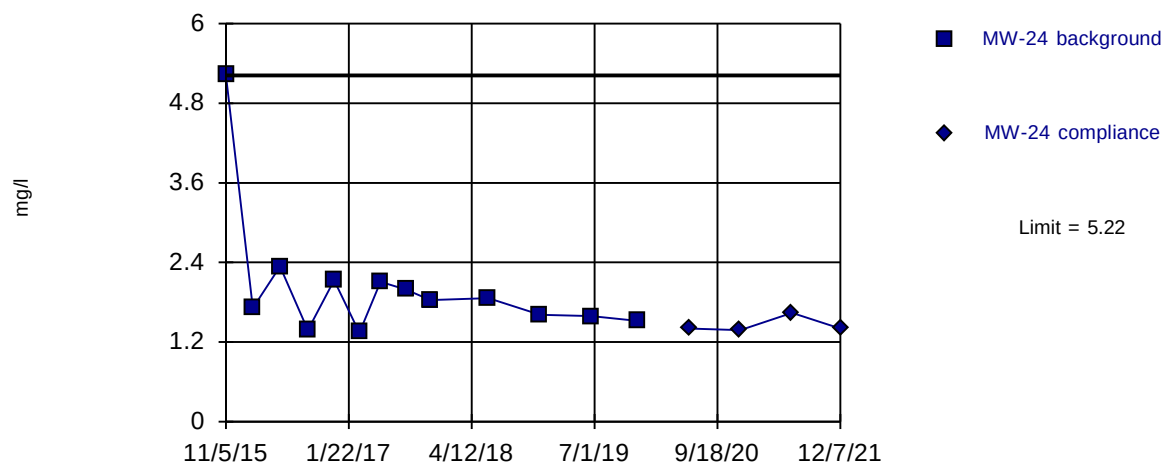
Constituent: TOC [Total Organic Carbon] Analysis Run 1/24/2022 10:01 AM View: Phase 2 - Prediction Li

Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Within Limit

Prediction Limit

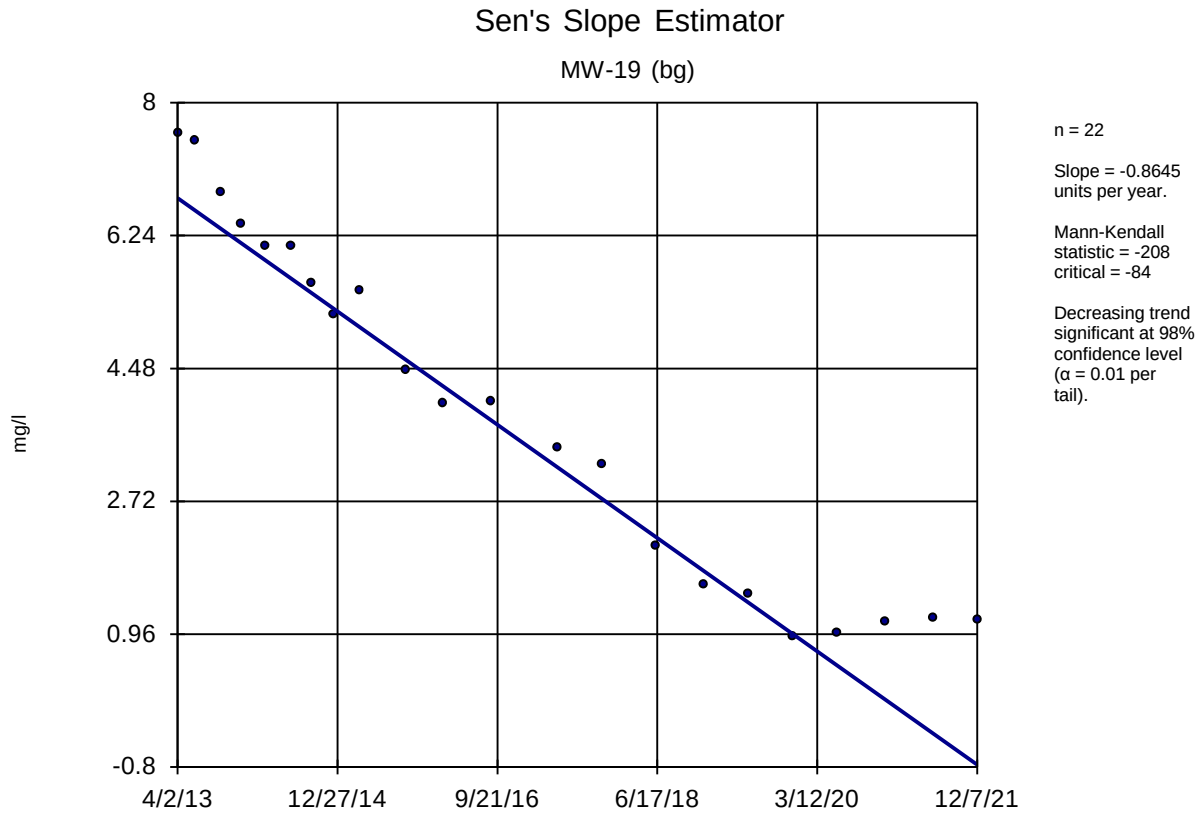
Intrawell Non-parametric



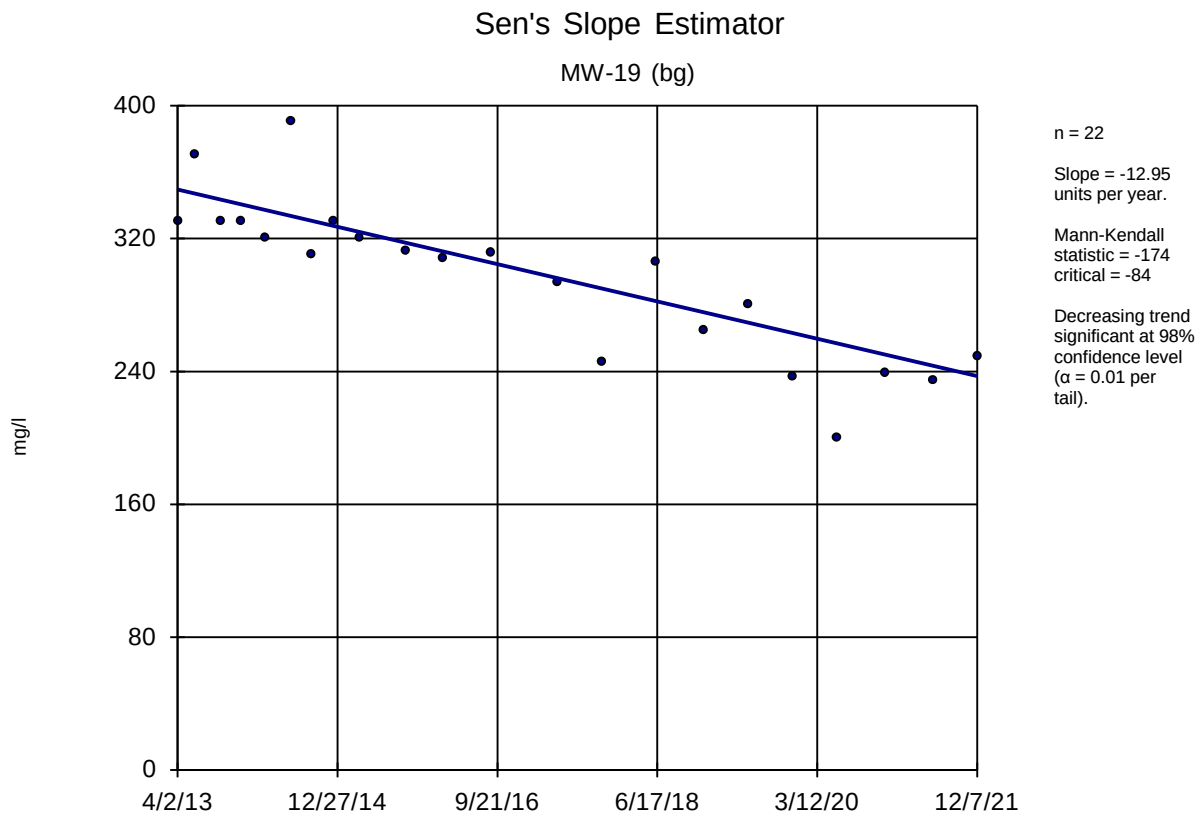
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 13 background values. Well-constituent pair annual alpha = 0.01929. Individual comparison alpha = 0.009692 (1 of 2). Insufficient data to test for seasonality; data were not deseasonalized.

Constituent: TOC [Total Organic Carbon] Analysis Run 1/24/2022 10:01 AM View: Phase 2 - Prediction Li
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

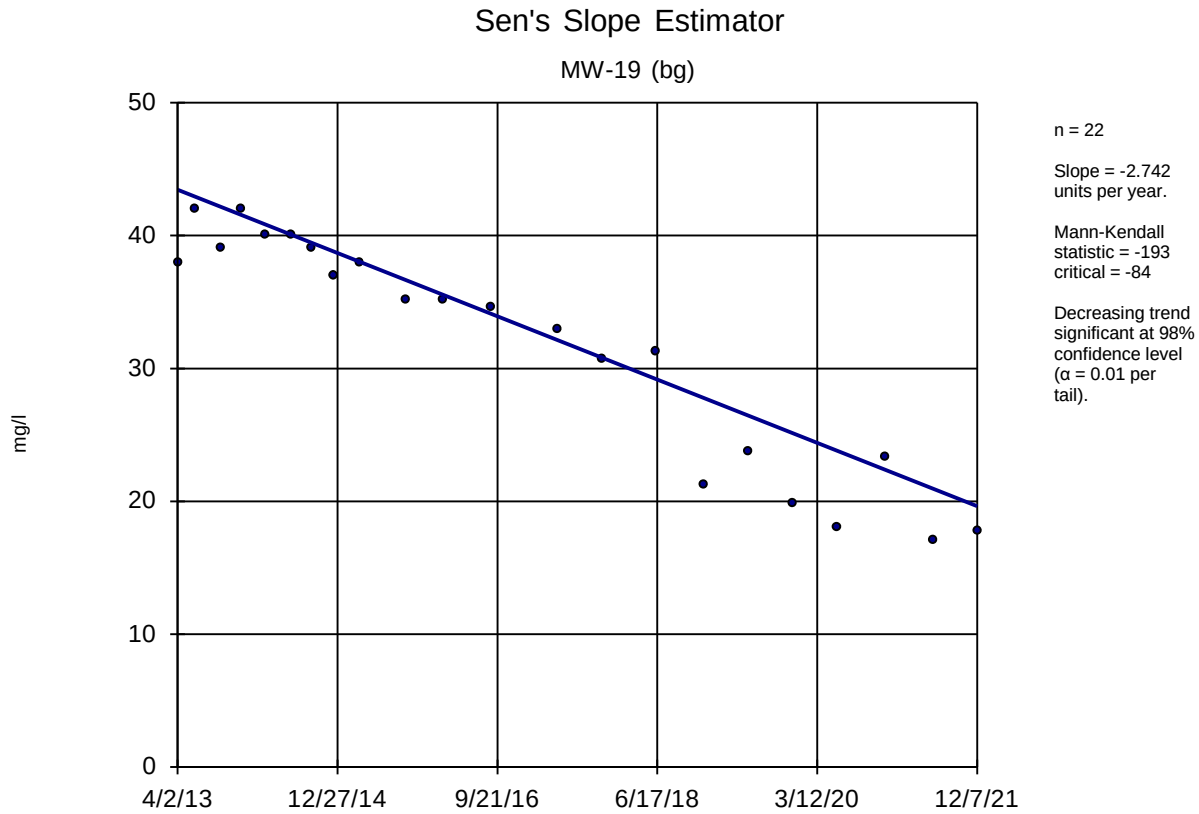
Trend Tests, Phase 2 Detection Monitoring



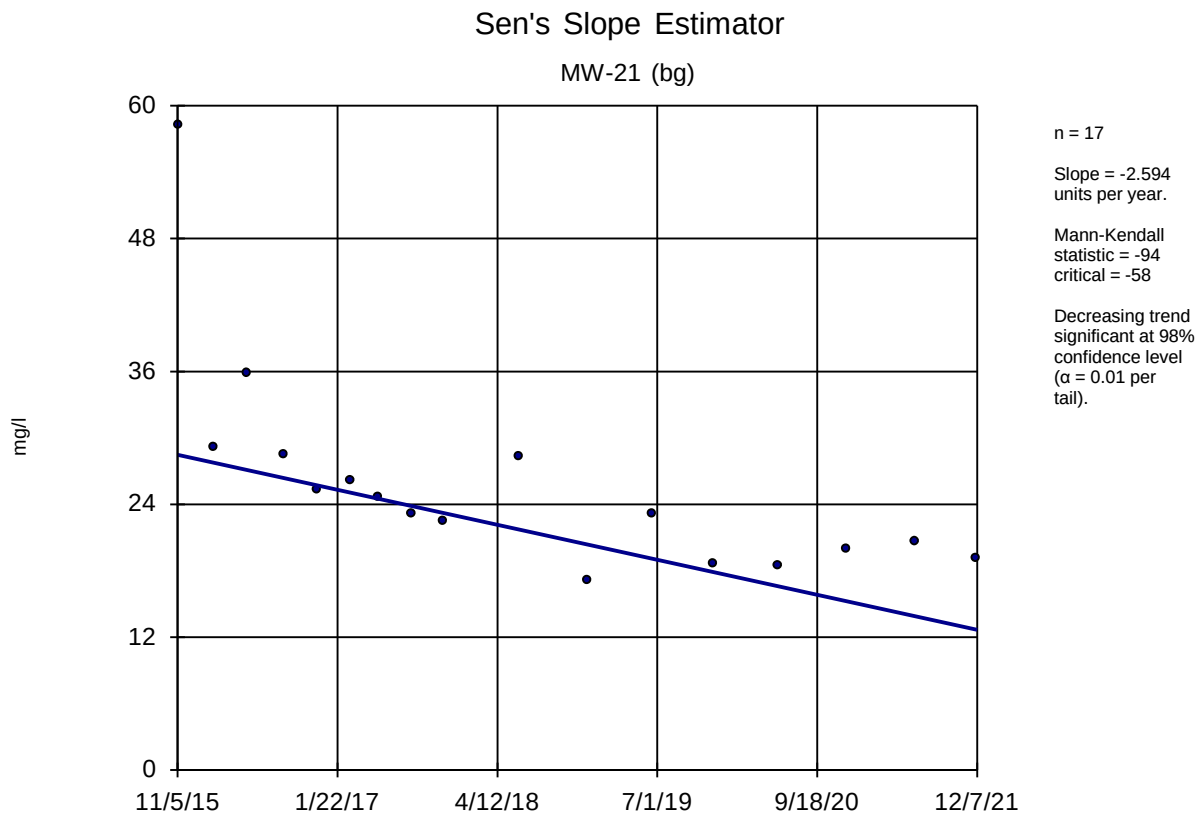
Constituent: Chloride Analysis Run 1/24/2022 10:17 AM View: Trend Tests - Detection
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database



Constituent: Dissolved Solids Analysis Run 1/24/2022 10:17 AM View: Trend Tests - Detection
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database



Constituent: Sulfate Analysis Run 1/24/2022 10:17 AM View: Trend Tests - Detection
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

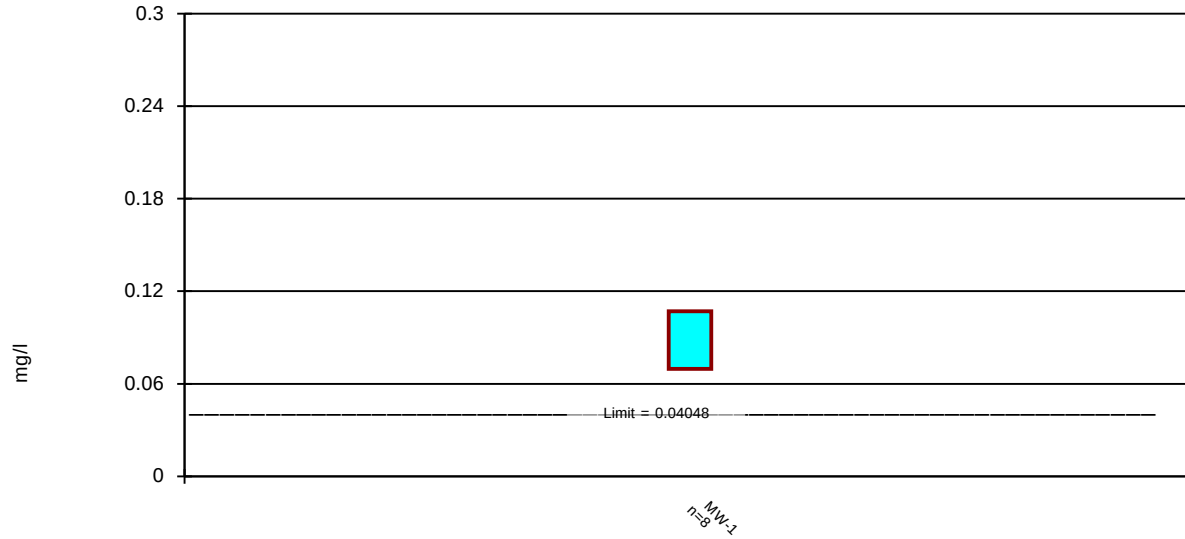


Constituent: Sulfate Analysis Run 1/24/2022 10:17 AM View: Trend Tests - Detection
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Confidence Intervals, Phase 1 Quarterly Assessment Monitoring

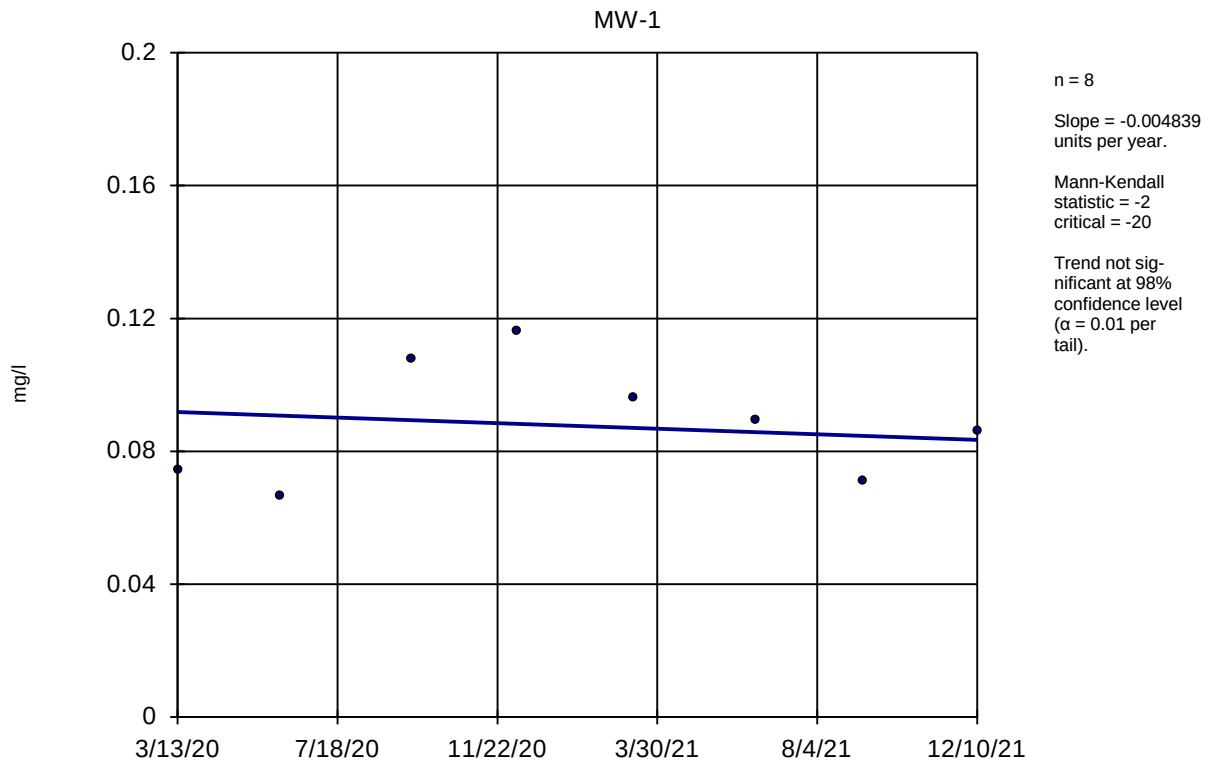
Parametric Confidence Interval

Compliance limit is exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 1/24/2022 9:31 AM View: Trend Tests - Assessment
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

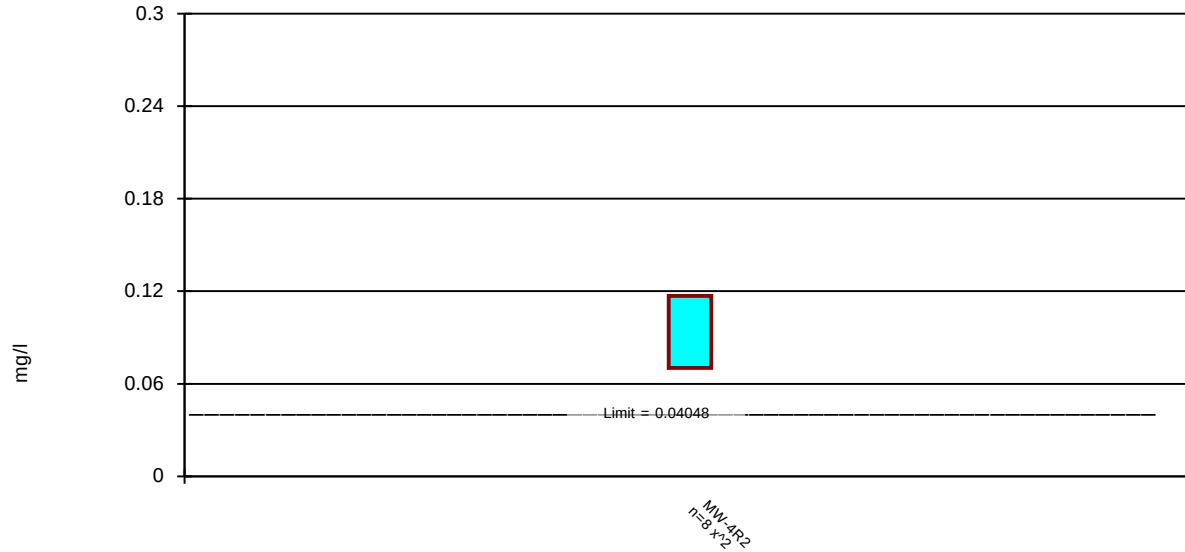
Sen's Slope Estimator



Constituent: Arsenic Analysis Run 1/24/2022 9:32 AM View: Trend Tests - Assessment
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Parametric Confidence Interval

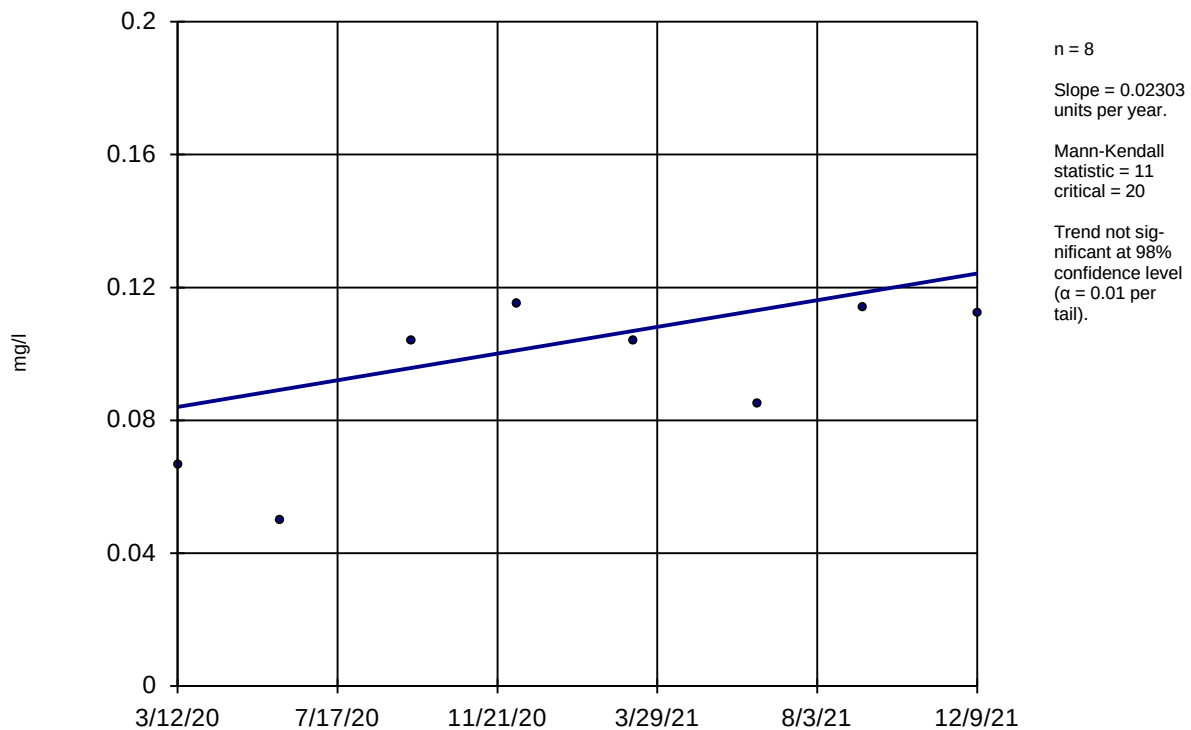
Compliance limit is exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 1/24/2022 9:33 AM View: Trend Tests - Assessment
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Sen's Slope Estimator

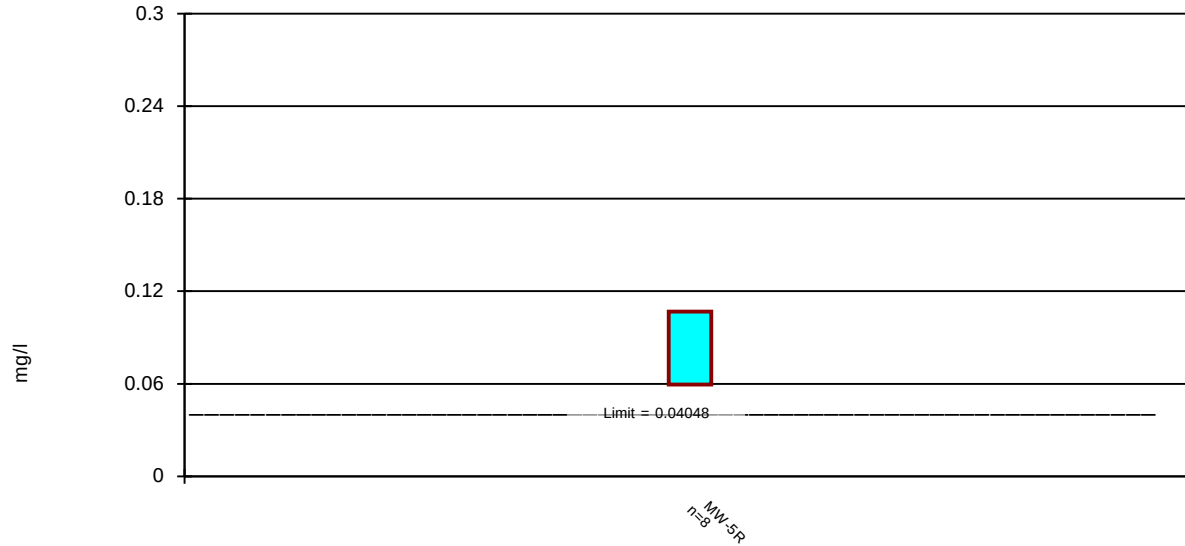
MW-4R2



Constituent: Arsenic Analysis Run 1/24/2022 9:35 AM View: Trend Tests - Assessment
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

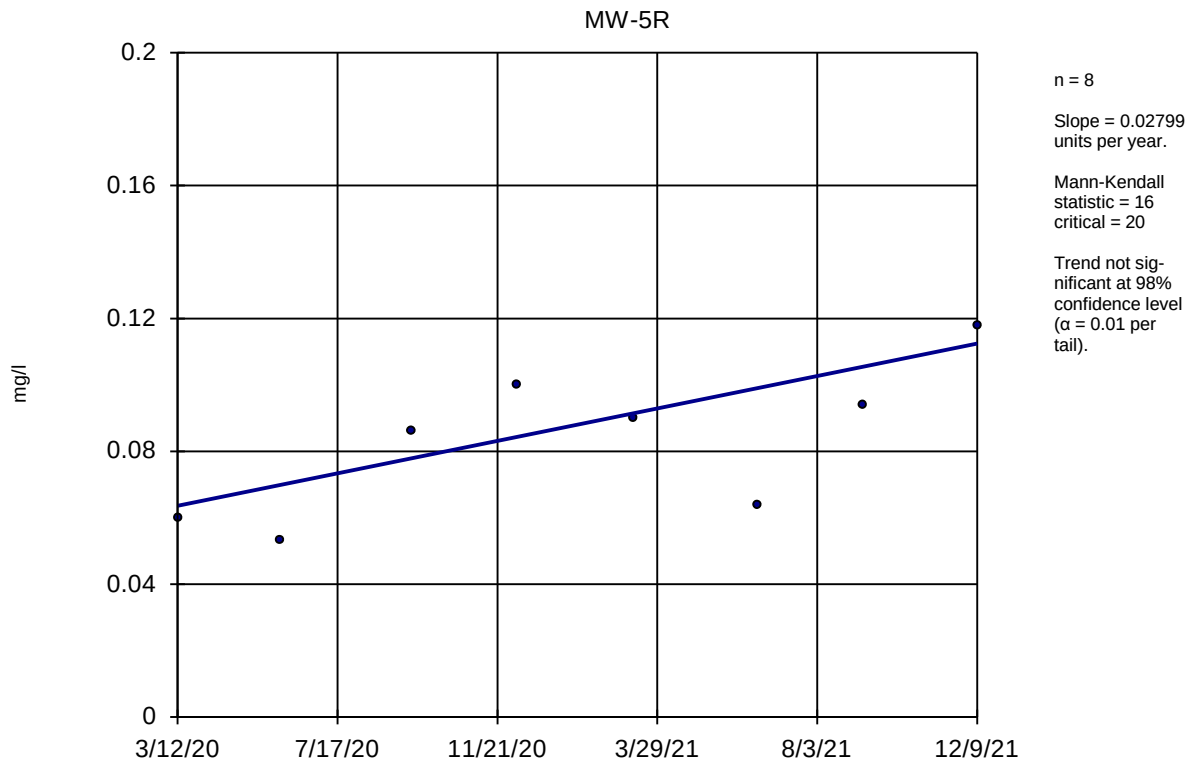
Parametric Confidence Interval

Compliance limit is exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 1/24/2022 9:36 AM View: Trend Tests - Assessment
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

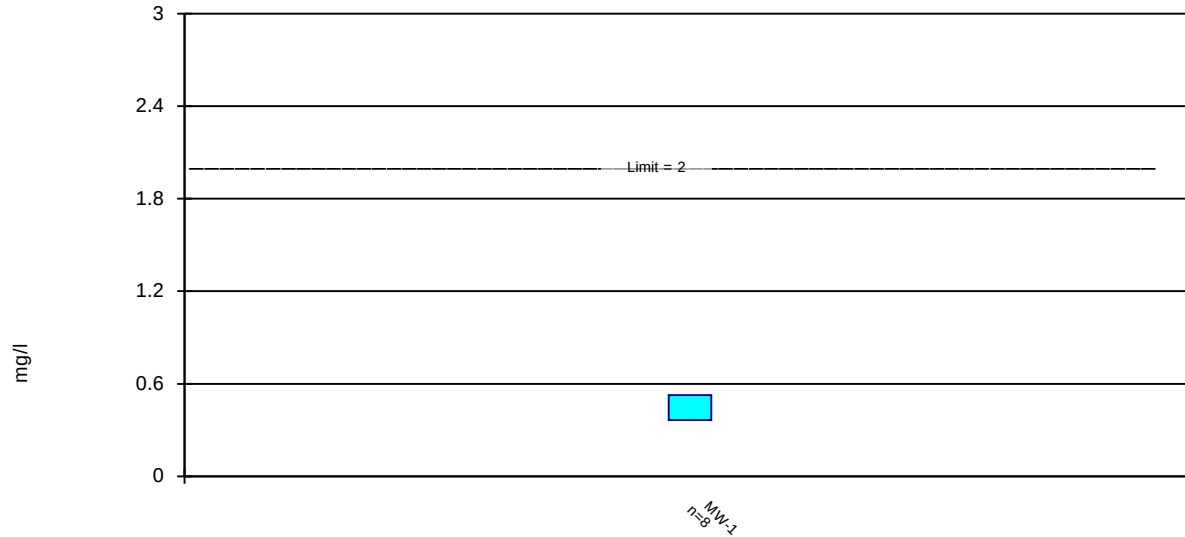
Sen's Slope Estimator



Constituent: Arsenic Analysis Run 1/24/2022 9:37 AM View: Trend Tests - Assessment
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

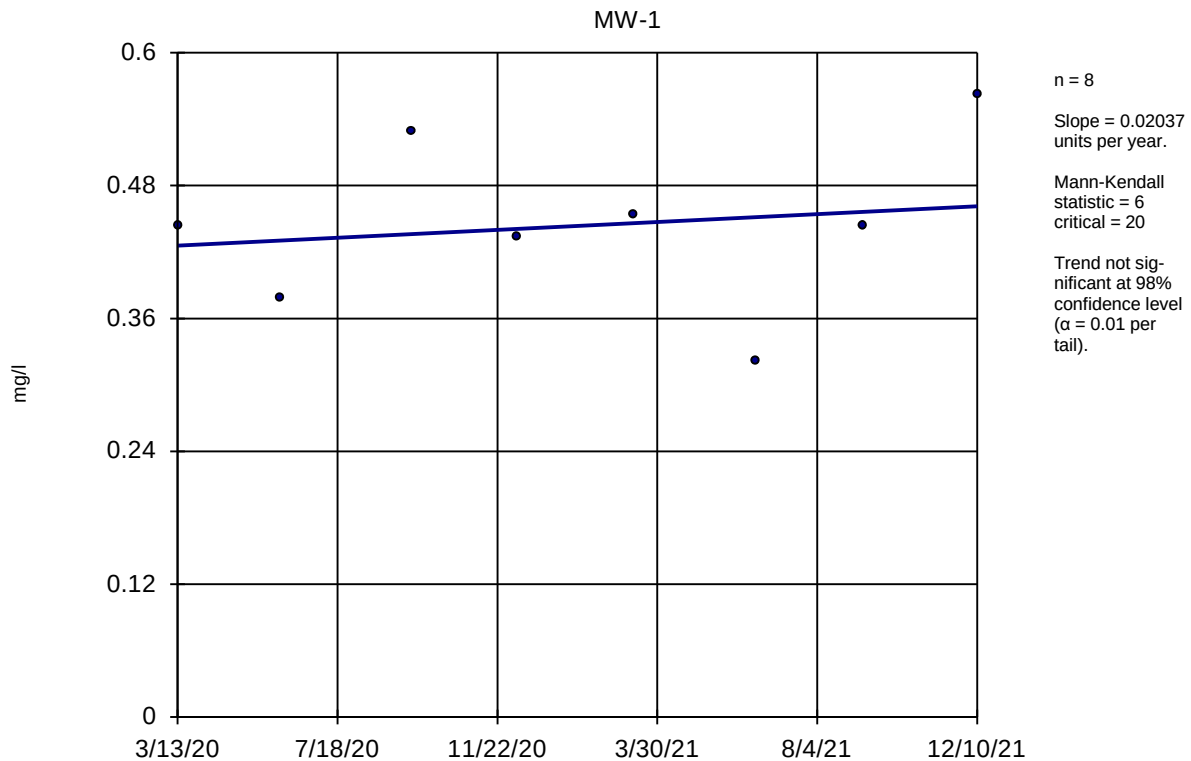
Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 1/24/2022 9:31 AM View: Trend Tests - Assessment
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

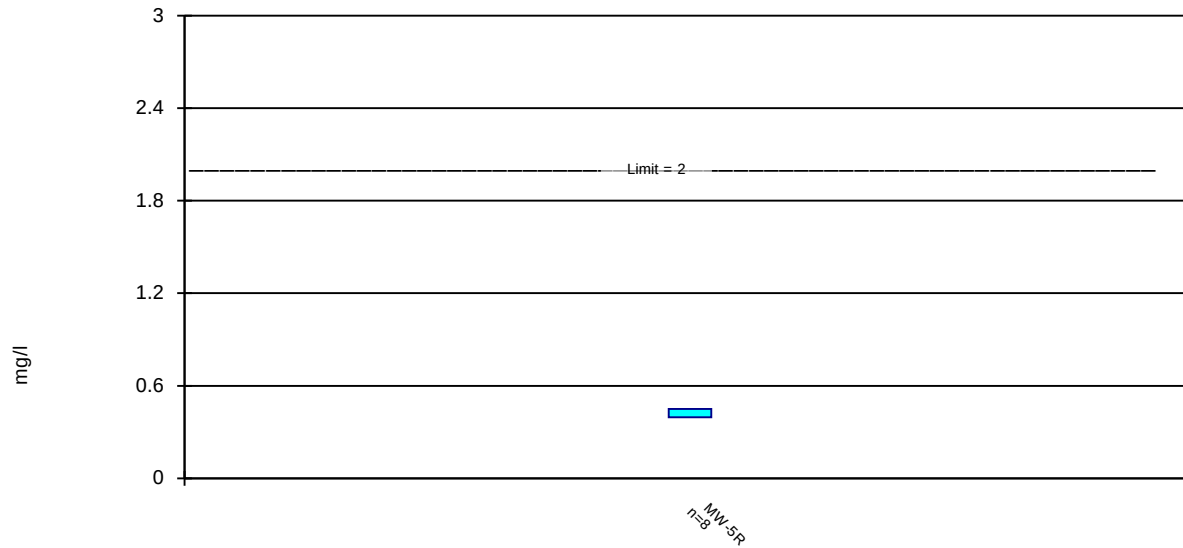
Sen's Slope Estimator



Constituent: Barium Analysis Run 1/24/2022 9:32 AM View: Trend Tests - Assessment
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

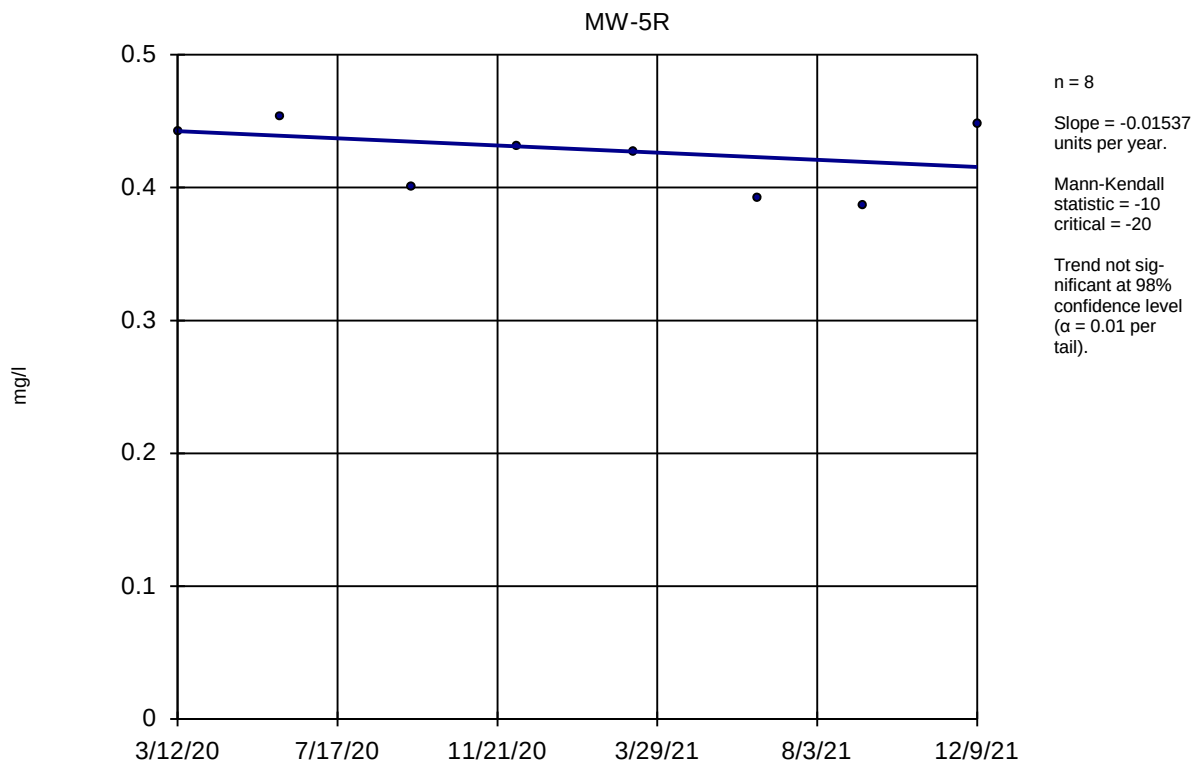
Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 1/24/2022 9:33 AM View: Trend Tests - Assessment
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Sen's Slope Estimator



Constituent: Barium Analysis Run 1/24/2022 9:35 AM View: Trend Tests - Assessment
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

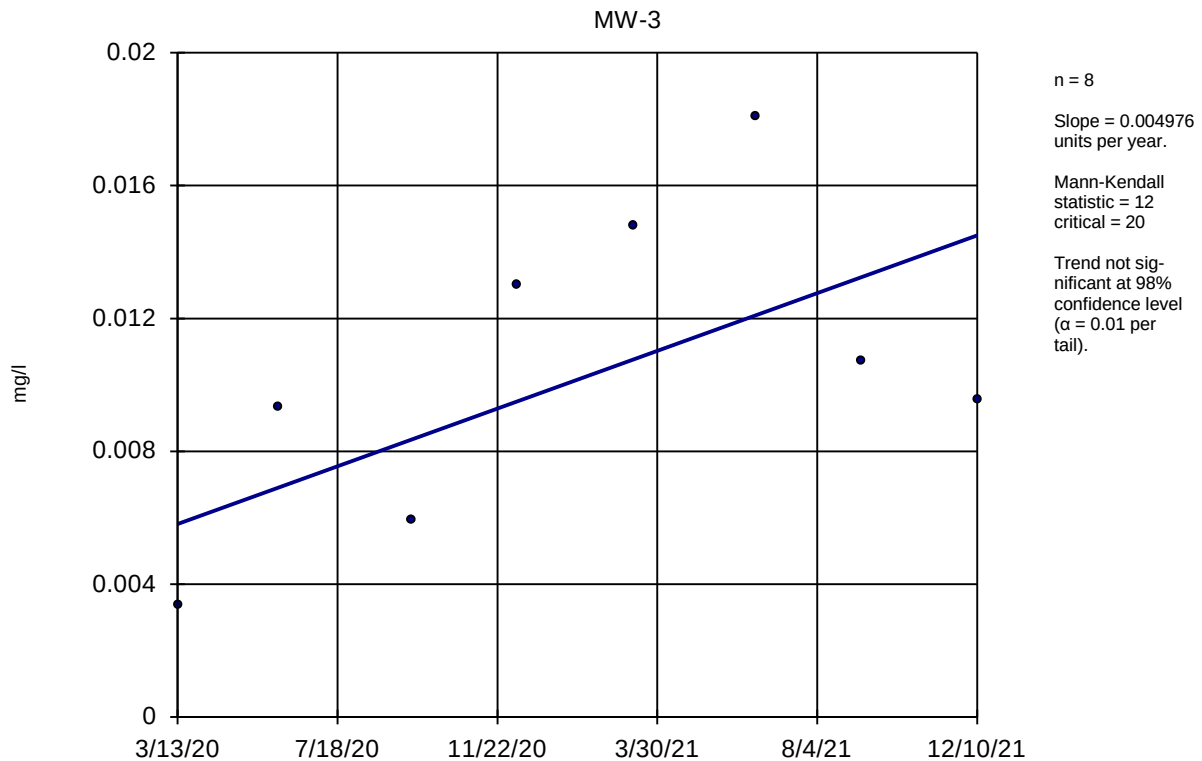
Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Nickel Analysis Run 1/24/2022 9:31 AM View: Trend Tests - Assessment
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

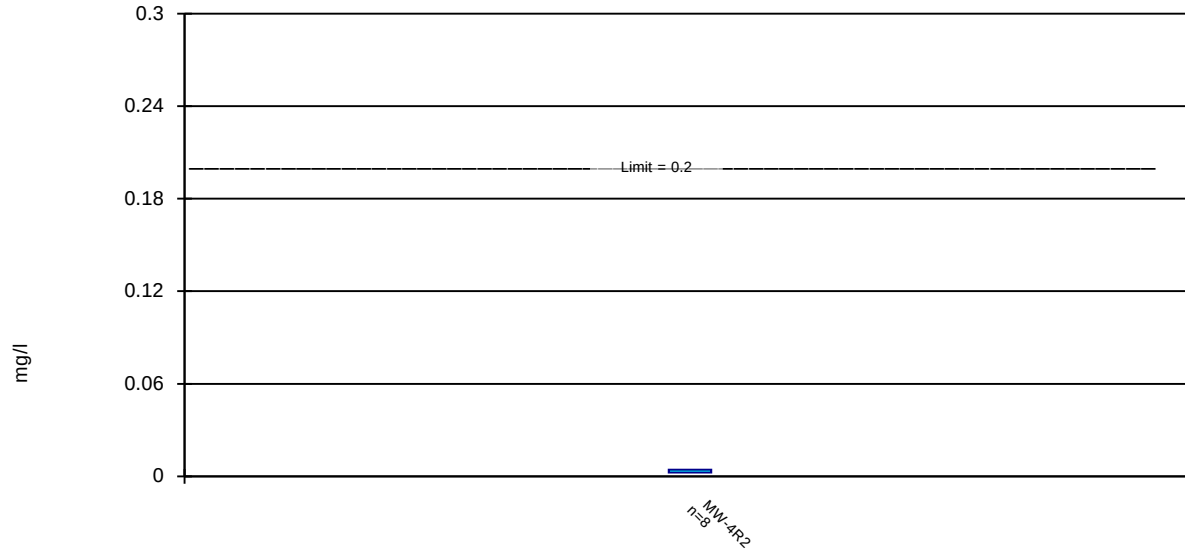
Sen's Slope Estimator



Constituent: Nickel Analysis Run 1/24/2022 9:32 AM View: Trend Tests - Assessment
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Parametric Confidence Interval

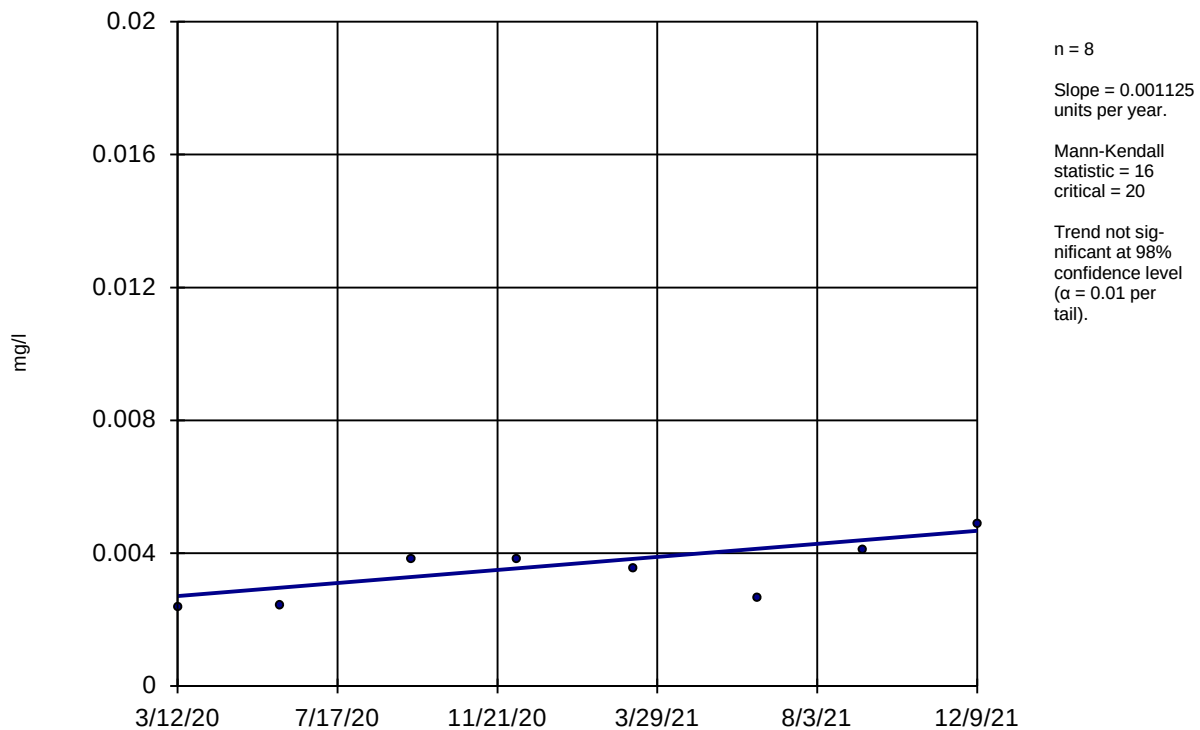
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Nickel Analysis Run 1/24/2022 9:33 AM View: Trend Tests - Assessment
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

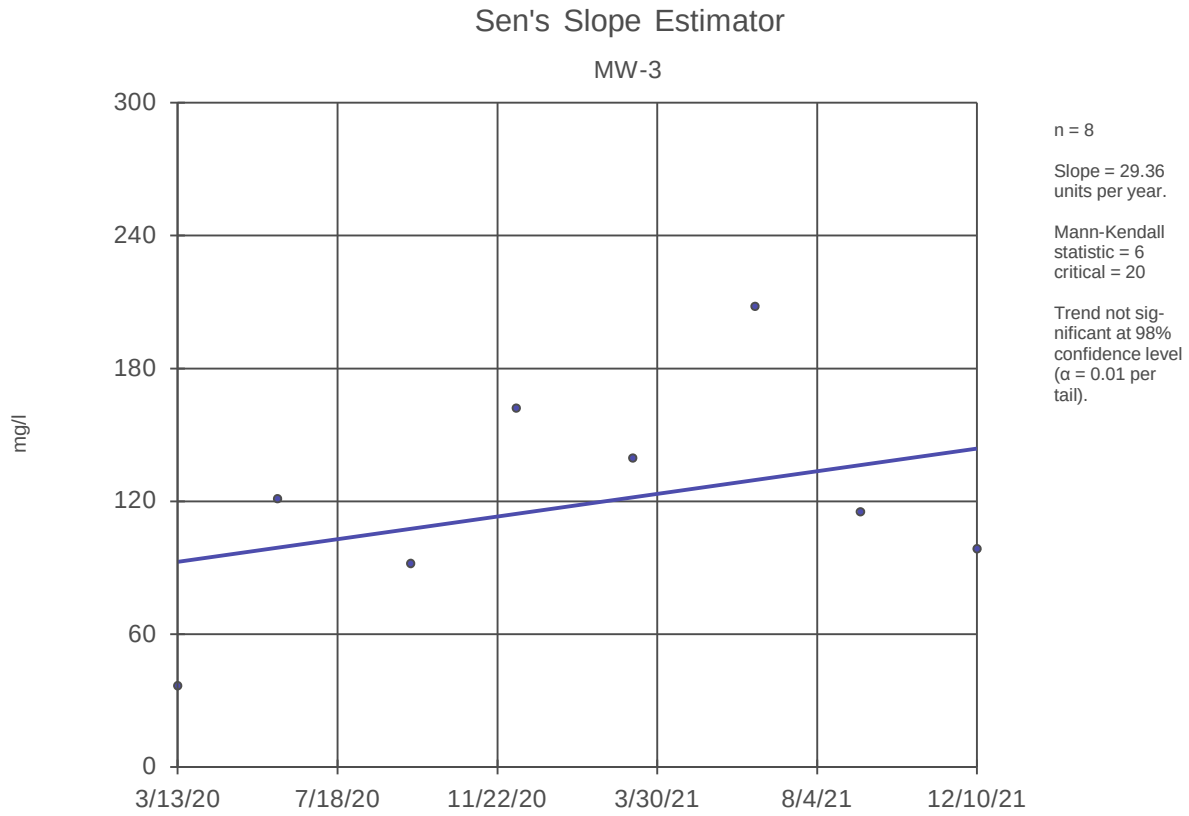
Sen's Slope Estimator

MW-4R2

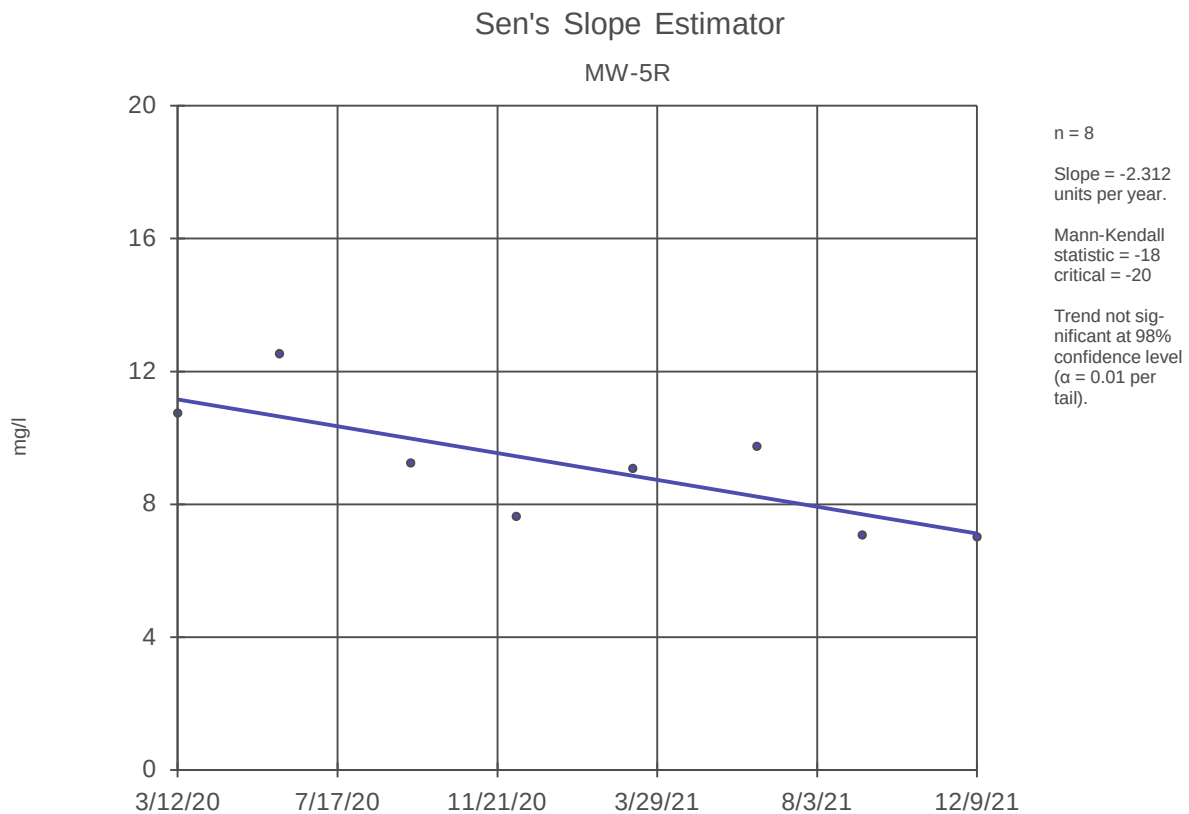


Constituent: Nickel Analysis Run 1/24/2022 9:35 AM View: Trend Tests - Assessment
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

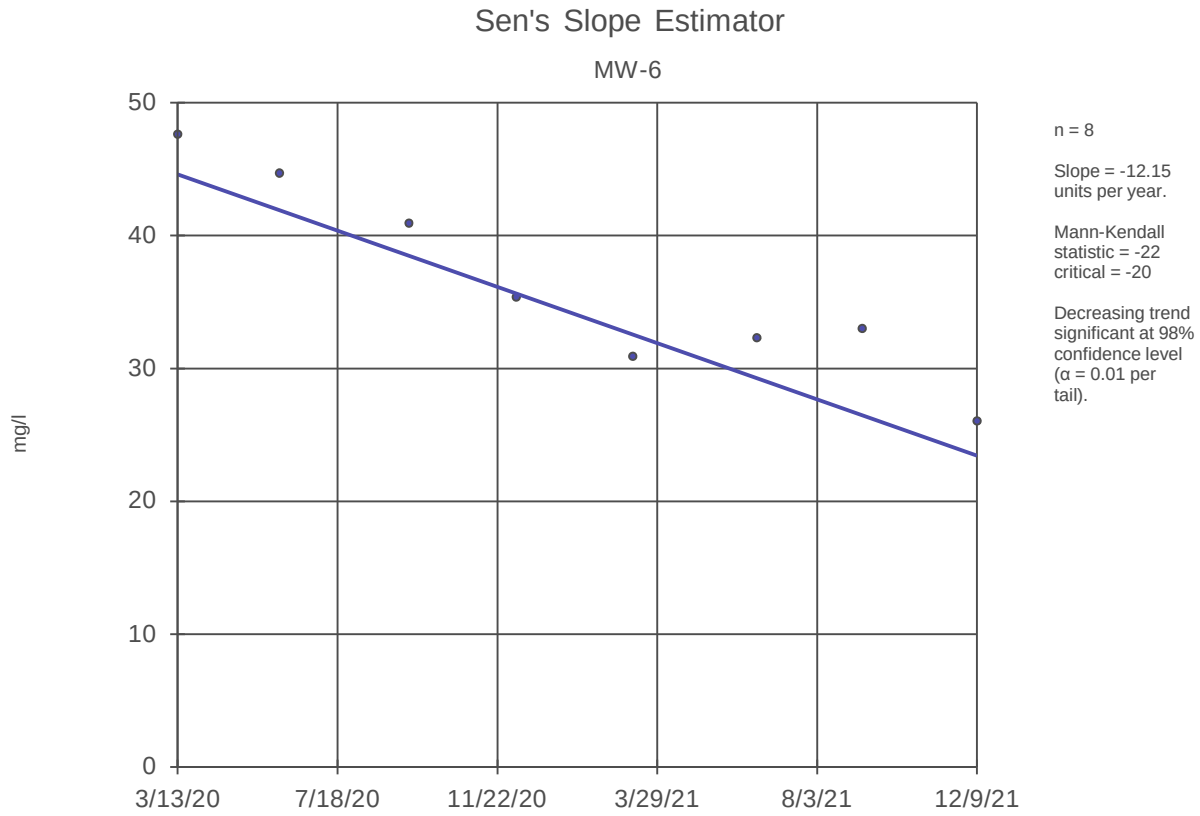
Trend Tests, Phase 1 Quarterly Assessment Monitoring



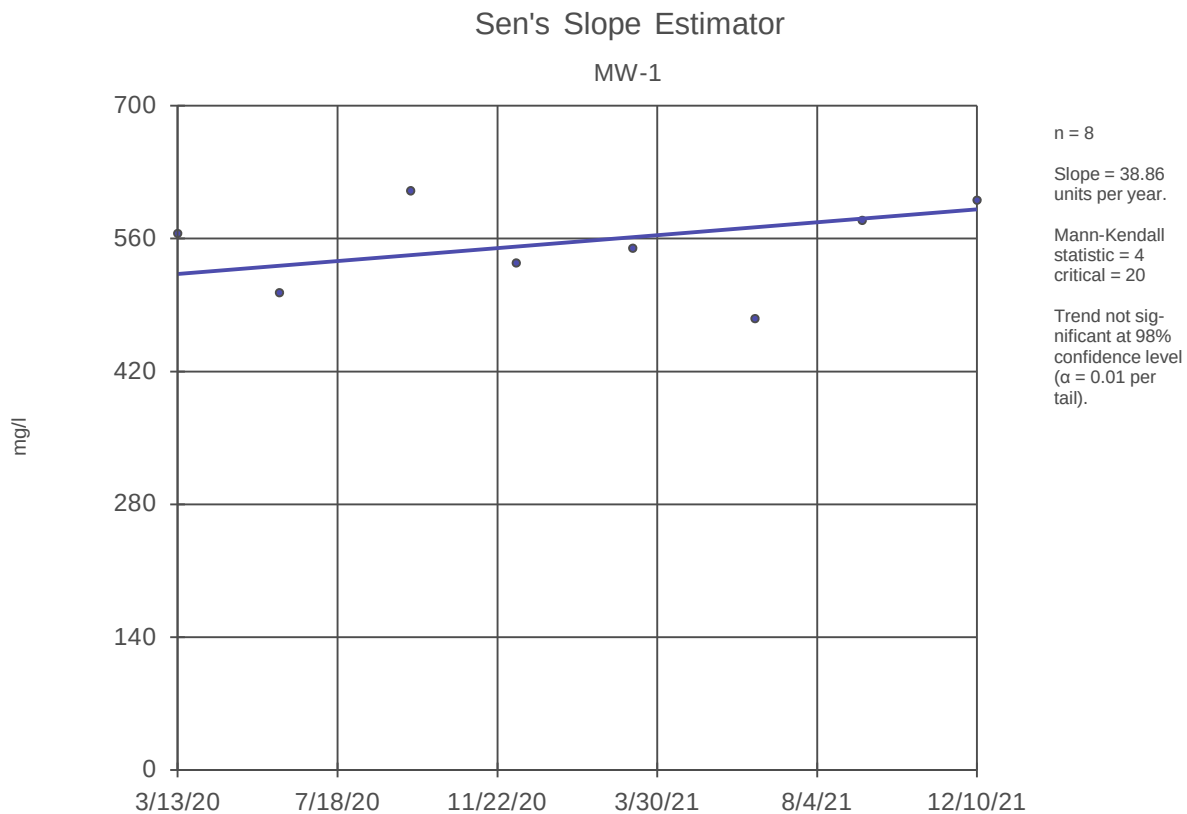
Constituent: Chloride Analysis Run 1/24/2022 9:26 AM View: Trend Tests - Assessment
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database



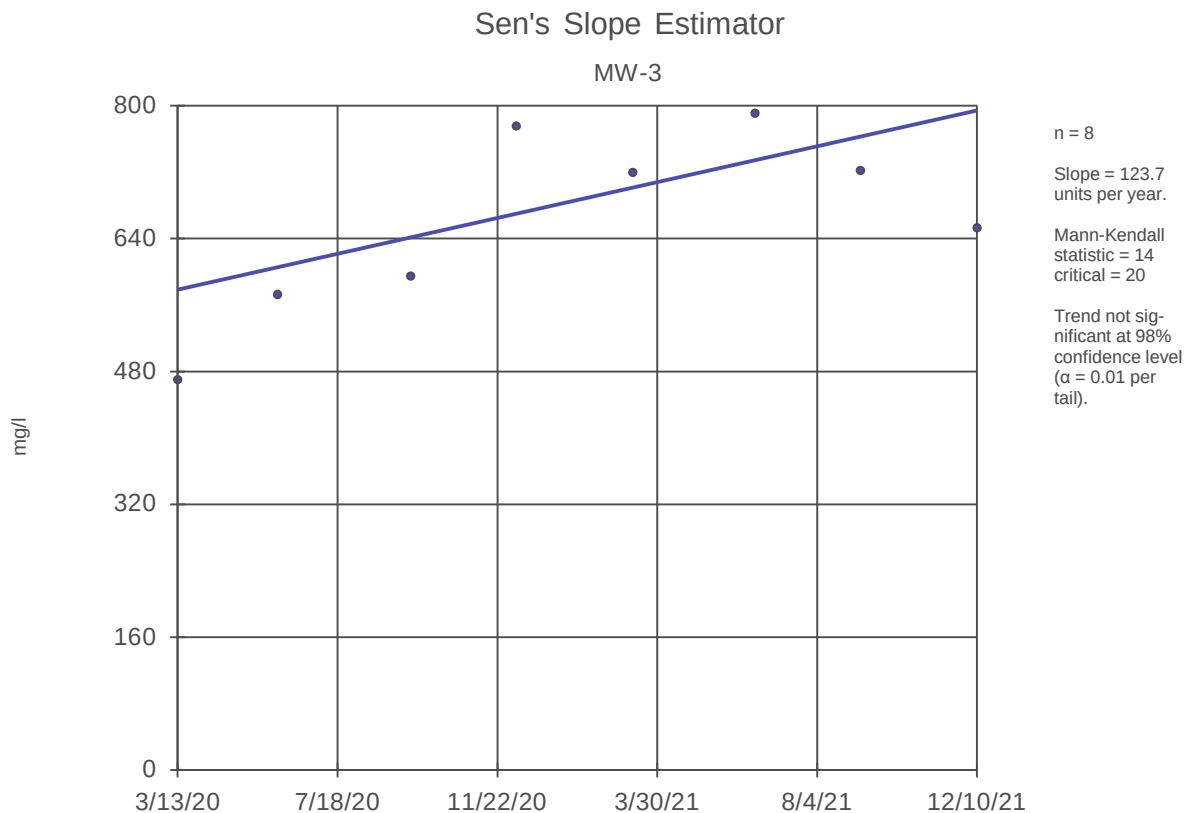
Constituent: Chloride Analysis Run 1/24/2022 9:26 AM View: Trend Tests - Assessment
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database



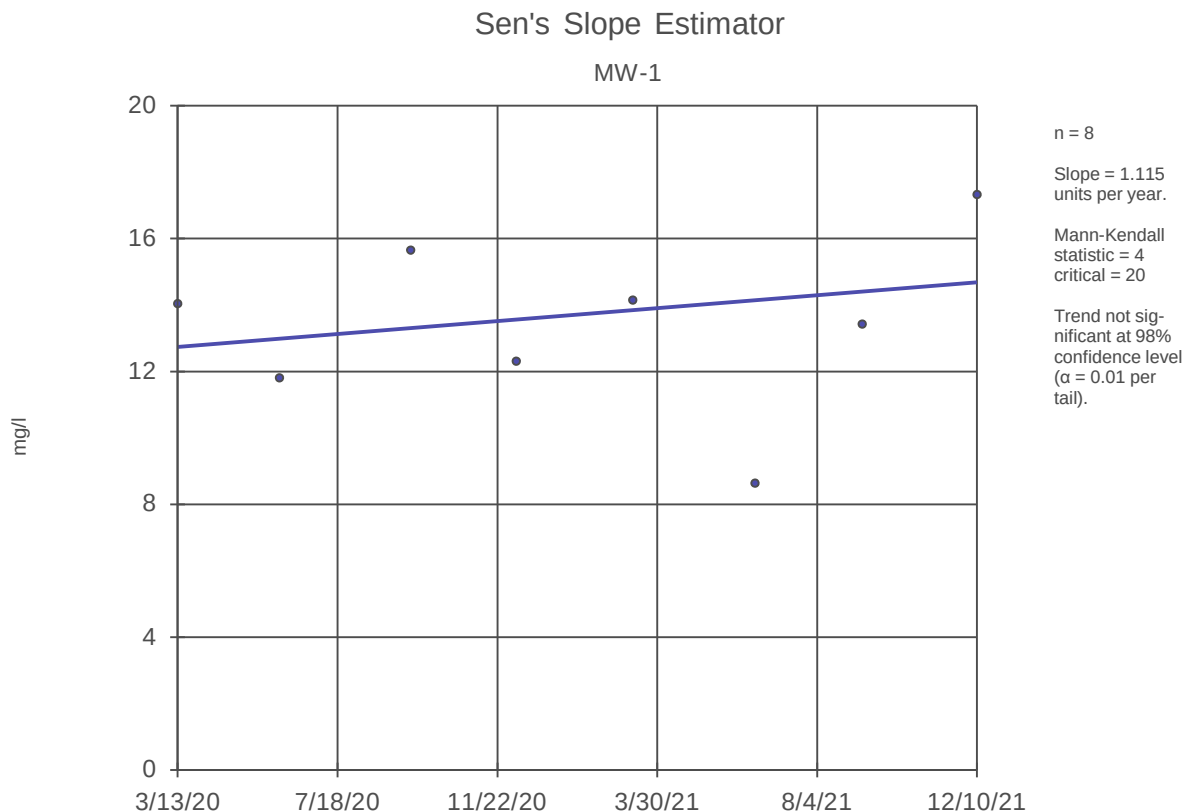
Constituent: Chloride Analysis Run 1/24/2022 9:26 AM View: Trend Tests - Assessment
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database



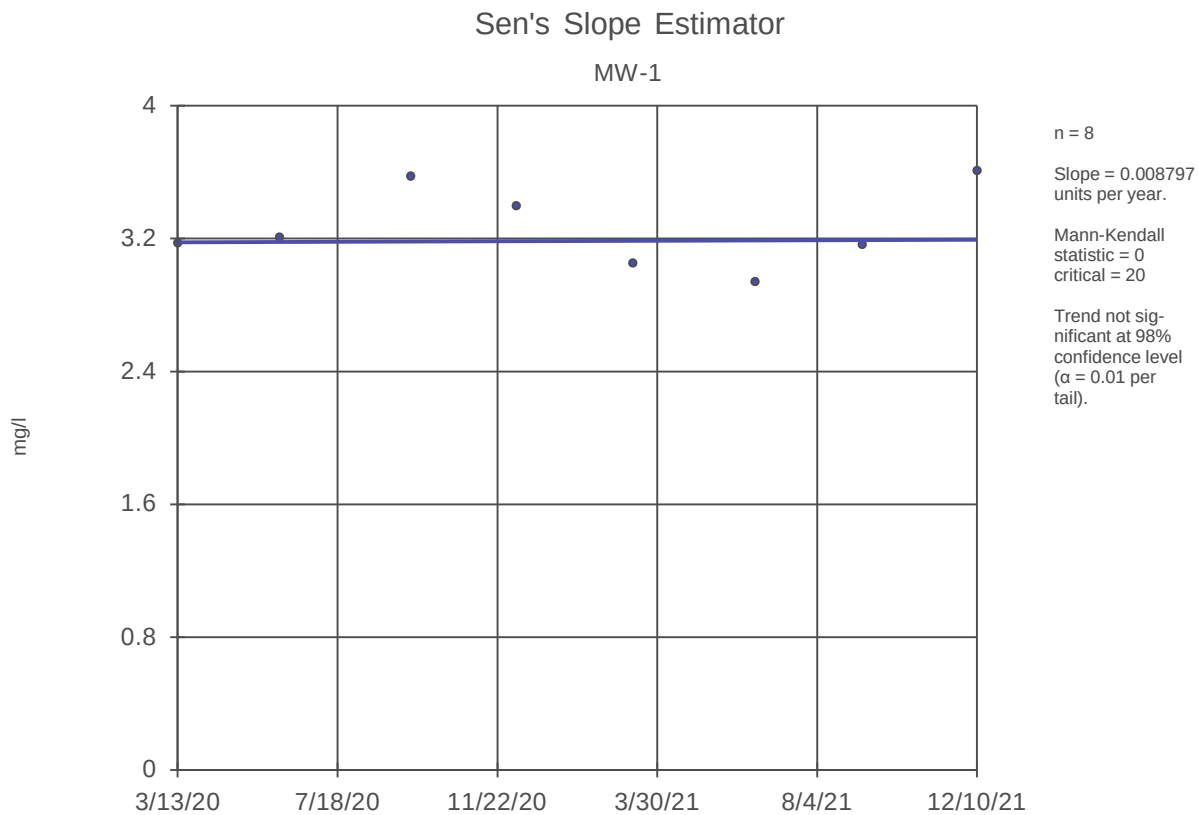
Constituent: Dissolved Solids Analysis Run 1/24/2022 9:26 AM View: Trend Tests - Assessment
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database



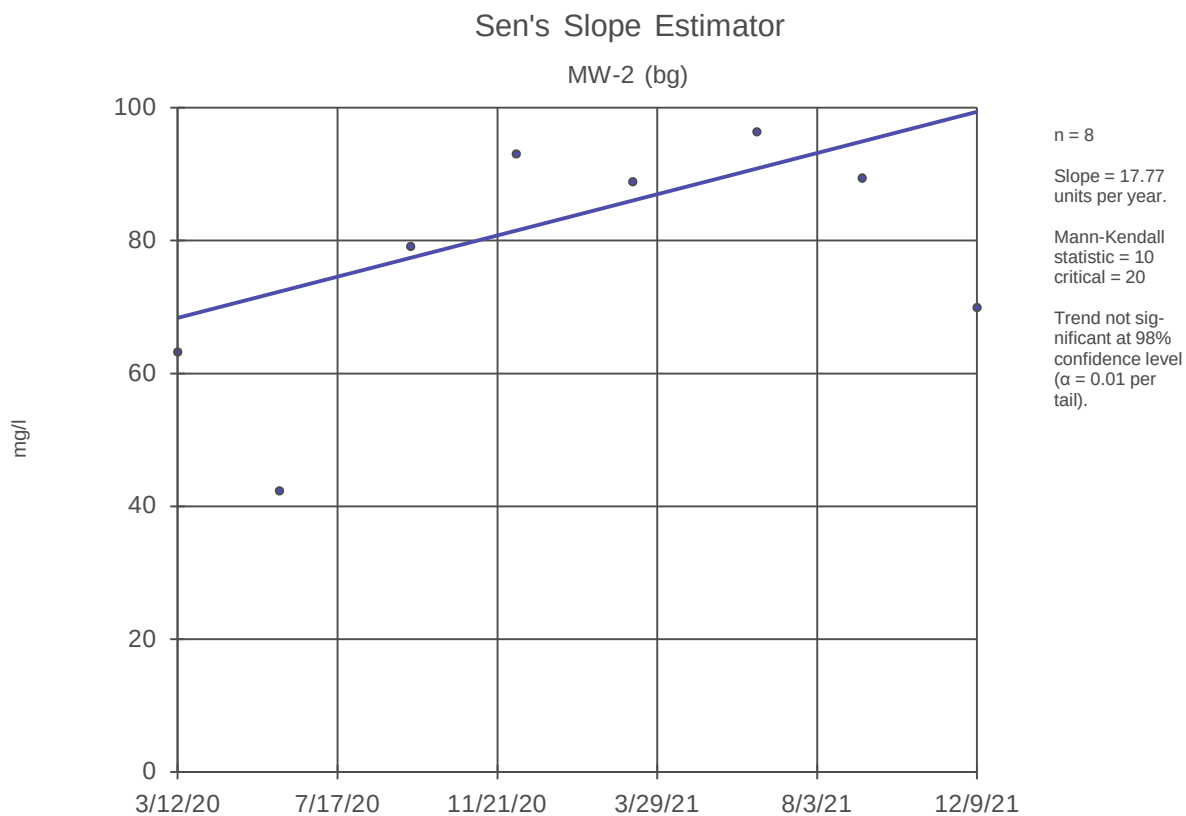
Constituent: Dissolved Solids Analysis Run 1/24/2022 9:26 AM View: Trend Tests - Assessment
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database



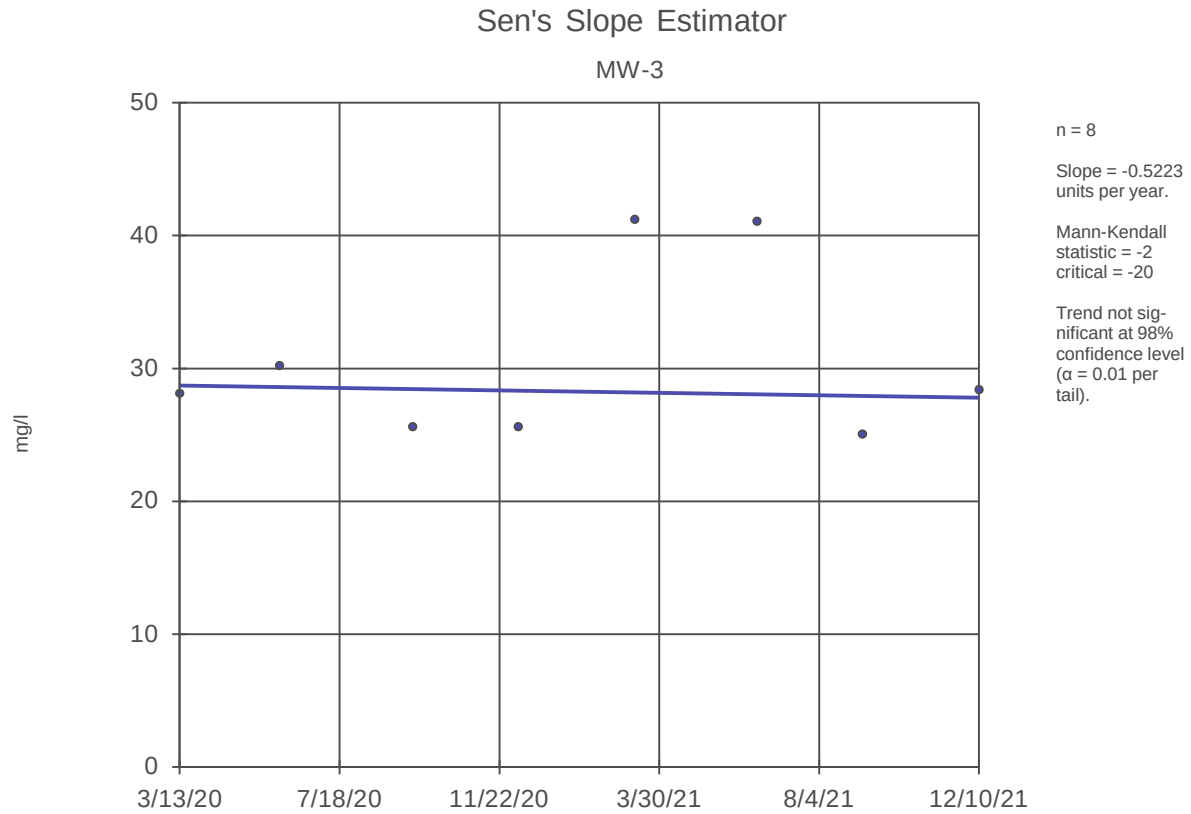
Constituent: Iron Analysis Run 1/24/2022 9:26 AM View: Trend Tests - Assessment
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database



Constituent: Manganese Analysis Run 1/24/2022 9:26 AM View: Trend Tests - Assessment
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database



Constituent: Sulfate Analysis Run 1/24/2022 9:26 AM View: Trend Tests - Assessment
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database



Constituent: Sulfate Analysis Run 1/24/2022 9:26 AM View: Trend Tests - Assessment
Mississippi County LF Client: Mississippi County Data: Mississippi County Landfill Database

Historical Database, Mississippi County Class 1 Landfill

		Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)
MW-1	downgradient									
	10/27/1993	<0.05	<0.05	0.01(R)	<0.001	<0.002	n/a	<0.005	<0.003	0.01
	3/15/1994	<0.02	0.034	0.237	<0.002	<0.004	10.5	<0.003	<0.003	0.011
	6/14/1994	<0.02	0.047	0.248	<0.002	<0.004	6	<0.003	<0.003	<0.004
	9/15/1994	<0.02	0.018	0.278	<0.002	<0.004	10.5	<0.003	0.004	0.006
	12/22/1994	<0.02	0.053	0.248	<0.002	<0.004	9	<0.003	<0.003	<0.004
	6/2/1995	<0.02	0.022	0.251	<0.002	<0.004	7.5	<0.003	<0.003	<0.004
	12/14/1995	0.022	<0.01	0.26	<0.002	<0.004	18.5	0.004	<0.003	0.01
	6/13/1996	<0.03	<0.05	0.25	<0.0003	<0.004	16	<0.007	<0.007	<0.006
	11/26/1996	<0.03	<0.05	0.21	<0.0003	<0.004	17	<0.007	<0.007	<0.006
	4/23/1997	<0.03	0.078	0.35	<0.0003	<0.004	22	<0.007	<0.007	0.007
	10/8/1997	<0.003	<0.04	0.26	<0.0003	<0.004	26	<0.007	<0.007	<0.006
	4/13/1998	<0.002	0.051	0.27	0.00031	<0.003	31	<0.005	<0.007	<0.003
	11/5/1998	<0.002	0.073	0.26	<0.0004	<0.004	27	<0.01	<0.007	<0.01
	4/1/1999	<0.002	0.052	0.3	<0.0004	<0.004	52	<0.01	<0.007	<0.01
	10/22/1999	<0.002	0.06	0.29	<0.0004	<0.004	30	<0.01	<0.007	<0.01
	5/10/2000	<0.002	0.052	0.33	<0.0004	<0.004	43	<0.01	<0.007	<0.01
	10/12/2000	<0.002	0.052	0.3	<0.0004	<0.004	44	<0.01	<0.007	<0.01
	4/26/2001	<0.002	0.05	0.25	<0.0004	<0.02	51	<0.01	<0.007	<0.01
	10/26/2001	<0.002	0.082	0.35	<0.0004	<0.02	42	0.016	<0.007	<0.01
	4/10/2002	<0.002	0.045	0.35	<0.0004	<0.005	61	<0.01	<0.007	<0.01
	11/6/2002	<0.002	0.051	0.32	<0.0004	<0.005	43	<0.01	<0.007	<0.01
	4/18/2003	<0.002	<0.04	0.32	<0.0004	<0.005	76	<0.01	<0.007	<0.01
	11/5/2003	<0.002	0.045	0.29	<0.0004	<0.005	43	<0.01	<0.007	<0.01
	4/29/2004	<0.002	<0.04	0.33	<0.0004	<0.005	80	<0.01	<0.007	<0.01
	10/20/2004	<0.002	0.049	0.32	<0.0004	<0.005	59	<0.01	<0.007	<0.01
	4/27/2005	<0.002	<0.04	0.32	<0.0004	<0.005	59	<0.01	<0.007	<0.01

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; value is an estimate.

O: value is a statistical outlier.

R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

		Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)
MW-1 (cont.)	10/4/2005	<0.002	0.056	0.36	<0.0004	<0.005	68	<0.01	<0.007	<0.01
	4/26/2006	<0.002	0.05	0.35	<0.0004	<0.005	43	<0.01	<0.007	<0.01
	10/3/2006	<0.002	0.061	0.35	<0.0004	<0.005	26	<0.01	<0.007	<0.01
	4/11/2007	<0.002	0.05	0.34	<0.0003	<0.005	37	<0.01	<0.007	<0.006
	10/4/2007	<0.002	0.086	0.38	<0.0003	<0.005	31	<0.01	<0.007	0.23
	4/21/2008	<0.001	0.036	0.3	<0.001	<0.0005	21	<0.01	<0.01	<0.001
	10/9/2008	<0.001	0.067	0.3	<0.001	<0.0005	24	<0.01	<0.01	<0.001
	6/11/2009	<0.001	0.069	0.32	<0.001	<0.0005	16	<0.01	<0.01	<0.001
	11/12/2009	<0.001	0.064	0.32	<0.001	<0.0005	21	<0.01	<0.01	<0.002
	4/13/2010	<0.00021	0.056	0.3	<0.00012	<0.00016	20	<0.00054	<0.00026	<0.00052
	10/11/2010	0.00052(J)	0.066	0.32	0.00031(J)	0.00041(J)	24	0.0012(J)	0.00034(J)	<0.002
	4/12/2011	<0.001	0.07	0.32	<0.001	<0.0005	21	<0.002	<0.001	0.0012(J)
	12/6/2011	0.00032(J)	0.092	0.43	<0.001	<0.0005	25	<0.002	<0.001	0.0013
	5/7/2012	0.00041(J)	0.059	0.32	0.00036(J)	<0.0005	25	<0.002	<0.001	0.0007(J)
	10/8/2012	0.00049(J)	0.1	0.31(B)	0.00037(J)	<0.0005	21	0.00089(J)	0.00054(J)	0.0007(J)
	3/19/2013	<0.001	0.079	0.3	<0.001	<0.0005	15	<0.002	<0.001	<0.002
	9/24/2013	0.00039(J)	0.12	0.32	0.00013(J)	<0.0005	26(B)	<0.002	0.00074(J)	0.0012(J)
	3/18/2014	<0.001	0.086	0.34	<0.001	<0.0005	20	<0.002	0.00041(J)	<0.002
	9/16/2014	<0.001	0.1	0.3	0.00076(J)	<0.0005	31	0.0024(B)	0.0004(J)	0.0032
	3/24/2015	<0.002	0.054	0.28	<0.002	<0.001	24	<0.002	<0.002	<0.005
	9/24/2015	<0.002	0.153	0.324	<0.002	<0.001	39.3	<0.002	<0.002	0.000677
	2/9/2016	<0.002	0.0942	0.39	<0.002	<0.001	25.5	0.000818(J)	<0.002	0.00129(J)
	5/23/2016	n/a	0.0742	0.331	n/a	n/a	n/a	n/a	n/a	n/a
	8/25/2016	0.000944(BJ)	0.0968	0.329	<0.002	<0.001	45.1	0.000956(BJ)	<0.002	<0.005
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/6/2017	<0.002	0.0968	0.338	<0.002	<0.001	24.6	<0.002	<0.002	0.000746(J)
	5/24/2017	<0.002	0.0924	0.321	<0.002	<0.001	28.2	<0.002	0.00031(J)	<0.005

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Historical Database, Mississippi County Class 1 Landfill

		Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)
MW-1 (cont.)	9/1/2017	<0.002	0.1	0.403	<0.002	<0.001	54.9	<0.002	<0.002	<0.005
	11/17/2017	<0.002	0.0953	0.382	<0.002	<0.001	47.3	<0.002	0.000275(J)	0.000587(J)
	3/14/2018	<0.002	0.082	0.378	<0.002	<0.001	52.1	<0.002	<0.002	0.000582(J)
	6/14/2018	<0.002	0.0755	0.401	<0.002	<0.001	65.7	<0.002	<0.002	0.000898(J)
	9/13/2018	<0.002	0.102	0.429	<0.002	<0.001	61	<0.002	<0.002	<0.005
	12/13/2018	<0.002	0.0994	0.397	<0.002	<0.001	52.3	<0.002	<0.002	<0.005
	3/18/2019	<0.002	0.0797	0.469	<0.002	<0.001	60.6	<0.002	<0.002	0.000833(J)
	6/14/2019	<0.002	0.0924	0.501	<0.002	<0.001	68.2	<0.002	0.000394(J)	<0.005
	9/24/2019	<0.002	0.0813	0.499	<0.002	<0.001	80.7	0.000889(J)	<0.002	0.00187(J)
	12/3/2019	<0.002	0.104	0.377	<0.002	<0.001	43.4	0.00126(BJ)	0.000329(J)	0.00277(J)
	3/13/2020	<0.002	0.0742	0.443	0.000122(J)	<0.001	56.9	0.000798(BJ)	0.00041(J)	0.000632(J)
	6/3/2020	<0.004	0.0667	0.379	<0.002	<0.001	52.9	<0.002	<0.002	<0.005
	9/15/2020	<0.004	0.108	0.529	<0.002	<0.001	73.8	<0.002	<0.002	<0.005
	12/8/2020	<0.004	0.116	0.434	<0.002	<0.001	57.8	<0.002	0.000295(J)	<0.005
	3/11/2021	<0.004	0.0962	0.453	<0.002	<0.001	55.3	<0.002	0.000278(J)	<0.005
	6/17/2021	<0.004	0.0895	0.322	<0.002	<0.001	34.1	<0.002	0.000337(J)	<0.005
	9/10/2021	<0.004	0.0712	0.444(B)	<0.002	<0.001	44	<0.002	0.000288(J)	<0.005
	12/10/2021	0.00145(J)	0.0858	0.563	<0.002	<0.001	66.2	<0.002	0.00028(J)	0.111
MW-2	upgradient									
	10/27/1993	<0.05	<0.05	0.299	<0.001	<0.002	n/a	<0.005	<0.003	0.002
	3/15/1994	<0.02	0.018	0.357	<0.002	<0.004	28.5	<0.003	<0.003	0.005
	6/14/1994	<0.02	0.015	0.342	0.002	<0.004	7	<0.003	<0.003	<0.004
	9/15/1994	0.069	<0.01	0.356	<0.002	<0.004	11	<0.003	<0.003	0.006
	12/22/1994	<0.02	0.032	0.387	0.003	<0.004	9	<0.003	0.005	0.004
	6/2/1995	<0.02	<0.01	0.411	<0.002	<0.004	9.5	<0.003	<0.003	<0.004
	12/14/1995	<0.02	<0.01	0.423	<0.002	0.005	8.5	0.011	0.004	0.014
	6/13/1996	<0.03	<0.05	0.38	<0.0003	<0.004	33	<0.007	<0.007	<0.006

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R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

		Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)
MW-2 (cont.)	11/26/1996	<0.03	<0.05	0.4	<0.0003	<0.004	29	<0.007	<0.007	<0.006
	4/23/1997	<0.03	<0.05	0.36	<0.0003	<0.004	25	<0.007	<0.007	<0.006
	10/8/1997	<0.003	<0.04	0.36	<0.0003	<0.004	33	<0.007	<0.007	<0.006
	4/13/1998	<0.002	<0.04	0.43	<0.002	<0.003	34	<0.005	<0.007	<0.003
	11/5/1998	<0.002	<0.04	0.39	<0.0004	<0.004	32	<0.01	<0.007	<0.01
	4/1/1999	<0.002	<0.04	0.42	<0.0004	<0.004	31	<0.01	<0.007	<0.01
	10/22/1999	<0.002	0.046	0.39	<0.0004	<0.004	26	<0.01	<0.007	<0.01
	5/10/2000	<0.002	<0.04	0.47	<0.0004	<0.004	30	<0.01	<0.007	<0.01
	10/12/2000	<0.002	<0.04	0.38	<0.0004	<0.004	25	<0.01	<0.007	<0.01
	4/26/2001	<0.002	<0.04	0.37	<0.0004	<0.02	23	<0.01	<0.007	<0.01
	10/26/2001	<0.002	<0.04	0.44	<0.0004	<0.02	27	<0.01	<0.007	<0.01
	4/10/2002	<0.002	<0.04	0.46	<0.0004	<0.005	25	<0.01	<0.007	<0.01
	11/6/2002	<0.002	<0.04	0.43	<0.0004	<0.005	26	<0.01	<0.007	<0.01
	4/18/2003	<0.002	<0.04	0.43	<0.0004	<0.005	28	<0.01	<0.007	<0.01
	11/5/2003	<0.002	<0.04	0.37	<0.0004	<0.005	30	<0.01	<0.007	<0.01
	4/29/2004	<0.002	<0.04	0.28	<0.0004	<0.005	43	<0.01	<0.007	<0.01
	10/20/2004	<0.002	<0.04	0.37	<0.0004	<0.005	29	<0.01	<0.007	<0.01
	4/27/2005	<0.002	<0.04	0.31	<0.0004	<0.005	31	<0.01	<0.007	<0.01
	10/4/2005	<0.002	<0.04	0.4	<0.0004	<0.005	35	<0.01	<0.007	<0.01
	4/26/2006	<0.002	<0.001	0.41	<0.0004	<0.005	39	<0.01	<0.007	<0.01
	10/3/2006	<0.002	<0.001	0.4	<0.0004	<0.005	40	<0.01	<0.007	<0.01
	4/11/2007	<0.002	0.0077	0.35	<0.0003	<0.005	29	<0.01	<0.007	<0.006
	10/4/2007	<0.002	0.0094	0.37	<0.0003	<0.005	32	<0.01	<0.007	<0.006
	4/21/2008	<0.001	0.006	0.38	<0.001	<0.0005	24	<0.01	<0.01	0.0015
	10/9/2008	<0.001	0.01	0.32	<0.001	<0.0005	21	<0.01	<0.01	<0.001
	6/11/2009	<0.001	0.0098	0.29	<0.001	<0.0005	21	<0.01	<0.01	<0.001
	11/12/2009	<0.001	0.0064	0.25	<0.005	<0.0005	21	<0.01	<0.01	<0.002

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Historical Database, Mississippi County Class 1 Landfill

		Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)
MW-2 (cont.)	4/13/2010	<0.00021	0.0065	0.27	<0.00012	<0.00016	17	<0.00054	<0.00026	<0.00052
	10/11/2010	0.00055(J)	0.011	0.36	0.00031(J)	0.00049(J)	27	0.0021	0.00063(J)	0.00084(J)
	4/12/2011	<0.001	0.013	0.38	<0.001	<0.0005	25	<0.002	<0.001	<0.002
	12/6/2011	0.00021(J)	0.019	0.54	<0.001	<0.0005	28	<0.002	0.00032	<0.002
	5/7/2012	0.00039(J)	0.014	0.37	0.00033(J)	<0.0005	16	<0.002	0.0004(J)	0.00084(J)
	10/8/2012	0.00048(J)	0.016	0.46(B)	0.00034(J)	<0.0005	23	0.0011(J)	0.00089(J)	<0.002
	3/19/2013	<0.001	0.014	0.4	<0.001	<0.0005	29	<0.002	0.00053(J)	<0.002
	9/24/2013	0.00037(J)	0.0058	0.38	0.00015(J)	0.0002(J)	45(B)	<0.002	0.001	0.0014(J)
	3/18/2014	<0.001	0.015	0.34	<0.001	<0.0005	22	<0.002	0.00067(J)	0.0006(J)
	9/16/2014	<0.001	0.013	0.34	0.00077(J)	<0.0005	23	0.0036(B)	0.00072(J)	0.0019(J)
	3/24/2015	<0.002	0.00088(J)	0.23	<0.002	<0.001	35	<0.002	<0.002	0.00066(J)
	9/23/2015	<0.002	0.0153	0.336	<0.002	<0.001	19.4	<0.002	<0.002	0.00136
	2/9/2016	0.000316(J)	0.0176	0.365	<0.002	<0.001	15.1	0.000775(J)	<0.002	0.0013(J)
	8/24/2016	<0.002	0.0131	0.289	<0.002	<0.001	21.6	0.000766(BJ)	0.000323(J)	<0.005
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/3/2017	<0.002	0.00179(J)	0.0794	<0.002	<0.001	5.96	0.000823(J)	<0.002	0.0039(J)
	5/23/2017	<0.002	0.00355	0.234	<0.002	<0.001	17.1	0.000546(BJ)	0.000441(J)	0.0012(J)
	8/31/2017	<0.002	0.00127(J)	0.209	<0.002	<0.001	22	<0.002	<0.002	0.00117(J)
	11/17/2017	<0.002	0.00556	0.27	<0.002	<0.001	16.8	<0.002	0.000411(J)	0.000809(J)
	3/12/2018	<0.002	0.0024	0.15	<0.002	<0.001	9.03	<0.002	<0.002	0.00398(J)
	6/13/2018	<0.002	0.00239	0.192	<0.002	<0.001	7.45	<0.002	<0.002	0.00217(J)
	9/12/2018	<0.002	0.00438	0.253	<0.002	<0.001	19.8	<0.002	0.000344(J)	<0.005
	12/12/2018	<0.002	0.00305	0.157	<0.002	<0.001	11.2	0.00101(J)	<0.002	0.00182(J)
	3/12/2019	<0.002	0.00155(J)	0.164	<0.002	<0.001	11.1	<0.002	<0.002	0.00116(J)
	6/12/2019	0.00116(J)	0.0064	0.28	<0.002	<0.001	10.2	<0.002	<0.002	0.00058(J)
	9/24/2019	<0.002	0.0059	0.2	<0.002	<0.001	15.1	<0.002	0.000398(J)	<0.005
	12/3/2019	<0.002	0.00525	0.185	<0.002	<0.001	10.9	0.00123(BJ)	0.000459(J)	0.000775(J)

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Historical Database, Mississippi County Class 1 Landfill

		Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)
MW-2 (cont.)	3/12/2020	<0.002	0.00545	0.2	0.000204(J)	0.00018(J)	9.87	0.000985(BJ)	0.000365(J)	0.0014(J)
	6/2/2020	<0.004	0.00454	0.216	<0.002	<0.001	7.33	<0.002	<0.002	0.00271(J)
	9/14/2020	<0.004	0.00568	0.214	<0.002	<0.001	15.2	<0.002	<0.002	<0.005
	12/8/2020	<0.004	0.00845	0.296	<0.002	<0.001	19.3	<0.002	0.000489(J)	0.00159(J)
	3/11/2021	<0.004	0.0013(J)	0.133	<0.002	<0.001	14	<0.002	<0.002	0.00212(J)
	6/17/2021	<0.004	0.00139(J)	0.177	<0.002	<0.001	14.3	<0.002	0.00018(J)	<0.005
	9/9/2021	<0.004	0.00291	0.254(B)	<0.002	<0.001	16.9	<0.002	0.000273(J)	<0.005
	12/9/2021	<0.004	0.00918	0.353	<0.002	<0.001	17.4	0.00155(J)	0.000527(J)	<0.005
MW-3	downgradient									
	10/27/1993	<0.05	<0.05(R)	0.334	<0.001	<0.002	n/a	<0.005	<0.003	<0.002
	3/15/1994	<0.02	0.054	0.35	<0.002	<0.004	3.5	<0.003	<0.003	0.007
	6/14/1994	<0.02	0.043	0.334	0.006	<0.004	4	<0.003	<0.003	<0.004
	9/15/1994	<0.02	0.018	0.392	<0.002	<0.004	2.5	<0.003	0.005	0.012
	12/22/1994	<0.02	0.058	0.397	<0.002	<0.004	3	<0.003	<0.003	<0.004
	6/2/1995	<0.02	0.019	0.35	<0.002	<0.004	3.5	<0.003	<0.003	<0.004
	12/14/1995	<0.02	<0.01	0.424	<0.002	0.005	3	0.009	0.003	0.012
	6/13/1996	<0.03	<0.05	0.32	<0.0003	<0.004	2.6	<0.007	<0.007	<0.006
	11/26/1996	<0.03	<0.05	0.22	<0.0003	<0.004	3.2	<0.007	<0.007	<0.006
	4/23/1997	<0.03	0.069	0.43	<0.0003	<0.004	2.9	<0.007	<0.007	<0.006
	10/8/1997	<0.003	<0.04	0.4	<0.0003	<0.004	4.2	<0.007	<0.007	<0.006
	4/13/1998	<0.002	<0.04	0.4	<0.002	<0.003	4	<0.005	<0.007	<0.003
	11/5/1998	<0.002	<0.04	0.46	<0.0004	<0.004	4.7	<0.01	<0.007	<0.01
	4/1/1999	<0.002	0.056	0.4	<0.0004	<0.004	4.7	<0.01	<0.007	<0.01
	10/22/1999	<0.002	0.075	0.38	<0.0004	<0.004	5.5	<0.01	<0.007	<0.01
	5/10/2000	<0.002	0.046	0.5	<0.0004	<0.004	9.7	<0.01	<0.007	<0.01
	10/12/2000	<0.002	<0.04	0.34	<0.0004	<0.004	7.9	<0.01	<0.007	<0.01
	4/26/2001	<0.002	0.041	0.35	<0.0004	<0.02	5.7	<0.01	<0.007	<0.01

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MW-3 (cont.)	10/26/2001	<0.002	0.044	0.35	<0.0004	<0.02	13	<0.01	<0.007	<0.01
	4/10/2002	<0.002	<0.04	0.43	<0.0004	<0.005	12	<0.01	<0.007	<0.01
	11/6/2002	<0.002	<0.04	0.42	<0.0004	<0.005	17	<0.01	<0.007	<0.01
	4/18/2003	<0.002	<0.04	0.45	<0.0004	<0.005	16	<0.01	<0.007	<0.01
	11/5/2003	<0.002	<0.04	0.38	<0.0004	<0.005	16	<0.01	<0.007	<0.01
	4/29/2004	<0.002	<0.04	0.43	<0.0004	<0.005	17	<0.01	<0.007	<0.01
	10/20/2004	<0.002	<0.04	0.42	<0.0004	<0.005	20	<0.01	<0.007	<0.01
	4/27/2005	<0.002	<0.04	0.41	<0.0004	<0.005	17	<0.01	<0.007	<0.01
	10/4/2005	<0.002	<0.04	0.45	<0.0004	<0.005	29	<0.01	<0.007	<0.01
	4/26/2006	<0.002	0.033	0.44	<0.0004	<0.005	23	<0.01	<0.007	<0.01
	10/3/2006	<0.002	0.033	0.43	<0.0004	<0.005	22	<0.01	<0.007	<0.01
	4/11/2007	<0.002	0.043	0.48	<0.0003	<0.005	21	<0.01	<0.007	<0.006
	10/4/2007	<0.002	0.043	0.45	<0.0003	<0.005	22	<0.01	<0.007	<0.006
	4/21/2008	<0.001	0.023	0.44	<0.001	<0.0005	23	<0.01	<0.01	0.00074
	10/9/2008	<0.001	0.044	0.44	<0.001	<0.0005	14	<0.01	<0.01	<0.001
	6/11/2009	<0.001	0.043	0.44	<0.001	<0.0005	19	<0.01	<0.01	<0.001
	11/12/2009	<0.001	0.036	0.53	<0.001	<0.0005	28	<0.01	<0.01	<0.002
	4/13/2010	<0.00021	0.042	0.38	<0.00012	<0.00016	23	<0.00054	<0.00026	<0.00052
	10/11/2010	0.0005(J)	0.041	0.55	<0.005	0.00047(J)	20	0.0013(J)	0.00048(J)	0.00091(J)
	4/12/2011	<0.001	0.036	0.54	<0.001	<0.0005	20	<0.002	<0.001	<0.002
	12/6/2011	0.00027(J)	0.035	0.7	<0.001	<0.0005	26	<0.002	<0.001	<0.002
	5/7/2012	<0.001	0.032	0.58	<0.005	<0.0005	32	0.00066(J)	<0.001	<0.002
	10/8/2012	0.00026(J)	0.037	0.44(B)	<0.001	<0.0005	15	<0.002	0.00046(J)	0.00071(J)
	3/20/2013	<0.001	0.025	0.63	<0.001	<0.0005	28	<0.002	<0.001	<0.002
	9/25/2013	0.00038(J)	0.036	0.61	0.00012(J)	<0.0005	39(B)	<0.002	0.00075(J)	0.0012(J)
	3/18/2014	<0.001	0.03	0.49	<0.001	<0.0005	26	<0.002	0.00036(J)	0.00054(J)
	9/16/2014	<0.001	0.042	0.43	0.00075(J)	<0.0005	24	0.0031(B)	0.00054(J)	0.0011(J)

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MW-3 (cont.)	3/24/2015	<0.002	0.019	0.5	<0.002	<0.001	30	<0.002	<0.002	<0.005
	9/21/2015	<0.002	0.0451	0.61	<0.002	<0.001	32.4	<0.002	<0.002	<0.005
	2/17/2016	<0.002	0.0333	0.421	<0.002	<0.001	27.4	<0.002	<0.002	0.00093(J)
	5/23/2016	n/a	n/a	n/a	n/a	n/a	42	n/a	n/a	n/a
	8/24/2016	<0.002	0.0364	0.483	<0.002	<0.001	29.5	<0.002	<0.002	0.000527(BJ)
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/6/2017	<0.002	0.0322	0.57	<0.002	<0.001	49.5	<0.002	<0.002	0.00182(J)
	5/24/2017	<0.002	0.0374	0.396	<0.002	<0.001	35.9	<0.002	<0.002	0.00083(J)
	9/1/2017	<0.002	0.0424	0.542	<0.002	<0.001	41.7	<0.002	<0.002	<0.005
	11/17/2017	<0.002	0.0408	0.496	<0.002	<0.001	38	<0.002	<0.002	<0.005
	3/13/2018	<0.002	0.0141	0.347	<0.002	<0.001	81	<0.002	0.000682(J)	0.00341(BJ)
	6/13/2018	<0.002	0.0391	0.494	<0.002	<0.001	79.1	<0.002	<0.002	0.000869(J)
	9/13/2018	<0.002	0.01	0.449	<0.002	0.000766(J)	112	<0.002	0.000671(J)	<0.005
	12/13/2018	<0.002	0.0027	0.305	<0.002	<0.001	112	<0.002	0.000729(J)	<0.005
	3/18/2019	<0.002	0.0298	0.372	<0.002	<0.001	36.5	<0.002	0.000609(J)	<0.005
	6/13/2019	<0.002	0.0395	0.469	<0.002	<0.001	25.8	<0.002	<0.002	<0.005
	9/24/2019	<0.002	0.0297	0.444	<0.002	<0.001	91.6	0.000715(J)	0.000651(J)	0.000613(J)
	12/3/2019	<0.002	0.00761	0.344	<0.002	<0.001	127	0.00135(BJ)	0.00105(J)	0.00061(J)
	3/13/2020	<0.002	0.0345	0.354	0.000127(J)	<0.001	36.5	0.000912(BJ)	0.000599(J)	0.000848(J)
	6/2/2020	<0.004	0.0212	0.431	<0.002	<0.001	121	<0.002	0.000638(J)	<0.005
	9/15/2020	<0.004	0.0345	0.513	<0.002	<0.001	91.9	<0.002	0.000485(J)	<0.005
	12/8/2020	<0.004	0.0216	0.53	<0.002	<0.001	162	<0.002	0.00101(J)	<0.005
	3/11/2021	<0.004	0.00436	0.261	<0.002	<0.001	139	<0.002	0.00154(J)	<0.005
	6/17/2021	<0.004	0.00332	0.289	<0.002	<0.001	208	<0.002	0.00141(J)	<0.005
	9/9/2021	<0.004	0.0253	0.468(B)	<0.002	<0.001	115	0.0024	0.00145(J)	0.00347(J)
	12/10/2021	<0.004	0.0396	0.503	<0.002	<0.001	98	<0.002	0.00085(J)	<0.005
MW-4	downgradient									

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		Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)
MW-4 (cont.)	10/27/1993	<0.05	<0.05(R)	0.335	<0.001	<0.002	n/a	<0.005	<0.003	0.006
	3/15/1994	<0.02	0.054	0.282	<0.002	<0.004	5.5	<0.003	<0.003	<0.004
	6/14/1994	<0.02	0.06	0.304	0.003	<0.004	3	<0.003	<0.003	<0.004
	9/15/1994	<0.02	0.029	0.324	<0.002	<0.004	4.5	<0.003	0.003	0.006
	12/22/1994	<0.02	0.08	0.34	<0.002	<0.004	4.5	<0.003	<0.003	<0.004
	6/2/1995	<0.02	0.047	0.356	<0.002	<0.004	3.5	<0.003	<0.003	<0.004
	12/14/1995	<0.02	<0.01	0.349	<0.002	<0.004	4	0.008	<0.003	0.009
	6/13/1996	<0.03	<0.05	0.32	<0.0003	<0.004	3.2	<0.007	<0.007	<0.006
	11/26/1996	<0.03	0.059	0.31	<0.0003	<0.004	4.1	<0.007	<0.007	<0.006
	4/23/1997	<0.03	0.08	0.32	<0.0003	<0.004	2.1	<0.007	<0.007	<0.006
	10/8/1997	<0.003	<0.04	0.24	<0.0003	<0.004	2.9	<0.007	<0.007	<0.006
	4/13/1998	<0.002	0.075	0.23	<0.002	<0.003	2.5	<0.005	<0.007	<0.003
	11/5/1998	<0.002	0.047	0.24	<0.0004	<0.004	2.6	<0.01	<0.007	<0.01
	4/1/1999	<0.002	0.048	0.19	<0.0004	<0.004	5.6	<0.01	<0.007	<0.01
MW-4R	downgradient									
	10/22/1999	<0.002	0.088	0.49	<0.0004	<0.004	6.9	<0.01	<0.007	<0.01
	5/10/2000	<0.002	0.068	0.53	<0.0004	<0.004	7.1	<0.01	<0.007	<0.01
	10/12/2000	<0.002	0.049	0.42	<0.0004	<0.004	11	<0.01	<0.007	<0.01
	4/26/2001	<0.002	0.044	0.35	<0.0004	<0.02	9.3	<0.01	<0.007	<0.01
	10/26/2001	<0.002	0.042	0.41	<0.0004	<0.02	16	<0.01	<0.007	<0.01
	4/10/2002	<0.002	0.046	0.46	<0.0004	<0.005	21	<0.01	<0.007	<0.01
	11/6/2002	<0.002	<0.04	0.48	<0.0004	<0.005	17	<0.01	<0.007	<0.01
	4/18/2003	<0.002	0.042	0.43	<0.0004	<0.005	20	<0.01	<0.007	<0.01
	11/5/2003	<0.002	<0.04	0.41	<0.0004	<0.005	24	<0.01	<0.007	<0.01
	4/29/2004	<0.002	0.04	0.45	<0.0004	<0.005	22	<0.01	<0.007	<0.01
	10/20/2004	<0.002	0.042	0.44	<0.0004	<0.005	23	<0.01	<0.007	<0.01
	4/27/2005	<0.002	0.049	0.51	<0.0004	<0.005	28	<0.01	<0.007	<0.01

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Historical Database, Mississippi County Class 1 Landfill

		Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)
MW-4R (cont.)	10/4/2005	<0.002	<0.04	0.62	<0.0004	<0.005	42	<0.01	<0.007	<0.01
	4/26/2006	<0.002	0.036	0.55	<0.0004	<0.005	42	<0.01	<0.007	<0.01
	10/3/2006	<0.002	0.029	0.67	<0.0004	<0.005	47	<0.01	<0.007	<0.01
	4/11/2007	<0.002	0.047	0.65	<0.0003	<0.005	50	<0.01	<0.007	<0.006
	10/4/2007	<0.002	0.055	0.6	<0.0003	<0.005	70	<0.01	<0.007	<0.006
	4/21/2008	<0.001	0.042	0.58	<0.001	<0.0005	60	<0.01	<0.01	<0.001
	10/9/2008	<0.001	0.054	0.57	<0.001	<0.0005	69	<0.01	<0.01	<0.001
MW-4R2	downgradient									
	6/11/2009	<0.001	0.042	0.31	<0.001	<0.0005	8.3	<0.01	<0.01	<0.001
	11/12/2009	<0.001	0.039	0.33	<0.001	<0.0005	8.4	<0.01	<0.01	<0.002
	4/14/2010	<0.00021	0.044	0.31	<0.00012	<0.00016	23	<0.00054	<0.00026	<0.00052
	10/12/2010	0.00073(J)	0.05	0.36	0.00033(J)	0.00044(J)	6.8	0.0015(J)	0.00052(J)	0.00084(J)
	4/13/2011	<0.001	0.046	0.35	<0.001	<0.0005	7.6	<0.002	<0.001	<0.002
	12/6/2011	0.00028(J)	0.074	0.44	<0.001	<0.0005	9.7	0.00067	0.0005	0.00052
	5/7/2012	<0.001	0.049	0.36	<0.005	<0.0005	5.9	0.00055(J)	<0.001	<0.002
	10/8/2012	0.00027(J)	0.049	0.26(B)	<0.001	<0.0005	5.5	<0.002	0.0005(J)	<0.002
	3/20/2013	<0.001	0.025	0.16	<0.001	<0.0005	5.2	<0.002	<0.001	<0.002
	9/25/2013	0.00037(J)	0.074	0.33	<0.001	<0.0005	12(B)	<0.002	0.001	0.0013(J)
	3/18/2014	<0.001	0.046	0.21	0.00021(J)	<0.0005	5.4	<0.01	<0.005	<0.01
	9/16/2014	<0.001	0.08	0.25	0.0007(J)	<0.0005	5.9	0.0011(BJ)	0.00049(J)	0.00073(J)
	3/24/2015	<0.002	0.049	0.18	<0.002	<0.001	7.1	<0.002	<0.002	<0.005
	9/23/2015	0.000323(J)	0.0998	0.288	<0.002	<0.001	8.3	<0.002	0.000397	0.000686
	2/9/2016	<0.002	0.0741	0.28	<0.002	<0.001	11.9	0.000723(J)	<0.002	0.00138(J)
	8/24/2016	<0.002	0.0835	0.259	<0.002	<0.001	10.4	0.000844(BJ)	<0.002	0.00109(BJ)
	3/3/2017	<0.002	0.0754	0.371	<0.002	<0.001	12.2	<0.002	<0.002	<0.005
	5/23/2017	<0.002	0.0433	0.283	<0.002	<0.001	12.1	<0.002	<0.002	0.000695(J)
	9/1/2017	<0.002	0.0928	0.315	<0.002	<0.001	13.2	<0.002	0.000441(J)	<0.005

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Historical Database, Mississippi County Class 1 Landfill

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MW-4R2 (cont.)	11/17/2017	<0.002	0.155	0.375	<0.002	<0.001	14.5	<0.002	0.0009(J)	0.000532(J)
	3/12/2018	<0.002	0.0548	0.379	<0.002	<0.001	13.2	<0.002	<0.002	0.00057(J)
	6/13/2018	<0.002	0.0266	0.264	<0.002	<0.001	14.8	<0.002	<0.002	<0.005
	9/12/2018	<0.002	0.0957	0.306	<0.002	<0.001	13.5	<0.002	0.000705(J)	<0.005
	12/12/2018	<0.002	0.0993	0.288	<0.002	<0.001	12.7	<0.002	0.00108(J)	<0.005
	3/12/2019	<0.002	0.0507	0.349	<0.002	<0.001	15.8	<0.002	<0.002	0.00237(J)
	6/12/2019	<0.002	0.052	0.326	<0.002	<0.001	13.6	<0.002	<0.002	0.000565(J)
	9/24/2019	<0.002	0.0799	0.324	<0.002	<0.001	13.6	<0.002	0.000573(J)	<0.005
	12/3/2019	<0.002	0.0658	0.339	<0.002	<0.001	23.1	0.00131(BJ)	0.000296(J)	<0.005
	3/12/2020	<0.002	0.0666	0.346	<0.002	<0.001	22.6	0.000861(BJ)	<0.002	<0.005
	6/2/2020	<0.004	0.0496	0.319	<0.002	<0.001	26	<0.002	<0.002	<0.005
	9/14/2020	<0.004	0.104	0.393	<0.002	<0.001	28.2	<0.002	0.000515(J)	<0.005
	12/8/2020	<0.004	0.115	0.396	<0.002	<0.001	22.5	<0.002	0.00119(J)	<0.005
	3/11/2021	<0.004	0.104	0.403	<0.002	<0.001	23.8	<0.002	0.000638(J)	<0.005
	6/17/2021	<0.004	0.0848	0.266	<0.002	<0.001	15.5	<0.002	0.000352(J)	<0.005
	9/9/2021	<0.004	0.114	0.364(B)	<0.002	<0.001	18.3	0.00152(J)	0.000854(J)	<0.005
	12/9/2021	<0.004	0.112	0.418	<0.002	<0.001	17.9	0.00372	0.000468(J)	<0.005
MW-5	downgradient									
	6/14/1994	<0.02	<0.01	1.67	0.02	<0.004	4.5	<0.003	0.062	0.176
	9/15/1994	<0.02	<0.01	0.406	<0.002	<0.004	4	<0.003	0.008	0.019
	12/22/1994	<0.02	<0.01	0.568	<0.002	<0.004	3	<0.003	0.01	0.025
	6/2/1995	<0.02	<0.01	0.197	<0.002	<0.004	1.5	<0.003	<0.003	<0.004
	12/14/1995	0.028	<0.01	0.348	0.002	0.004	1.5	0.01	0.004	0.014
	6/13/1996	<0.03	<0.05	0.17	<0.0003	<0.004	3.4	<0.007	<0.007	<0.006
	11/26/1996	<0.03	<0.05	0.19	<0.0003	<0.004	3.5	<0.007	<0.007	<0.006
	4/23/1997	<0.03	<0.05	0.33	0.00054	<0.004	1.9	0.008	<0.007	0.01
	10/8/1997	<0.003	<0.04	0.14	<0.0003	<0.004	3.5	<0.007	<0.007	<0.006

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MW-5 (cont.)	4/13/1998	<0.002	<0.04	0.14	<0.002	<0.003	3.2	<0.005	<0.007	<0.003
	11/5/1998	<0.002	<0.04	0.18	<0.0004	<0.004	2.6	<0.01	<0.007	<0.01
	4/1/1999	<0.002	<0.04	0.13	<0.0004	<0.004	4.3	<0.01	<0.007	<0.01
	10/22/1999	<0.002	<0.04	0.19	<0.0004	<0.004	4.5	<0.01	<0.007	<0.01
	5/10/2000	<0.002	<0.04	0.27	<0.0004	<0.004	5.3	<0.01	<0.007	<0.01
	10/12/2000	<0.002	<0.04	0.22	<0.0004	<0.004	4.2	<0.01	<0.007	<0.01
	4/26/2001	<0.002	<0.04	0.2	<0.0004	<0.02	5	<0.01	<0.007	<0.01
	10/26/2001	<0.002	<0.04	0.2	<0.0004	<0.02	4.6	<0.01	<0.007	<0.01
	4/10/2002	<0.002	<0.04	0.21	<0.0004	<0.005	6.5	<0.01	<0.007	<0.01
	11/6/2002	<0.002	<0.04	0.15	<0.0004	<0.005	13	<0.01	<0.007	<0.01
	4/18/2003	<0.002	<0.04	0.14	<0.0004	<0.005	9.7	<0.01	<0.007	<0.01
MW-5R	downgradient									
	11/5/2003	<0.002	0.057	0.3	<0.0004	<0.005	3	<0.01	<0.007	<0.01
	4/29/2004	<0.002	0.05	0.32	<0.0004	<0.005	2.3	<0.01	<0.007	<0.01
	10/20/2004	<0.002	0.057	0.33	<0.0004	<0.005	2.4	<0.01	<0.007	<0.01
	4/27/2005	<0.002	0.047	0.34	<0.0004	<0.005	2.6	<0.01	<0.007	<0.01
	10/4/2005	<0.002	0.063	0.35	<0.0004	<0.005	3.1	<0.01	<0.007	<0.01
	4/26/2006	<0.002	0.055	0.37	<0.0004	<0.005	2.6	<0.01	<0.007	<0.01
	10/3/2006	<0.002	0.046	0.33	<0.0004	<0.005	3	<0.01	<0.007	<0.01
	4/11/2007	<0.002	0.057	0.39	<0.0003	<0.005	2.8	<0.01	<0.007	<0.006
	10/4/2007	<0.002	0.083	0.39	<0.0003	<0.005	3.2	<0.01	<0.007	<0.006
	4/21/2008	<0.001	0.032	0.34	<0.001	<0.0005	2.2	<0.01	<0.01	0.0012
	10/9/2008	<0.001	0.066	0.33	<0.001	<0.0005	2.3	<0.01	<0.01	<0.001
	6/11/2009	<0.001	0.056	0.35	<0.001	<0.0005	4.1	<0.01	<0.01	<0.001
	11/12/2009	<0.001	0.052	0.35	<0.005	<0.0005	3.6	<0.01	<0.01	<0.002
	4/14/2010	<0.00021	0.05	0.41	<0.00012	<0.00016	2.8	<0.00054	<0.00026	<0.00052
	10/12/2010	0.00052(J)	0.064	0.41	<0.005	0.00042(J)	1.9	0.00081(J)	0.0005(J)	0.00053(J)

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MW-5R (cont.)	4/13/2011	<0.001	0.052	0.4	<0.001	<0.0005	3.2	<0.002	<0.001	<0.002
	12/6/2011	0.00096(J)	0.08	0.43	<0.001	<0.0005	7.3	<0.002	0.0004	0.0007
	5/7/2012	<0.001	0.062	0.42	<0.005	<0.0005	3.7	<0.002	<0.001	<0.002
	10/8/2012	0.00022(J)	0.064	0.37(B)	<0.001	<0.0005	4.2	<0.002	0.00069(J)	0.0011(J)
	3/20/2013	<0.001	0.048	0.34	<0.001	<0.0005	3.9	<0.002	<0.001	<0.002
	9/25/2013	0.00041(J)	0.0019	0.23	0.00012(J)	<0.0005	5.6(B)	<0.002	0.00073(J)	0.0014(J)
	3/18/2014	0.00032(J)	0.048	0.36	0.00027(J)	0.00017(J)	4.7	<0.01	<0.005	<0.01
	9/17/2014	<0.001	0.072	0.35	0.00073(J)	<0.0005	3.8	0.0022(B)	0.00043(J)	0.00097(J)
	3/24/2015	<0.002	0.0046	0.18	<0.002	<0.001	4.3	<0.002	<0.002	<0.005
	9/23/2015	<0.002	0.0862	0.396	<0.002	<0.001	4.1	<0.002	<0.002	0.000778
	2/9/2016	<0.002	0.0528	0.416	<0.002	<0.001	5.04	0.000796(J)	<0.002	0.00192(J)
	5/23/2016	n/a	n/a	n/a	n/a	n/a	10.2	n/a	n/a	n/a
	8/24/2016	<0.002	0.0811	0.363	<0.002	<0.001	3.95	0.000881(BJ)	<0.002	0.000852(BJ)
	3/3/2017	<0.002	0.0592	0.421	<0.002	<0.001	4.3	<0.002	<0.002	<0.005
	5/23/2017	<0.002	0.0547	0.394	<0.002	<0.001	5.84	<0.002	<0.002	0.000617(J)
	9/1/2017	<0.002	0.092	0.383	<0.002	<0.001	3.87	<0.002	0.000288(J)	<0.005
	11/17/2017	<0.002	0.0715	0.387	<0.002	<0.001	5.33	<0.002	<0.002	0.00112(J)
	3/13/2018	<0.002	0.0606	0.431	0.000147(J)	<0.001	7.03	<0.002	<0.002	0.00603(B)
	6/13/2018	<0.002	0.0428	0.364	<0.002	<0.001	8.89	<0.002	<0.002	0.000621(J)
	9/13/2018	<0.002	0.0909	0.384	<0.002	<0.001	5.55	<0.002	0.000363(J)	<0.005
	12/13/2018	0.00105(J)	0.0679	0.423	<0.002	<0.001	6.77	0.00076(J)	<0.002	<0.005
	3/13/2019	<0.002	0.0581	0.441	<0.002	<0.001	7.64	<0.002	<0.002	<0.005
	6/13/2019	<0.002	0.06	0.466	<0.002	<0.001	9.8	<0.002	<0.002	0.000767(J)
	9/24/2019	<0.002	0.0774	0.394	<0.002	<0.001	7.34	0.000962(J)	0.000271(J)	0.0011(J)
	12/3/2019	<0.002	0.0595	0.418	<0.002	<0.001	7.5	0.00118(BJ)	<0.002	0.000844(J)
	3/12/2020	<0.002	0.0599	0.442	<0.002	<0.001	10.7	0.000842(BJ)	<0.002	0.000732(J)
	6/2/2020	<0.004	0.0532	0.454	<0.002	<0.001	12.5	<0.002	<0.002	<0.005

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MW-5R (cont.)	9/14/2020	<0.004	0.086	0.401	<0.002	<0.001	9.22	<0.002	0.000498(J)	<0.005
	12/8/2020	<0.004	0.1	0.431	<0.002	<0.001	7.61	<0.002	0.000573(J)	<0.005
	3/11/2021	<0.004	0.0899	0.427	<0.002	<0.001	9.07	<0.002	0.000464(J)	<0.005
	6/17/2021	<0.004	0.064	0.392	<0.002	<0.001	9.71	<0.002	0.000185(J)	<0.005
	9/9/2021	<0.004	0.0941	0.387(B)	<0.002	<0.001	7.06	<0.002	0.000717(J)	<0.005
	12/9/2021	<0.004	0.118	0.448	<0.002	<0.001	7.01	<0.002	0.000859(J)	<0.005
MW-6	downgradient									
	11/5/2003	<0.002	<0.04	0.41	<0.0004	<0.005	10	<0.01	<0.007	<0.01
	4/29/2004	<0.002	<0.04	0.36	<0.0004	<0.005	9	<0.01	<0.007	<0.01
	10/20/2004	<0.002	<0.04	0.38	<0.0004	<0.005	7.7	<0.01	<0.007	<0.01
	4/27/2005	<0.002	<0.04	0.36	<0.0004	<0.005	8.7	<0.01	<0.007	<0.01
	10/4/2005	<0.002	<0.04	0.36	<0.0004	<0.005	7.2	<0.01	<0.007	<0.01
	4/26/2006	<0.002	<0.001	0.38	<0.0004	<0.005	15	<0.01	<0.007	<0.01
	10/3/2006	<0.002	<0.001	0.37	<0.0004	<0.005	18	<0.01	<0.007	<0.01
	4/11/2007	<0.002	0.0041	0.4	<0.0003	<0.005	19	<0.01	<0.007	<0.006
	10/4/2007	<0.002	0.0046	0.35	<0.0003	<0.005	12	<0.01	<0.007	<0.006
	4/21/2008	<0.001	0.0028	0.34	<0.001	<0.0005	20	<0.01	<0.01	0.0015
	10/9/2008	<0.001	0.0043	0.33	<0.001	<0.0005	13	<0.01	<0.01	<0.001
	6/11/2009	<0.001	0.0042	0.36	<0.001	<0.0005	23	<0.01	<0.01	0.0012
	11/12/2009	<0.001	0.0013	0.28	<0.005	<0.0005	18	<0.01	<0.01	<0.002
	4/14/2010	<0.00021	0.0028	0.33	<0.00012	<0.00016	18	<0.00054	<0.00026	<0.00052
	10/12/2010	0.0005(J)	0.0046	0.43	0.00031(J)	0.0004(J)	12	0.0016(J)	0.00046(J)	<0.002
	4/13/2011	<0.001	0.0016	0.3	<0.001	<0.0005	17	<0.002	<0.001	<0.002
	12/6/2011	0.00032(J)	0.0025	0.28	<0.001	<0.0005	19	<0.002	0.00033	<0.002
	5/8/2012	<0.001	0.0034	0.29	<0.005	<0.0005	15	<0.002	<0.001	<0.002
	10/8/2012	0.00022(J)	0.0048	0.4(B)	0.00012(J)	<0.0005	18	<0.002	0.00051(J)	<0.002
	3/20/2013	<0.001	0.0016	0.23	<0.001	<0.0005	16	0.00071(J)	0.00027(J)	<0.002

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MW-6 (cont.)	9/25/2013	<0.001	0.0011	0.25	<0.001	<0.0005	24(B)	<0.002	0.00028(J)	<0.002
	3/19/2014	0.00028(J)	0.0017	0.23	0.00028(J)	0.00017(J)	17	<0.002	0.00063(J)	<0.002
	9/17/2014	<0.001	0.0029	0.26	0.00075(J)	<0.0005	32	0.0028(B)	0.00069(J)	0.00096(J)
	3/24/2015	<0.002	0.00094(J)	0.26	<0.002	<0.001	26	<0.002	<0.002	<0.005
	9/23/2015	<0.002	0.00357	0.295	<0.002	<0.001	27.2	<0.002	0.000437	0.000669
	2/9/2016	<0.002	0.00393	0.351	<0.002	<0.001	31.6	0.000593(J)	0.000339(J)	0.00161(J)
	5/23/2016	n/a	n/a	n/a	n/a	n/a	25.5	n/a	n/a	n/a
	8/24/2016	<0.002	0.00103(J)	0.258	<0.002	<0.001	32.4	0.00105(BJ)	0.000382(J)	0.00113(BJ)
	3/6/2017	<0.002	0.00155(J)	0.306	<0.002	<0.001	40.2	<0.002	0.00066(J)	0.000542(J)
	5/23/2017	<0.002	0.00289	0.35	<0.002	<0.001	46.4	<0.002	0.000497(J)	0.000653(J)
	9/1/2017	<0.002	0.00287	0.401	<0.002	<0.001	86.9	<0.002	0.00117(J)	<0.005
	11/17/2017	<0.002	0.00254	0.406	<0.002	<0.001	114	<0.002	0.00116(J)	0.000666(J)
	3/13/2018	<0.002	0.00357	0.452	<0.002	<0.001	104	0.000564(J)	0.00083(J)	0.00679(B)
	6/13/2018	<0.002	0.0023	0.354	<0.002	<0.001	79	<0.002	0.00184(J)	0.00133(J)
	9/13/2018	<0.002	0.00287	0.348	<0.002	<0.001	76.5	<0.002	0.00102(J)	<0.005
	12/13/2018	<0.002	0.00385	0.427	<0.002	<0.001	72	<0.002	0.000785(J)	<0.005
	3/14/2019	<0.002	0.00346	0.45	<0.002	<0.001	73.6	<0.002	0.000567(J)	0.000701(J)
	6/13/2019	<0.002	0.00293	0.419	<0.002	<0.001	58.3	<0.002	0.00128(J)	<0.005
	9/24/2019	<0.002	0.00369	0.335	<0.002	<0.001	43.6	0.000725(J)	0.000777(J)	0.000828(J)
	12/3/2019	<0.002	0.00227	0.315	<0.002	<0.001	53.4	0.00127(BJ)	0.000966(J)	0.000736(J)
	3/13/2020	0.0011(J)	0.00339	0.358	0.000145(J)	<0.001	47.5	0.000987(BJ)	0.000922(J)	0.000941(J)
	6/2/2020	<0.004	0.00258	0.339	<0.002	<0.001	44.6	<0.002	0.000922(J)	<0.005
	9/14/2020	<0.004	0.00277	0.335	<0.002	<0.001	40.9	<0.002	0.000655(J)	<0.005
	12/8/2020	<0.004	0.00289	0.31	<0.002	<0.001	35.3	<0.002	0.000958(J)	0.00279(J)
	3/11/2021	<0.004	0.00317	0.304	<0.002	<0.001	30.9	<0.002	0.000492(J)	<0.005
	6/17/2021	<0.004	0.00223	0.273	<0.002	<0.001	32.3	<0.002	0.00086(J)	<0.005
	9/9/2021	<0.004	0.00312	0.323(B)	<0.002	<0.001	32.9	<0.002	0.000614(J)	<0.005

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MW-6 (cont.)	12/9/2021	0.00231(J)	0.00462	0.475	<0.002	<0.001	26	<0.002	0.000785(J)	<0.005
OB-1	upgradient									
	4/11/2007	<0.002	0.075	0.28	<0.0003	<0.005	2.5	<0.01	<0.007	<0.006
	11/30/2016	<0.002	0.0739	0.284	<0.002	<0.001	1.53	<0.002	<0.002	0.000946(J)
	3/1/2017	<0.002	0.068	0.261	<0.002	0.000944(J)	1.46	<0.002	<0.002	0.00187(J)
	5/17/2017	<0.002	0.041	0.281	<0.002	0.000785(J)	1.68	<0.002	<0.002	<0.005
	8/16/2017	<0.002	0.0588	0.296	<0.002	0.000214(J)	1.29	<0.002	<0.002	<0.005
	11/13/2017	<0.002	0.0728	0.297	<0.002	<0.001	2.12	<0.002	<0.002	0.000647(J)
	3/12/2018	<0.002	0.0541	0.297	0.000308(J)	0.000951(J)	1.21	<0.002	<0.002	0.00228(J)
	6/11/2018	<0.002	0.0428	0.323	<0.002	0.00104	1.22(B)	<0.002	<0.002	0.000988(J)
	9/12/2018	<0.002	0.0547	0.32	<0.002	<0.001	1.4	<0.002	<0.002	<0.005
	12/11/2018	<0.002	0.0511	0.32	<0.002	0.000173(J)	1.26(B)	<0.002	<0.002	<0.005
	3/12/2019	<0.002	0.0326	0.255	<0.002	0.000239(J)	1.03	<0.002	<0.002	0.000873(J)
	6/12/2019	<0.002	0.0321	0.275	<0.002	0.000547(J)	0.528(J)	<0.002	<0.002	0.000775(J)
	9/24/2019	<0.002	0.0474	0.29	<0.002	<0.001	1.31	0.00118(J)	<0.002	<0.005
	12/3/2019	<0.002	0.0379	0.248	<0.002	<0.001	0.999(J)	0.001(BJ)	<0.002	0.000773(J)
	3/10/2020	<0.002	0.00202	0.176	<0.002	0.000442(J)	0.942(J)	0.00116(BJ)	<0.002	<0.005
	6/2/2020	<0.004	0.0171	0.219	<0.002	<0.001	1.13	<0.002	<0.002	<0.005
	9/14/2020	<0.004	0.0735	0.303	<0.002	<0.001	1.23	<0.002	<0.002	<0.005
	12/8/2020	<0.004	0.0866	0.308	<0.002	0.000169(J)	1.51(B)	<0.002	0.000149(J)	<0.005
	3/9/2021	<0.004	0.0308	0.235	<0.002	0.000276(J)	1.44(B)	<0.002	0.0002(J)	<0.005
	6/14/2021	<0.004	0.048	0.304	<0.002	<0.001	1.17	<0.002	0.000134(J)	<0.005
	9/8/2021	<0.004	0.0775	0.293(B)	<0.002	0.000291(J)	1.37	<0.002	0.000156(J)	<0.005
	12/7/2021	<0.004	0.0909	0.287	<0.002	0.00162	1.92	<0.002	0.00017(J)	<0.005
MW-10	upgradient									
	4/2/2013	0.00062(J)	0.0045	0.16	0.0002(J)	<0.0005	3.9	<0.002	0.00073(J)	0.0011(J)
	6/12/2013	<0.001	0.001	0.13	<0.001	<0.0005	3.4	<0.002	<0.001	0.00069(J)

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MW-10 (cont.)	9/25/2013	<0.001	0.0014	0.12	<0.001	<0.0005	6(B)	<0.002	0.0011	0.00096(J)
	12/11/2013	<0.005	0.0069	0.18	<0.001	<0.0025	4.6	<0.01	0.00056(J)	<0.002
	3/19/2014	0.00031(J)	0.0085	0.077	0.0003(J)	0.0003(J)	2.6	<0.002	0.0013	0.00076(J)
	6/25/2014	<0.001	0.012	0.094	<0.001	0.0009	2.9	<0.002	0.00065(J)	0.00087(J)
	9/18/2014	<0.001	0.019	0.12	0.00073(J)	<0.0005	3.7	0.0021(B)	0.0014	0.00095(J)
	12/16/2014	<0.002	0.017	0.2	<0.002	<0.001	12	<0.002	0.0019(J)	<0.005
	3/25/2015	<0.002	0.00046(J)	0.081	<0.002	<0.001	2.5	<0.002	<0.002	0.00075(J)
	9/24/2015	<0.002	0.00693	0.0991	<0.002	<0.001	3.65	<0.002	0.000893	0.00148
	2/18/2016	0.00029(J)	0.00105(J)	0.073	<0.002	<0.001	2.01	<0.002	<0.002	0.00142(J)
	8/25/2016	0.00106(BJ)	0.00724	0.0983	<0.002	<0.001	3.1	0.000988(BJ)	0.000678(J)	<0.005
	5/18/2017	<0.002	0.0015(J)	0.0873	<0.002	<0.001	1.89	<0.002	0.000408(J)	0.000746(J)
	11/14/2017	<0.002	0.00422	0.101	<0.002	<0.001	2.95	<0.002	0.000418(J)	<0.005
	6/11/2018	<0.002	0.00404	0.0821	<0.002	<0.001	2	<0.002	0.000456(J)	0.00117(J)
	12/17/2018	<0.002	0.00502	0.0754	<0.002	<0.001	1.53	0.000556(J)	0.000884(J)	0.00112(J)
	6/19/2019	<0.002	0.00753	0.097	<0.002	<0.001	2.66	<0.002	0.000539(J)	0.00159(BJ)
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<0.002	0.00102(J)	0.0824	<0.002	<0.001	1.57	0.00145(BJ)	<0.002	0.00143(J)
	6/10/2020	<0.004	0.00499	0.1	<0.002	<0.001	2.2	<0.002	<0.002	<0.005
	12/10/2020	<0.004	0.00263	0.113	<0.002	<0.001	2.93(B)	<0.002	0.000256(J)	0.00239(J)
	6/15/2021	<0.004	0.00284	0.123	<0.002	<0.001	2.49	<0.002	0.000304(J)	<0.005
	12/8/2021	<0.004	0.00502	0.173	<0.002	<0.001	2.94	0.00205	0.000639(J)	0.00178(J)
MW-11	upgradient									
	11/5/2015	0.000306(J)	0.048	0.288	<0.002	<0.001	3.67	<0.002	0.002	<0.005
	2/10/2016	<0.002	0.0546	0.277	<0.002	<0.001	4.31	0.000626(J)	0.00239	0.00152(J)
	5/19/2016	<0.002	0.0674	0.32	<0.002	<0.001	4.09	<0.002	0.00249	<0.005
	8/28/2016	<0.002	0.0685	0.299	<0.002	<0.001	4.71	0.000783(BJ)	0.00227	0.000569(BJ)
	12/1/2016	<0.002	0.0632	0.271	<0.002	<0.001	3.88	<0.002	0.00193(J)	<0.005

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MW-11 (cont.)	3/2/2017	<0.002	0.0477	0.248	<0.002	<0.001	3.86	<0.002	0.00147(J)	<0.005
	5/19/2017	<0.002	0.0731	0.286	<0.002	<0.001	4.79	<0.002	0.00236	<0.005
	8/17/2017	<0.002	0.0672	0.256	<0.002	<0.001	3.99	<0.002	0.00186(J)	<0.005
	11/14/2017	<0.002	0.066	0.251	<0.002	<0.001	3.48	<0.002	0.00174(J)	0.0013(J)
	6/11/2018	<0.002	0.0715	0.302	<0.002	<0.001	3.79	<0.002	0.00208	<0.005
	12/17/2018	<0.002	0.0321	0.0989	<0.002	<0.001	1.96	0.000647(J)	0.00157(J)	0.00122(J)
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/20/2019	<0.002	0.04	0.182	<0.002	<0.001	3.67	<0.002	0.000563(J)	0.00201(BJ)
	12/5/2019	<0.002	0.0271	0.149	<0.002	<0.001	3	0.00144(BJ)	0.000272(J)	0.000652(J)
	6/10/2020	<0.004	0.0544	0.155	<0.002	<0.001	3.87	<0.002	<0.002	0.00339(J)
	12/9/2020	<0.004	0.0329	0.224	<0.002	<0.001	3.02(B)	<0.002	0.000214(J)	0.00186(J)
	3/9/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	4/19/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/15/2021	<0.004	0.0562	0.203	<0.002	<0.001	3.14	0.00263	0.000412(J)	<0.005
	9/8/2021	n/a	n/a	n/a	n/a	n/a	n/a	<0.002	n/a	n/a
	12/8/2021	<0.004	0.0556	0.217	<0.002	<0.001	2.54	0.00748	0.000227(J)	<0.005
MW-12	downgradient									
	11/5/2015	<0.002	0.0929	0.246	<0.002	<0.001	5.77	<0.002	0.00159	<0.005
	2/10/2016	<0.002	0.0526	0.174	<0.002	<0.001	4.65	0.000692(J)	0.00155(J)	0.00173(J)
	5/19/2016	0.000349(J)	0.0644	0.206	<0.002	<0.001	4.25	<0.002	0.00141(J)	<0.005
	8/28/2016	<0.002	0.0679	0.255	<0.002	<0.001	5.47	0.000662(BJ)	0.00199(J)	0.000923(BJ)
	12/1/2016	<0.002	0.0915	0.246	<0.002	<0.001	5.54	<0.002	0.00183(J)	<0.005
	3/2/2017	<0.002	0.0078	0.127	<0.002	<0.001	4.06	<0.002	0.000358(J)	0.00065(J)
	5/19/2017	<0.002	0.101	0.25	<0.002	<0.001	6.07	<0.002	0.00186(J)	<0.005
	8/17/2017	<0.002	0.0381	0.161	<0.002	<0.001	4.39	<0.002	0.00252	<0.005
	11/14/2017	<0.002	0.0404	0.148	<0.002	<0.001	6.13	<0.002	0.00279	<0.005
	6/11/2018	<0.002	0.0626	0.198	<0.002	<0.001	7.32	<0.002	0.00253	<0.005

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MW-12 (cont.)	12/17/2018	<0.002	0.0178	0.106	<0.002	<0.001	3.38	0.000622(J)	0.00127(J)	0.000684(J)
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/20/2019	<0.002	0.0571	0.167	<0.002	<0.001	6.3	<0.002	0.00147(J)	0.000645(BJ)
	12/5/2019	<0.002	0.0112	0.124	<0.002	<0.001	4.25	0.00118(BJ)	0.000695(J)	<0.005
	6/10/2020	<0.004	0.0369	0.188	<0.002	<0.001	5.9	<0.002	0.000982(J)	<0.005
	12/10/2020	<0.004	0.0151	0.158	<0.002	<0.001	5.2(B)	<0.002	0.00137(J)	<0.005
	6/16/2021	<0.004	0.0318	0.173	<0.002	<0.001	6.53	<0.002	0.00137(J)	<0.005
	12/8/2021	<0.004	0.0344	0.175	<0.002	<0.001	5.22	0.00498	0.00123(J)	0.00442(J)
MW-13	downgradient									
	11/5/2015	<0.002	0.0359	0.282	<0.002	<0.001	7.6(O)	<0.002	<0.002	<0.005
	2/10/2016	<0.002	0.0531	0.356	<0.002	<0.001	4.52	0.000887(J)	<0.002	0.00184(J)
	5/19/2016	<0.002	0.0536	0.296	<0.002	<0.001	4.24	<0.002	0.000919(J)	<0.005
	8/28/2016	<0.002	0.056	0.359	<0.002	<0.001	4.19	0.00108(BJ)	<0.002	0.00182(BJ)
	12/1/2016	<0.002	0.0437	0.295	<0.002	<0.001	4.19	<0.002	0.000526(J)	<0.005
	3/2/2017	<0.002	0.012	0.216	<0.002	<0.001	5.17	<0.002	<0.002	0.00113(J)
	5/24/2017	<0.002	0.0543	0.352	<0.002	<0.001	4.2	<0.002	<0.002	<0.005
	8/18/2017	<0.002	0.0522	0.352	<0.002	<0.001	3.81	<0.002	<0.002	0.00805
	11/14/2017	<0.002	0.0507	0.327	<0.002	<0.001	4.93	<0.002	<0.002	<0.005
	6/11/2018	<0.002	0.0571	0.365	<0.002	<0.001	4.18	<0.002	<0.002	0.000548(J)
	12/19/2018	<0.002	0.0236	0.109	<0.002	<0.001	4.22	0.000669(J)	0.00174(J)	0.000628(J)
	6/20/2019	<0.002	0.0169	0.0956	<0.002	<0.001	3.73	<0.002	0.000338(J)	0.000783(BJ)
	12/5/2019	<0.002	0.0068	0.102	<0.002	<0.001	3.14	0.00152(BJ)	<0.002	0.000709(J)
	6/10/2020	<0.004	0.0393	0.198	<0.002	<0.001	3.5(J)	<0.002	<0.002	<0.005
	12/10/2020	<0.004	0.0163	0.167	<0.002	<0.001	3(B)	<0.002	0.000245(J)	<0.005
	6/16/2021	<0.004	0.0314	0.221	<0.002	<0.001	3.3	0.00147(J)	0.000193(J)	<0.005
	12/8/2021	<0.004	0.024	0.238	<0.002	<0.001	3.47	0.00128(J)	0.000118(J)	0.00221(J)
MW-14	downgradient									

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Historical Database, Mississippi County Class 1 Landfill

		Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)
MW-14 (cont.)	11/6/2015	<0.002	0.0385	0.18	<0.002	<0.001	6.46	<0.002	<0.002	<0.005
	2/18/2016	0.000216(J)	0.0426	0.169	<0.002	<0.001	3.24	<0.002	<0.002	0.000766(J)
	5/23/2016	<0.002	0.0427	0.266	<0.002	<0.001	3.36	<0.002	<0.002	<0.005
	8/29/2016	<0.002	0.0456	0.226	<0.002	<0.001	3.4	0.000857(BJ)	<0.002	0.000787(BJ)
	12/1/2016	<0.002	0.0459	0.184	<0.002	<0.001	3.12	<0.002	<0.002	<0.005
	3/2/2017	<0.002	0.0481	0.191	<0.002	<0.001	2.95	<0.002	<0.002	0.0013(J)
	5/22/2017	<0.002	0.0302	0.148	<0.002	<0.001	3.08	<0.002	<0.002	0.000524(J)
	8/18/2017	<0.002	0.0553	0.249	<0.002	<0.001	3.11	<0.002	<0.002	<0.005
	11/16/2017	<0.002	0.0461	0.188	<0.002	<0.001	3.77	<0.002	<0.002	<0.005
	6/13/2018	<0.002	0.0209	0.148	<0.002	<0.001	3.04	<0.002	<0.002	0.000669(J)
	12/19/2018	<0.002	0.049	0.188	<0.002	<0.001	2.88	<0.002	<0.002	<0.005
	6/19/2019	<0.002	0.0445	0.323	<0.002	<0.001	3.51	<0.002	<0.002	0.00161(BJ)
	9/24/2019	n/a	n/a	0.307	n/a	n/a	n/a	n/a	n/a	n/a
	12/5/2019	<0.002	0.0489	0.322	<0.002	<0.001	2.66	0.0013(BJ)	<0.002	<0.005
	3/10/2020	n/a	n/a	0.119	n/a	n/a	n/a	n/a	n/a	n/a
	6/5/2020	<0.004	0.0438	0.315	<0.002	<0.001	2.85	<0.002	<0.002	<0.005
	12/11/2020	<0.004	0.0506	0.331	<0.002	<0.001	3.04(B)	<0.002	6.78E-05(J)	<0.005
	6/16/2021	<0.004	0.042	0.301	<0.002	<0.001	2.69	<0.002	<0.002	<0.005
	12/8/2021	<0.004	0.0524	0.355	<0.002	<0.001	2.93	<0.002	8.22E-05(J)	0.00166(J)
MW-15	downgradient									
	4/3/2013	0.00063(J)	0.0025	0.1	0.00024(J)	0.00016(J)	2	0.0017(J)	0.00098(J)	0.0023
	4/3/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/12/2013	<0.001	0.001	0.11	<0.001	<0.0005	2.5	<0.002	0.0004(J)	0.00083(J)
	9/25/2013	<0.001	0.00088(J)	0.055	<0.001	<0.0005	3.4(B)	<0.002	<0.001	0.00081(J)
	12/12/2013	<0.005	0.0018	0.073	<0.001	<0.0025	1.3	<0.01	0.00027(J)	<0.002
MW-15R	3/19/2014	0.00082(J)	0.02	0.63	0.0026	0.0013	6.1	0.054	0.025	0.055
	downgradient									

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MW-15R (cont.)	11/6/2015	<0.002	0.0269	0.152	<0.002	<0.001	3.46	<0.002	0.000774	<0.005
	5/23/2016	<0.002	0.0308	0.173	<0.002	<0.001	1.97	0.00209	0.00112(J)	0.00229(J)
	8/29/2016	<0.002	0.0298	0.165	<0.002	<0.001	2.33	0.000895(BJ)	0.000886(J)	<0.005
	12/1/2016	<0.002	0.03	0.14	<0.002	<0.001	2.14	<0.002	0.000927(J)	<0.005
	3/2/2017	<0.002	0.0235	0.148	<0.002	<0.001	2.11	<0.002	0.000555(J)	0.00117(J)
	5/23/2017	<0.002	0.0283	0.145	<0.002	<0.001	2.17	<0.002	0.000906(J)	<0.005
	8/18/2017	<0.002	0.034	0.296	<0.002	<0.001	4.12	<0.002	0.00114(J)	<0.005
	11/16/2017	<0.002	0.0322	0.23	0.000387(J)	0.000389(J)	16.2	0.00117(J)	0.00133(J)	0.00102(J)
	6/13/2018	<0.002	0.0306	0.173	<0.002	<0.001	2.78	<0.002	0.000904(J)	0.00101(J)
	9/13/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/19/2018	<0.002	0.0288	0.226	<0.002	0.000168(J)	7.47	<0.002	0.000849(J)	0.000949(J)
	6/19/2019	<0.002	0.0312	0.193	<0.002	<0.001	3.99	<0.002	0.00102(J)	<0.005
	12/3/2019	<0.002	0.0297	0.211	<0.002	<0.001	7.92	0.00135(BJ)	0.000945(J)	0.000665(J)
	6/4/2020	<0.004	0.0336	0.205	<0.002	<0.001	2.63	<0.002	0.00102(J)	<0.005
	12/10/2020	<0.004	0.0308	0.242	<0.002	<0.001	12.7(B)	<0.002	0.00106(J)	<0.005
	6/16/2021	<0.004	0.0252	0.224	<0.002	<0.001	15	<0.002	0.000983(J)	<0.005
	12/9/2021	<0.004	0.0332	0.244	<0.002	<0.001	6.31	0.00134(J)	0.00101(J)	<0.005
MW-16	downgradient									
	11/5/2015	<0.002	0.0314	0.268	<0.002	<0.001	4.9	<0.002	0.00103	<0.005
	8/29/2016	<0.002	0.0304	0.296	<0.002	<0.001	4.34	0.000878(BJ)	0.000836(J)	0.000755(BJ)
	12/5/2016	<0.002	0.0306	0.29	<0.002	<0.001	4.28	<0.002	0.000988(J)	<0.005
	3/2/2017	<0.002	0.0284	0.283	<0.002	<0.001	4.26	0.000691(J)	0.00108(J)	0.0105
	5/23/2017	<0.002	0.0315	0.293	<0.002	<0.001	3.96	<0.002	0.000843(J)	<0.005
	8/18/2017	<0.002	0.0308	0.165	<0.002	<0.001	2.06	<0.002	0.000742(J)	<0.005
	11/16/2017	<0.002	0.0357	0.32	<0.002	<0.001	5.03	<0.002	0.00142(J)	<0.005
	3/14/2018	<0.002	0.0315	0.292	<0.002	<0.001	4	<0.002	0.000864(J)	<0.005
	6/12/2018	<0.002	0.0345	0.294	<0.002	<0.001	3.55	<0.002	0.00118(J)	<0.005

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MW-16 (cont.)	12/20/2018	<0.002	0.0334	0.339	<0.002	<0.001	3.91	0.000657(J)	0.00116(J)	0.000628(J)
	6/18/2019	<0.002	0.0321	0.342	<0.002	<0.001	5.13	0.00123(BJ)	0.00113(J)	0.00372(BJ)
	12/4/2019	<0.002	0.0338	0.389	<0.002	<0.001	6.3	0.00154(BJ)	0.00134(J)	<0.005
	3/12/2020	n/a	n/a	0.39	n/a	n/a	n/a	n/a	n/a	n/a
	6/4/2020	<0.004	0.0209	0.346	<0.002	<0.001	5.36	<0.002	0.000764(J)	<0.005
	12/10/2020	<0.004	0.0319	0.356	<0.002	<0.001	5.37(B)	<0.002	0.00111(J)	<0.005
	6/16/2021	<0.004	0.032	0.332	<0.002	<0.001	6.2	<0.002	0.00148(J)	<0.005
	12/9/2021	<0.004	0.0321	0.386	<0.002	<0.001	4.63	0.00441	0.00106(J)	0.00502
MW-17	upgradient									
	4/2/2013	<0.001	0.02	0.34	<0.001	0.00024(J)	5.5	<0.002	0.00063(J)	0.00057(J)
	6/12/2013	<0.001	0.0018	0.38	<0.001	<0.0005	5.3	<0.002	<0.001	0.00064(J)
	9/26/2013	<0.001	0.019	0.18	<0.001	<0.0005	6.9(B)	<0.002	0.00028(J)	<0.002
	12/12/2013	<0.005	0.031	0.33	<0.001	<0.0025	5.3	<0.01	<0.001	<0.002
	3/19/2014	<0.001	0.017	0.33	0.00023(J)	<0.0005	10	<0.002	<0.001	<0.002
	6/25/2014	<0.001	0.023	0.27	<0.001	<0.0005	5.2	<0.002	<0.001	<0.002
	9/18/2014	<0.001	0.017	0.2	0.00073(J)	<0.0005	4.9	0.0023(B)	0.00036(J)	0.00082(J)
	12/16/2014	<0.002	0.026	0.34	<0.002	<0.001	4.8	<0.002	<0.002	<0.005
	3/25/2015	<0.002	0.016	0.29	<0.002	<0.001	4.8	<0.002	<0.002	<0.005
	9/23/2015	<0.002	0.00265	0.151	<0.002	<0.001	3.85	<0.002	0.000338	0.00322
	2/18/2016	<0.002	0.0231	0.333	<0.002	<0.001	5.5	<0.002	0.000516(J)	0.000594(J)
	8/26/2016	0.000857(BJ)	0.0131	0.211	<0.002	<0.001	4.8	0.000913(BJ)	<0.002	<0.005
	5/18/2017	<0.002	0.0065	0.235	<0.002	<0.001	4.43	0.00055(J)	<0.002	<0.005
	11/14/2017	<0.002	0.0264	0.288	<0.002	<0.001	4.65	<0.002	<0.002	<0.005
	6/11/2018	<0.002	0.0221	0.326	<0.002	<0.001	3.88	<0.002	0.000394(J)	0.000579(J)
	12/17/2018	<0.002	0.025	0.289	<0.002	<0.001	3.7	<0.002	<0.002	0.000926(J)
	6/17/2019	<0.002	0.0218	0.344	<0.002	<0.001	3.57	<0.002	0.000517(J)	0.00147(BJ)
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

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MW-17 (cont.)	12/4/2019	<0.002	0.0217	0.277	<0.002	<0.001	3.63	0.00123(BJ)	<0.002	<0.005
	6/3/2020	<0.004	0.0183	0.372	<0.002	<0.001	4.35	<0.002	0.000517(J)	<0.005
	12/9/2020	<0.004	0.0307	0.262	<0.002	<0.001	3.49(B)	<0.002	0.00011(J)	<0.005
	6/14/2021	<0.004	0.0232	0.291	<0.002	<0.001	3.7	<0.002	0.000336(J)	<0.005
MW-18	upgradient									
	4/3/2013	0.0005(J)	0.026	0.51	0.0002(J)	<0.0005	4.5	<0.002	<0.001	0.00064(J)
	6/12/2013	<0.001	0.026	0.55	<0.001	<0.0005	4.5	<0.002	<0.001	<0.002
	9/25/2013	<0.001	0.011	0.32	<0.001	<0.0005	7.3(B)	<0.002	0.00029(J)	0.00057(J)
	12/12/2013	<0.005	0.03	0.36	<0.001	<0.0025	6.9	<0.01	<0.001	<0.002
	3/19/2014	<0.001	0.0055	0.27	0.00015(J)	<0.0005	6.4	<0.002	<0.001	<0.002
	6/25/2014	<0.001	0.0045	0.25	<0.001	<0.0005	7.7	<0.002	<0.001	<0.002
	9/18/2014	<0.001	0.015	0.32	<0.001	<0.0005	5.1	<0.002	<0.001	<0.002
	12/17/2014	<0.002	0.023	0.38	<0.002	<0.001	11	<0.002	<0.002	0.01
	9/24/2015	<0.002	0.0172	0.366	<0.002	<0.001	7.42	<0.002	0.000291	0.000784
	8/29/2016	<0.002	0.0187	0.333	<0.002	<0.001	4.47	0.000855(BJ)	<0.002	0.000903(BJ)
	5/22/2017	<0.002	0.0219	0.372	<0.002	<0.001	4.59	<0.002	<0.002	<0.005
	11/16/2017	<0.002	0.0137	0.337	<0.002	<0.001	7.47	<0.002	<0.002	<0.005
	6/12/2018	<0.002	0.00864	0.27	<0.002	<0.001	5.79	<0.002	0.000275(J)	0.000621(J)
	12/20/2018	<0.002	0.00219	0.151	<0.002	0.000171(J)	4.78	<0.002	0.000269(J)	0.00136(J)
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/18/2019	<0.002	0.0247	0.396	<0.002	<0.001	3.99	<0.002	0.000375(J)	<0.005
	12/3/2019	<0.002	0.00531	0.244	<0.002	<0.001	5.84	0.00123(BJ)	0.000337(J)	0.00086(J)
	3/10/2020	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/4/2020	<0.004	0.00922	0.356	<0.002	<0.001	5.54	<0.002	<0.002	<0.005
	12/10/2020	<0.004	0.0189	0.453	<0.002	<0.001	6.5(B)	<0.002	0.000388(J)	<0.005
	6/16/2021	<0.004	0.0031	0.139	<0.002	<0.001	5.04	<0.002	0.000253(J)	<0.005
	9/8/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

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MW-18 (cont.)	12/8/2021	<0.004	0.0102	0.447	<0.002	<0.001	5.18	<0.002	0.000784(J)	0.00216(J)
MW-19	upgradient									
	4/2/2013	<0.001	0.014	0.32	<0.001	<0.0005	7.6	<0.002	0.00038(J)	0.00054(J)
	6/12/2013	<0.001	0.00093(J)	0.24	<0.001	<0.0005	7.5	<0.002	<0.001	<0.002
	9/25/2013	<0.001	0.0037	0.3	<0.001	<0.0005	6.8(B)	<0.002	<0.001	0.00066(J)
	12/11/2013	<0.005	0.0054	0.31	<0.001	<0.0025	6.4	<0.01	<0.001	0.00052(J)
	3/19/2014	0.00021(J)	0.0015	0.2	0.00024(J)	<0.0005	6.1	<0.002	<0.001	<0.002
	6/25/2014	<0.001	0.0036	0.25	<0.001	<0.0005	6.1	<0.002	<0.001	<0.002
	9/18/2014	<0.001	0.0035	0.23	<0.001	<0.0005	5.6	0.003(B)	<0.001	<0.002
	12/16/2014	<0.002	0.0038	0.31	<0.002	<0.001	5.2	<0.002	<0.002	<0.005
	3/25/2015	<0.002	0.00074(J)	0.2	<0.002	<0.001	5.5	<0.002	<0.002	<0.005
	9/24/2015	<0.002	0.00495	0.244	<0.002	<0.001	4.46	<0.002	<0.002	0.0018
	2/17/2016	0.000276(J)	0.00606	0.252	<0.002	<0.001	4.02	<0.002	<0.002	0.000819(J)
	8/25/2016	<0.002	0.00646	0.228	<0.002	<0.001	4.03	0.000879(BJ)	<0.002	<0.005
	5/18/2017	<0.002	0.00473	0.237	<0.002	<0.001	3.43	0.000767(J)	<0.002	0.000595(J)
	11/14/2017	<0.002	0.00443	0.259	<0.002	<0.001	3.22	<0.002	<0.002	<0.005
	6/11/2018	<0.002	0.00479	0.213	<0.002	<0.001	2.12(B)	<0.002	<0.002	0.000556(J)
	12/17/2018	<0.002	0.00285	0.221	<0.002	<0.001	1.62	0.000724(J)	<0.002	0.000601(J)
	6/17/2019	<0.002	0.00415	0.22	<0.002	<0.001	1.48	<0.002	<0.002	0.00137(BJ)
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<0.002	0.00252	0.182	<0.002	<0.001	0.936(J)	0.00129(BJ)	<0.002	0.00175(J)
	6/3/2020	<0.004	0.00148(J)	0.17	<0.002	<0.001	0.974(J)	<0.002	<0.002	<0.005
	12/9/2020	0.00131(J)	0.00251	0.207	<0.002	<0.001	1.12(B)	<0.002	0.000312(J)	<0.005
	6/15/2021	<0.004	0.00198(J)	0.158	<0.002	<0.001	1.18	0.00127(J)	0.000239(J)	<0.005
	12/7/2021	<0.004	0.00471	0.221	<0.002	<0.001	1.14	<0.002	0.00021(J)	<0.005
MW-20	upgradient									
	4/3/2013	<0.001	0.0026	0.11	<0.001	<0.0005	3.8	<0.002	0.00049(J)	0.003

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		Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)
MW-20 (cont.)	6/12/2013	<0.001	0.0036	0.2	<0.001	<0.0005	4.5	<0.002	0.00083(J)	0.0015(J)
	9/26/2013	<0.001	0.014	0.15	<0.001	<0.0005	3.3(B)	<0.002	0.0011	0.0012(J)
	12/12/2013	<0.005	0.007	0.12	<0.001	<0.0025	3.1	<0.01	0.00038(J)	0.0017(J)
	3/19/2014	0.00023(J)	0.012	0.092	0.00021(J)	<0.0005	3.4	<0.002	0.00066(J)	<0.002
	6/25/2014	0.00031(J)	0.011	0.11	<0.001	<0.0005	3.8	<0.002	0.00033(J)	0.0009(J)
	9/18/2014	<0.001	0.011	0.076	<0.001	<0.0005	2.4	0.00054(BJ)	0.00097(J)	0.0012(J)
	12/16/2014	<0.002	0.0036	0.1	<0.002	<0.001	5.5(J)	0.0011(J)	0.00052(J)	0.0026(J)
	9/24/2015	<0.002	0.00756	0.0963	<0.002	<0.001	4.46	0.000571	0.00067	0.00145
	2/18/2016	0.000259(J)	0.00518	0.0952	<0.002	<0.001	3.69	0.000846(J)	0.000356(J)	0.00166(J)
	8/29/2016	<0.002	0.0058	0.0907	<0.002	<0.001	3.47	0.00123(BJ)	0.000312(J)	0.0024(BJ)
	5/22/2017	<0.002	0.00417	0.106	0.000128(J)	<0.001	3.42	0.00146(BJ)	0.00048(J)	0.00229(J)
	11/16/2017	<0.002	0.00183(J)	0.0652	<0.002	<0.001	6.4	0.000694(J)	<0.002	0.00228(J)
	6/12/2018	<0.002	0.00394	0.106	<0.002	<0.001	3.03	0.00114(J)	0.000361(J)	0.00272(J)
MW-21	upgradient									
	11/5/2015	<0.002	0.0215	0.434	<0.002	<0.001	10.1	<0.002	<0.002	<0.005
	2/11/2016	<0.002	0.0289	0.49	<0.002	<0.001	6.06	0.000684(J)	<0.002	0.00155(J)
	5/18/2016	<0.002	0.0272	12.7(R)	<0.002	<0.001	6.6	<0.002	<0.002	<0.005
	8/25/2016	0.000791(BJ)	0.0296	0.41	<0.002	<0.001	5.57	0.000858(BJ)	<0.002	<0.005
	11/30/2016	<0.002	0.0303	0.483	<0.002	<0.001	5.43	<0.002	<0.002	0.00056(J)
	3/1/2017	<0.002	0.00803	0.14	<0.002	<0.001	5.46	0.00124(J)	<0.002	0.00446(J)
	5/18/2017	<0.002	0.0277	0.417	<0.002	<0.001	5.85	<0.002	<0.002	<0.005
	8/17/2017	<0.002	0.0272	0.452	<0.002	<0.001	5.11	<0.002	<0.002	<0.005
	11/14/2017	<0.002	0.027	0.446	<0.002	<0.001	6.29	<0.002	<0.002	<0.005
	6/11/2018	<0.002	0.0264	0.409	<0.002	<0.001	4.85	<0.002	<0.002	0.000935(J)
	12/17/2018	<0.002	0.003	0.172	<0.002	<0.001	2.86	<0.002	<0.002	0.000632(J)
	6/18/2019	<0.002	0.0307	0.436	<0.002	<0.001	3.76	<0.002	<0.002	0.000871(BJ)
	12/4/2019	<0.002	0.0132	0.254	<0.002	<0.001	2.94	0.00159(BJ)	<0.002	0.00082(J)

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Historical Database, Mississippi County Class 1 Landfill

		Antimony (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chloride (mg/l)	Chromium (mg/l)	Cobalt (mg/l)	Copper (mg/l)
MW-21 (cont.)	6/3/2020	<0.004	0.0209	0.387	<0.002	<0.001	3.45	<0.002	<0.002	<0.005
	12/9/2020	<0.004	0.0301	0.472	<0.002	<0.001	3.47(B)	<0.002	<0.002	<0.005
	6/15/2021	<0.004	0.024	0.366	<0.002	<0.001	3.1	0.00213	8.98E-05(J)	<0.005
	9/8/2021	n/a	n/a	n/a	n/a	n/a	n/a	0.0013(J)	n/a	n/a
	12/7/2021	<0.004	0.0292	0.443	<0.002	<0.001	3.22	<0.002	<0.002	<0.005
MW-22	upgradient									
	11/4/2015	<0.002	0.0114	0.274	<0.002	<0.001	3.11	<0.002	<0.002	<0.005
	2/11/2016	<0.002	0.0269	0.453	<0.002	<0.001	2.78	0.00137(J)	0.000381(J)	0.00261(J)
	5/18/2016	<0.002	0.0299	0.392	<0.002	<0.001	3.57	<0.002	<0.002	0.00063(J)
	8/25/2016	<0.002	0.0338	0.394	<0.002	<0.001	3.77	0.000906(BJ)	<0.002	<0.005
	11/30/2016	<0.002	0.0151	0.261	<0.002	<0.001	2.23	<0.002	<0.002	<0.005
	3/1/2017	<0.002	0.00698	0.134	<0.002	<0.001	1.54	0.00104(J)	0.00177(J)	0.00089(J)
	5/17/2017	<0.002	0.0328	0.377	<0.002	<0.001	3.47	<0.002	<0.002	<0.005
	8/16/2017	<0.002	0.0133	0.237	<0.002	<0.001	1.38	0.000768(J)	<0.002	<0.005
	11/13/2017	<0.002	0.0125	0.245	<0.002	<0.001	2.01	0.000788(J)	<0.002	0.00109(J)
	6/11/2018	<0.002	0.0124	0.231	<0.002	<0.001	1.43(B)	0.000794(J)	0.00054(J)	0.00154(J)
	12/11/2018	<0.002	0.0345	0.364	<0.002	<0.001	1.98(B)	0.00132(J)	<0.002	0.00145(J)
	6/17/2019	<0.002	0.0329	0.378	<0.002	<0.001	3.14	<0.002	<0.002	0.000821(BJ)
	12/4/2019	<0.002	0.0311	0.366	<0.002	<0.001	2.16	0.00121(BJ)	<0.002	0.000573(J)
	6/3/2020	<0.004	0.0374	0.426	<0.002	<0.001	2.45	<0.002	<0.002	<0.005
	12/9/2020	<0.004	0.031	0.394	<0.002	<0.001	2.08(B)	<0.002	6.44E-05(J)	0.00155(J)
	6/14/2021	<0.004	0.0331	0.331	<0.002	<0.001	1.27	0.00133(J)	6.4E-05(J)	<0.005
	12/7/2021	<0.004	0.033	0.397	<0.002	<0.001	3.2	<0.002	6.88E-05(J)	<0.005
MW-23	upgradient									
	11/4/2015	<0.002	0.00592	0.213	<0.002	<0.001	4.05	<0.002	0.000424	<0.005
	2/11/2016	<0.002	0.0161	0.451	<0.002	<0.001	4.97	0.000767(J)	0.00113(J)	0.00209(J)
	5/18/2016	<0.002	0.0181	0.593	<0.002	<0.001	4.69	<0.002	0.00138(J)	0.00108(J)

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MW-23 (cont.)	8/25/2016	<0.002	0.00864	0.22	<0.002	<0.001	4.3	0.0009(BJ)	0.000478(J)	<0.005
	11/30/2016	<0.002	0.00815	0.221	<0.002	<0.001	4.31	<0.002	0.000509(J)	<0.005
	3/1/2017	<0.002	0.0106	0.246	<0.002	<0.001	4.93	<0.002	0.000611(J)	<0.005
	5/17/2017	<0.002	0.0134	0.265	<0.002	<0.001	4.58	<0.002	0.000966(J)	<0.005
	8/16/2017	<0.002	0.00901	0.218	<0.002	<0.001	4.27	<0.002	0.000528(J)	<0.005
	11/13/2017	<0.002	0.0101	0.221	<0.002	<0.001	4.75	<0.002	0.000434(J)	0.000551(J)
	6/11/2018	<0.002	0.0118	0.261	<0.002	<0.001	4.17	<0.002	0.000877(J)	0.00257(J)
	12/11/2018	<0.002	0.0141	0.25	<0.002	<0.001	3.87(B)	0.000812(J)	0.000983(J)	0.00191(J)
	6/17/2019	<0.002	0.0201	0.454	<0.002	<0.001	4.12	<0.002	0.00158(J)	0.0026(BJ)
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	0.00186(J)	0.0132	0.244	0.000227(J)	0.000376(J)	4.24	0.00163(BJ)	0.000976(J)	0.00068(J)
	6/3/2020	<0.004	0.0195	0.449	<0.002	<0.001	4.41	<0.002	0.00141(J)	<0.005
	12/9/2020	<0.004	0.0092	0.274	<0.002	<0.001	4.47(B)	<0.002	0.000956(J)	0.00189(J)
	6/14/2021	<0.004	0.0083	0.283	<0.002	<0.001	3.97	<0.002	0.000818(J)	<0.005
	12/7/2021	<0.004	0.00769	0.26	<0.002	<0.001	5.32	<0.002	0.000894(J)	<0.005
MW-24	upgradient									
	11/5/2015	<0.002	0.0481	0.267	<0.002	<0.001	6.86	<0.002	0.000664	<0.005
	2/10/2016	0.000333(J)	0.055	0.309	<0.002	<0.001	4.88	0.000744(J)	0.000858(J)	0.00156(J)
	5/19/2016	<0.002	0.0572	0.3	<0.002	<0.001	4.82	<0.002	0.000888(J)	<0.005
	8/28/2016	<0.002	0.0545	0.304	<0.002	<0.001	4.82	0.000848(BJ)	0.00107(J)	<0.005
	11/30/2016	<0.002	0.0519	0.298	<0.002	<0.001	5.19	0.000704(J)	0.00102(J)	<0.005
	3/2/2017	<0.002	0.0476	0.289	<0.002	<0.001	5.27	<0.002	0.000909(J)	0.000597(J)
	5/18/2017	<0.002	0.0532	0.285	<0.002	<0.001	5.13	<0.002	0.00105(J)	<0.005
	8/17/2017	<0.002	0.0562	0.313	<0.002	<0.001	4.73	<0.002	0.00107(J)	<0.005
	11/14/2017	<0.002	0.05	0.311	<0.002	<0.001	6.01	<0.002	0.000995(J)	<0.005
	6/12/2018	<0.002	0.0622	0.292	<0.002	<0.001	4.74	<0.002	0.000988(J)	<0.005
	12/17/2018	<0.002	0.0521	0.332	<0.002	<0.001	4.54	<0.002	0.00106(J)	<0.005

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MW-24 (cont.)	6/19/2019	<0.002	0.0304	0.29	<0.002	<0.001	4.33	<0.002	0.00128(J)	<0.005
	9/24/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<0.002	0.053	0.334	<0.002	<0.001	4	0.00127(BJ)	0.00107(J)	0.00121(J)
	6/10/2020	<0.004	0.0498	0.36	<0.002	<0.001	4.64	<0.002	0.00118(J)	<0.005
	9/14/2020	n/a	n/a	0.345	n/a	n/a	n/a	n/a	n/a	n/a
	12/10/2020	<0.004	0.0529	0.365	<0.002	<0.001	4.46(B)	<0.002	0.0012(J)	0.00223(J)
	3/9/2021	n/a	n/a	0.369	n/a	n/a	n/a	n/a	n/a	n/a
	6/15/2021	<0.004	0.0437	0.314	<0.002	<0.001	4.15	<0.002	0.00112(J)	<0.005
	12/7/2021	<0.004	0.0554	0.378	<0.002	<0.001	4.74	<0.002	0.00119(J)	<0.005
LEACHATE#1	downgradient									
	4/14/2010	0.005	0.28	3.6	<0.00012	<0.00016	1300	0.059	0.034	0.0047
	10/12/2010	0.0029	0.21	2.7	<0.001	<0.0005	1100	0.048	0.031	0.0037
	4/13/2011	0.0021	0.17	2.6	<0.001	<0.0005	2200	0.036	0.027	0.0036
	12/6/2011	0.0021	0.24	3.2	<0.001	<0.0005	1200	0.045	0.034	0.0042
	5/8/2012	0.0016	0.33	4.2	<0.005	<0.0005	1300	0.065	0.037	0.0022
	10/8/2012	0.0031(J)	0.18	1.3(B)	<0.005	<0.0025	1400	0.042	0.043	0.0039(J)
	3/20/2013	0.0008(J)	0.18	1.9	<0.001	<0.0005	1300	0.044	0.035	0.0018(J)
	9/26/2013	0.00069(J)	0.14	1.7	<0.001	<0.0005	1300(B)	0.024	0.019	0.0028
	3/19/2014	0.0011	0.16	1.5	0.00023(J)	<0.0005	1300	0.033	0.025	0.014
	9/17/2014	<0.01	0.28	2.9	<0.01	<0.005	1500	0.079(B)	0.047	<0.02
	3/25/2015	0.0011(J)	0.046	0.31	<0.002	<0.001	160	0.0067	0.005	0.016
	9/24/2015	0.000892	0.0396	0.402	<0.002	<0.001	1650	0.0117	0.00732	0.00906
	2/19/2016	0.00438(J)	0.372	6.62	<0.018	<0.009	1350	0.0774	0.0454	0.00678(J)
	8/29/2016	<0.018	0.308	3.31	<0.018	<0.009	1460	0.0808	0.0506	0.00701(BJ)
	3/6/2017	0.00213	1.02	26.3	0.000294(J)	0.000269(J)	1410	0.0998	0.0382	0.00387(J)
	9/1/2017	0.00264	0.0785	1.54	<0.002	<0.001	1450	0.0185	0.026	0.0146
	6/13/2018	0.00103(J)	0.0763	1.61	<0.002	<0.001	1190	0.0155	0.0234	0.012

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LEACHATE#1 (cont.)	12/20/2018	0.0015(J)	0.194	2.42	<0.002	<0.001	1350	0.0458	0.0348	0.00252(J)
	6/20/2019	0.00154(J)	0.104	1.68	<0.002	<0.001	1480	0.0352	0.0322	0.000697(J)
	12/5/2019	0.00102(J)	0.0582	1.24	<0.002	<0.001	1140	0.0204	0.0216	0.0012(BJ)
	6/10/2020	0.0025(J)	0.704	10.5	<0.002	<0.001	1640	0.0755	0.0443	0.0405
	12/11/2020	0.00132(J)	0.127	1.93	<0.002	<0.001	1450	0.0387	0.0358	0.00227(J)
	6/17/2021	0.00176(J)	0.494	5.41	<0.002	<0.001	1500	0.0631	0.0389	0.00388(J)
	12/10/2021	<0.02	0.173	2	<0.01	<0.005	1750	0.0447	0.0439	<0.025
LEACHATE#2	downgradient									
	6/13/2018	<0.002	0.01	0.359	<0.002	<0.001	87.8	0.00255	0.0023	0.00197(J)
	12/20/2018	0.000926(J)	0.0146	0.521	<0.002	<0.001	256	0.00494	0.00403	0.0027(J)
	6/20/2019	0.00133(J)	0.0525	1.36	<0.002	<0.001	551	0.00649	0.00993	0.000852(J)
	12/5/2019	0.00113(J)	0.0407	1.29	<0.002	<0.001	591	0.00848(B)	0.0134	0.00142(BJ)
	6/10/2020	<0.004	0.386	19.5	<0.002	<0.001	674	0.028	0.03	0.0153
	12/11/2020	<0.004	0.0926	1.81	<0.002	<0.001	622(B)	0.00907	0.0195	<0.005
	6/17/2021	<0.004	0.0736	1.07	<0.002	<0.001	15.1	0.00241	0.00346	<0.005
	12/10/2021	0.00272(J)	0.207	3.89	<0.002	<0.001	587	0.0117	0.0161	0.00461(BJ)

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MW-1	downgradient										
	10/27/1993	n/a	<0.025	0.016(R)	<0.01	<0.05	<0.003	n/a	n/a	<0.05	n/a
	3/15/1994	7.95	0.062	2.17	0.013	<0.025	<0.004	45.5	329	<0.01	3.6
	6/14/1994	7.71	0.028	2.27	<0.01	<0.025	<0.004	39.9	406	<0.01	8.6
	9/15/1994	8.73	0.064	2.34	<0.01	<0.025	<0.004	48.9	348	<0.01	3.1
	12/22/1994	7.16	<0.01	2	<0.01	<0.025	<0.004	36.6	295	<0.01	3.7
	6/2/1995	7.41	<0.01	2.3	<0.01	<0.025	<0.004	35.3	338	<0.01	3.3
	12/14/1995	8.86	0.044	2.1	<0.01	<0.025	<0.004	33.6	302	<0.01	1.95
	6/13/1996	8.2	<0.04	2.2	<0.01	<0.07	<0.007	27	330	<0.04	1.5
	11/26/1996	2.7(R)	<0.04	1.9	<0.01	<0.07	<0.007	32	320	<0.04	1.9
	4/23/1997	12	<0.04	3	<0.01	<0.07	<0.007	21	320	<0.04	1.4
	10/8/1997	8.5	<0.001	2.2	<0.01	<0.002	<0.007	34	360	<0.001	2.8
	4/13/1998	9.6	<0.001	2.2	<0.01	<0.002	<0.007	30	360	<0.001	4.2
	11/5/1998	9.1	<0.001	2.2	<0.01	<0.005	<0.007	34	360	<0.001	2.6
	4/1/1999	10	<0.001	2.4	<0.01	<0.005	<0.007	32	410	<0.001	2
	10/22/1999	11	<0.001	2.4	<0.01	<0.005	<0.007	33	380	<0.001	2.2
	5/10/2000	10	<0.001	2.8	<0.01	<0.005	<0.007	32	380	<0.001	2.3
	10/12/2000	12	<0.001	2.7	<0.01	<0.005	<0.007	32	400	<0.001	1.7
	4/26/2001	9.6	<0.001	2.5	<0.01	<0.005	<0.007	35	430	0.0034	1.8
	10/26/2001	12	<0.001	3	<0.01	<0.005	<0.007	36	400	0.0028	1.9
	4/10/2002	12	<0.001	2.8	<0.01	<0.005	<0.007	37	410	<0.001	1.8
	11/6/2002	12	<0.001	2.7	<0.01	<0.05	<0.007	40	410	<0.001	2
	4/18/2003	12	<0.001	2.9	<0.01	<0.005	<0.007	41	450	<0.001	1.9
	11/5/2003	10	<0.001	2.5	<0.01	<0.005	<0.007	43	420	<0.001	2.1
	4/29/2004	12	<0.001	2.4	0.012	<0.005	<0.007	44	440	<0.001	2.3
	10/20/2004	12	<0.001	2.8	<0.01	<0.005	<0.007	38	440	<0.001	2.3
	4/27/2005	12	<0.001	2.3	<0.01	<0.005	<0.007	41	460	<0.001	2.8

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Historical Database, Mississippi County Class 1 Landfill

		Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Thallium (mg/l)	TOC (mg/l)
MW-1 (cont.)	10/4/2005	12	<0.001	3	<0.01	<0.005	<0.007	41	470	<0.001	1.9
	4/26/2006	11	<0.001	2.9	<0.01	<0.005	<0.007	47	440	<0.001	2.1
	10/3/2006	11	<0.001	2.5	<0.01	<0.005	<0.007	47	400	<0.001	1.9
	4/11/2007	11	<0.001	2.7	<0.01	<0.005	<0.007	41	440	<0.001	2.6
	10/4/2007	12	0.0066	3.1	<0.01	<0.005	<0.007	34	470	<0.001	2.7
	4/21/2008	10	<0.005	2.7	<0.02	<0.001	<0.01	36	400	<0.001	3.1
	10/9/2008	10	<0.005	2.3	<0.02	<0.001	<0.01	31	350	<0.001	4.3
	6/11/2009	10	<0.005	2.6	<0.02	<0.001	<0.01	37	400	<0.001	4.6
	11/12/2009	10	<0.005	2.7	<0.02	<0.001	<0.01	37	380	<0.001	3.8
	4/13/2010	9.9	<0.00024	2.6	0.0026	<0.00038	<0.00031	42	390(B)	<0.00019	6
	10/11/2010	11	0.00053(J)	2.1	0.0026	0.00067(J)	<0.001	29	350(B)	0.00019(J)	2.6
	4/12/2011	9.4	<0.001	2.6	0.00084(J)	<0.001	<0.001	35	390	<0.001	1.4
	12/6/2011	10	0.00057	2.6	0.0043	0.0012	<0.001	35	380	<0.001	2.4
	5/7/2012	9.7	0.00031(J)	2.8	0.0024	0.00056(J)	<0.001	2(J)	440	<0.001	11
	10/8/2012	8.4	<0.001	2.6	0.0055	<0.001	<0.001	31	380	<0.001	1.8
	3/19/2013	7.7	<0.001	2.4	0.0022	0.00044(J)	<0.001	36	380	<0.001	1.8
	9/24/2013	7.4	<0.001	2.6	<0.005	0.00081(J)	<0.001	36(B)	390	<0.001	1.8
	3/18/2014	8.5	<0.001	2.6	0.0034	0.0018	<0.001	41	380	<0.001	1.9
	9/16/2014	12	0.0047	2.7(B)	0.0038	0.004	<0.001	36	390	0.00026(J)	2.1
	3/24/2015	4.8	<0.002	1.6	0.0054	<0.002	<0.002	48	360	<0.002	3.6
	9/24/2015	10.1	0.000768	2.82	0.001	<0.002	<0.002	30.3	476	<0.002	2.99
	2/9/2016	8.94	<0.002	2.72	0.000674(BJ)	<0.002	<0.002	44.8	392	<0.002	1.89
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/25/2016	10.1	0.000941(BJ)	2.61	0.0024(B)	<0.002	<0.002	29.6	451	<0.002	2.19
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	437(B)	n/a	n/a
	3/6/2017	8.36	<0.002	2.55	0.000753(J)	<0.002	<0.002	50.3	400	<0.002	2.26
	5/24/2017	9.57	<0.002	2.49	0.000983(J)	<0.002	<0.002	46.5	442	<0.002	3.15

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Historical Database, Mississippi County Class 1 Landfill

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MW-1 (cont.)	9/1/2017	11.6	0.00114(J)	3.11	0.00213	<0.002	<0.002	50.8	519	<0.002	3.9
	11/17/2017	10.4	<0.002	2.89	0.00238	<0.002	<0.002	38.5	493	<0.002	3.86
	3/14/2018	12.4	<0.002	2.91	0.00254	<0.002	<0.002	47.1	512	<0.002	3.86
	6/14/2018	12.9	0.000893(BJ)	2.97	0.00436	<0.002	<0.002	42.8	544	<0.002	4.74
	9/13/2018	12.6	<0.002	3.11	0.00306	<0.002	<0.002	36.9	533	<0.002	4.37(B)
	12/13/2018	12.4	0.000291(J)	3.01	0.00304	<0.002	<0.002	34.5	492	<0.002	3.75
	3/18/2019	15.3	<0.002	3.15	0.0039	<0.002	<0.002	41	557	<0.002	4.54
	6/14/2019	13	<0.002	3.31	0.00524	<0.002	<0.002	44.3	607	<0.002	6.83
	9/24/2019	15.5	0.000347(J)	3.69	0.00514	<0.002	<0.002	39.7	560	<0.002	4.98
	12/3/2019	10.5	<0.002	2.92	0.0029	<0.002	<0.002	37.2	498	<0.002	3.88
	3/13/2020	14	0.0003(J)	3.17	0.00488	<0.002	<0.002	42.4	565	<0.002	4.78
	6/3/2020	11.8	<0.005	3.2	0.0048	<0.002	<0.002	41	503	<0.002	4.4
	9/15/2020	15.6	<0.005	3.57	0.00563	<0.002	<0.002	33.2	609(B)	<0.002	4.69
	12/8/2020	12.3	<0.002	3.39	0.00399	<0.002	<0.002	36.3	533	<0.002	3.54
	3/11/2021	14.1	<0.002	3.05	0.00408	<0.002	<0.002	37.5	548	<0.002	4.22
	6/17/2021	8.63	<0.002	2.94	0.00215	<0.002	<0.002	37.6	475	<0.002	3.3(B)
	9/10/2021	13.4	<0.002	3.16	0.00477	<0.002	<0.002	19.9	578	<0.002	5.59
	12/10/2021	17.3	0.00747	3.6	0.00574	<0.002	0.000101(J)	33.6	599	<0.002	4.42
MW-2	upgradient										
	10/27/1993	n/a	<0.025	1.21	<0.01	<0.05	<0.003	n/a	n/a	<0.05	n/a
	3/15/1994	17.7	0.052	1.16	<0.01	<0.025	<0.004	51.7	431	<0.01	5.3
	6/14/1994	19.7	0.039	1.5	<0.01	<0.025	<0.004	57	461	<0.01	8.8
	9/15/1994	17.4	0.056	1.78	<0.01	<0.025	<0.004	68.5	486	0.016	3.7
	12/22/1994	18.5	<0.01	1.21	<0.01	<0.025	<0.004	56.5	422	0.018	2.5
	6/2/1995	19.4	<0.01	1.49	<0.01	<0.025	<0.004	58.9	468	<0.01	4.3
	12/14/1995	24	0.06	1.38	<0.01	0.071	<0.004	47.6	437	<0.01	2.72
	6/13/1996	17	<0.04	1.6	<0.01	<0.07	<0.007	47	480	<0.04	1.7

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MW-2 (cont.)	11/26/1996	20	<0.04	1.2	<0.01	<0.07	<0.007	45	480	<0.04	1.9
	4/23/1997	12	<0.04	1.6	<0.01	<0.07	<0.007	39	440	<0.04	2.1
	10/8/1997	18	<0.001	1.5	<0.01	<0.002	<0.007	54	450	<0.001	3.8
	4/13/1998	21	<0.001	1.2	<0.01	<0.002	<0.007	45	480	<0.001	5.3
	11/5/1998	20	<0.001	1.5	<0.01	<0.005	<0.007	49	510	<0.001	4
	4/1/1999	20	<0.001	1.2	<0.01	<0.005	<0.007	48	540	<0.001	2.7
	10/22/1999	19	<0.001	1.5	<0.01	<0.005	<0.007	62	490	<0.001	3.2
	5/10/2000	24	<0.001	1.5	<0.01	<0.005	<0.007	51	480	<0.001	3.2
	10/12/2000	21	<0.001	1.4	<0.01	<0.005	<0.007	64	500	<0.001	2.6
	4/26/2001	20	<0.001	1.1	<0.01	<0.005	<0.007	48	510	<0.001	2.5
	10/26/2001	22	<0.001	1.1	<0.01	<0.005	<0.007	67	520	<0.001	2.7
	4/10/2002	20	<0.001	1.1	<0.01	<0.005	<0.007	60	530	<0.001	2.5
	11/6/2002	22	<0.001	1.2	<0.01	<0.005	<0.007	65	500	<0.001	2.6
	4/18/2003	22	<0.001	1.4	<0.01	<0.005	<0.007	66	520	<0.001	2.6
	11/5/2003	19	<0.001	1.2	0.018	<0.005	<0.007	66	570	<0.001	3.1
	4/29/2004	13	<0.001	0.95	0.012	<0.005	<0.007	60	500	<0.001	3.2
	10/20/2004	19	<0.001	1.2	<0.01	<0.005	<0.007	62	520	<0.001	2.5
	4/27/2005	13	<0.001	0.93	<0.01	<0.005	<0.007	47	480	<0.001	2.7
	10/4/2005	18	<0.001	1.6	<0.01	<0.005	<0.007	57	550	<0.001	2.5
	4/26/2006	20	<0.001	1.3	<0.01	<0.005	<0.007	48	520	<0.001	2.6
	10/3/2006	19	<0.001	1.7	<0.01	<0.005	<0.007	61	540	<0.001	2.7
	4/11/2007	16	<0.001	1.4	<0.01	<0.005	<0.007	62	580	<0.001	3.3
	10/4/2007	20	<0.001	1.9	<0.01	<0.005	<0.007	66	560	<0.001	3
	4/21/2008	18	<0.005	1.2	<0.02	<0.001	<0.01	77	520	<0.001	3.1
	10/9/2008	16	<0.005	1.3	<0.02	<0.001	<0.01	58	450	<0.001	4.3
	6/11/2009	15	<0.005	1.2	<0.02	<0.001	<0.01	92	520	<0.001	4.6
	11/12/2009	12	<0.005	1.1	<0.02	<0.001	<0.01	89	470	<0.001	4.6

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MW-2 (cont.)	4/13/2010	18	<0.00024	1.2	0.003	0.00047(J)	<0.00031	71	470(B)	<0.00019	2.9
	10/11/2010	23	0.00086(J)	1.6	0.003	0.00099(J)	<0.001	59	550(B)	0.00019(J)	3.9
	4/12/2011	22	<0.001	1.7	0.00099(J)	<0.001	<0.001	76	530	<0.001	2.3
	12/6/2011	29	<0.001	1.8	0.0039	0.00095	<0.001	48	540	<0.001	6.8
	5/7/2012	20	0.00052(J)	1.6	0.0033	0.001	<0.001	63	550	<0.001	14
	10/8/2012	26	<0.001	1.7	0.0057	<0.001	<0.001	48	520	<0.001	5.5
	3/19/2013	22	<0.001	2.1	0.0039	0.00064(J)	<0.001	90	560	<0.001	4.7
	9/24/2013	18	<0.001	3	0.018(O)	0.0011	<0.001	230(B)	750	<0.001	3.5
	3/18/2014	21	<0.001	1.8	0.0032	0.0014	<0.001	100	560	<0.001	2.4
	9/16/2014	20	0.0015	2.5(B)	0.0041	0.0025	<0.001	120	570	0.00031(J)	2.5
	3/24/2015	0.37	<0.002	0.058	<0.002	<0.002	<0.002	210	660	<0.002	4.4
	9/23/2015	15.1	0.000682	2	0.0006	<0.002	<0.002	96	554	<0.002	3.29
	2/9/2016	18.3	<0.002	1.38	0.000833(BJ)	<0.002	<0.002	71.4	446	<0.002	2.33
	8/24/2016	17.7	<0.002	1.61	0.00136(BJ)	0.00244	<0.002	86.8	536(B)	<0.002	2.4
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	106	n/a	n/a	n/a
	3/3/2017	0.0817(J)	<0.002	0.0267	0.000622(J)	0.00164(J)	<0.002	20.6	282	<0.002	5.55
	5/23/2017	6.17	<0.002	1.58	0.000696(J)	<0.002	<0.002	83.7	521	<0.002	3.17
	8/31/2017	1.15	0.000676(J)	1.37	0.000597(J)	<0.002	<0.002	130	571	<0.002	3.24
	11/17/2017	10.4	<0.002	2.1	0.00102(J)	<0.002	<0.002	91.8	547	<0.002	2.68
	3/12/2018	0.48	<0.002	0.539	0.000593(J)	0.000515(J)	<0.002	52.1	473	<0.002	2.51
	6/13/2018	5.56	0.00222(B)	1.08	0.00071(J)	<0.002	<0.002	40.9	457	<0.002	2.86(B)
	9/12/2018	11.9	<0.002	1.97	0.000951(J)	<0.002	<0.002	89.4	507	<0.002	2.57(B)
	12/12/2018	2.45	<0.002	0.656	0.0011(J)	<0.002	<0.002	64.5	266	<0.002	2.92
	3/12/2019	3.28	<0.002	1.27	0.000788(J)	<0.002	<0.002	75.1	455	<0.002	2.55(B)
	6/12/2019	14.4	0.00031(BJ)	1.49	0.000698(J)	<0.002	<0.002	68.8	515	<0.002	2.23(B)
	9/24/2019	8.98	<0.002	1.66	0.00101(J)	<0.002	<0.002	87.4	447	<0.002	2.33(B)
	12/3/2019	6.81	<0.002	1.53	0.00104(J)	<0.002	<0.002	72	428	<0.002	2.75(B)

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MW-2 (cont.)	3/12/2020	8.18	0.000348(J)	1.5	0.00114(J)	<0.002	<0.002	63.2	466	<0.002	2.05
	6/2/2020	11.1	<0.005	1.55	<0.002	<0.002	<0.002	42.3	435	<0.002	1.91
	9/14/2020	10.3	<0.005	1.99	0.00127(J)	<0.002	<0.002	78.9	475(B)	<0.002	2.28(B)
	12/8/2020	18.4	<0.002	2.36	0.00141(J)	<0.002	<0.002	92.8	555	<0.002	2.16
	3/11/2021	0.156	<0.002	0.0765	<0.002	0.000498(J)	<0.002	88.7	560	<0.002	3.07(B)
	6/17/2021	2.98	<0.002	1.64	0.000854(J)	<0.002	<0.002	96.3	562	<0.002	2.63(B)
	9/9/2021	12.2	<0.002	1.7	0.0012(J)	0.00111(J)	<0.002	89.4	576	<0.002	2.43(B)
	12/9/2021	19.7	<0.002	2.29	0.00206	<0.002	<0.002	69.7	589	<0.002	2.68
MW-3	downgradient										
	10/27/1993	n/a	<0.025	1.25	<0.01	<0.05	<0.003	n/a	n/a	<0.05	n/a
	3/15/1994	15.6	0.072	1.33	<0.01	<0.025	<0.004	23.9	314	0.015	5.6
	6/14/1994	15.5	0.038	1.18	<0.01	<0.025	<0.004	9.84	352	<0.01	9.1
	9/15/1994	15.7	0.065	1.26	<0.01	<0.025	<0.004	26.3	320	0.013	3.2
	12/22/1994	13.4	<0.01	1.3	<0.01	<0.025	<0.004	27.4	347	<0.01	3
	6/2/1995	13	<0.01	1.35	<0.01	<0.025	<0.004	31.6	340	<0.01	3.6
	12/14/1995	15.6	0.07	1.33	<0.01	0.029	<0.004	20.6	352	<0.01	2.3
	6/13/1996	15	<0.04	1.1	<0.01	<0.07	<0.007	30	320	<0.04	1.2
	11/26/1996	5.3	<0.04	0.85	<0.01	<0.07	<0.007	27	310	<0.04	1.8
	4/23/1997	18	<0.04	1.1	<0.01	<0.07	<0.007	22	320	<0.04	1.5
	10/8/1997	14	<0.001	1.3	<0.01	<0.002	<0.007	19	370	<0.001	3.5
	4/13/1998	14	<0.001	1.3	<0.01	<0.002	<0.007	22	370	<0.001	4.6
	11/5/1998	15	<0.001	1.5	<0.01	<0.005	<0.007	21	470	<0.001	3.8
	4/1/1999	15	<0.001	1.3	<0.01	<0.005	<0.007	20	410	<0.001	2.2
	10/22/1999	16	<0.001	1.3	<0.01	<0.005	<0.007	19	370	<0.001	2.7
	5/10/2000	18	<0.001	1.5	<0.01	<0.005	<0.007	16	380	<0.001	3
	10/12/2000	17	<0.001	1.2	<0.01	<0.005	<0.007	18	340	<0.001	2.1
	4/26/2001	14	<0.001	1.3	<0.01	<0.005	<0.007	15	380	<0.001	2.1

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Historical Database, Mississippi County Class 1 Landfill

		Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Thallium (mg/l)	TOC (mg/l)
MW-3 (cont.)	10/26/2001	18	<0.001	1	<0.01	<0.005	<0.007	16	330	<0.001	2
	4/10/2002	16	<0.001	1.2	<0.01	<0.005	<0.007	17	380	<0.001	2.1
	11/6/2002	16	<0.001	1.4	<0.01	<0.005	<0.007	24	390	<0.001	2.3
	4/18/2003	16	<0.001	1.6	<0.01	<0.005	<0.007	28	420	<0.001	2.3
	11/5/2003	13	<0.001	1.2	<0.01	<0.005	<0.007	33	460	<0.001	2.6
	4/29/2004	8.8	<0.001	1.5	<0.01	<0.005	<0.007	36	440	<0.001	2.3
	10/20/2004	19	<0.001	1.3	<0.01	<0.005	<0.007	27	400	<0.001	2.2
	4/27/2005	18	<0.001	1.2	<0.01	<0.005	<0.007	28	370	<0.001	2.3
	10/4/2005	22	<0.001	1.4	<0.01	<0.005	<0.007	29	410	<0.001	2.3
	4/26/2006	17	<0.001	1.4	<0.01	<0.005	<0.007	27	380	<0.001	2.2
	10/3/2006	19	<0.001	1.5	<0.01	<0.005	<0.007	27	360	<0.001	2.2
	4/11/2007	17	<0.001	1.4	<0.01	<0.005	<0.007	25	430	<0.001	2.6
	10/4/2007	22	<0.001	1.7	<0.01	<0.005	<0.007	23	410	<0.001	2.7
	4/21/2008	17	<0.005	1.4	<0.02	<0.001	<0.01	33	420	<0.001	5.5
	10/9/2008	19	<0.005	1.4	<0.02	<0.001	<0.01	20	400	<0.001	4.8
	6/11/2009	18	<0.005	1.4	<0.02	<0.001	<0.01	24	420	<0.001	16(O)
	11/12/2009	18	<0.005	1.7	<0.02	<0.001	<0.01	33	480	<0.001	6.5
	4/13/2010	16	<0.00024	1.3	0.0024	<0.00038	<0.00031	25	390(B)	<0.00019	3.7
	10/11/2010	25	0.0011	1.9	0.0025	0.00089(J)	<0.001	24	510(B)	0.00019(J)	2.1
	4/12/2011	25	<0.001	1.8	0.00067(J)	<0.001	<0.001	28	460	<0.001	2.6
	12/6/2011	23	<0.001	1.8	0.0025	0.0011	<0.001	32	490	<0.001	2.9
	5/7/2012	17	<0.001	1.6	0.0042	0.00075(J)	<0.001	38	540	<0.001	19(O)
	10/8/2012	25	<0.001	1.8	0.0014	<0.001	<0.001	28	440	<0.001	1.6
	3/20/2013	18	<0.001	1.6	0.0041	<0.001	<0.001	37	550	<0.001	2.4
	9/25/2013	18	<0.001	1.5	0.0029	0.0013	<0.001	32(B)	550	<0.001	2.2
	3/18/2014	16	<0.001	1.6	0.0037	0.0014	<0.001	69	540	<0.001	2.9
	9/16/2014	19	0.00062(J)	1.5(B)	0.0034	0.0023	<0.001	31	440	0.00026(J)	2.2

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Historical Database, Mississippi County Class 1 Landfill

		Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Thallium (mg/l)	TOC (mg/l)
MW-3 (cont.)	3/24/2015	12	<0.002	1.2	0.0022	<0.002	<0.002	79	540	<0.002	5.5
	9/21/2015	18.8	<0.002	1.58	0.0025	<0.002	<0.002	32.2	619	<0.002	3.87
	2/17/2016	15.1	<0.002	1.17	0.00166(J)	<0.002	<0.002	33.6	441	<0.002	2.19
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016	24.9	<0.002	1.46	0.00143(BJ)	0.00237	<0.002	27	501(B)	<0.002	2.04
	12/1/2016	25.4	n/a	n/a	n/a	n/a	n/a	n/a	470(B)	n/a	n/a
	3/6/2017	20.9	<0.002	1.54	0.00355	<0.002	<0.002	25.9	573	<0.002	2.59
	5/24/2017	20.8	<0.002	1.28	0.00137(J)	<0.002	<0.002	27.8	474	<0.002	3.3
	9/1/2017	20.1	0.000313(J)	1.61	0.0021	<0.002	<0.002	25.7	527	<0.002	3.13
	11/17/2017	20.3	<0.002	1.56	0.00193(J)	<0.002	<0.002	24.3	493	<0.002	2.75
	3/13/2018	9.05	0.000668(BJ)	0.705	0.00541	<0.002	<0.002	59.1	654	<0.002	2.77
	6/13/2018	27.2	0.00287(B)	1.56	0.00386	<0.002	<0.002	21.1	551	<0.002	3.42
	9/13/2018	10.9	<0.002	0.833	0.0092	<0.002	<0.002	30.4	700	<0.002	3.38(B)
	12/13/2018	4.16	<0.002	0.429	0.00869	<0.002	<0.002	58.9	688	<0.002	3.46
	3/18/2019	20	<0.002	1.27	0.00263	<0.002	<0.002	26.8	486	<0.002	2.73
	6/13/2019	23.7	<0.002	1.28	0.00284	<0.002	<0.002	31.2	429	<0.002	2.8(B)
	9/24/2019	14.7	<0.002	1.38	0.00638	<0.002	<0.002	22.1	588	<0.002	3.72(B)
	12/3/2019	6.61	<0.002	0.941	0.0106	<0.002	<0.002	45.4	770	<0.002	4.03
	3/13/2020	18.4	0.00027(J)	1.34	0.00337	<0.002	<0.002	28.1	469	<0.002	2.43
	6/2/2020	13.9	<0.005	1.21	0.00933	<0.002	<0.002	30.2	572	<0.002	3.34
	9/15/2020	22.7	<0.005	2.06	0.00594	<0.002	<0.002	25.6	593(B)	<0.002	3.65(B)
	12/8/2020	14.5	<0.002	1.74	0.013	<0.002	<0.002	25.5	774	<0.002	3.43
	3/11/2021	3.08	<0.002	0.697	0.0148	<0.002	<0.002	41.2	719	<0.002	3.29(B)
	6/17/2021	4.04	<0.002	0.634	0.0181	<0.002	<0.002	41	789	<0.002	4.4
	9/9/2021	18.7	<0.002	1.57	0.0107	<0.002	<0.002	25(B)	721	<0.002	3.76
	12/10/2021	18.9	<0.002	1.78	0.00955	<0.002	<0.002	28.4	652	<0.002	4.05
MW-4	downgradient										

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Historical Database, Mississippi County Class 1 Landfill

		Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Thallium (mg/l)	TOC (mg/l)
MW-4 (cont.)	10/27/1993	n/a	<0.025	1.42	<0.01	<0.05	<0.003	n/a	n/a	<0.05	n/a
	3/15/1994	14	0.059	1.2	0.022	<0.025	<0.004	48.7	326	<0.01	5.5
	6/14/1994	17.6	0.044	1.01	<0.01	<0.025	<0.004	35.9	309	<0.01	8.1
	9/15/1994	17	0.073	1.13	<0.01	<0.025	<0.004	47.9	354	0.017	3.8
	12/22/1994	17.2	<0.01	1.17	<0.01	<0.025	<0.004	45.6	328	0.018	3
	6/2/1995	18.8	<0.01	1.48	<0.01	<0.025	<0.004	52.5	369	<0.01	3.8
	12/14/1995	18.8	0.046	1.11	<0.01	0.092	<0.004	56	324	<0.01	2.3
	6/13/1996	16	<0.04	1.1	<0.01	<0.07	<0.007	40	340	<0.04	1.5
	11/26/1996	16	<0.04	1.1	<0.01	<0.07	<0.007	43	320	<0.04	1.8
	4/23/1997	16	<0.04	0.68	<0.01	<0.07	<0.007	16	270	<0.04	1.6
	10/8/1997	13	<0.001	0.68	0.011	<0.002	<0.007	27	230	<0.001	2.9
	4/13/1998	12	<0.001	0.67	<0.01	<0.002	<0.007	24	240	<0.001	3.4
	11/5/1998	12	<0.001	0.62	<0.01	<0.005	<0.007	25	240	<0.001	2.8
	4/1/1999	9.9	<0.001	0.55	<0.01	<0.005	<0.007	22	250	<0.001	2.3
MW-4R	downgradient										
	10/22/1999	19	<0.001	2	<0.01	<0.005	<0.007	62	440	<0.001	2.8
	5/10/2000	24	<0.001	2.1	<0.01	<0.005	<0.007	66	430	<0.001	2.8
	10/12/2000	18	<0.001	1.8	<0.01	<0.005	<0.007	60	460	<0.001	2.4
	4/26/2001	13	<0.001	1.9	<0.01	<0.005	<0.007	72	500	<0.001	2.1
	10/26/2001	13	<0.001	1.4	<0.01	<0.005	<0.007	64	460	<0.001	2.2
	4/10/2002	18	<0.001	2	<0.01	<0.005	<0.007	55	450	<0.001	2.1
	11/6/2002	21	<0.001	1.8	<0.01	<0.005	<0.007	57	440	<0.001	2
	4/18/2003	18	<0.001	2	<0.01	<0.005	<0.007	60	420	<0.001	2.3
	11/5/2003	17	<0.001	1.4	<0.01	<0.005	<0.007	67	500	<0.001	2.5
	4/29/2004	19	<0.001	1.7	0.016	<0.005	<0.007	64	470	<0.001	2.5
	10/20/2004	19	<0.001	1.7	<0.01	<0.005	<0.007	61	440	<0.001	2.3
	4/27/2005	20	<0.001	1.8	<0.01	<0.005	<0.007	69	460	<0.001	2.7

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MW-4R (cont.)	10/4/2005	24	<0.001	2	<0.01	<0.005	<0.007	76	560	<0.001	2.6
	4/26/2006	21	<0.001	2	<0.01	<0.005	<0.007	86	550	<0.001	3
	10/3/2006	24	<0.001	2.3	<0.01	<0.005	<0.007	90	570	<0.001	4.3
	4/11/2007	23	<0.001	2.4	<0.01	<0.005	<0.007	91	630	<0.001	4.8
	10/4/2007	26	<0.001	2.5	<0.01	<0.005	<0.007	76	620	<0.001	6.3
	4/21/2008	25	<0.005	2.4	<0.02	<0.001	<0.01	63	530	<0.001	7.7
	10/9/2008	24	<0.005	2.2	<0.02	<0.001	<0.01	55	530	<0.001	10
MW-4R2	downgradient										
	6/11/2009	13	<0.005	1.4	<0.02	<0.001	<0.01	28	300	<0.001	3.1
	11/12/2009	15	<0.005	1.3	<0.02	<0.001	<0.01	28	280	<0.001	3.4
	4/14/2010	14	<0.00024	1.4	0.002	<0.00038	<0.00031	33	290(B)	<0.00019	2.3
	10/12/2010	16	0.00065(J)	1.4	0.0016	0.0005(J)	<0.001	32	300(B)	0.00019(J)	1.5
	4/13/2011	16	<0.001	1.5	<0.001	<0.001	<0.001	34	310	<0.001	1.4
	12/6/2011	17	<0.001	1.5	0.0023	0.0006	<0.001	36	310	<0.001	2.2
	5/7/2012	13	<0.001	1.2	0.0012	<0.001	0.00042(J)	40	280	<0.001	5.1
	10/8/2012	12	<0.001	1.1	0.00039(J)	<0.001	<0.001	27	230	<0.001	2
	3/20/2013	4.8	<0.001	0.72	0.0014	0.0012	<0.001	18	220	<0.001	2.5
	9/25/2013	15	<0.001	1.4	0.0013	0.00061(J)	<0.001	42(B)	280	<0.001	1.8
	3/18/2014	9.9	<0.001	1	<0.005	<0.005	<0.001	26	240	<0.001	2.3
	9/16/2014	12	0.00037(J)	0.98(B)	0.0019	0.0018	<0.001	22	210	0.00024(J)	2.4
	3/24/2015	6.1	<0.002	0.84	0.00045(J)	<0.002	<0.002	22	210	<0.002	2.9
	9/23/2015	13.2	0.000339	1.15	0.000985	<0.002	<0.002	24.7	251	<0.002	2.59
	2/9/2016	11.8	<0.002	1.08	0.000773(BJ)	<0.002	<0.002	25.9	251	<0.002	2.31
	8/24/2016	12.5	<0.002	1.08	0.00167(BJ)	0.00198(J)	<0.002	26.1	282(B)	<0.002	2.64
	3/3/2017	15.8	<0.002	1.48	0.000982(J)	<0.002	<0.002	17.9	263	<0.002	2.76
	5/23/2017	12.5	0.000554(BJ)	1.11	0.000803(J)	<0.002	<0.002	18.1	309	<0.002	3
	9/1/2017	13.2	<0.002	1.27	0.00163(J)	<0.002	<0.002	21.8	259	<0.002	3.09

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MW-4R2 (cont.)	11/17/2017	19.7	<0.002	1.52	0.00199(J)	<0.002	<0.002	21.1	275	<0.002	3.1
	3/12/2018	17	<0.002	1.56	0.00103(J)	<0.002	<0.002	20.1	322	<0.002	3.02
	6/13/2018	9.11	0.000743(BJ)	0.879	0.000839(J)	<0.002	<0.002	19.1	318	<0.002	2.7(B)
	9/12/2018	13.4	<0.002	1.43	0.00181(J)	<0.002	<0.002	25.2	276	<0.002	2.81(B)
	12/12/2018	12.6	0.000255(J)	1.67	0.0024	<0.002	<0.002	27.2	425	<0.002	2.33
	3/12/2019	13.6	<0.002	1.44	0.00124(J)	<0.002	<0.002	30.8	318	<0.002	2.73(B)
	6/12/2019	12.9	0.000794(BJ)	1.34	0.00129(J)	<0.002	<0.002	25	309	<0.002	2.26(B)
	9/24/2019	13.2	<0.002	1.36	0.00181(J)	<0.002	<0.002	26.8	270	<0.002	2.57(B)
	12/3/2019	16.4	<0.002	1.51	0.00222	<0.002	<0.002	19.5	324	<0.002	3.32
	3/12/2020	16.7	<0.002	1.48	0.00235	<0.002	<0.002	15.3	307	<0.002	3.24
	6/2/2020	13.8	<0.005	1.18	0.00244	<0.002	<0.002	10.7	290	<0.002	4.04
	9/14/2020	17	<0.005	1.59	0.00384	<0.002	<0.002	12.7	301(B)	<0.002	3.55(B)
	12/8/2020	17.5	<0.002	2.07	0.00381	<0.002	<0.002	17.3	335	<0.002	2.5
	3/11/2021	19.5	<0.002	1.64	0.00356	<0.002	<0.002	14.5	333	<0.002	3.64
	6/17/2021	12.7	<0.002	1.12	0.00263	<0.002	<0.002	14.9	301	<0.002	3.27(B)
	9/9/2021	15.7	<0.002	1.56	0.00409	<0.002	<0.002	17.3	309	<0.002	2.67(B)
	12/9/2021	18.1	<0.002	1.43	0.0049	<0.002	<0.002	13.7	276	<0.002	3.47
MW-5	downgradient										
	6/14/1994	192	0.265	0.254	0.174	<0.025	<0.004	76.5	482	0.13	7.2
	9/15/1994	24.2	0.058	1.15	<0.01	<0.025	<0.004	67	375	0.014	3.7
	12/22/1994	39.8	<0.01	1.13	0.033	<0.025	<0.004	79.3	399	0.026	2.5
	6/2/1995	6.63	<0.01	0.527	<0.01	<0.025	<0.004	78.7	425	<0.01	4.5
	12/14/1995	24.7	0.073	0.448	<0.01	0.055	<0.004	57.5	417	<0.01	1.82
	6/13/1996	6.1	<0.04	0.42	<0.01	<0.07	<0.007	48	390	<0.04	<1
	11/26/1996	8.3	<0.04	0.56	<0.01	<0.07	<0.007	48	370	<0.04	1.5
	4/23/1997	24	<0.04	0.18	0.015	<0.07	<0.007	36	410	<0.04	<1
	10/8/1997	4.2	<0.001	0.29	<0.01	<0.002	<0.007	50	380	<0.001	2.4

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		Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Thallium (mg/l)	TOC (mg/l)
MW-5 (cont.)	4/13/1998	4.6	<0.001	0.36	<0.01	<0.002	<0.007	42	380	<0.001	3.5
	11/5/1998	5.4	<0.001	0.38	<0.01	<0.005	<0.007	47	480	<0.001	2.8
	4/1/1999	2.9	<0.001	0.26	<0.01	<0.005	<0.007	44	420	<0.001	1.5
	10/22/1999	9.5	<0.001	0.82	<0.01	<0.005	<0.007	53	390	<0.001	2.6
	5/10/2000	13	<0.001	0.87	<0.01	<0.005	<0.007	50	400	<0.001	2.5
	10/12/2000	10	<0.001	0.86	<0.01	<0.005	<0.007	54	410	<0.001	2.3
	4/26/2001	6.5	<0.001	0.69	<0.01	0.0056	<0.007	49	430	<0.001	1.6
	10/26/2001	4.9	<0.001	0.56	<0.01	<0.005	<0.007	55	410	<0.001	1.9
	4/10/2002	5.4	<0.001	0.71	<0.01	0.0063	<0.007	50	390	<0.001	1.7
	11/6/2002	1.6	<0.001	0.15	<0.01	<0.005	<0.007	65	330	<0.001	1.5
	4/18/2003	3.4	<0.001	0.59	<0.01	<0.005	<0.007	47	370	<0.001	1.7
MW-5R	downgradient										
	11/5/2003	9.3	<0.001	2	<0.01	<0.005	<0.007	50	360	<0.001	2.1
	4/29/2004	14	<0.001	1.4	0.011	<0.005	<0.007	44	320	<0.001	2.1
	10/20/2004	14	<0.001	1.4	<0.01	<0.005	<0.007	47	320	<0.001	2.1
	4/27/2005	15	<0.001	1.3	<0.01	<0.005	<0.007	40	300	<0.001	2.3
	10/4/2005	15	<0.001	1.6	<0.01	<0.005	<0.007	47	340	<0.001	1.8
	4/26/2006	16	<0.001	1.6	<0.01	<0.005	<0.007	42	290	<0.001	1.9
	10/3/2006	14	<0.001	1.5	<0.01	<0.005	<0.007	47	300	<0.001	2
	4/11/2007	17	<0.001	1.5	<0.01	<0.005	<0.007	42	300	<0.001	2
	10/4/2007	17	<0.001	2.3	<0.01	<0.005	<0.007	49	340	<0.001	2.4
	4/21/2008	15	<0.005	1.4	<0.02	<0.001	<0.01	44	310	<0.001	2.4
	10/9/2008	14	<0.005	1.4	<0.02	<0.001	<0.01	43	300	<0.001	2.9
	6/11/2009	16	<0.005	1.5	<0.02	<0.001	<0.01	44	330	<0.001	3.6
	11/12/2009	16	<0.005	1.5	<0.02	<0.001	<0.01	45	310	<0.001	3.5
	4/14/2010	17	<0.00024	1.7	0.0017	<0.00038	<0.00031	48	330(B)	<0.00019	3
	10/12/2010	17	0.00095(J)	1.7	0.0016	<0.001	<0.001	46	340(B)	<0.001	2

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Historical Database, Mississippi County Class 1 Landfill

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MW-5R (cont.)	4/13/2011	17	<0.001	1.6	<0.001	<0.001	<0.001	44	320	<0.001	1.3
	12/6/2011	16	0.00072	2	0.0019	0.00071	0.00034	46	340	<0.001	2.2
	5/7/2012	17	<0.001	1.7	0.0019	<0.001	<0.001	48	340	<0.001	6.5
	10/8/2012	15	<0.001	1.9	0.0037	<0.001	<0.001	48	330	<0.001	1.4
	3/20/2013	15	<0.001	1.7	0.0018	<0.001	<0.001	46	350	<0.001	1.7
	9/25/2013	0.4	<0.001	0.6	0.00097(J)	<0.001	<0.001	46(B)	320	<0.001	1.2
	3/18/2014	17	<0.001	1.9	0.0042(J)	<0.005	<0.001	47	340	<0.001	1.5
	9/17/2014	16	0.00037(J)	1.8(B)	0.0021	0.0011	<0.001	46	320	0.00022(J)	1.5
	3/24/2015	0.53	<0.002	0.069	<0.002	<0.002	<0.002	52	320	<0.002	2.2
	9/23/2015	15.1	0.000719	1.65	0.000507	<0.002	<0.002	46.9	322	<0.002	2.31
	2/9/2016	16.9	0.000292(J)	1.6	0.000369(BJ)	<0.002	<0.002	46.7	336	<0.002	1.47
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016	15.1	0.000281(J)	1.53	0.00133(BJ)	0.00135(J)	<0.002	47.7	353(B)	<0.002	2.03
	3/3/2017	16.7	<0.002	1.72	<0.002	<0.002	<0.002	49.6	320	<0.002	1.44
	5/23/2017	18.4	<0.002	1.66	0.000378(J)	<0.002	<0.002	51.6	356	<0.002	1.88
	9/1/2017	14.6	0.000354(J)	1.66	0.000471(J)	<0.002	<0.002	50.6	321	<0.002	2.09
	11/17/2017	16.6	<0.002	1.73	0.00057(J)	<0.002	<0.002	48.9	348	<0.002	1.68
	3/13/2018	20.1	0.000849(BJ)	1.85	0.000739(J)	<0.002	<0.002	50.7	363	<0.002	2.05
	6/13/2018	15.2	0.000512(BJ)	1.39	0.000559(J)	<0.002	<0.002	46.6	377	<0.002	1.69(B)
	9/13/2018	15.9	<0.002	1.79	0.000673(J)	<0.002	<0.002	46.6	343	<0.002	2.1(B)
	12/13/2018	19.7	0.00065(J)	1.83	0.000672(J)	<0.002	<0.002	47.7	340	0.000361(J)	1.95
	3/13/2019	17.7	<0.002	1.97	0.000525(J)	<0.002	<0.002	49.8	364	<0.002	1.84(B)
	6/13/2019	18.7	0.000393(BJ)	1.84	0.00069(J)	<0.002	<0.002	46.3	368	<0.002	2.06(B)
	9/24/2019	16.2	0.000801(J)	1.77	0.000874(J)	<0.002	<0.002	48.3	337	<0.002	2.35(B)
	12/3/2019	19	0.000337(J)	1.76	0.000564(J)	<0.002	<0.002	49.2	359	<0.002	2.05(B)
	3/12/2020	20.2	0.000315(J)	2.03	0.000901(J)	<0.002	<0.002	42.7	364	<0.002	1.96(B)
	6/2/2020	19.3	<0.005	1.88	0.000983(J)	<0.002	<0.002	37.1	329	<0.002	2.64

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Historical Database, Mississippi County Class 1 Landfill

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MW-5R (cont.)	9/14/2020	16.4	<0.005	1.94	0.00113(J)	<0.002	<0.002	45.3	323(B)	<0.002	1.82(B)
	12/8/2020	17.3	<0.002	2.09	0.00132(J)	<0.002	<0.002	44.4	355	<0.002	2.01
	3/11/2021	17.2	<0.002	2.07	0.00103(J)	<0.002	<0.002	45.2	357	<0.002	1.7(B)
	6/17/2021	17.7	<0.002	1.75	0.00108(J)	0.00044(J)	<0.002	45.1	372	0.00323	2.23(B)
	9/9/2021	14.4	<0.002	1.98	0.0012(J)	<0.002	<0.002	44.5	356	<0.002	1.99(B)
	12/9/2021	17.5	<0.002	1.99	0.00126(J)	<0.002	<0.002	42.8	340	<0.002	1.48(B)
MW-6	downgradient										
	11/5/2003	15	<0.001	1.6	<0.01	<0.005	<0.007	35	460	<0.001	2.1
	4/29/2004	12	0.0034	1	0.012	<0.005	<0.007	33	490	<0.001	1.9
	10/20/2004	16	<0.001	1.2	<0.01	<0.005	<0.007	30	490	<0.001	2
	4/27/2005	15	<0.001	1.1	<0.01	<0.005	<0.007	28	390	<0.001	1.5
	10/4/2005	13	<0.001	1	<0.01	<0.005	<0.007	31	400	<0.001	1.2
	4/26/2006	7.8	<0.001	1.2	<0.01	<0.005	<0.007	44	490	<0.001	1.5
	10/3/2006	8.8	<0.001	1.3	<0.01	<0.005	<0.007	44	460	<0.001	2.1
	4/11/2007	11	0.0012	1.2	<0.01	<0.005	<0.007	39	470	<0.001	1.8
	10/4/2007	14	<0.001	1.2	<0.01	<0.005	<0.007	31	470	<0.001	2.2
	4/21/2008	8.6	<0.005	1.2	<0.02	<0.001	<0.01	48	470	<0.001	3.7
	10/9/2008	11	<0.005	1	<0.02	<0.001	<0.01	30	440	<0.001	4.2
	6/11/2009	9.4	<0.005	1.2	<0.02	<0.001	<0.01	46	540	<0.001	4.7
	11/12/2009	3.5	<0.005	0.84	<0.02	<0.001	<0.01	43	450	<0.001	4.4
	4/14/2010	8.6	<0.00024	1	0.0032	0.00045(J)	<0.00031	47	450(B)	<0.00019	3.2
	10/12/2010	14	0.00052(J)	1.3	0.0027	0.00053(J)	<0.001	34	490(B)	<0.001	1.5
	4/13/2011	4.8	<0.001	0.99	0.0017	<0.001	<0.001	40	430	<0.001	1.5
	12/6/2011	3.2	<0.001	0.86	0.0031	0.0018	<0.001	28	420	<0.001	2.2
	5/8/2012	5.7	<0.001	0.89	0.0031	<0.001	<0.001	29	390	<0.001	8.5
	10/8/2012	19	<0.001	1.5	0.0045	<0.001	<0.001	48(O)	510	<0.001	1.9
	3/20/2013	2.8	<0.001	0.66	0.0031	<0.001	<0.001	27	400	<0.001	1.5

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Historical Database, Mississippi County Class 1 Landfill

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MW-6 (cont.)	9/25/2013	2.6	0.0021	0.83	0.0026	<0.001	<0.001	16(B)	380	<0.001	1.9
	3/19/2014	3.2	0.00025(J)	0.86	0.0022	0.00055(J)	<0.001	24	380	<0.001	1.5
	9/17/2014	4	0.00029(J)	0.77(B)	0.0045	0.0018	<0.001	18	420	0.00024(J)	1.8
	3/24/2015	1.8	<0.002	0.46	0.0014(J)	<0.002	<0.002	25	410	<0.002	3.6
	9/23/2015	6	0.000483	0.95	0.00158	<0.002	<0.002	21.3	456	<0.002	2.87
	2/9/2016	6.85	<0.002	1.04	0.00184(BJ)	<0.002	<0.002	23	472	<0.002	2.03
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016	1.08	0.000364(J)	0.761	0.0031(B)	0.00138(J)	<0.002	23	468(B)	<0.002	2.6
	3/6/2017	3.13	<0.002	0.692	0.00357	<0.002	<0.002	24.8	493	<0.002	2.61
	5/23/2017	7.53	0.000469(BJ)	1.1	0.00368	<0.002	<0.002	28.9	540	<0.002	3.55
	9/1/2017	5.07	<0.002	0.944	0.00732	<0.002	<0.002	26.6	641	<0.002	5.23
	11/17/2017	6.09	<0.002	1.14	0.00928	<0.002	<0.002	23.2	659	<0.002	6.14
	3/13/2018	8.96	0.00101(BJ)	1.31	0.00872	<0.002	<0.002	25	656	<0.002	4.91
	6/13/2018	3.55	0.0038(B)	1.45	0.00831	<0.002	<0.002	23.3	643	<0.002	3.52
	9/13/2018	5.68	<0.002	0.9	0.00804	<0.002	<0.002	25	587	<0.002	4.22(B)
	12/13/2018	11.6	0.000324(J)	1.35	0.00729	<0.002	<0.002	22.8	605	<0.002	4.19
	3/14/2019	9.75	<0.002	1.28	0.00813	<0.002	<0.002	25.3	620	<0.002	4.12(B)
	6/13/2019	7.58	0.000489(BJ)	1.62	0.00723	<0.002	<0.002	24	569	<0.002	3.82
	9/24/2019	7.83	0.000291(J)	1.06	0.0052	<0.002	<0.002	23.8	497	<0.002	4.2
	12/3/2019	5.09	<0.002	0.884	0.00711	<0.002	<0.002	23	574	<0.002	3.99
	3/13/2020	7.77	0.000362(J)	1.07	0.00688	<0.002	<0.002	25.1	557	<0.002	3.24
	6/2/2020	6.57	<0.005	0.889	0.00639	<0.002	<0.002	25.6	501	<0.002	3.07
	9/14/2020	6.97	<0.005	0.947	0.00513	<0.002	<0.002	24.2	486(B)	<0.002	3.05
	12/8/2020	6.07	<0.002	0.901	0.00582	<0.002	<0.002	21.5	515	<0.002	2.64
	3/11/2021	7.37	<0.002	0.801	0.00492	<0.002	<0.002	22.7	476	<0.002	3.19(B)
	6/17/2021	4.33	<0.002	0.672	0.00515	<0.002	<0.002	19.4	491	<0.002	3.41(B)
	9/9/2021	7.4	<0.002	0.882	0.00523	<0.002	<0.002	18.2	503	<0.002	3.66

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MW-6 (cont.)	12/9/2021	16.4	0.00117(J)	1.5	0.00253	<0.002	<0.002	27.8	523	<0.002	2.92
OB-1	upgradient										
	4/11/2007	7.9	<0.001	2.2	<0.01	<0.005	<0.007	3.4	390	<0.001	2.9
	11/30/2016	8.05	<0.002	2.29	0.000413(BJ)	<0.002	<0.002	4.29(J)	375(B)	<0.002	2.34
	3/1/2017	8.06	<0.002	2.24	<0.002	<0.002	<0.002	4.04(J)	361	<0.002	1.45
	5/17/2017	9.14	<0.002	1.81	<0.002	<0.002	<0.002	6.42	377	<0.002	2.08
	8/16/2017	10.6	<0.002	2.46	<0.002	<0.002	<0.002	5.98	413	<0.002	1.97
	11/13/2017	9.89	<0.002	2.35	<0.002	<0.002	<0.002	3.92(J)	366	<0.002	1.83
	3/12/2018	11.7	0.000457(J)	2.51	0.000742(J)	<0.002	<0.002	5.14	408	0.000327(J)	1.93
	6/11/2018	11.1	0.000277(BJ)	2.18	<0.002	<0.002	<0.002	6.22	417	<0.002	1.44(B)
	9/12/2018	11.3	<0.002	2.58	<0.002	<0.002	<0.002	5.99	406	<0.002	2.14(B)
	12/11/2018	12.4	<0.002	2.77	0.00151(J)	<0.002	<0.002	6.06	264	<0.002	1.63
	3/12/2019	8.39	0.000261(J)	1.99	0.00102(J)	<0.002	<0.002	5.27	394	<0.002	1.53(B)
	6/12/2019	7.75	0.000681(BJ)	1.62	0.000388(J)	<0.002	<0.002	6.2	329	<0.002	1.55(B)
	9/24/2019	9.59	<0.002	2.42	0.000577(J)	<0.002	<0.002	5.68	385	<0.002	1.76(B)
	12/3/2019	7.35	0.000559(BJ)	1.73	0.000749(J)	<0.002	<0.002	5.31(B)	372	<0.002	1.27(B)
	3/10/2020	0.206	<0.002	0.0367	0.00109(J)	0.000496(J)	<0.002	6.47	271	<0.002	0.962(BJ)
	6/2/2020	3.75	<0.005	0.888	0.00108(J)	<0.002	<0.002	6	292	<0.002	1.35(B)
	9/14/2020	7.89	<0.005	2.94	<0.002	<0.002	<0.002	5.58	368(B)	<0.002	1.36(B)
	12/8/2020	7.95	<0.002	2.92	<0.002	<0.002	<0.002	3.46(J)	388(B)	<0.002	1.55(B)
	3/9/2021	5.27	<0.002	2.33	0.00102(J)	<0.002	<0.002	4.93(J)	380	<0.002	2.01(B)
	6/14/2021	9.28	<0.002	2.44	<0.002	<0.002	<0.002	4.3(J)	401	<0.002	2.31(B)
	9/8/2021	6.44	<0.002	3.01	<0.002	<0.002	<0.002	5.18(B)	414	<0.002	1.55(B)
	12/7/2021	6.06	<0.002	2.7	<0.002	<0.002	<0.002	3.6(J)	402	<0.002	1.22(B)
MW-10	upgradient										
	4/2/2013	2.4	0.00059(J)	0.39	0.0033	0.025	<0.001	50	320	<0.001	1.9
	6/12/2013	0.08(J)	<0.001	0.27	0.0019	0.026	<0.001	44	310	<0.001	1.8

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MW-10 (cont.)	9/25/2013	0.51	0.00042(J)	0.86	0.0027	<0.001	<0.001	38(B)	290	<0.001	2.6
	12/11/2013	6.1	<0.005	1.2	0.0022	0.00053(J)	<0.005	40	320	<0.005	2.2
	3/19/2014	3.1	0.00033(J)	0.73	0.0025	0.0012	<0.001	30	260	<0.001	2.8
	6/25/2014	6	<0.001	0.58	0.0015	<0.001	<0.001	28	280	<0.001	2.5
	9/18/2014	15	0.00026(J)	0.87(B)	0.004	0.0014	<0.001	35	300	0.00022(J)	3.4
	12/16/2014	15	0.001(J)	0.98	0.0048	0.0012(J)	<0.002	42	320	<0.002	3
	3/25/2015	0.014(J)	<0.002	0.0024(J)	0.00058(J)	0.024	<0.002	30	250	<0.002	1.9
	9/24/2015	4.22	0.000355	0.436	0.000885	0.000518	<0.002	33	291	<0.002	3.01
	2/18/2016	0.16	0.000295(J)	0.00328(J)	0.0012(J)	0.0319	<0.002	28.9	279	<0.002	1.3
	8/25/2016	4.84	0.000576(BJ)	0.285	0.00211(B)	<0.002	<0.002	28.7	270	<0.002	2.2
	5/18/2017	0.677	<0.002	0.0557	0.00064(BJ)	0.000771(J)	<0.002	29.6	249	<0.002	1.59
	11/14/2017	4.1	<0.002	0.278	0.00118(J)	<0.002	<0.002	31.2	280	<0.002	2.51
	6/11/2018	1.78	0.00041(BJ)	0.161	0.00154(J)	<0.002	<0.002	23.2	239	<0.002	1.61(B)
	12/17/2018	4.55	0.000315(J)	0.235	0.00173(J)	0.00048(J)	<0.002	13	184	<0.002	3.59
	6/19/2019	7.52	0.000475(J)	0.652	0.00155(J)	<0.002	<0.002	11.7	211	<0.002	2.69(B)
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	0.51	0.000294(J)	0.0215	0.00176(J)	<0.002	<0.002	20.2	214	<0.002	2.01(B)
	6/10/2020	5.08	<0.005	0.37	0.00155(J)	0.0016(J)	<0.002	15.2	220	<0.002	1.84
	12/10/2020	3.64	<0.002	0.325	0.0016(J)	0.00408	<0.002	15.3	204(B)	<0.002	2.05(B)
	6/15/2021	3.68	<0.002	0.483	0.00155(J)	<0.002	<0.002	22.1	235	<0.002	1.92(B)
	12/8/2021	5.7	0.000956(J)	0.769	0.00232	0.00127(J)	<0.002	20.4	236	<0.002	1.93(B)
MW-11	upgradient										
	11/5/2015	18.7	0.000334	2	0.00187	<0.002	<0.002	44.8	310	<0.002	2.43
	2/10/2016	14.8	<0.002	1.88	0.0025(B)	<0.002	<0.002	44.5	286	<0.002	1.44
	5/19/2016	20.2	<0.002	1.72	0.00318	<0.002	<0.002	47.2	294	<0.002	2.17
	8/28/2016	20.7	<0.002	1.76	0.00348(B)	<0.002	<0.002	47.9	378(B)	<0.002	1.54(B)
	12/1/2016	16.8	<0.002	1.75	0.00211(B)	<0.002	<0.002	51.2	314(B)	<0.002	2.85

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Historical Database, Mississippi County Class 1 Landfill

		Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Thallium (mg/l)	TOC (mg/l)
MW-11 (cont.)	3/2/2017	12	<0.002	1.55	0.00216	<0.002	<0.002	52.1	318	<0.002	3.54
	5/19/2017	22.4	<0.002	1.73	0.00264(B)	<0.002	<0.002	47.4	294	<0.002	1.69
	8/17/2017	16.7	<0.002	1.8	0.00241	<0.002	<0.002	53.1	318	<0.002	2.95
	11/14/2017	15.2	<0.002	1.67	0.00249	<0.002	<0.002	40.6	321	<0.002	2.31
	6/11/2018	21.1	<0.002	1.76	0.00295	<0.002	<0.002	47	306	<0.002	1.61(B)
	12/17/2018	10.6	<0.002	1.05	0.000956(J)	<0.002	<0.002	7.6	207	<0.002	6.23
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.95(B)
	6/20/2019	15.7	<0.002	1.47	0.000972(J)	<0.002	<0.002	39.2	301	<0.002	1.94(B)
	12/5/2019	6.89	0.000251(J)	0.974	0.000818(J)	<0.002	<0.002	32.3	304	<0.002	2.61(B)
	6/10/2020	16.3	<0.005	1.93	<0.002	<0.002	<0.002	37.9	276	<0.002	1.69(B)
	12/9/2020	13.1	<0.002	1.73	<0.002	<0.002	<0.002	37.8	330(B)	<0.002	1.44(B)
	3/9/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	4/19/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/15/2021	16.4	<0.002	1.74	0.00141(J)	<0.002	<0.002	38.1	284	<0.002	1.77(B)
	9/8/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/8/2021	13.5	<0.002	1.72	0.00381	<0.002	<0.002	25.2	268	<0.002	1.3(B)
MW-12	downgradient										
	11/5/2015	6.82	<0.002	2.68	0.00107	<0.002	<0.002	58.7	315	<0.002	1.91
	2/10/2016	5.02	<0.002	1.64	0.00254(B)	<0.002	<0.002	44.2	263	<0.002	1.08
	5/19/2016	5.6	<0.002	1.93	0.00143(J)	<0.002	<0.002	42.9	261	<0.002	1.51
	8/28/2016	7.1	<0.002	2.46	0.00347(B)	<0.002	<0.002	53.3	370(B)	<0.002	1.95(B)
	12/1/2016	7.17	<0.002	2.26	0.00153(BJ)	<0.002	<0.002	56.2	301(B)	<0.002	1.51
	3/2/2017	0.841	<0.002	0.417	0.0017(J)	<0.002	<0.002	44.9	240	<0.002	1.01
	5/19/2017	8.39	<0.002	2.47	0.00118(BJ)	<0.002	<0.002	56.4	306	<0.002	1.5
	8/17/2017	5.59	<0.002	1.44	0.00479	<0.002	<0.002	47	249	<0.002	1.42
	11/14/2017	6.48	<0.002	1.31	0.00617	<0.002	<0.002	37.2	229	<0.002	1.32
	6/11/2018	5.99	<0.002	2.16	0.00304	<0.002	<0.002	42.2	284	<0.002	1.03(B)

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Historical Database, Mississippi County Class 1 Landfill

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MW-12 (cont.)	12/17/2018	6.57	<0.002	0.785	0.00284	<0.002	<0.002	21.3	169	<0.002	2.66
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.5(B)
	6/20/2019	8.79	<0.002	2.03	0.00212	<0.002	<0.002	45	287	<0.002	1.39(B)
	12/5/2019	4.96	<0.002	0.959	0.00191(J)	<0.002	<0.002	23.8	201	<0.002	1.64(B)
	6/10/2020	7.05	<0.005	1.72	0.00199(J)	0.000688(J)	<0.002	49.5	270	<0.002	1.06(B)
	12/10/2020	2.45	<0.002	1.02	0.00364	<0.002	<0.002	33.8	214(B)	<0.002	1.53(B)
	6/16/2021	6.57	<0.002	1.48	0.00257	<0.002	<0.002	44.4	263	<0.002	1.44(B)
	12/8/2021	6.41	<0.002	1.58	0.00486	0.000351(J)	<0.002	40.5	240	<0.002	0.878(BJ)
MW-13	downgradient										
	11/5/2015	11.8	<0.002	1.78	<0.002	<0.002	<0.002	98.5	386	<0.002	9.08
	2/10/2016	16.3	<0.002	1.76	<0.002	<0.002	<0.002	49	303	<0.002	1.56
	5/19/2016	15.9	<0.002	2	0.00301	<0.002	<0.002	53.9	306	<0.002	2.37
	8/28/2016	17.6	0.00067(BJ)	1.85	0.00145(BJ)	<0.002	<0.002	52.8	383(B)	<0.002	1.44(B)
	12/1/2016	14.8	<0.002	1.85	<0.002	<0.002	<0.002	48.6	296(B)	<0.002	2.68
	3/2/2017	3.83	<0.002	0.757	0.00155(J)	0.00312	<0.002	71.4	344	<0.002	1.63
	5/24/2017	18.5	<0.002	1.82	<0.002	<0.002	<0.002	55	342	<0.002	1.47
	8/18/2017	18.1	<0.002	1.89	<0.002	<0.002	<0.002	55.7	304	<0.002	1.9
	11/14/2017	17.4	<0.002	1.85	0.000394(J)	0.000425(J)	<0.002	52.4	327	<0.002	1.68
	6/11/2018	18.3	0.000258(BJ)	2.01	0.00131(J)	<0.002	<0.002	57	334	<0.002	1.76(B)
	12/19/2018	15.9	<0.002	1.4	0.000961(J)	0.000535(J)	<0.002	17.4	259	<0.002	4.43
	6/20/2019	13.1	<0.002	1.31	0.000903(J)	<0.002	<0.002	21.7	283	<0.002	3.51
	12/5/2019	5.68	0.000245(J)	0.57	0.000536(J)	0.000393(J)	<0.002	30.4	293	<0.002	2.12(B)
	6/10/2020	15.6	<0.005	2.02	<0.002	0.000722(J)	<0.002	32.7	291	<0.002	1.57(B)
	12/10/2020	10.7	<0.002	0.648	0.00138(J)	0.000778(J)	<0.002	32.7	272(B)	<0.002	2.63(B)
	6/16/2021	15.5	<0.002	1.66	0.000888(J)	0.00036(J)	<0.002	37.6	302	<0.002	1.76(B)
	12/8/2021	13.4	<0.002	1.53	<0.002	<0.002	<0.002	30.1	291	<0.002	1.32(B)
MW-14	downgradient										

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MW-14 (cont.)	11/6/2015	6.1	<0.002	1.99	0.000412	<0.002	<0.002	112	431	<0.002	7.71
	2/18/2016	7.66	<0.002	1.51	0.00191(J)	<0.002	<0.002	26.4	232	<0.002	1.48
	5/23/2016	9.68	<0.002	1.72	<0.002	<0.002	<0.002	31.9	291(B)	<0.002	31.3
	8/29/2016	8.27	0.000408(BJ)	1.68	0.000774(BJ)	<0.002	<0.002	25.1	343	<0.002	1.19(B)
	12/1/2016	6.56	<0.002	1.32	<0.002	<0.002	<0.002	19.1	225(B)	<0.002	2.24
	3/2/2017	7.18	<0.002	1.38	<0.002	<0.002	<0.002	19.9	222	<0.002	1.24
	5/22/2017	2.64	<0.002	0.942	<0.002	<0.002	<0.002	18.4	262	<0.002	1.2
	8/18/2017	9.69	<0.002	1.66	<0.002	<0.002	<0.002	33.1	240	<0.002	2.13
	11/16/2017	7.34	<0.002	1.47	<0.002	<0.002	<0.002	24.8	227	<0.002	1.86
	6/13/2018	3.21	0.00117(BJ)	0.895	<0.002	<0.002	<0.002	19.6	246	<0.002	1.23(B)
	12/19/2018	5.53	<0.002	1.72	<0.002	<0.002	<0.002	16.9	215	<0.002	1.4
	6/19/2019	11.4	0.000346(J)	2.13	0.000422(J)	<0.002	<0.002	42.6	271	<0.002	1.56(B)
	9/24/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/5/2019	13	<0.002	1.98	<0.002	<0.002	<0.002	40.3	306	<0.002	1.7(B)
	3/10/2020	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/5/2020	11.6	<0.005	1.83	<0.002	<0.002	<0.002	40.7	307	<0.002	1.85(B)
	12/11/2020	11.4	<0.002	2.28	<0.002	<0.002	<0.002	37.7	314(B)	<0.002	1.34(B)
	6/16/2021	11	<0.002	1.79	<0.002	<0.002	<0.002	38.1	302	<0.002	1.68(B)
	12/8/2021	11.5	<0.002	2.23	<0.002	<0.002	<0.002	37	298	<0.002	1.29(B)
MW-15	downgradient										
	4/3/2013	2	0.0012	0.49	0.0044	0.0084	<0.001	26	200	<0.001	1.5
	4/3/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/12/2013	0.19	<0.001	0.49	0.0028	0.002	<0.001	38	240	<0.001	1.6
	9/25/2013	0.09(J)	<0.001	0.011	0.002	0.0017	<0.001	18(B)	140	<0.001	1.2
	12/12/2013	0.43	<0.005	0.13	0.0031	0.00041(J)	<0.005	22	160	<0.005	0.91(J)
	3/19/2014	86	0.042	0.69	0.084	0.0089	<0.001	19	160	0.00077(J)	1.2
MW-15R	downgradient										

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MW-15R (cont.)	11/6/2015	9.1	<0.002	0.907	0.000616	<0.002	<0.002	92.4	321	<0.002	8.05
	5/23/2016	10.5	0.000824(J)	0.915	0.00215(B)	<0.002	<0.002	19.1	220(B)	<0.002	26.8
	8/29/2016	9.59	<0.002	0.898	0.00205(B)	<0.002	<0.002	20.9	202	<0.002	1.16(B)
	12/1/2016	8.61	<0.002	0.847	0.00105(BJ)	<0.002	<0.002	17.7	190(B)	<0.002	2.09
	3/2/2017	7.94	<0.002	0.731	0.000691(J)	<0.002	<0.002	19.1	216	<0.002	2.9
	5/23/2017	9.41	<0.002	0.883	0.00123(J)	<0.002	<0.002	16.6	243	<0.002	1.38
	8/18/2017	13.2	<0.002	1.02	0.00102(J)	<0.002	<0.002	32.7	279	<0.002	1.96
	11/16/2017	14.3	0.00058(J)	1.18	0.0043	0.000734(J)	<0.002	14.1	254	0.000411(J)	6.73
	6/13/2018	11.3	0.00245(B)	0.989	0.00184(J)	<0.002	<0.002	22.1	229	<0.002	1.33(B)
	9/13/2018	n/a	0.000299(J)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/19/2018	12.9	<0.002	1.14	0.00262	<0.002	<0.002	19.3	229	<0.002	1.75
	6/19/2019	10.8	<0.002	1.01	0.00231	<0.002	<0.002	23.4	226	<0.002	1.66(B)
	12/3/2019	13.4	0.000245(J)	1.12	0.00259	<0.002	<0.002	19.3	232	<0.002	1.97(B)
	6/4/2020	10.7	<0.005	1.03	0.00207	<0.002	<0.002	26.9	227	<0.002	1.68(B)
	12/10/2020	14.8	<0.002	1.26	0.00327	<0.002	<0.002	20.6	264(B)	<0.002	1.65(B)
	6/16/2021	12.3	<0.002	1.12	0.00331	<0.002	<0.002	18.8	284	<0.002	2.1(B)
	12/9/2021	12.8	<0.002	1.27	0.00266	<0.002	<0.002	22.5	242	<0.002	1.07(B)
MW-16	downgradient										
	11/5/2015	11.3	<0.002	1.1	0.000709	<0.002	<0.002	67	373	<0.002	3.92
	8/29/2016	12.4	<0.002	0.983	0.00207(B)	<0.002	<0.002	30	291	<0.002	1.58(B)
	12/5/2016	12.9	<0.002	1.01	0.00287	<0.002	<0.002	30.7	1210	<0.002	2.52
	3/2/2017	10.3	0.000322(J)	1.08	0.0012(J)	<0.002	<0.002	37.6	321	<0.002	1.78
	5/23/2017	13.5	<0.002	0.993	0.002	<0.002	<0.002	31.5	296	<0.002	1.48
	8/18/2017	10.4	<0.002	0.817	0.000608(J)	<0.002	<0.002	20	171	<0.002	2.06
	11/16/2017	14.5	<0.002	1.19	0.00158(J)	<0.002	<0.002	41.8	335	<0.002	2.07
	3/14/2018	13.3	<0.002	1.05	0.00104(J)	<0.002	<0.002	34.6	311	<0.002	1.76
	6/12/2018	12.5	<0.002	1.03	0.00127(J)	<0.002	<0.002	29.5	293	<0.002	2.1(B)

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MW-16 (cont.)	12/20/2018	14.4	<0.002	1.17	0.00139(J)	<0.002	<0.002	38.1	302	<0.002	1.78
	6/18/2019	14.1	<0.002	1.17	0.00294	<0.002	<0.002	35.8	325	<0.002	1.91(B)
	12/4/2019	16.9	<0.002	1.36	0.00273	<0.002	<0.002	48.2	365	<0.002	2.18(B)
	3/12/2020	16.6	n/a	1.25	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/4/2020	9.74	<0.005	0.921	0.0017(J)	<0.002	<0.002	35.4	324	<0.002	2.05(B)
	12/10/2020	15.9	<0.002	1.35	0.00225	<0.002	<0.002	37.5	323(B)	<0.002	1.4(B)
	6/16/2021	14.8	<0.002	1.29	0.0024	<0.002	<0.002	47.2	352	<0.002	1.81(B)
	12/9/2021	17.5	<0.002	1.33	0.00358	<0.002	<0.002	39.1	317	<0.002	1.29(B)
MW-17	upgradient										
	4/2/2013	11	0.00043(J)	1.6	0.0021	<0.001	<0.001	28	280	<0.001	1.4
	6/12/2013	0.24	0.00027(J)	0.028	0.0011	<0.001	<0.001	30	310	<0.001	0.87(J)
	9/26/2013	5.2	<0.001	1	0.0016	<0.001	<0.001	39(B)	240	<0.001	0.99(J)
	12/12/2013	18	<0.005	1.6	0.00061(J)	<0.001	<0.005	32	260	<0.005	1.4
	3/19/2014	14	0.00026(J)	1.5	0.0015	<0.001	<0.001	31	270	<0.001	1.7
	6/25/2014	16	<0.001	1.6	<0.001	<0.001	<0.001	29	300	<0.001	1.4
	9/18/2014	8.7	0.00025(J)	1.4(B)	0.0022	0.0011	<0.001	26	260	0.00023(J)	1.2
	12/16/2014	15	0.0014(J)	1.5	0.0032	<0.002	0.00031(J)	30	270	<0.002	1.2
	3/25/2015	11	<0.002	0.78	<0.002	<0.002	<0.002	33	250	<0.002	1
	9/23/2015	0.259	0.000793	0.654	0.00124	0.000469	<0.002	34.4	243	<0.002	1.05
	2/18/2016	16.6	<0.002	1.13	0.00143(J)	<0.002	<0.002	23.9	284	<0.002	1.6
	8/26/2016	9.2	<0.002	1.2	0.000929(BJ)	<0.002	<0.002	23.9	250	<0.002	1.43
	5/18/2017	11.1	<0.002	1.11	0.00103(BJ)	<0.002	<0.002	29.7	291	<0.002	1.15
	11/14/2017	16.9	<0.002	1.5	0.0004(J)	<0.002	<0.002	27	258	<0.002	1.35
	6/11/2018	14.5	<0.002	1.19	0.00121(J)	<0.002	<0.002	24.1	269	<0.002	1.56(B)
	12/17/2018	15.5	<0.002	1.38	<0.002	<0.002	<0.002	23.7	257	<0.002	1.51
	6/17/2019	12.9	<0.002	1.19	0.00185(J)	<0.002	<0.002	21.5	258	<0.002	2.67(B)
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.61(B)

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Historical Database, Mississippi County Class 1 Landfill

		Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Thallium (mg/l)	TOC (mg/l)
MW-17 (cont.)	12/4/2019	15.2	<0.002	1.46	0.000971(J)	<0.002	<0.002	25.1	258	<0.002	1.23(B)
	6/3/2020	14.1	<0.005	1.14	0.00154(J)	<0.002	<0.002	23.5	250	<0.002	1.8
	12/9/2020	14.7	<0.002	1.57	0.000998(J)	<0.002	<0.002	23.5	248(B)	<0.002	1.41(B)
	6/14/2021	14.6	<0.002	1.34	0.0012(J)	<0.002	<0.002	22.6	265	<0.002	1.67(B)
MW-18	upgradient										
	4/3/2013	18	<0.001	1.4	0.0016	0.00053(J)	<0.001	84	450	<0.001	1.7
	6/12/2013	18	<0.001	1.4	0.0011	<0.001	<0.001	80	450	<0.001	1.7
	9/25/2013	9.2	<0.001	0.91	0.0028	<0.001	<0.001	90(B)	470	<0.001	1.8
	12/12/2013	16	<0.005	1.1	0.0016	<0.001	<0.005	89	440	<0.005	1.7
	3/19/2014	4	<0.001	0.48	0.0042	0.0052	<0.001	100	520	<0.001	1.2
	6/25/2014	2.3	<0.001	0.76	0.003	0.0078	<0.001	120	670	<0.001	1.3
	9/18/2014	11	<0.001	0.93(B)	0.003	<0.001	<0.001	83	500	0.00021(J)	1.7
	12/17/2014	15	0.0016(J)	1.2	0.0045	<0.002	<0.002	81	430	<0.002	1.4
	9/24/2015	13.2	0.000453	1.05	0.000783	0.000391	<0.002	83.1	526	<0.002	1.48
	8/29/2016	10.9	0.000247(BJ)	1.04	0.00139(BJ)	<0.002	<0.002	71	430	<0.002	1.59(B)
	5/22/2017	15.5	<0.002	1.16	<0.002	<0.002	<0.002	70.7	411	<0.002	1.51
	11/16/2017	13.6	<0.002	1.02	0.000694(J)	0.00161(J)	<0.002	86.2	450	<0.002	1.69
	6/12/2018	4.43	<0.002	0.568	0.00136(J)	0.00259	<0.002	101	524	<0.002	1.25(B)
	12/20/2018	0.526	<0.002	0.314	0.00126(J)	0.00784	<0.002	83	461	<0.002	1.93
	3/13/2019	n/a	n/a	n/a	n/a	<0.002	n/a	n/a	n/a	n/a	n/a
	6/18/2019	13.2	<0.002	1.04	0.00151(J)	<0.002	<0.002	86.3	459	<0.002	1.52(B)
	12/3/2019	2.91	<0.002	0.582	0.00172(J)	0.022(O)	<0.002	91.4	504	<0.002	1.44(B)
	3/10/2020	n/a	n/a	n/a	n/a	0.000809(J)	n/a	n/a	n/a	n/a	n/a
	6/4/2020	8.67	<0.005	0.936	0.00148(J)	<0.002	<0.002	94.3	491	<0.002	1.41(B)
	12/10/2020	16.8	<0.002	1.3	0.00145(J)	<0.002	<0.002	91.7	456(B)	<0.002	1.31(B)
	6/16/2021	1.12	<0.002	0.22	0.00101(J)	0.0612	<0.002	131	540	<0.002	1.63(B)
	9/8/2021	n/a	n/a	n/a	n/a	<0.002	n/a	81.1	n/a	n/a	n/a

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Historical Database, Mississippi County Class 1 Landfill

		Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Thallium (mg/l)	TOC (mg/l)
MW-18 (cont.)	12/8/2021	12.1	<0.002	1.51	0.00221	0.000408(J)	<0.002	86.9	457	<0.002	1.1(B)
MW-19	upgradient										
	4/2/2013	12	0.00031(J)	2	0.0018	<0.001	<0.001	38	330	<0.001	1.2
	6/12/2013	1.1	<0.001	1.7	0.0017	0.0019	<0.001	42	370	<0.001	1.2
	9/25/2013	11	<0.001	1.9	0.0011	<0.001	<0.001	39(B)	330	<0.001	1.5
	12/11/2013	13	<0.005	1.9	0.00088(J)	0.00071(J)	<0.005	42	330	<0.005	1.4
	3/19/2014	2.8	<0.001	0.93	0.002	<0.001	<0.001	40	320	<0.001	1.1
	6/25/2014	11	<0.001	1.9	0.0004(J)	<0.001	<0.001	40	390	<0.001	1.2
	9/18/2014	11	<0.001	1.7(B)	0.002	<0.001	<0.001	39	310	<0.001	1.2
	12/16/2014	10	0.0011(J)	1.7	0.003	<0.002	0.00048(J)	37	330	<0.002	1
	3/25/2015	1.2	<0.002	0.29	<0.002	<0.002	<0.002	38	320	<0.002	1.5
	9/24/2015	9.73	0.000846	1.72	<0.002	<0.002	<0.002	35.1	313	<0.002	1.07
	2/17/2016	8.93	0.000282(J)	1.45	0.00203	<0.002	<0.002	35.2	308	<0.002	1.15
	8/25/2016	9.49	<0.002	1.5	0.000773(BJ)	<0.002	<0.002	34.6	311	<0.002	0.892(J)
	5/18/2017	10.3	<0.002	1.63	<0.002	<0.002	<0.002	33	294	<0.002	1.36
	11/14/2017	11.1	<0.002	1.61	<0.002	<0.002	<0.002	30.7	246	<0.002	1.2
	6/11/2018	9.14	<0.002	1.8	<0.002	<0.002	<0.002	31.2	306	<0.002	0.94(BJ)
	12/17/2018	6.96	<0.002	1.28	0.000478(J)	<0.002	<0.002	21.2	265	<0.002	1.57
	6/17/2019	6.78	<0.002	1.39	0.000679(J)	<0.002	<0.002	23.8	280	<0.002	1.27(B)
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	5.93	<0.002	1.11	0.000806(J)	<0.002	<0.002	19.9	237	<0.002	1.61(B)
	6/3/2020	1.31	<0.005	1.32	0.00216	<0.002	<0.002	18.1	200	<0.002	1.41(B)
	12/9/2020	4.82	<0.002	1.24	0.000976(J)	<0.002	<0.002	23.3	239(B)	<0.002	1.35(B)
	6/15/2021	3.37	<0.002	1.05	0.00131(J)	<0.002	<0.002	17	235	<0.002	1.62(B)
	12/7/2021	7.91	<0.002	1.43	0.000921(J)	<0.002	<0.002	17.7	249	<0.002	1.51(B)
MW-20	upgradient										
	4/3/2013	0.88	0.0009(J)	0.025	0.0032	0.007	<0.001	24	270	<0.001	2.9

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Historical Database, Mississippi County Class 1 Landfill

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MW-20 (cont.)	6/12/2013	0.92	<0.001	0.36	0.003	<0.001	<0.001	29	330	<0.001	2.1
	9/26/2013	0.59	<0.001	0.9	0.0063	0.00059(J)	<0.001	14(B)	400	<0.001	7.6
	12/12/2013	2	0.0023(J)	0.25	0.0037	0.00068(J)	<0.005	20	250	<0.005	4.6
	3/19/2014	4.5	0.00028(J)	0.36	0.0034	<0.001	<0.001	16	260	<0.001	3.8
	6/25/2014	4.9	0.0004(J)	0.26	0.0017	0.001(J)	<0.001	15	300	<0.001	3.4
	9/18/2014	2.2	0.00047(J)	0.9(B)	0.006	0.00066(J)	<0.001	4.5(J)	240	<0.001	8
	12/16/2014	0.77	0.0018(J)	0.14	0.005	<0.002	<0.002	17(J)	240	<0.002	4.1
	9/24/2015	1.33	0.000753	0.444	0.00318	0.00056	<0.002	11.6	318	<0.002	5.63
	2/18/2016	1.64	0.00045(J)	0.0999	0.00203	0.00131(J)	<0.002	17.9	283	<0.002	2.33
	8/29/2016	0.52	0.000436(BJ)	0.0673	0.00347(B)	<0.002	<0.002	9.71	228	<0.002	3.8(B)
	5/22/2017	1.7	0.000848(BJ)	0.0759	0.00197(J)	0.00162(J)	<0.002	18.5	281	<0.002	1.72
	11/16/2017	0.44	0.000588(J)	0.0369	0.00227	<0.002	<0.002	20.1	178	<0.002	5.75
	6/12/2018	1.75	0.00114(BJ)	0.053	0.00192(J)	0.00117(J)	<0.002	15.4	296	<0.002	2.76(B)
MW-21	upgradient										
	11/5/2015	9.86	<0.002	1.93	<0.002	<0.002	<0.002	58.3	351	<0.002	4.3
	2/11/2016	10.4	<0.002	1.78	<0.002	<0.002	<0.002	29.2	292	<0.002	1.1
	5/18/2016	10.2	0.00201	1.84	<0.002	<0.002	0.000605(J)	35.8	337	<0.002	2.12
	8/25/2016	9.84	<0.002	1.58	0.000813(BJ)	<0.002	0.00106(J)	28.5	293	<0.002	0.848(J)
	11/30/2016	11.6	<0.002	1.73	<0.002	<0.002	<0.002	25.4	311(B)	<0.002	1.99
	3/1/2017	2.45	0.00034(J)	0.908	<0.002	<0.002	<0.002	26.2	313	<0.002	1.52
	5/18/2017	11.5	<0.002	1.76	<0.002	<0.002	<0.002	24.7	308	<0.002	1.2
	8/17/2017	11	<0.002	1.81	<0.002	<0.002	<0.002	23.2	325	<0.002	1.55
	11/14/2017	10.8	<0.002	1.8	<0.002	<0.002	<0.002	22.4	315	<0.002	1.46
	6/11/2018	10.5	<0.002	1.75	<0.002	<0.002	<0.002	28.3	326	<0.002	1.11(B)
	12/17/2018	5.48	<0.002	0.918	<0.002	<0.002	<0.002	17.2	278	<0.002	1.49
	6/18/2019	11	<0.002	1.72	<0.002	<0.002	<0.002	23.1	294	<0.002	1.24(B)
	12/4/2019	7.79	<0.002	1.25	<0.002	<0.002	<0.002	18.7	286	<0.002	1.2(B)

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MW-21 (cont.)	6/3/2020	10	<0.005	1.48	<0.002	<0.002	<0.002	18.5	265	<0.002	1.39(B)
	12/9/2020	11.1	<0.002	1.8	<0.002	<0.002	<0.002	20	284(B)	<0.002	1.05(B)
	6/15/2021	10.3	<0.002	1.63	<0.002	<0.002	<0.002	20.6	295	<0.002	1.96(B)
	9/8/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/7/2021	10.8	<0.002	1.7	<0.002	<0.002	<0.002	19.1	294	<0.002	1.02(B)
MW-22	upgradient										
	11/4/2015	6.61	<0.002	1.51	0.000475	<0.002	<0.002	41.3	260	<0.002	3.64
	2/11/2016	8.87	0.000358(J)	2.49	0.000717(BJ)	<0.002	<0.002	26.3	313	<0.002	1.36
	5/18/2016	11.1	0.00027(J)	2.08	0.000824(J)	<0.002	0.000864(J)	29.9	312	<0.002	1.92
	8/25/2016	11.4	<0.002	1.85	0.000735(BJ)	<0.002	<0.002	29.5	313	<0.002	1.05
	11/30/2016	7.64	<0.002	1.45	<0.002	<0.002	<0.002	25.7	226(B)	<0.002	2.68
	3/1/2017	2.25	<0.002	1.4	0.00513	<0.002	<0.002	27.5	228	<0.002	2.05
	5/17/2017	11.1	<0.002	2.18	<0.002	<0.002	<0.002	29.3	303	<0.002	1.82
	8/16/2017	7.52	<0.002	1.49	<0.002	<0.002	<0.002	19.9	233	<0.002	2.51
	11/13/2017	7.68	0.000244(J)	1.46	<0.002	<0.002	<0.002	17.6	184	<0.002	2.11
	6/11/2018	5.28	0.000543(BJ)	1.65	0.000806(J)	<0.002	<0.002	18.2	239	<0.002	1.92(B)
	12/11/2018	12.2	0.000598(J)	2.19	<0.002	<0.002	<0.002	21.1	271	<0.002	1.44
	6/17/2019	9.8	<0.002	2.04	<0.002	<0.002	<0.002	29.1	288	<0.002	1.39(B)
	12/4/2019	10.1	<0.002	2.12	<0.002	<0.002	<0.002	22.9	289	<0.002	1.19(B)
	6/3/2020	12.3	<0.005	2.4	<0.002	<0.002	<0.002	24	296	<0.002	1.17(B)
	12/9/2020	10.9	<0.002	2.39	<0.002	<0.002	<0.002	22.9	273(B)	<0.002	1.02(B)
	6/14/2021	8.89	<0.002	2.05	<0.002	<0.002	<0.002	16.3	268	<0.002	1.47(B)
	12/7/2021	11.4	<0.002	2.47	<0.002	<0.002	<0.002	27.2	294	<0.002	1.2(B)
MW-23	upgradient										
	11/4/2015	9.03	<0.002	1.53	0.000511	<0.002	<0.002	30.2	273	<0.002	3.1
	2/11/2016	13.4	<0.002	1.43	0.00204(B)	<0.002	<0.002	34.4	330	<0.002	1.83
	5/18/2016	15.3	<0.002	1.41	0.00283	<0.002	0.000633(J)	31.3	380	<0.002	3.06

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MW-23 (cont.)	8/25/2016	10.5	<0.002	1.27	0.00153(BJ)	<0.002	<0.002	27.2	278	<0.002	2.74
	11/30/2016	10.5	<0.002	1.35	0.00122(BJ)	<0.002	<0.002	23.8	278(B)	<0.002	3.49
	3/1/2017	11.6	<0.002	1.53	0.00107(J)	<0.002	<0.002	27.4	305	<0.002	2.78
	5/17/2017	13.5	<0.002	1.62	0.00113(BJ)	<0.002	<0.002	28.9	329	<0.002	2.5
	8/16/2017	10.7	<0.002	1.33	0.000764(J)	<0.002	<0.002	23.6	287	<0.002	3.3
	11/13/2017	11	<0.002	1.39	0.000859(J)	<0.002	<0.002	22.8	283	<0.002	3.04
	6/11/2018	12.1	<0.002	1.52	0.00162(J)	<0.002	<0.002	25.2	336	<0.002	2.1(B)
	12/11/2018	13.4	0.000622(J)	1.39	0.00198(J)	<0.002	<0.002	19.3	405	<0.002	2.71
	6/17/2019	18	0.000407(J)	1.75	0.00289	<0.002	<0.002	16.8	385	<0.002	2.64(B)
	9/23/2019	12.5	n/a	1.51	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	12.9	0.000436(J)	1.63	0.00136(J)	0.00102(J)	<0.002	22.4	307	0.000501(J)	2.23(B)
	6/3/2020	15.7	<0.005	1.48	0.00232	<0.002	<0.002	20.3	314	<0.002	2.22
	12/9/2020	11.5	<0.002	1.5	0.00206	<0.002	<0.002	25.6	286(B)	<0.002	1.83(B)
	6/14/2021	7.18	<0.002	1.33	0.00224	<0.002	<0.002	21.5	326	<0.002	2.11(B)
	12/7/2021	9.22	<0.002	1.3	0.00159(J)	<0.002	<0.002	24.3	293	<0.002	1.95(B)
MW-24	upgradient										
	11/5/2015	10.5	<0.002	1.59	0.000688	<0.002	<0.002	76	364	<0.002	5.22
	2/10/2016	11.3	<0.002	1.3	0.00116(BJ)	<0.002	<0.002	26.8	285	<0.002	1.71
	5/19/2016	11.1	<0.002	1.36	0.00107(J)	<0.002	<0.002	31.6	<10(O)	<0.002	2.34
	8/28/2016	12.8	<0.002	1.31	0.0025(B)	<0.002	<0.002	29.1	295(B)	<0.002	1.38(B)
	11/30/2016	12.1	<0.002	1.25	0.00106(BJ)	<0.002	<0.002	29.5	285(B)	<0.002	2.13
	3/2/2017	10.4	<0.002	1.3	0.00117(J)	<0.002	<0.002	28.1	288	<0.002	1.34
	5/18/2017	12.5	<0.002	1.45	0.000946(BJ)	<0.002	<0.002	28.8	238	<0.002	2.11
	8/17/2017	13.3	<0.002	1.34	0.00111(J)	<0.002	<0.002	31.8	302	<0.002	1.99
	11/14/2017	12.1	<0.002	1.22	0.00133(J)	<0.002	<0.002	26	346	<0.002	1.83
	6/12/2018	13.1	<0.002	1.48	0.00109(J)	<0.002	<0.002	37	298	<0.002	1.86(B)
	12/17/2018	13.4	<0.002	1.42	0.00115(J)	<0.002	<0.002	31.4	292	<0.002	1.61

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Historical Database, Mississippi County Class 1 Landfill

		Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Thallium (mg/l)	TOC (mg/l)
MW-24 (cont.)	6/19/2019	8.37	<0.002	1.88	0.00153(J)	<0.002	<0.002	35.4	304	<0.002	1.59(B)
	9/24/2019	n/a	n/a	1.38	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	14.2	0.000435(J)	1.45	0.0016(J)	<0.002	<0.002	35.8	315	<0.002	1.52(B)
	6/10/2020	14.1	<0.005	1.64	0.00181(J)	0.0013(J)	<0.002	44.9	298	<0.002	1.4(B)
	9/14/2020	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/10/2020	15.6	<0.002	1.68	0.00198(J)	<0.002	<0.002	32.2	312(B)	<0.002	1.38(B)
	3/9/2021	n/a	n/a	1.63	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/15/2021	12.2	<0.002	1.68	0.00149(J)	<0.002	<0.002	40.7	339	<0.002	1.64(B)
	12/7/2021	15.8	<0.002	1.58	0.0018(J)	<0.002	<0.002	33.5	321	<0.002	1.4(B)
LEACHATE#1	downgradient										
	4/14/2010	17	0.001	2.2	0.22	0.025	0.00071(J)	1.2(J)	6800(B)	<0.00019	980
	10/12/2010	17	0.0014	2	0.18	0.013	0.00046(J)	<5	5800(B)	<0.001	790
	4/13/2011	9.3	0.00086(J)	1.8	0.17	0.026	<0.001	0.64(J)	5600	<0.001	630
	12/6/2011	15	0.0012	1.6	0.21	0.026	0.0019	<5	5800	<0.001	710
	5/8/2012	14	<0.001	0.93	0.23	0.025	0.00064(J)	0.67(J)	6400	<0.001	470
	10/8/2012	3	<0.001	0.7	0.26	0.018	<0.005	7.2	6600	<0.001	430
	3/20/2013	11	0.00066(J)	1.2	0.21	0.015	0.00038(J)	0.3(J)	5900	<0.001	810
	9/26/2013	14	<0.001	1	0.12	0.0089	<0.001	<5	6800	<0.001	840
	3/19/2014	13	0.002	1.2	0.17	0.014	<0.001	<5	3000	<0.001	850
	9/17/2014	11	<0.01	0.54(B)	0.34	<0.01	0.018	<5	6900	<0.01	1100
	3/25/2015	0.18	0.00035(J)	0.046	0.036	0.0005(J)	<0.002	<5	670	<0.002	93
	9/24/2015	1.34	0.00199	0.0563	0.0557	<0.002	<0.002	0.279	8960	<0.002	1350
	2/19/2016	36	0.00271(J)	1.02	0.338	<0.018	<0.018	0.0956(J)	5260	<0.018	474
	8/29/2016	17.3	<0.018	0.808	0.382	<0.018	<0.018	<5	5960	<0.018	1200
	3/6/2017	172	0.00597	1.62	0.218	0.00185(J)	<0.002	1.39(J)	5480	<0.002	942
	9/1/2017	10.4	0.000404(J)	0.757	0.132	0.00112(J)	<0.002	8.09	4690	<0.002	268
	6/13/2018	8.12	0.00245(B)	0.802	0.122	0.00099(J)	<0.002	4.45(J)	4680	<0.002	213

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Historical Database, Mississippi County Class 1 Landfill

		Iron (mg/l)	Lead (mg/l)	Manganese (mg/l)	Nickel (mg/l)	Selenium (mg/l)	Silver (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Thallium (mg/l)	TOC (mg/l)
LEACHATE#1 (cont.)	12/20/2018	15.8	0.000756(J)	0.955	0.262	0.00254	<0.002	5.43	5400	<0.002	372
	6/20/2019	6.86	0.000521(J)	0.71	0.215	0.00165(J)	<0.002	0.856(J)	5980	<0.002	389
	12/5/2019	6.55	0.0005(BJ)	0.747	0.131	0.00118(BJ)	<0.002	1.56(BJ)	4170	<0.002	208
	6/10/2020	72.1	0.00623	0.723	0.341	0.00191(J)	<0.002	1.25(J)	5320	<0.002	492
	12/11/2020	7.02	<0.002	0.681	0.225	0.00149(J)	<0.002	0.978(J)	5520	<0.002	317
	6/17/2021	52.6	0.00377	0.771	0.288	0.00156(J)	<0.002	<25	5850	<0.002	383
	12/10/2021	7.64	<0.01	0.439	0.281	0.00186(J)	<0.01	<100	4010	<0.01	319
LEACHATE#2	downgradient										
	6/13/2018	18.3	0.00322(B)	4.19	0.0183	0.000468(J)	<0.002	<5	774	<0.002	29.8
	12/20/2018	18.3	<0.002	8.1	0.0407	0.000679(J)	<0.002	0.585(J)	1590	<0.002	75.3
	6/20/2019	26.4	0.000255(J)	9.88	0.0941	0.00142(J)	<0.002	1.33(J)	3650	<0.002	168
	12/5/2019	13.4	0.000617(BJ)	7.15	0.0989	0.00146(BJ)	<0.002	1.88(BJ)	3150	<0.002	151
	6/10/2020	455	0.00306(J)	2.26	0.0951	0.00275	<0.002	4.36(J)	3060	<0.002	159
	12/11/2020	13.6	<0.002	5.84	0.103	0.00147(J)	<0.002	0.713(J)	3370(B)	<0.002	158
	6/17/2021	13.1	<0.002	1.33	0.00834	0.000323(J)	<0.002	32.7	390	<0.002	28.8
	12/10/2021	73.7	0.00124(J)	2.59	0.104	0.0014(J)	<0.002	<50	2530	<0.002	169

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Historical Database, Mississippi County Class 1 Landfill

MW-1	downgradient	Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
	10/27/1993	<0.002	0.393	n/a	6.8	n/a	n/a	<42	<5.22	<1.96	<1.6	<1.89	<1.51	<2.58
	3/15/1994	0.002	0.164	n/a	6.7	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/14/1994	<0.002	0.031	n/a	6.9	n/a	n/a	<19.1	<3.24	1.58	<0.25	0.64	<1.01	<0.81
	9/15/1994	<0.002	0.022	n/a	6.4	n/a	n/a	<19.1	<3.24	0.4	<0.25	<0.22	<1.01	<0.81
	12/22/1994	<0.002	0.016	n/a	6.5	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/2/1995	<0.002	0.344	n/a	6.8	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	12/14/1995	<0.002	0.226	n/a	6.8	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/13/1996	<0.008	<0.002	n/a	6.3	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.96
	11/26/1996	<0.008	0.041	n/a	7.1	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	4/23/1997	<0.008	0.22	n/a	6.6	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	10/8/1997	0.013	0.004	n/a	6.3	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	4/13/1998	<0.008	<0.002	n/a	6.2	n/a	n/a	<5	<2	<0.04	<0.04	<0.07	<0.06	<0.09
	11/5/1998	<0.008	0.0044	n/a	6	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/1/1999	0.01	<0.002	n/a	6.3	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/22/1999	<0.008	0.0032	n/a	5.7	n/a	n/a	<5	<2	<0.1	<0.1	0.1	<0.1	<0.5
	5/10/2000	<0.008	0.0042	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/12/2000	<0.008	<0.002	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/26/2001	<0.008	0.0025	n/a	6.7	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	1.4	<0.5
	10/26/2001	<0.008	0.0073	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/10/2002	<0.008	0.0048	n/a	7.4	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	11/6/2002	<0.008	<0.002	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/18/2003	<0.008	<0.002	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	11/5/2003	<0.008	0.0081	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/29/2004	<0.008	0.0038	n/a	6.7	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/20/2004	<0.008	<0.002	n/a	6.4	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/27/2005	<0.008	0.019	n/a	7	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5

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MW-1 (cont.)	10/4/2005	<0.008	0.0047	n/a	6.4	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/26/2006	<0.008	0.009	n/a	7	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	10/3/2006	<0.008	0.012	n/a	6.9	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/11/2007	<0.008	0.021	n/a	6.7	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	10/4/2007	<0.008	0.15	n/a	7.7	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/21/2008	<0.01	<0.01	n/a	7	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	10/9/2008	<0.01	0.019	n/a	6.8	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	6/11/2009	<0.01	0.03	n/a	6.6	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	11/12/2009	<0.01	0.021	n/a	6.6	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	4/13/2010	<0.00018	0.017	n/a	6.5	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	10/11/2010	0.00026(J)	0.012(B)	n/a	6.6	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	4/12/2011	<0.002	0.0051(J)	n/a	6.5	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	12/6/2011	0.00049	<0.01	n/a	6.7	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	5/7/2012	<0.002	0.0036(J)	n/a	6.7	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	10/8/2012	0.00041(J)	<0.01	n/a	6.5	n/a	7	<50	<10	<1	<1	<1	<1	<5
	3/19/2013	<0.002	<0.01	n/a	7	n/a	6	<50	<10	<1	<1	<1	<1	<5
	9/24/2013	0.00064(J)	<0.01	n/a	6.9	n/a	0	<50	<10	<1	<1	<1	<1	<5
	3/18/2014	0.00023(J)	<0.01	n/a	6.9	n/a	9	<50	<10	<1	<1	<1	<1	<5
	9/16/2014	0.0055	0.003(J)	n/a	6.6	n/a	9	<50	<10	<1	<1	<1	<1	<5
	3/24/2015	<0.005	<0.025	n/a	6.4	n/a	6	<50	<10	<1	<1	<1	<1	<5
	9/24/2015	0.000226	<0.025	n/a	6.7	n/a	7	<50	<10	<1	<1	<1	<1	<5
	2/9/2016	0.000194(J)	<0.025	n/a	6.7	n/a	9.7	<50	<10	<1	<1	<1	<1	<5
	5/23/2016	n/a	n/a	n/a	6.7	n/a	8.9	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/25/2016	0.000189(J)	<0.025	n/a	6.8	n/a	1.8	<50	<10	<1	<1	<1	<1	<5
	12/1/2016	n/a	n/a	n/a	6.8	n/a	1.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/6/2017	<0.005	<0.025	n/a	6.5	n/a	5.3	<50	<10	<1	<1	<1	<1	<5
	5/24/2017	0.000229(BJ)	<0.025	n/a	7.1	n/a	4.9	<50	<10	<1	<1	<1	<1	<5

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MW-1 (cont.)	9/1/2017	0.000284(J)	0.0205(J)	n/a	6.8	n/a	0.3	<50	<10	<1	<1	<1	<1	<5
	11/17/2017	<0.005	<0.025	n/a	6.7	n/a	1.1	<50	<10	<1	<1	<1	<1	<5
	3/14/2018	<0.005	0.0032(J)	n/a	6.7	n/a	5.8	<50	<10	<1	<1	<1	<1	<5
	6/14/2018	0.000195(BJ)	0.00318(J)	n/a	6.7	n/a	1.5	<50	<10	<1	<1	<1	<1	n/a
	9/13/2018	0.000201(J)	<0.025	n/a	6.6	n/a	5.5	<50	<10	<1	<1	<1	<1	n/a
	12/13/2018	<0.005	<0.025	n/a	6.8	n/a	1.9	<50	<10	<1	<1	<1	<1	n/a
	3/18/2019	<0.005	<0.025	n/a	6.9	n/a	1.8	<50	<10	<1	<1	<1	<1	<5
	6/14/2019	<0.005	<0.025	n/a	6.7	n/a	1.91	<50	<10	<1	<1	<1	<1	<5
	9/24/2019	<0.005	<0.025	n/a	6.8	n/a	6.5	<50	<10	<1	<1	<1	<1	<5
	12/3/2019	0.000275(BJ)	0.00285(BJ)	n/a	6.8	n/a	3.7	<50	<10	<1	<1	<1	<1	<5
	3/13/2020	0.000194(J)	<0.025	n/a	6.6	n/a	3.05	<50	<10	<1	<1	<1	<1	<5
	6/3/2020	<0.005	<0.025	n/a	6.6	n/a	4	<50	<10	<1	<1	<1	<1	<5
	9/15/2020	<0.005	<0.025	905	6.9	20.4	1.9	<50	<10	<1	<1	<1	<1	<5
	12/8/2020	<0.005	0.0038(J)	662	6.7	18.6	2.1	<50	<10	<1	<1	<1	<1	<5
	3/11/2021	<0.005	0.00988(BJ)	819	6.9	18.4	4.8	<50	<10	<1	<1	<1	<1	<5
	6/17/2021	<0.005	<0.025	n/a	6.8	n/a	7.3	<50	<10	<1	<1	<1	<1	<5
	9/10/2021	<0.005	<0.025	n/a	6.9	n/a	4.2	<50	<10	<1	<1	<1	<1	<5
	12/10/2021	<0.005	0.0772	n/a	6.7	n/a	2.1	<50	<10	<1	<1	<1	<1	<5
MW-2	upgradient													
	10/27/1993	<0.002	0.035	n/a	6.9	n/a	n/a	<42	<5.22	<1.96	<1.6	<1.89	<1.51	<2.58
	3/15/1994	0.007	0.038	n/a	6.9	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/14/1994	0.004	0.076	n/a	7	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	9/15/1994	<0.002	0.04	n/a	6.8	n/a	n/a	<19.1	<3.24	0.37	<0.25	<0.22	<1.01	<0.81
	12/22/1994	0.005	0.033	n/a	n/a	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/2/1995	<0.002	0.132	n/a	6.9	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	12/14/1995	0.013	0.037	n/a	6.8	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/13/1996	<0.008	0.012	n/a	n/a	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.96

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Historical Database, Mississippi County Class 1 Landfill

		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
MW-2 (cont.)	11/26/1996	<0.008	<0.002	n/a	8.2	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	4/23/1997	<0.008	0.19	n/a	7.3	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	10/8/1997	0.021	<0.002	n/a	7.4	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	4/13/1998	<0.008	<0.002	n/a	6.1	n/a	n/a	<5	<2	<0.04	<0.04	<0.07	<0.06	<0.09
	11/5/1998	<0.008	0.0041	n/a	6.1	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/1/1999	0.02	<0.002	n/a	6.4	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/22/1999	<0.008	0.0033	n/a	5.8	n/a	n/a	<5	<2	<0.1	<0.1	0.11	<0.1	<0.5
	5/10/2000	<0.008	<0.002	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/12/2000	<0.008	<0.002	n/a	7	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/26/2001	<0.008	0.0054	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/26/2001	<0.008	0.0062	n/a	7	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/10/2002	<0.008	0.01	n/a	7.3	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	11/6/2002	<0.008	<0.002	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/18/2003	<0.008	<0.002	n/a	7.1	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	11/5/2003	<0.008	0.0081	n/a	7	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/29/2004	<0.008	0.076	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/20/2004	<0.008	0.0034	n/a	6.5	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/27/2005	<0.008	0.0047	n/a	6	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/4/2005	<0.008	0.0032	n/a	6.5	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/26/2006	<0.008	0.0083	n/a	7.3	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	10/3/2006	<0.008	0.044	n/a	7.2	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/11/2007	<0.008	0.021	n/a	6.8	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	10/4/2007	<0.008	0.012	n/a	7.6	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/21/2008	<0.01	<0.01	n/a	7.1	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	10/9/2008	<0.01	0.017	n/a	6.9	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	6/11/2009	<0.01	0.099	n/a	6.6	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	11/12/2009	<0.01	0.028	n/a	6.5	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5

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Historical Database, Mississippi County Class 1 Landfill

MW-2 (cont.)		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
	4/13/2010	0.0021	0.015	n/a	6.8	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	10/11/2010	0.0019(J)	0.014(B)	n/a	6.7	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	4/12/2011	<0.002	<0.01	n/a	6.7	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	12/6/2011	0.00036	<0.01	n/a	6.8	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	5/7/2012	0.001(J)	0.0028(J)	n/a	6.8	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	10/8/2012	0.00047(J)	0.0035(J)	n/a	6.4	n/a	7	<50	<10	<1	<1	<1	<1	<5
	3/19/2013	<0.002	<0.01	n/a	6.9	n/a	4	<50	<10	<1	<1	<1	<1	<5
	9/24/2013	0.00076(J)	0.0032(J)	n/a	6.7	n/a	0	<50	<10	<1	<1	<1	<1	<5
	3/18/2014	<0.002	0.0026(J)	n/a	6.9	n/a	9	<50	<10	<1	<1	<1	<1	<5
	9/16/2014	0.0048	0.0043(J)	n/a	6.6	n/a	7.4	<50	<10	<1	<1	<1	<1	<5
	3/24/2015	0.00024(J)	0.0048(J)	n/a	6.6	n/a	1	<50	<10	<1	<1	<1	<1	<5
	9/23/2015	0.000623	<0.025	n/a	6.8	n/a	8.2	<50	<10	<1	<1	<1	<1	<5
	2/9/2016	0.00047(J)	<0.025	n/a	6.7	n/a	8.7	<50	<10	<1	<1	<1	<1	<5
	8/24/2016	0.00018(J)	<0.025	n/a	6.8	n/a	6.6	<50	<10	<1	<1	<1	<1	<5
	12/1/2016	n/a	n/a	n/a	6.4	n/a	1.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/3/2017	0.000609(J)	<0.025	n/a	7.4	n/a	2.8	<50	<10	<1	<1	<1	<1	<5
	5/23/2017	0.000834(BJ)	<0.025	n/a	6.7	n/a	2.5	<50	<10	<1	<1	<1	<1	<5
	8/31/2017	0.000497(J)	<0.025	n/a	6.7	n/a	1.6	<50	<10	<1	<1	<1	<1	<5
	11/17/2017	0.000349(J)	<0.025	n/a	6.7	n/a	6.3	<50	<10	<1	<1	<1	<1	<5
	3/12/2018	0.0018(J)	<0.025	n/a	6.8	n/a	5.1	<50	<10	<1	<1	<1	<1	<5
	6/13/2018	0.00143(BJ)	<0.025	n/a	6.9	n/a	3.1	<50	<10	<1	<1	<1	<1	n/a
	9/12/2018	0.000442(J)	<0.025	n/a	6.7	n/a	8.3	<50	<10	<1	<1	<1	<1	n/a
	12/12/2018	0.0011(J)	<0.025	n/a	7	n/a	4.65	<50	<10	<1	<1	<1	<1	n/a
	3/12/2019	0.00114(J)	<0.025	n/a	6.6	n/a	6.3	<50	<10	<1	<1	<1	<1	<5
	6/12/2019	0.000414(J)	<0.025	n/a	6.9	n/a	2.63	<50	<10	<1	<1	<1	<1	<5
	9/24/2019	<0.005	<0.025	n/a	6.9	n/a	6.6	<50	<10	<1	<1	<1	<1	<5
	12/3/2019	0.000632(BJ)	<0.025	n/a	6.9	n/a	2.8	<50	<10	<1	<1	<1	<1	<5

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Historical Database, Mississippi County Class 1 Landfill

		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
MW-2 (cont.)	3/12/2020	0.000723(J)	<0.025	n/a	6.9	n/a	1.48	<50	<10	<1	<1	<1	<1	<5
	6/2/2020	<0.005	<0.025	n/a	6.7	n/a	4.5	<50	<10	<1	<1	<1	<1	<5
	9/14/2020	<0.005	<0.025	785	6.7	21.2	3.3	<50	<10	<1	<1	<1	<1	<5
	12/8/2020	<0.005	0.00451(J)	767	6.8	18.4	1.3	<50	<10	<1	<1	<1	<1	<5
	3/11/2021	0.00153(J)	0.00508(BJ)	784	7.1	18.3	2.7	<50	<10	<1	<1	<1	<1	<5
	6/17/2021	0.000911(J)	<0.025	n/a	6.7	n/a	2.3	<50	<10	<1	<1	<1	<1	<5
	9/9/2021	0.000837(J)	<0.025	n/a	6.9	n/a	7	<50	<10	<1	<1	<1	<1	<5
	12/9/2021	<0.005	<0.025	n/a	6.9	n/a	4.3	<50	<10	<1	<1	<1	<1	<5
MW-3	downgradient													
	10/27/1993	<0.002	0.032	n/a	6.8	n/a	n/a	<42	<5.22	<1.96	<1.6	<1.89	<1.51	<2.58
	3/15/1994	0.004	0.056	n/a	6.8	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/14/1994	0.002	0.038	n/a	7	n/a	n/a	<19.1	<3.24	0.59	<0.25	0.3	<1.01	<0.81
	9/15/1994	0.007	0.054	n/a	6.6	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	12/22/1994	<0.002	0.036	n/a	n/a	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/2/1995	<0.002	0.181	n/a	6.9	n/a	n/a	<19.1	<3.24	0.46	<0.25	<0.22	<1.01	<0.81
	12/14/1995	0.007	0.04	n/a	6.9	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/13/1996	<0.008	0.009	n/a	n/a	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.96
	11/26/1996	<0.008	0.031	n/a	7.4	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	4/23/1997	<0.008	0.15	n/a	7.2	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	10/8/1997	0.018	0.003	n/a	6.6	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	4/13/1998	<0.008	<0.002	n/a	6.5	n/a	n/a	<5	<2	<0.04	<0.04	<0.07	<0.06	<0.09
	11/5/1998	<0.008	0.0055	n/a	6.1	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/1/1999	0.015	<0.002	n/a	6.3	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/22/1999	<0.008	0.0031	n/a	6	n/a	n/a	<5	<2	<0.1	<0.1	0.1	<0.1	<0.5
	5/10/2000	<0.008	<0.002	n/a	7	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/12/2000	<0.008	<0.002	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/26/2001	<0.008	0.0041	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5

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Historical Database, Mississippi County Class 1 Landfill

Well ID	Date	Analyte												
		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
MW-3 (cont.)	10/26/2001	<0.008	0.006	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	0.11	<0.1	<0.5
	4/10/2002	<0.008	<0.002	n/a	7.1	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	11/6/2002	<0.008	<0.002	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/18/2003	<0.008	<0.002	n/a	7.1	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	11/5/2003	<0.008	0.007	n/a	7	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/29/2004	<0.008	0.0085	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/20/2004	<0.008	0.0022	n/a	6.2	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/27/2005	<0.008	0.0086	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/4/2005	<0.008	0.006	n/a	6.4	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/26/2006	<0.008	0.0075	n/a	7.3	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	10/3/2006	<0.008	0.019	n/a	7.1	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/11/2007	<0.008	0.024	n/a	6.8	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	10/4/2007	<0.008	0.013	n/a	7.7	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/21/2008	<0.01	0.013	n/a	7.1	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	10/9/2008	<0.01	0.023	n/a	6.9	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	6/11/2009	<0.01	0.15	n/a	6.6	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	11/12/2009	<0.01	0.053	n/a	6.6	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	4/13/2010	<0.00018	0.02	n/a	6.8	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	10/11/2010	0.00026(J)	0.02(B)	n/a	6.8	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	4/12/2011	<0.002	<0.01	n/a	6.7	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	12/6/2011	0.00018	<0.01	n/a	6.7	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	5/7/2012	<0.002	<0.01	n/a	6.8	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	10/8/2012	0.00028(J)	<0.01	n/a	6.1	n/a	9	<50	<10	<1	<1	<1	<1	<5
	3/20/2013	<0.002	<0.01	n/a	6.8	n/a	0	<50	<10	<1	<1	<1	<1	<5
	9/25/2013	0.00073(J)	0.011	n/a	6.7	n/a	0	<50	<10	<1	<1	<1	<1	<5
	3/18/2014	<0.002	<0.01	n/a	6.8	n/a	4	<50	<10	<1	<1	<1	<1	<5
	9/16/2014	0.0035	0.0028(J)	n/a	6.6	n/a	9.2	<50	<10	<1	<1	<1	<1	<5

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Historical Database, Mississippi County Class 1 Landfill

		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
MW-3 (cont.)	3/24/2015	<0.005	<0.025	n/a	6.1	n/a	9	<50	<10	<1	<1	<1	<1	<5
	9/21/2015	0.000301	<0.025	n/a	6.7	n/a	6.3	<50	<10	<1	<1	<1	<1	<5
	2/17/2016	0.000265(J)	<0.025	n/a	6.7	n/a	9.2	<50	<10	<1	<1	<1	<1	<5
	5/23/2016	n/a	n/a	n/a	6.6	n/a	8.7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016	<0.005	<0.025	n/a	7.4	n/a	5.6	<50	<10	<1	<1	<1	<1	<5
	12/1/2016	n/a	n/a	n/a	6.7	n/a	0.7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/6/2017	<0.005	<0.025	n/a	6.4	n/a	7.6	<50	<10	<1	<1	<1	<1	<5
	5/24/2017	0.000196(BJ)	<0.025	n/a	7.1	n/a	1.3	<50	<10	<1	<1	<1	<1	<5
	9/1/2017	<0.005	<0.025	n/a	6.7	n/a	1.2	<50	<10	<1	<1	<1	<1	<5
	11/17/2017	<0.005	<0.025	n/a	6.7	n/a	1.9	<50	<10	<1	<1	<1	<1	<5
	3/13/2018	<0.005	<0.025	n/a	6.5	n/a	9.2	<50	<10	<1	<1	<1	<1	<5
	6/13/2018	<0.005	<0.025	n/a	6.7	n/a	15.1	<50	<10	<1	<1	<1	<1	n/a
	9/13/2018	<0.005	0.00969(J)	n/a	6.4	n/a	2.7	<50	<10	<1	<1	<1	<1	n/a
	12/13/2018	0.000241(J)	<0.025	n/a	6.6	n/a	1.13	<50	<10	<1	<1	<1	<1	n/a
	3/18/2019	<0.005	<0.025	n/a	6.8	n/a	14.1	<50	<10	<1	<1	<1	<1	<5
	6/13/2019	0.000182(J)	<0.025	n/a	6.8	n/a	9.81	23.7(J)	<10	<1	<1	<1	<1	<5
	9/24/2019	<0.005	<0.025	n/a	6.7	n/a	1.7	<50	<10	<1	<1	<1	<1	<5
	12/3/2019	0.000242(BJ)	0.00314(BJ)	n/a	6.5	n/a	0.9	<50	<10	<1	<1	<1	<1	<5
	3/13/2020	0.000206(J)	<0.025	n/a	6.8	n/a	16.3	<50	<10	<1	<1	<1	<1	<5
	6/2/2020	<0.005	<0.025	n/a	6.5	n/a	9.9	<50	<10	<1	<1	<1	<1	<5
	9/15/2020	<0.005	<0.025	946	6.7	21.9	9.9	<50	<10	<1	<1	<1	<1	<5
	12/8/2020	<0.005	<0.025	1143	6.5	19.8	2.9	<50	<10	<1	<1	<1	<1	<5
	3/11/2021	<0.005	0.00721(BJ)	1108	6.6	18.7	9.7	<50	<10	<1	<1	<1	<1	<5
	6/17/2021	<0.005	<0.025	n/a	6.4	n/a	7.9	<50	<10	<1	<1	<1	<1	<5
	9/9/2021	<0.005	<0.025	n/a	6.7	n/a	8.5	<50	<10	<1	<1	<1	<1	<5
	12/10/2021	<0.005	<0.025	n/a	6.6	n/a	7.2	<50	<10	<1	<1	<1	<1	<5
MW-4	downgradient													

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Historical Database, Mississippi County Class 1 Landfill

		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
MW-4 (cont.)	10/27/1993	<0.002	0.038	n/a	7	n/a	n/a	<42	<5.22	<1.96	<1.6	<1.89	<1.51	<2.58
	3/15/1994	0.004	0.063	n/a	6.8	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/14/1994	0.003	0.081	n/a	6.9	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	9/15/1994	<0.002	0.033	n/a	6.7	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	12/22/1994	<0.002	0.017	n/a	n/a	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/2/1995	<0.002	0.024	n/a	6.9	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	12/14/1995	<0.002	0.026	n/a	6.8	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/13/1996	<0.008	0.004	n/a	n/a	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.96
	11/26/1996	<0.008	<0.002	n/a	7.7	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	4/23/1997	<0.008	0.13	n/a	7.4	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	10/8/1997	0.013	0.002	n/a	6.5	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	4/13/1998	<0.008	0.002	n/a	5.7	n/a	n/a	<5	<2	<0.04	<0.04	<0.07	<0.06	<0.09
	11/5/1998	<0.008	0.0039	n/a	5.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/1/1999	0.0081	0.0026	n/a	6.6	n/a	n/a	<5	<2	<0.1	<0.1	0.1	<0.1	<0.5
MW-4R	downgradient													
	10/22/1999	<0.008	0.0046	n/a	6.5	n/a	n/a	<5	<2	<0.1	<0.1	0.12	<0.1	<0.5
	5/10/2000	<0.008	0.0047	n/a	7	n/a	n/a	<5	<2	<0.1	<0.1	0.21	<0.1	<0.5
	10/12/2000	<0.008	<0.002	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/26/2001	<0.008	0.0031	n/a	6.5	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/26/2001	<0.008	0.0072	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/10/2002	<0.008	0.0081	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	11/6/2002	<0.008	0.003	n/a	6.7	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/18/2003	<0.008	<0.002	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	11/5/2003	<0.008	0.0085	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/29/2004	<0.008	0.0047	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/20/2004	<0.008	0.0042	n/a	6.5	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/27/2005	<0.008	0.0092	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5

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Historical Database, Mississippi County Class 1 Landfill

		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
MW-4R (cont.)	10/4/2005	<0.008	0.0034	n/a	6.6	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/26/2006	<0.008	0.0095	n/a	7.1	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	10/3/2006	<0.008	0.013	n/a	7.5	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/11/2007	<0.008	0.025	n/a	6.6	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	10/4/2007	<0.008	0.02	n/a	7.7	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/21/2008	<0.01	0.013	n/a	7.1	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	10/9/2008	<0.01	0.031	n/a	6.9	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
MW-4R2	downgradient													
	6/11/2009	<0.01	0.11	n/a	6.6	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	11/12/2009	<0.01	0.023	n/a	6.6	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	4/14/2010	<0.00018	0.019	n/a	6.8	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	10/12/2010	0.00026(J)	0.015(B)	n/a	6.8	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	4/13/2011	<0.002	<0.01	n/a	6.8	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	12/6/2011	<0.002	<0.01	n/a	6.7	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	5/7/2012	<0.002	<0.01	n/a	6.9	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	10/8/2012	0.00029(J)	0.011	n/a	6.3	n/a	8	<50	<10	<1	<1	<1	<1	<5
	3/20/2013	<0.002	<0.01	n/a	7.3	n/a	6	<50	<10	<1	<1	<1	<1	<5
	9/25/2013	0.00057(J)	0.0033(J)	n/a	6.7	n/a	2	<50	<10	<1	<1	<1	<1	<5
	3/18/2014	<0.01	<0.05	n/a	6.9	n/a	10	<50	<10	<1	<1	<1	<1	<5
	9/16/2014	0.0029	<0.01	n/a	6.6	n/a	9.8	<50	<10	<1	<1	<1	<1	<5
	3/24/2015	<0.005	<0.025	n/a	6.5	n/a	10	<50	<10	<1	<1	<1	<1	<5
	9/23/2015	0.0003	<0.025	n/a	6.7	n/a	8	<50	<10	<1	<1	<1	<1	<5
	2/9/2016	0.000246(J)	<0.025	n/a	8.5(R)	n/a	2.6	<50	<10	<1	<1	<1	<1	<5
	8/24/2016	<0.005	<0.025	n/a	6.9	n/a	9.6	<50	<10	<1	<1	<1	<1	<5
	3/3/2017	<0.005	0.00449(J)	n/a	6.6	n/a	7.4	<50	<10	<1	<1	<1	<1	<5
	5/23/2017	0.000208(BJ)	0.00406(BJ)	n/a	6.9	n/a	6.3	<50	<10	<1	<1	<1	<1	<5
	9/1/2017	<0.005	<0.025	n/a	6.5	n/a	0.8	<50	<10	<1	<1	<1	<1	<5

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		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
MW-4R2 (cont.)	11/17/2017	<0.005	<0.025	n/a	6.7	n/a	7.1	<50	<10	<1	<1	<1	<1	<5
	3/12/2018	<0.005	<0.025	n/a	6.8	n/a	9.6	<50	<10	<1	<1	<1	<1	<5
	6/13/2018	<0.005	<0.025	n/a	6.9	n/a	9.4	<50	<10	<1	<1	<1	<1	n/a
	9/12/2018	0.000194(J)	<0.025	n/a	6.6	n/a	9.7	<50	<10	<1	<1	<1	<1	n/a
	12/12/2018	<0.005	<0.025	n/a	7	n/a	6.1	<50	<10	<1	<1	<1	<1	n/a
	3/12/2019	<0.005	0.00562(J)	n/a	6.8	n/a	18.3	<50	<10	<1	<1	<1	<1	<5
	6/12/2019	<0.005	<0.025	n/a	6.5	n/a	9.4	<50	<10	<1	<1	<1	<1	<5
	9/24/2019	<0.005	<0.025	n/a	6.8	n/a	6.1	<50	<10	<1	<1	<1	<1	<5
	12/3/2019	0.000264(BJ)	<0.025	n/a	6.8	n/a	4.8	<50	<10	<1	<1	<1	<1	<5
	3/12/2020	0.000219(J)	<0.025	n/a	6.8	n/a	8.65	<50	<10	<1	<1	<1	<1	<5
	6/2/2020	<0.005	<0.025	n/a	6.7	n/a	7.6	<50	<10	<1	<1	<1	<1	<5
	9/14/2020	<0.005	<0.025	575	6.6	24	11.9	<50	<10	<1	<1	<1	<1	<5
	12/8/2020	<0.005	<0.025	500	6.3	18.1	5.7	<50	<10	<1	<1	<1	<1	<5
	3/11/2021	<0.005	0.00747(BJ)	531	6.8	19.5	9.5	<50	<10	<1	<1	<1	<1	<5
	6/17/2021	<0.005	<0.025	n/a	6.8	n/a	28.2	<50	<10	<1	<1	<1	<1	<5
	9/9/2021	<0.005	<0.025	n/a	6.8	n/a	9.7	<50	<10	<1	<1	<1	<1	<5
	12/9/2021	<0.005	<0.025	n/a	6.8	n/a	9.7	<50	<10	<1	<1	<1	<1	<5
MW-5	downgradient													
	6/14/1994	0.463	0.728	n/a	7.1	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	9/15/1994	0.038	0.089	n/a	6.6	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	12/22/1994	0.076	0.148	n/a	n/a	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/2/1995	<0.002	0.068	n/a	6.9	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	12/14/1995	0.02	0.03	n/a	7	n/a	n/a	<19.1	<3.24	<0.33	<0.25	<0.22	<1.01	<0.81
	6/13/1996	<0.008	0.009	n/a	n/a	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.96
	11/26/1996	<0.008	0.004	n/a	7	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	4/23/1997	0.018	0.14	n/a	7.4	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44
	10/8/1997	<0.008	0.006	n/a	6.8	n/a	n/a	<40	<10	<0.16	<0.16	<0.32	<0.48	<0.44

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		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
MW-5 (cont.)	4/13/1998	<0.008	<0.002	n/a	6.6	n/a	n/a	<5	<2	<0.04	<0.04	0.07	<0.06	<0.09
	11/5/1998	<0.008	0.0045	n/a	6.1	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/1/1999	0.0086	0.0021	n/a	6.3	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/22/1999	<0.008	0.0039	n/a	6	n/a	n/a	<5	<2	<0.1	<0.1	0.15	<0.1	<0.5
	5/10/2000	<0.008	<0.002	n/a	7	n/a	n/a	<5	<2	<0.1	<0.1	0.16	<0.1	<0.5
	10/12/2000	<0.008	<0.002	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/26/2001	<0.008	0.021	n/a	6.7	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/26/2001	<0.008	0.0093	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/10/2002	<0.008	0.007	n/a	7	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	11/6/2002	<0.008	0.056	n/a	7.1	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/18/2003	<0.008	<0.002	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
MW-5R	downgradient													
	11/5/2003	<0.008	0.015	n/a	7	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/29/2004	<0.008	0.0047	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/20/2004	<0.008	0.0027	n/a	6.5	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/27/2005	<0.008	0.01	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/4/2005	<0.008	0.004	n/a	6.5	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/26/2006	<0.008	0.011	n/a	7.3	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	10/3/2006	<0.008	0.013	n/a	7.6	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/11/2007	<0.008	0.02	n/a	6.7	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	10/4/2007	<0.008	0.019	n/a	7.9	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/21/2008	<0.01	0.04	n/a	7.2	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	10/9/2008	<0.01	0.061	n/a	7	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	6/11/2009	<0.01	0.021	n/a	6.6	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	11/12/2009	<0.01	0.023	n/a	6.7	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	4/14/2010	<0.00018	0.019	n/a	6.8	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	10/12/2010	0.00021(J)	0.015(B)	n/a	6.8	n/a	n/a	<50	<10	<1	<1	<1	<1	<5

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Historical Database, Mississippi County Class 1 Landfill

MW-5R (cont.)		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
	4/13/2011	<0.002	<0.01	n/a	6.8	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	12/6/2011	<0.002	<0.01	n/a	6.9	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	5/7/2012	<0.002	<0.01	n/a	6.7	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	10/8/2012	0.00026(J)	<0.01	n/a	6.4	n/a	8	<50	<10	<1	<1	<1	<1	<5
	3/20/2013	<0.002	<0.01	n/a	7	n/a	7	<50	<10	<1	<1	<1	<1	<5
	9/25/2013	0.00052(J)	<0.01	n/a	6.8	n/a	0	<50	<10	<1	<1	<1	<1	<5
	3/18/2014	<0.01	<0.05	n/a	6.9	n/a	5	<50	<10	<1	<1	<1	<1	<5
	9/17/2014	0.0025	0.0041(J)	n/a	6.8	n/a	9.7	<50	<10	<1	<1	<1	<1	<5
	3/24/2015	<0.005	0.0026(J)	n/a	6.8	n/a	1	<50	<10	<1	<1	<1	<1	<5
	9/23/2015	0.000339	<0.025	n/a	6.8	n/a	1.9	<50	<10	<1	<1	<1	<1	<5
	2/9/2016	<0.005	<0.025	n/a	6.8	n/a	1.7	<50	<10	<1	<1	<1	<1	<5
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016	<0.005	0.0174(J)	n/a	6.9	n/a	5	<50	<10	<1	<1	<1	<1	<5
	3/3/2017	<0.005	<0.025	n/a	6.2	n/a	6.6	<50	<10	<1	<1	<1	<1	<5
	5/23/2017	<0.005	<0.025	n/a	7.5	n/a	7.1	<50	<10	<1	<1	<1	<1	<5
	9/1/2017	<0.005	<0.025	n/a	6.7	n/a	0.5	<50	<10	<1	<1	<1	<1	<5
	11/17/2017	<0.005	<0.025	n/a	6.8	n/a	0.9	<50	<10	<1	<1	<1	<1	<5
	3/13/2018	0.000327(J)	0.00317(J)	n/a	6.9	n/a	3.1	<50	<10	<1	<1	<1	<1	<5
	6/13/2018	<0.005	<0.025	n/a	6.8	n/a	3.8	<50	<10	<1	<1	<1	<1	n/a
	9/13/2018	<0.005	<0.025	n/a	6.5	n/a	7.9	<50	<10	<1	<1	<1	<1	n/a
	12/13/2018	0.000276(J)	<0.025	n/a	7	n/a	7.24	<50	<10	<1	<1	<1	<1	n/a
	3/13/2019	<0.005	<0.025	n/a	6.9	n/a	5.7	<50	<10	<1	<1	<1	<1	<5
	6/13/2019	<0.005	<0.025	n/a	6.8	n/a	8.57	<50	<10	<1	<1	<1	<1	<5
	9/24/2019	<0.005	<0.025	n/a	6.9	n/a	5.3	<50	<10	<1	<1	<1	<1	<5
	12/3/2019	0.000207(BJ)	0.00308(BJ)	n/a	6.9	n/a	6.9	<50	<10	<1	<1	<1	<1	<5
	3/12/2020	<0.005	<0.025	n/a	6.9	n/a	9.52	<50	<10	<1	<1	<1	<1	<5
	6/2/2020	<0.005	<0.025	n/a	6.8	n/a	4.9	<50	<10	<1	<1	<1	<1	<5

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Historical Database, Mississippi County Class 1 Landfill

		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
MW-5R (cont.)	9/14/2020	<0.005	<0.025	602	6.8	21.4	9.3	<50	<10	<1	<1	<1	<1	<5
	12/8/2020	<0.005	0.00315(J)	507	6.7	18.8	9.1	<50	<10	<1	<1	<1	<1	<5
	3/11/2021	<0.005	0.00663(BJ)	550	7	18.9	5.5	<50	<10	<1	<1	<1	<1	<5
	6/17/2021	<0.005	0.00304(J)	n/a	6.8	n/a	4.7	<50	<10	<1	<1	<1	<1	<5
	9/9/2021	<0.005	<0.025	n/a	6.8	n/a	5.2	<50	<10	<1	<1	<1	<1	<5
	12/9/2021	<0.005	<0.025	n/a	6.7	n/a	2.7	<50	<10	<1	<1	<1	<1	<5
	downgradient													
MW-6	11/5/2003	<0.008	0.011	n/a	7	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/29/2004	<0.008	0.032	n/a	6.9	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/20/2004	<0.008	0.0032	n/a	6.3	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	4/27/2005	<0.008	0.016	n/a	6.8	n/a	n/a	<5	<2	<0.1	<0.1	<0.1	<0.1	<0.5
	10/4/2005	<0.008	0.0028	n/a	6.5	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/26/2006	<0.008	0.0083	n/a	7.2	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	10/3/2006	<0.008	0.014	n/a	7.2	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/11/2007	<0.008	0.027	n/a	6.8	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	10/4/2007	<0.008	0.013	n/a	7.9	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	4/21/2008	<0.01	<0.01	n/a	7.1	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	10/9/2008	<0.01	0.019	n/a	6.9	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	6/11/2009	<0.01	0.031	n/a	6.8	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	11/12/2009	<0.01	0.019	n/a	6.7	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	4/14/2010	<0.00018	0.016	n/a	6.7	n/a	n/a	<25	<1.7	<0.29	<0.44	<0.37	<0.51	<2.5
	10/12/2010	0.00022(J)	0.015(B)	n/a	6.7	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	4/13/2011	<0.002	<0.01	n/a	6.8	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	12/6/2011	<0.002	<0.01	n/a	6.9	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	5/8/2012	<0.002	<0.01	n/a	6.9	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	10/8/2012	0.00027(J)	<0.01	n/a	6	n/a	7	<50	<10	<1	<1	<1	<1	<5
	3/20/2013	<0.002	<0.01	n/a	7.1	n/a	0	<50	<10	<1	<1	<1	<1	<5

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Historical Database, Mississippi County Class 1 Landfill

MW-6 (cont.)		Vanadium (mg/l)		Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
	9/25/2013	<0.002		0.0036(J)	n/a	7	n/a	0	<50	<10	<1	<1	<1	<1	<5
	3/19/2014	0.00026(J)		0.0039(J)	n/a	6.9	n/a	5	<50	<10	<1	<1	<1	<1	<5
	9/17/2014	0.0024		0.0028(J)	n/a	6.9	n/a	8.1	<50	<10	<1	<1	<1	<1	<5
	3/24/2015	<0.005		<0.025	n/a	6.7	n/a	2	<50	<10	<1	<1	<1	<1	<5
	9/23/2015	0.000281		<0.025	n/a	6.9	n/a	8.9	<50	<10	<1	<1	<1	<1	<5
	2/9/2016	0.000213(J)		<0.025	n/a	6.5	n/a	7.1	<50	<10	<1	<1	<1	<1	<5
	5/23/2016	n/a		n/a	n/a	6.8	n/a	7.9	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016	<0.005		<0.025	n/a	7	n/a	6.3	<50	<10	<1	<1	<1	<1	<5
	3/6/2017	<0.005		0.00261(J)	n/a	6.9	n/a	6.2	<50	<10	<1	<1	<1	<1	<5
	5/23/2017	0.000219(BJ)		0.00283(BJ)	n/a	7.2	n/a	7.1	<50	<10	<1	<1	<1	<1	<5
	9/1/2017	<0.005		<0.025	n/a	6.8	n/a	0	<50	<10	<1	<1	<1	<1	<5
	11/17/2017	<0.005		<0.025	n/a	6.7	n/a	5.8	<50	<10	<1	<1	<1	<1	<5
	3/13/2018	0.000306(J)		0.00362(J)	n/a	6.7	n/a	8.3	<50	<10	<1	<1	<1	<1	<5
	6/13/2018	0.000182(BJ)		<0.025	n/a	6.8	n/a	6.9	<50	<10	<1	<1	<1	<1	n/a
	9/13/2018	<0.005		<0.025	n/a	6.6	n/a	4.3	<50	<10	<1	<1	<1	<1	n/a
	12/13/2018	<0.005		<0.025	n/a	6.9	n/a	5.86	<50	<10	<1	<1	<1	<1	n/a
	3/14/2019	<0.005		<0.025	n/a	6.8	n/a	7.3	<50	<10	<1	<1	<1	<1	<5
	6/13/2019	<0.005		0.00272(J)	n/a	6.8	n/a	9.97	<50	<10	<1	<1	<1	<1	<5
	9/24/2019	<0.005		<0.025	n/a	6.8	n/a	8.3	<50	<10	<1	<1	<1	<1	<5
	12/3/2019	0.000183(BJ)		<0.025	n/a	6.9	n/a	2.3	<50	<10	<1	<1	<1	<1	<5
	3/13/2020	0.000242(J)		<0.025	n/a	6.9	n/a	9.46	<50	<10	<1	<1	<1	<1	<5
	6/2/2020	<0.005		<0.025	n/a	6.9	n/a	8.4	<50	<10	<1	<1	<1	<1	<5
	9/14/2020	<0.005		<0.025	883	6.9	24.4	9.8	<50	<10	<1	<1	<1	<1	<5
	12/8/2020	<0.005		<0.025	742	6.7	19.5	5.8	<50	<10	<1	<1	<1	<1	<5
	3/11/2021	<0.005		0.00495(BJ)	759	7	19.8	7.6	<50	<10	<1	<1	<1	<1	<5
	6/17/2021	<0.005		<0.025	n/a	6.9	n/a	8.1	<50	<10	<1	<1	<1	<1	<5
	9/9/2021	<0.005		<0.025	n/a	7.1	n/a	9.8	<50	<10	<1	<1	<1	<1	<5

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MW-6 (cont.)	12/9/2021	<0.005	0.00327(BJ)	n/a	6.8	n/a	7.9	<50	<10	<1	<1	<1	<1	<5
OB-1	upgradient													
	4/11/2007	<0.008	0.019	n/a	n/a	n/a	n/a	<5	<1.6	<0.24	<0.26	<0.21	<0.14	<0.26
	11/30/2016	<0.005	0.00626(BJ)	n/a	6.7	n/a	2.8	<50	<10	<1	<1	<1	<1	<5
	3/1/2017	0.000207(J)	0.0224(J)	n/a	5.4	n/a	7.7	<50	<10	<1	<1	<1	<1	<5
	5/17/2017	0.000266(J)	0.0301	n/a	6.6	n/a	5.1	<50	<10	<1	<1	<1	<1	<5
	8/16/2017	<0.005	<0.025	n/a	6.6	n/a	1.2	<50	<10	<1	<1	<1	<1	<5
	11/13/2017	<0.005	<0.025	n/a	6.9	n/a	3.8	<50	<10	<1	<1	<1	<1	<5
	3/12/2018	0.000305(J)	0.0423	n/a	6.7	n/a	3.9	<50	<10	<1	<1	<1	<1	<5
	6/11/2018	0.000211(J)	0.0185(J)	n/a	6.9	n/a	4.6	<50	<10	<1	<1	<1	<1	n/a
	9/12/2018	0.000183(J)	<0.025	n/a	6.8	n/a	2.1	<50	<10	<1	<1	<1	<1	n/a
	12/11/2018	0.000315(J)	0.0061(J)	n/a	7.1	n/a	8.43	<50	<10	<1	<1	<1	<1	n/a
	3/12/2019	0.000258(J)	0.0226(J)	n/a	6.8	n/a	8.6	<50	<10	<1	<1	<1	<1	<5
	6/12/2019	<0.005	0.0116(J)	n/a	6.7	n/a	8.58	<50	<10	<1	<1	<1	<1	<5
	9/24/2019	<0.005	<0.025	n/a	7	n/a	3.4	<50	<10	<1	<1	<1	<1	<5
	12/3/2019	0.000278(J)	0.004(J)	n/a	6.9	n/a	3.1	<50	<10	<1	<1	<1	<1	<5
	3/10/2020	0.000365(J)	0.0145(J)	n/a	6.5	n/a	3.34	<50	<10	<1	<1	<1	<1	<5
	6/2/2020	<0.005	<0.025	n/a	6.7	n/a	6.9	<50	<10	<1	<1	<1	<1	<5
	9/14/2020	<0.005	<0.025	676	6.9	19.3	2.5	<50	<10	<1	<1	<1	<1	<5
	12/8/2020	<0.005	0.00637(J)	555	6.9	17.2	1	<50	<10	<1	<1	<1	<1	<5
	3/9/2021	<0.005	0.0295(B)	651	6.8	18.2	3.5	<50	<10	<1	<1	<1	<1	<5
	6/14/2021	<0.005	0.0188(J)	n/a	6.8	n/a	3	<50	<10	<1	<1	<1	<1	<5
	9/8/2021	<0.005	0.00502(J)	n/a	6.8	n/a	5.1	<50	<10	<1	<1	<1	<1	<5
	12/7/2021	<0.005	0.0118(J)	n/a	n/a	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
MW-10	upgradient													
	4/2/2013	0.0012(J)	0.075	n/a	6.8	n/a	9	<50	<10	<1	<1	<1	<1	<5
	6/12/2013	0.00046(J)	<0.01	n/a	6.8	n/a	0	<50	<10	<1	<1	<1	<1	<5

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MW-10 (cont.)	9/25/2013	<0.002	<0.01	n/a	6.5	n/a	0	<50	<10	<1	<1	<1	<1	<5
	12/11/2013	<0.01	<0.01	n/a	6.7	n/a	0	<50	<10	<1	<1	<1	<1	<5
	3/19/2014	0.00097(J)	0.0032(J)	n/a	6.8	n/a	7	<50	<10	<1	<1	<1	<1	<5
	6/25/2014	0.00076(J)	0.0082(J)	n/a	6.9	n/a	6.3	<50	<10	<1	<1	<1	<1	<5
	9/18/2014	0.0025	0.0034(J)	n/a	6.7	n/a	5.1	<50	<10	<1	<1	<1	<1	<5
	12/16/2014	<0.005	0.011(J)	n/a	n/a	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	3/25/2015	0.00041(J)	<0.025	n/a	6.5	n/a	1	<50	<10	<1	<1	<1	<1	<5
	9/24/2015	0.00063	<0.025	n/a	6.6	n/a	2.2	<50	<10	<1	<1	<1	<1	<5
	2/18/2016	0.00104(J)	<0.025	n/a	6.6	n/a	6.2	<50	<10	<1	<1	<1	<1	<5
	8/25/2016	0.000546(J)	<0.025	n/a	6.7	n/a	3.7	<50	<10	<1	<1	<1	<1	<5
	5/18/2017	0.00105(J)	0.00305(J)	n/a	6.8	n/a	7.5	<50	<10	<1	<1	<1	<1	<5
	11/14/2017	0.000375(J)	<0.025	n/a	6.7	n/a	2	<50	<10	<1	<1	<1	<1	<5
	6/11/2018	0.000836(J)	<0.025	n/a	6.4	n/a	9.8	<50	<10	<1	<1	<1	<1	n/a
	12/17/2018	0.00204(J)	<0.025	n/a	6.5	n/a	8.36	<50	<10	<1	<1	<1	<1	n/a
	6/19/2019	0.000823(J)	<0.025	n/a	6.3	n/a	7.23	<50	<10	<1	<1	<1	<1	<5
	9/23/2019	n/a	n/a	n/a	6.6	n/a	12.8	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	0.00174(BJ)	0.00624(BJ)	n/a	6.6	n/a	9.1	<50	<10	<1	<1	<1	<1	<5
	6/10/2020	<0.005	<0.025	n/a	6.5	n/a	8.8	<50	<10	<1	<1	<1	<1	<5
	12/10/2020	0.00119(J)	0.00499(J)	301	6.5	19.8	10	<50	<10	<1	<1	<1	<1	<5
	6/15/2021	0.00106(J)	<0.025	n/a	6.7	n/a	8.4	<50	<10	<1	<1	<1	<1	<5
	12/8/2021	0.00188(J)	0.00553(BJ)	n/a	6.7	n/a	8.6	<50	<10	<1	<1	<1	<1	<5
MW-11	upgradient													
	11/5/2015	0.00104	<0.025	n/a	6.6	n/a	8	<50	<10	<1	<1	<1	<1	<5
	2/10/2016	0.000252(J)	0.0056(J)	n/a	6.6	n/a	23.3	<50	<10	<1	<1	<1	<1	<5
	5/19/2016	0.000206(BJ)	<0.025	n/a	6.6	n/a	8.8	<50	<10	<1	<1	<1	<1	<5
	8/28/2016	0.000381(J)	0.0102(J)	n/a	6.9	n/a	1.3	<50	<10	<1	<1	<1	<1	<5
	12/1/2016	<0.005	0.00761(BJ)	n/a	6.6	n/a	2	<50	<10	<1	<1	<1	<1	<5

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Historical Database, Mississippi County Class 1 Landfill

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MW-11 (cont.)	3/2/2017	0.000242(J)	<0.025	n/a	6.6	n/a	6.2	<50	<10	<1	<1	<1	<1	<5
	5/19/2017	0.000236(J)	<0.025	n/a	6.5	n/a	8.7	<50	<10	<1	<1	<1	<1	<5
	8/17/2017	0.000212(J)	0.00392(J)	n/a	6.8	n/a	1.7	<50	<10	<1	<1	<1	<1	<5
	11/14/2017	<0.005	<0.025	n/a	6.7	n/a	1.6	<50	<10	<1	<1	<1	<1	<5
	6/11/2018	<0.005	<0.025	n/a	6.8	n/a	8.8	<50	<10	<1	<1	<1	<1	n/a
	12/17/2018	0.00299(J)	0.00317(J)	n/a	6.47	n/a	2.1	<50	<10	<1	<1	<1	<1	n/a
	3/13/2019	n/a	n/a	n/a	6.6	n/a	9.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/20/2019	0.000441(J)	<0.025	n/a	6.5	n/a	8.78	<50	<10	<1	<1	<1	<1	<5
	12/5/2019	0.000633(BJ)	0.00342(BJ)	n/a	6.8	n/a	8.3	<50	<10	<1	<1	<1	<1	<5
	6/10/2020	<0.005	<0.025	n/a	6.7	n/a	4.5	<50	<10	<1	<1	<1	<1	<5
	12/9/2020	<0.005	<0.025	483	6.3	17.8	4.4	<50	<10	<1	<1	<1	<1	<5
	3/9/2021	n/a	n/a	516	7.1(R)	17.5	9.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	4/19/2021	n/a	n/a	503	6.9	17.4	9.9	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/15/2021	<0.005	<0.025	n/a	6.8	n/a	9.7	<50	<10	<1	<1	<1	<1	<5
	9/8/2021	n/a	n/a	n/a	6.8	n/a	3.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/8/2021	0.000768(J)	<0.025	n/a	6.9	n/a	4.6	<50	<10	<1	<1	<1	<1	<5
MW-12	downgradient													
	11/5/2015	0.00061	<0.025	n/a	6.6	n/a	5	<50	<10	<1	<1	<1	<1	<5
	2/10/2016	0.000197(J)	0.00316(J)	n/a	6.7	n/a	3.2	<50	<10	<1	<1	<1	<1	<5
	5/19/2016	<0.005	<0.025	n/a	6.5	n/a	7.2	<50	<10	<1	<1	<1	<1	<5
	8/28/2016	0.00029(J)	0.00402(J)	n/a	6.9	n/a	5.3	<50	<10	<1	<1	<1	<1	<5
	12/1/2016	<0.005	0.00331(BJ)	n/a	6.7	n/a	1.1	<50	<10	<1	<1	<1	<1	<5
	3/2/2017	0.000252(J)	<0.025	n/a	6.4	n/a	7.2	<50	<10	<1	<1	<1	<1	<5
	5/19/2017	0.000565(J)	0.00351(J)	n/a	6.5	n/a	8.5	<50	<10	<1	<1	<1	<1	<5
	8/17/2017	0.00023(J)	0.007(J)	n/a	6.5	n/a	5	<50	<10	<1	<1	<1	<1	<5
	11/14/2017	<0.005	<0.025	n/a	6.5	n/a	6	<50	<10	<1	<1	<1	<1	<5
	6/11/2018	0.000183(J)	<0.025	n/a	6.6	n/a	9.2	<50	<10	<1	<1	<1	<1	n/a

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MW-12 (cont.)	12/17/2018	0.0013(J)	0.00289(J)	n/a	6	n/a	8.66	<50	<10	<1	<1	<1	<1	n/a
	3/13/2019	n/a	n/a	n/a	6.6	n/a	9.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/20/2019	0.000353(J)	<0.025	n/a	6.7	n/a	9.81	<50	<10	<1	<1	<1	<1	<5
	12/5/2019	0.000416(BJ)	<0.025	n/a	6.6	n/a	5.9	<50	<10	<1	<1	<1	<1	<5
	6/10/2020	<0.005	<0.025	n/a	6.5	n/a	7.3	<50	<10	<1	<1	<1	<1	<5
	12/10/2020	<0.005	<0.025	295	6.5	18.7	3	<50	<10	<1	<1	<1	<1	<5
	6/16/2021	<0.005	<0.025	n/a	6.4	n/a	7.7	<50	<10	<1	<1	<1	<1	<5
	12/8/2021	<0.005	0.0076(BJ)	n/a	6.5	n/a	3.9	<50	<10	<1	<1	<1	<1	<5
MW-13	downgradient													
	11/5/2015	0.000643	<0.025	n/a	6.8	n/a	3.2	<50	<10	<1	<1	<1	<1	<5
	2/10/2016	0.000228(J)	<0.025	n/a	6.9	n/a	4.2	<50	<10	<1	<1	<1	<1	<5
	5/19/2016	0.000776(BJ)	<0.025	n/a	6.5	n/a	7.2	<50	<10	<1	<1	<1	<1	<5
	8/28/2016	0.000793(J)	0.00378(J)	n/a	7.3	n/a	8.1	<50	<10	<1	<1	<1	<1	<5
	12/1/2016	0.000614(J)	<0.025	n/a	7	n/a	5.6	<50	<10	<1	<1	<1	<1	<5
	3/2/2017	0.000423(J)	0.0264	n/a	6.7	n/a	9.4	<50	<10	<1	<1	<1	<1	<5
	5/24/2017	0.000344(BJ)	<0.025	n/a	7.4	n/a	9.1	<50	<10	<1	<1	<1	<1	<5
	8/18/2017	0.000289(J)	<0.025	n/a	6.7	n/a	5.6	<50	<10	<1	<1	<1	<1	<5
	11/14/2017	0.000336(J)	<0.025	n/a	6.8	n/a	4.7	<50	<10	<1	<1	<1	<1	<5
	6/11/2018	0.00049(J)	<0.025	n/a	6.8	n/a	9.3	<50	<10	<1	<1	<1	<1	n/a
	12/19/2018	0.00277(J)	<0.025	n/a	6.6	n/a	5.97	<50	<10	<1	<1	<1	<1	n/a
	6/20/2019	0.00119(J)	<0.025	n/a	6.5	n/a	3.8	<50	<10	<1	<1	<1	<1	<5
	12/5/2019	0.00112(BJ)	<0.025	n/a	6.7	n/a	6.9	<50	<10	<1	<1	<1	<1	<5
	6/10/2020	0.00128(J)	<0.025	n/a	6.8	n/a	8.6	<50	<10	<1	<1	<1	<1	<5
	12/10/2020	0.00109(J)	0.00346(J)	382	6.7	19.2	8.3	<50	<10	<1	<1	<1	<1	<5
	6/16/2021	0.00187(J)	0.00436(J)	n/a	6.8	n/a	7.6	77.6	<10	<1	<1	<1	<1	<5
	12/8/2021	0.00151(J)	0.00385(BJ)	n/a	6.7	n/a	9.6	<50	<10	<1	<1	<1	<1	<5
MW-14	downgradient													

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MW-14 (cont.)	11/6/2015	0.000709	<0.025	n/a	6.7	n/a	9.4	<50	<10	<1	<1	<1	<1	<5
	2/18/2016	0.000289(J)	<0.025	n/a	7	n/a	7.6	<50	<10	<1	<1	<1	<1	<5
	5/23/2016	0.000593(BJ)	<0.025	n/a	6.5	n/a	4.1	<50	<10	<1	<1	<1	<1	<5
	8/29/2016	0.000323(J)	<0.025	n/a	7.1	n/a	2.5	<50	<10	<1	<1	<1	<1	<5
	12/1/2016	<0.005	<0.025	n/a	6.4	n/a	3.3	<50	<10	<1	<1	<1	<1	<5
	3/2/2017	0.000203(J)	0.00284(J)	n/a	6.7	n/a	3.5	<50	<10	<1	<1	<1	<1	<5
	5/22/2017	0.000228(BJ)	<0.025	n/a	7.5	n/a	7.7	<50	<10	<1	<1	<1	<1	<5
	8/18/2017	0.000227(J)	0.00273(J)	n/a	6.9	n/a	8.3	<50	<10	<1	<1	<1	<1	<5
	11/16/2017	<0.005	<0.025	n/a	6.8	n/a	3	<50	<10	<1	<1	<1	<1	<5
	6/13/2018	0.000241(BJ)	<0.025	n/a	7	n/a	6.6	<50	<10	<1	<1	<1	<1	n/a
	12/19/2018	0.000688(J)	<0.025	n/a	6.7	n/a	4.32	<50	<10	<1	<1	<1	<1	n/a
	6/19/2019	0.000216(J)	<0.025	n/a	6.5	n/a	3.8	<50	<10	<1	<1	<1	<1	<5
	9/24/2019	n/a	n/a	n/a	6.8	n/a	6.7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/5/2019	0.000308(BJ)	0.00333(BJ)	n/a	6.8	n/a	2.1	<50	<10	<1	<1	<1	<1	<5
	3/10/2020	n/a	n/a	n/a	7.4	n/a	6.55	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/5/2020	<0.005	<0.025	n/a	6.5	n/a	4.7	<50	<10	<1	<1	<1	<1	<5
	12/11/2020	<0.005	<0.025	452	6.9	18.1	4.6	<50	<10	<1	<1	<1	<1	<5
	6/16/2021	<0.005	<0.025	n/a	6.8	n/a	9.6	<50	<10	<1	<1	<1	<1	<5
	12/8/2021	<0.005	0.00399(BJ)	n/a	6.9	n/a	5.6	<50	<10	<1	<1	<1	<1	<5
MW-15	downgradient													
	4/3/2013	0.0041	0.019	n/a	6.9	n/a	9	<50	<10	<1	<1	<1	<1	<5
	4/3/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/12/2013	0.0005(J)	<0.01	n/a	6.6	n/a	0	<50	<10	<1	<1	<1	<1	<5
	9/25/2013	0.00056(J)	<0.01	n/a	6.4	n/a	0	<50	<10	<1	<1	<1	<1	<5
	12/12/2013	<0.01	<0.01	n/a	6.6	n/a	0	<50	<10	<1	<1	<1	<1	<5
MW-15R	3/19/2014	0.096	0.22	n/a	7	n/a	997	<50	<10	<1	<1	<1	<1	<5
	downgradient													

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MW-15R (cont.)	11/6/2015	0.00058	<0.025	n/a	6.8	n/a	1	<50	<10	<1	<1	<1	<1	<5
	5/23/2016	0.000893(BJ)	<0.025	n/a	6.7	n/a	6.1	<50	<10	<1	<1	<1	<1	<5
	8/29/2016	0.00036(J)	0.00306(J)	n/a	7	n/a	7.4	<50	<10	<1	<1	<1	<1	<5
	12/1/2016	<0.005	<0.025	n/a	6.6	n/a	4.4	<50	<10	<1	<1	<1	<1	<5
	3/2/2017	0.000216(J)	<0.025	n/a	6.5	n/a	8	<50	<10	<1	<1	<1	<1	<5
	5/23/2017	0.00021(BJ)	0.00277(BJ)	n/a	7	n/a	8.1	<50	<10	<1	<1	<1	<1	<5
	8/18/2017	<0.005	0.00343(J)	n/a	7	n/a	7.6	<50	<10	<1	<1	<1	<1	<5
	11/16/2017	0.000617(J)	<0.025	n/a	6.6	n/a	7.1	<50	<10	<1	<1	<1	<1	<5
	6/13/2018	0.000238(BJ)	<0.025	n/a	6.8	n/a	23.5	<50	<10	<1	<1	<1	<1	n/a
	9/13/2018	n/a	n/a	n/a	6.4	n/a	4.7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/19/2018	0.000687(J)	0.00332(J)	n/a	6.7	n/a	6.14	<50	<10	<1	<1	<1	<1	n/a
	6/19/2019	<0.005	<0.025	n/a	6.7	n/a	9.81	<50	<10	<1	<1	<1	<1	<5
	12/3/2019	0.000292(BJ)	0.00299(BJ)	n/a	6.8	n/a	7.7	<50	<10	<1	<1	<1	<1	<5
	6/4/2020	<0.005	<0.025	n/a	6.8	n/a	8	<50	<10	<1	<1	<1	<1	<5
	12/10/2020	<0.005	<0.025	398	6.8	19.5	7.5	<50	<10	<1	<1	<1	<1	<5
	6/16/2021	<0.005	<0.025	n/a	6.7	n/a	8.6	<50	<10	<1	<1	<1	<1	<5
	12/9/2021	<0.005	0.00444(BJ)	n/a	6.9	n/a	7.7	<50	<10	<1	<1	<1	<1	<5
MW-16	downgradient													
	11/5/2015	0.000466	<0.025	n/a	7.2	n/a	5.5	<50	<10	<1	<1	<1	<1	<5
	8/29/2016	0.000317(J)	<0.025	n/a	6.1	n/a	1.6	<50	<10	<1	<1	<1	<1	<5
	12/5/2016	<0.005	<0.025	n/a	6.9	n/a	1.6	<50	<10	<1	<1	<1	<1	1.56(BJ)
	3/2/2017	0.000327(J)	0.0189(J)	n/a	6.7	n/a	6.5	<50	<10	<1	<1	<1	<1	<5
	5/23/2017	0.000187(BJ)	<0.025	n/a	6.9	n/a	8.4	<50	<10	<1	<1	<1	<1	<5
	8/18/2017	0.000189(J)	<0.025	n/a	6.9	n/a	4.9	<50	<10	<1	<1	<1	<1	<5
	11/16/2017	<0.005	<0.025	n/a	7	n/a	1.7	<50	<10	<1	<1	<1	<1	<5
	3/14/2018	<0.005	<0.025	n/a	6.1	n/a	2.3	<50	<10	<1	<1	<1	<1	<5
	6/12/2018	<0.005	<0.025	n/a	6.9	n/a	1.5	<50	<10	<1	<1	<1	<1	n/a

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MW-16 (cont.)	12/20/2018	0.00053(J)	<0.025	n/a	6.8	n/a	2.28	<50	<10	<1	<1	<1	<1	n/a
	6/18/2019	<0.005	0.00352(J)	n/a	6.8	n/a	8.67	<50	<10	<1	<1	<1	<1	<5
	12/4/2019	0.00025(BJ)	<0.025	n/a	6.9	n/a	3.2	<50	<10	<1	<1	<1	<1	<5
	3/12/2020	n/a	n/a	n/a	6.9	n/a	9.65	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/4/2020	<0.005	<0.025	n/a	6.9	n/a	8.5	<50	<10	<1	<1	<1	<1	<5
	12/10/2020	<0.005	<0.025	474	6.7	18.6	2.4	<50	<10	<1	<1	<1	<1	<5
	6/16/2021	<0.005	<0.025	n/a	6.9	n/a	8.7	<50	<10	<1	<1	<1	<1	<5
	12/9/2021	<0.005	0.0052(BJ)	n/a	7	n/a	9.5	<50	<10	<1	<1	<1	<1	<5
MW-17	upgradient													
	4/2/2013	<0.002	0.0037(J)	n/a	7.1	n/a	9	<50	<10	<1	<1	<1	<1	<5
	6/12/2013	0.00021(J)	<0.01	n/a	7.4	n/a	0	<50	<10	<1	<1	<1	<1	<5
	9/26/2013	<0.002	<0.01	n/a	6.7	n/a	5	<50	<10	<1	<1	<1	<1	<5
	12/12/2013	<0.01	<0.01	n/a	6.8	n/a	5	<50	<10	<1	<1	<1	<1	<5
	3/19/2014	<0.002	<0.01	n/a	6.9	n/a	8	<50	<10	<1	<1	<1	<1	<5
	6/25/2014	<0.002	0.018	n/a	6.9	n/a	9.3	<50	<10	<1	<1	<1	<1	<5
	9/18/2014	0.0018(J)	<0.01	n/a	6.7	n/a	9.8	<50	<10	<1	<1	<1	<1	<5
	12/16/2014	<0.005	0.019(J)	n/a	n/a	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	3/25/2015	<0.005	<0.025	n/a	7.1	n/a	2	<50	<10	<1	<1	<1	<1	<5
	9/23/2015	0.000296	<0.025	n/a	6.7	n/a	7.9	<50	<10	<1	<1	<1	<1	<5
	2/18/2016	0.000245(J)	<0.025	n/a	6.6	n/a	4.9	<50	<10	<1	<1	<1	<1	<5
	8/26/2016	<0.005	<0.025	n/a	6.6	n/a	8.9	<50	<10	<1	<1	<1	<1	<5
	5/18/2017	0.000181(J)	<0.025	n/a	7.2	n/a	4.5	<50	<10	<1	<1	<1	<1	<5
	11/14/2017	<0.005	<0.025	n/a	6.8	n/a	6.7	<50	<10	<1	<1	<1	<1	<5
	6/11/2018	<0.005	0.00643(J)	n/a	6.7	n/a	9.6	<50	<10	<1	<1	<1	<1	n/a
	12/17/2018	0.000572(J)	<0.025	n/a	6.6	n/a	2.14	<50	<10	<1	<1	<1	<1	n/a
	6/17/2019	<0.005	<0.025	n/a	6.4	n/a	9.41	<50	<10	<1	<1	<1	<1	<5
	9/23/2019	n/a	n/a	n/a	6.7	n/a	9	n/a	n/a	n/a	n/a	n/a	n/a	n/a

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Historical Database, Mississippi County Class 1 Landfill

		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
MW-17 (cont.)	12/4/2019	0.000231(BJ)	<0.025	n/a	6.7	n/a	8.1	<50	<10	<1	<1	<1	<1	<5
	6/3/2020	<0.005	<0.025	n/a	6.6	n/a	8.9	<50	<10	<1	<1	<1	<1	<5
	12/9/2020	<0.005	<0.025	386	6.5	18.3	4.9	<50	<10	<1	<1	<1	<1	<5
	6/14/2021	<0.005	<0.025	n/a	6.6	n/a	8.3	<50	<10	<1	<1	<1	<1	<5
MW-18	upgradient													
	4/3/2013	0.00022(J)	0.028	n/a	7.1	n/a	8	<50	<10	<1	<1	<1	<1	<5
	6/12/2013	<0.002	<0.01	n/a	7	n/a	0	<50	<10	<1	<1	<1	<1	<5
	9/25/2013	<0.002	<0.01	n/a	6.6	n/a	1	<50	<10	<1	<1	<1	<1	<5
	12/12/2013	<0.01	<0.01	n/a	6.9	n/a	3	<50	<10	<1	<1	<1	<1	<5
	3/19/2014	<0.002	<0.01	n/a	6.9	n/a	9	<50	<10	<1	<1	<1	<1	<5
	6/25/2014	<0.002	0.015	n/a	6.9	n/a	7.4	<50	<10	<1	<1	<1	<1	<5
	9/18/2014	<0.002	<0.01	n/a	6.8	n/a	5.6	<50	<10	<1	<1	<1	<1	<5
	12/17/2014	<0.005	0.021(J)	n/a	n/a	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	9/24/2015	0.000286	<0.025	n/a	6.7	n/a	6.7	<50	<10	<1	<1	<1	<1	<5
	8/29/2016	0.000283(J)	0.00386(J)	n/a	7.3	n/a	7.4	<50	<10	<1	<1	<1	<1	<5
	5/22/2017	<0.005	<0.025	n/a	6.8	n/a	8.1	<50	<10	<1	<1	<1	<1	<5
	11/16/2017	<0.005	<0.025	n/a	6.7	n/a	7.8	<50	<10	<1	<1	<1	<1	<5
	6/12/2018	0.000195(J)	<0.025	n/a	6.9	n/a	8.4	<50	<10	<1	<1	<1	<1	n/a
	12/20/2018	0.000733(J)	<0.025	n/a	6.8	n/a	1.9	<50	<10	<1	<1	<1	<1	n/a
	3/13/2019	n/a	n/a	n/a	6.8	n/a	9.7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/18/2019	0.00023(J)	<0.025	n/a	6.6	n/a	8.11	<50	<10	<1	<1	<1	<1	<5
	12/3/2019	0.00042(BJ)	<0.025	n/a	6.8	n/a	8.6	<50	<10	<1	<1	<1	<1	<5
	3/10/2020	n/a	n/a	n/a	6.9	n/a	7.53	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/4/2020	<0.005	<0.025	n/a	6.6	n/a	9.5	<50	<10	<1	<1	<1	<1	<5
	12/10/2020	<0.005	<0.025	641	6.9	18.1	3.4	<50	<10	<1	<1	<1	<1	<5
	6/16/2021	<0.005	<0.025	n/a	7	n/a	9.7	<50	<10	<1	<1	<1	<1	<5
	9/8/2021	n/a	n/a	n/a	6.8	n/a	9.8	n/a	n/a	n/a	n/a	n/a	n/a	n/a

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		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
MW-18 (cont.)	12/8/2021	<0.005	0.00593(BJ)	n/a	6.9	n/a	9.8	<50	<10	<1	<1	<1	<1	<5
MW-19	upgradient													
	4/2/2013	<0.002	0.0034(J)	n/a	7	n/a	10	<50	<10	<1	<1	<1	<1	<5
	6/12/2013	<0.002	<0.01	n/a	6.9	n/a	7	<50	<10	<1	<1	<1	<1	<5
	9/25/2013	<0.002	<0.01	n/a	6.8	n/a	3	<50	<10	<1	<1	<1	<1	<5
	12/11/2013	<0.01	<0.01	n/a	6.9	n/a	4	<50	<10	<1	<1	<1	<1	<5
	3/19/2014	<0.002	<0.01	n/a	6.9	n/a	10	<50	<10	<1	<1	<1	<1	<5
	6/25/2014	<0.002	0.017	n/a	7	n/a	81.2	<50	<10	<1	<1	<1	<1	<5
	9/18/2014	<0.002	0.0039(J)	n/a	6.7	n/a	1.2	<50	<10	<1	<1	<1	<1	<5
	12/16/2014	<0.005	0.016(J)	n/a	n/a	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	3/25/2015	<0.005	0.0058(J)	n/a	6.5	n/a	3	<50	<10	<1	<1	<1	<1	<5
	9/24/2015	0.000245	<0.025	n/a	6.8	n/a	7.5	<50	<10	<1	<1	<1	<1	<5
	2/17/2016	0.000219(J)	<0.025	n/a	6.9	n/a	9.4	<50	<10	<1	<1	<1	<1	<5
	8/25/2016	<0.005	<0.025	n/a	6.7	n/a	2.2	<50	<10	<1	<1	<1	<1	<5
	5/18/2017	0.000735(J)	<0.025	n/a	7.1	n/a	9.3	<50	<10	<1	<1	<1	<1	<5
	11/14/2017	0.000283(J)	<0.025	n/a	6.9	n/a	7.7	<50	<10	<1	<1	<1	<1	<5
	6/11/2018	<0.005	<0.025	n/a	6.8	n/a	8.7	<50	<10	<1	<1	<1	<1	n/a
	12/17/2018	0.000723(J)	0.00415(J)	n/a	6.8	n/a	5.45	<50	<10	<1	<1	<1	<1	n/a
	6/17/2019	0.000208(J)	0.00323(J)	n/a	6.4	n/a	3.49	<50	<10	<1	<1	<1	<1	<5
	9/23/2019	n/a	n/a	n/a	6.9	n/a	6.4	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	0.000426(BJ)	<0.025	n/a	6.9	n/a	2.2	<50	<10	<1	<1	<1	<1	<5
	6/3/2020	<0.005	<0.025	n/a	6.8	n/a	6.9	<50	<10	<1	<1	<1	<1	<5
	12/9/2020	<0.005	<0.025	357	6.7	18.5	2.7	<50	<10	<1	<1	<1	<1	<5
	6/15/2021	0.00194(J)	<0.025	n/a	7	n/a	9.6	<50	<10	<1	<1	<1	<1	<5
	12/7/2021	<0.005	0.00576(BJ)	n/a	6.9	n/a	6.9	<50	<10	<1	<1	<1	<1	<5
MW-20	upgradient													
	4/3/2013	0.0039	0.008(J)	n/a	7.2	n/a	9	<50	<10	<1	<1	<1	<1	<5

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MW-20 (cont.)	6/12/2013	0.00047(J)	<0.01	n/a	6.9	n/a	0	<50	<10	<1	<1	<1	<1	<5
	9/26/2013	0.0012(J)	0.0028(J)	n/a	6.6	n/a	2	<50	<10	<1	<1	<1	<1	<5
	12/12/2013	<0.01	<0.01	n/a	6.6	n/a	2	<50	<10	<1	<1	<1	<1	<5
	3/19/2014	<0.002	<0.01	n/a	6.9	n/a	10	<50	<10	<1	<1	<1	<1	<5
	6/25/2014	0.0018(J)	0.011	n/a	7	n/a	8.9	<50	<10	<1	<1	<1	<1	<5
	9/18/2014	0.0013(J)	0.0029(J)	n/a	6.7	n/a	8.6	<50	<10	<1	<1	<1	<1	<5
	12/16/2014	0.0012(J)	0.024(J)	n/a	n/a	n/a	n/a	<50	<10	<1	<1	<1	<1	<5
	9/24/2015	0.00172	<0.025	n/a	6.7	n/a	12.7	<50	<10	<1	<1	<1	<1	<5
	2/18/2016	0.00145(J)	<0.025	n/a	6.8	n/a	21.1	<50	<10	<1	<1	<1	<1	<5
	8/29/2016	0.00324(J)	0.00373(J)	n/a	7.1	n/a	7.3	<50	<10	<1	<1	<1	<1	<5
	5/22/2017	0.00338(BJ)	0.0318(B)	n/a	7.7	n/a	31.3	<50	<10	<1	<1	<1	<1	<5
	11/16/2017	0.00213(J)	<0.025	n/a	6.6	n/a	16.7	<50	<10	<1	<1	<1	<1	<5
	6/12/2018	0.00341(J)	0.00459(J)	n/a	6.8	n/a	44.6	<50	<10	<1	<1	<1	<1	n/a
MW-21	upgradient													
	11/5/2015	0.000593	<0.025	n/a	6.7	n/a	1.7	<50	<10	<1	<1	<1	<1	<5
	2/11/2016	0.000271(J)	<0.025	n/a	6.7	n/a	5.4	<50	<10	<1	<1	<1	<1	<5
	5/18/2016	0.000568(BJ)	0.0241(J)	n/a	6.7	n/a	0.4	<50	<10	<1	<1	<1	<1	<5
	8/25/2016	<0.005	<0.025	n/a	7.1	n/a	2.3	<50	<10	<1	<1	<1	<1	<5
	11/30/2016	<0.005	0.00538(BJ)	n/a	6.6	n/a	2.2	<50	<10	<1	<1	<1	<1	<5
	3/1/2017	0.000247(J)	<0.025	n/a	6.4	n/a	3.9	<50	<10	<1	<1	<1	<1	<5
	5/18/2017	0.000225(J)	<0.025	n/a	7.1	n/a	4.2	<50	<10	<1	<1	<1	<1	<5
	8/17/2017	0.000214(J)	0.00308(J)	n/a	6.6	n/a	0.8	<50	<10	<1	<1	<1	<1	<5
	11/14/2017	<0.005	<0.025	n/a	7	n/a	2.1	<50	<10	<1	<1	<1	<1	<5
	6/11/2018	<0.005	<0.025	n/a	6.8	n/a	4.4	<50	<10	<1	<1	<1	<1	n/a
	12/17/2018	0.000301(J)	<0.025	n/a	6.8	n/a	3.11	<50	<10	<1	<1	<1	<1	n/a
	6/18/2019	<0.005	<0.025	n/a	6.5	n/a	3.64	<50	<10	<1	<1	<1	<1	<5
	12/4/2019	0.000232(BJ)	0.00336(BJ)	n/a	6.9	n/a	1.9	<50	<10	<1	<1	<1	<1	<5

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		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
MW-21 (cont.)	6/3/2020	<0.005	<0.025	n/a	6.9	n/a	7.2	<50	<10	<1	<1	<1	<1	<5
	12/9/2020	<0.005	<0.025	424	6.7	18.2	3.4	<50	<10	<1	<1	<1	<1	<5
	6/15/2021	<0.005	<0.025	n/a	6.9	n/a	7.2	<50	<10	<1	<1	<1	<1	<5
	9/8/2021	n/a	n/a	n/a	6.8	n/a	7.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/7/2021	<0.005	<0.025	n/a	6.9	n/a	5	<50	<10	<1	<1	<1	<1	<5
MW-22	upgradient													
	11/4/2015	0.000477	<0.025	n/a	6.7	n/a	1.3	<50	<10	<1	<1	<1	<1	<5
	2/11/2016	<0.005	<0.025	n/a	6.9	n/a	9.2	<50	<10	<1	<1	<1	<1	<5
	5/18/2016	0.000273(BJ)	<0.025	n/a	6.9	n/a	4.5	<50	<10	<1	<1	<1	<1	<5
	8/25/2016	<0.005	<0.025	n/a	6.7	n/a	5.6	<50	<10	<1	<1	<1	<1	<5
	11/30/2016	<0.005	<0.025	n/a	6.8	n/a	1.6	<50	<10	<1	<1	<1	<1	<5
	3/1/2017	0.000398(J)	<0.025	n/a	7.1	n/a	6.9	<50	<10	<1	<1	<1	<1	<5
	5/17/2017	0.000263(J)	0.00409(J)	n/a	6.8	n/a	1.1	<50	<10	<1	<1	<1	<1	<5
	8/16/2017	0.000266(J)	<0.025	n/a	7	n/a	4.3	<50	<10	<1	<1	<1	<1	<5
	11/13/2017	0.000239(J)	<0.025	n/a	6.9	n/a	2.6	<50	<10	<1	<1	<1	<1	<5
	6/11/2018	0.000215(J)	<0.025	n/a	6.9	n/a	8.7	<50	<10	<1	<1	<1	<1	n/a
	12/11/2018	0.000268(J)	<0.025	n/a	7	n/a	8.55	<50	<10	<1	<1	<1	<1	n/a
	6/17/2019	<0.005	<0.025	n/a	6.6	n/a	4.52	<50	<10	<1	<1	<1	<1	<5
	12/4/2019	0.00028(BJ)	0.00442(BJ)	n/a	6.8	n/a	1.1	<50	<10	<1	<1	<1	<1	<5
	6/3/2020	<0.005	<0.025	n/a	6.8	n/a	2	<50	<10	<1	<1	<1	<1	<5
	12/9/2020	<0.005	<0.025	308	6.9	18.1	4	<50	<10	<1	<1	<1	<1	<5
	6/14/2021	<0.005	<0.025	n/a	6.7	n/a	3.2	<50	<10	<1	<1	<1	<1	<5
	12/7/2021	<0.005	<0.025	n/a	7	n/a	6.7	<50	<10	<1	<1	<1	<1	<5
MW-23	upgradient													
	11/4/2015	0.000475	<0.025	n/a	6.8	n/a	1.5	<50	<10	<1	<1	<1	<1	<5
	2/11/2016	0.000213(J)	<0.025	n/a	6.6	n/a	2.4	<50	<10	<1	<1	<1	<1	<5
	5/18/2016	0.000303(BJ)	<0.025	n/a	7	n/a	4.5	<50	<10	<1	<1	<1	<1	<5

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MW-23 (cont.)	8/25/2016	<0.005	<0.025	n/a	6.9	n/a	8.9	<50	<10	<1	<1	<1	<1	<5
	11/30/2016	<0.005	<0.025	n/a	6.6	n/a	1.1	<50	<10	<1	<1	<1	<1	<5
	3/1/2017	0.000262(J)	<0.025	n/a	6.4	n/a	8.5	<50	<10	<1	<1	<1	<1	<5
	5/17/2017	0.000264(J)	<0.025	n/a	6.8	n/a	7.5	<50	<10	<1	<1	<1	<1	<5
	8/16/2017	0.000226(J)	<0.025	n/a	6.7	n/a	0.9	<50	<10	<1	<1	<1	<1	<5
	11/13/2017	0.000244(J)	<0.025	n/a	6.8	n/a	6.6	<50	<10	<1	<1	<1	<1	<5
	6/11/2018	0.000234(J)	<0.025	n/a	6.8	n/a	8	<50	<10	<1	<1	<1	<1	n/a
	12/11/2018	0.000906(J)	<0.025	n/a	7	n/a	8.71	<50	<10	<1	<1	<1	<1	n/a
	6/17/2019	0.000181(J)	<0.025	n/a	6.4	n/a	8.04	<50	<10	<1	<1	<1	<1	<5
	9/23/2019	n/a	n/a	n/a	6.9	n/a	7.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	0.00071(BJ)	<0.025	n/a	6.8	n/a	3.5	<50	<10	<1	<1	<1	<1	<5
	6/3/2020	<0.005	<0.025	n/a	6.7	n/a	9.6	<50	<10	<1	<1	<1	<1	<5
	12/9/2020	<0.005	0.00314(J)	422	6.5	19.3	4.5	<50	<10	<1	<1	<1	<1	<5
	6/14/2021	<0.005	<0.025	n/a	6.7	n/a	6.6	<50	<10	<1	<1	<1	<1	<5
	12/7/2021	<0.005	0.00458(J)	n/a	6.7	n/a	4.5	<50	<10	<1	<1	<1	<1	<5
MW-24	upgradient													
	11/5/2015	0.000454	<0.025	n/a	6.7	n/a	5.8	<50	<10	<1	<1	<1	<1	<5
	2/10/2016	0.000205(J)	<0.025	n/a	7	n/a	5.7	<50	<10	<1	<1	<1	<1	<5
	5/19/2016	0.000323(BJ)	<0.025	n/a	6.7	n/a	9	<50	<10	<1	<1	<1	<1	<5
	8/28/2016	0.00032(J)	0.00295(J)	n/a	6.4	n/a	6.8	<50	<10	<1	<1	<1	<1	<5
	11/30/2016	<0.005	<0.025	n/a	6.8	n/a	0.6	<50	<10	<1	<1	<1	<1	<5
	3/2/2017	0.000327(J)	<0.025	n/a	6.7	n/a	7.6	<50	<10	<1	<1	<1	<1	<5
	5/18/2017	0.000224(J)	<0.025	n/a	7	n/a	8.2	<50	<10	<1	<1	<1	<1	<5
	8/17/2017	0.000197(J)	0.00459(J)	n/a	6.8	n/a	8.9	<50	<10	<1	<1	<1	<1	<5
	11/14/2017	<0.005	<0.025	n/a	6.8	n/a	7.6	<50	<10	<1	<1	<1	<1	<5
	6/12/2018	0.000183(J)	<0.025	n/a	6.8	n/a	8.7	<50	<10	<1	<1	<1	<1	n/a
	12/17/2018	0.000347(J)	<0.025	n/a	6.5	n/a	2.4	<50	<10	<1	<1	<1	<1	n/a

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Historical Database, Mississippi County Class 1 Landfill

		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
MW-24 (cont.)	6/19/2019	<0.005	<0.025	n/a	6.6	n/a	8.39	<50	<10	<1	<1	<1	<1	<5
	9/24/2019	n/a	n/a	n/a	6.9	n/a	6.9	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	0.000257(BJ)	0.00348(BJ)	n/a	6.9	n/a	6.5	<50	<10	<1	<1	<1	<1	<5
	6/10/2020	<0.005	<0.025	n/a	6.8	n/a	9.4	<50	<10	<1	<1	<1	<1	<5
	9/14/2020	n/a	n/a	548	6.9	22.2	4.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/10/2020	<0.005	0.00426(J)	480	6.8	18.6	3.2	<50	<10	<1	<1	<1	<1	<5
	3/9/2021	n/a	n/a	570	7.4	18.9	9.4	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/15/2021	<0.005	<0.025	n/a	6.9	n/a	9.7	<50	<10	<1	<1	<1	<1	<5
	12/7/2021	<0.005	0.00328(J)	n/a	6.7	n/a	9.3	<50	<10	<1	<1	<1	<1	<5
LEACHATE#1	downgradient													
	4/14/2010	0.042	0.19	n/a	n/a	n/a	n/a	58	<1.7	2.7	<0.44	<0.37	<0.51	<2.5
	10/12/2010	0.038	0.12(B)	n/a	n/a	n/a	n/a	29(J)	<10	1.6	<1	<1	<1	<5
	4/13/2011	0.035	0.01(J)	n/a	n/a	n/a	n/a	<50	<10	2.2	<1	<1	<1	<5
	12/6/2011	0.043	0.014	n/a	n/a	n/a	n/a	29	<10	4.2	<1	<1	<1	<5
	5/8/2012	0.049	0.0088(J)	n/a	7.7	n/a	n/a	<50	<10	2.3	<1	<1	<1	<5
	10/8/2012	0.051	<0.05	n/a	7.2	n/a	300	13(J)	<10	3	<1	<1	<1	<5
	3/20/2013	0.037	0.03	n/a	7.4	n/a	65	16(J)	<10	3.8	<1	<1	<1	<5
	9/26/2013	0.026	0.018	n/a	7.5	n/a	23	<50	<10	2	<1	<1	<1	<5
	3/19/2014	0.031	0.052	n/a	7.4	n/a	n/a	28(J)	<10	1.3	<1	<1	<1	<5
	9/17/2014	0.13	<0.1	n/a	7.7	n/a	23.6	67	<10	2.1	<1	<1	<1	<5
	3/25/2015	0.032	0.027	n/a	10.6	n/a	146	30(J)	<10	1.4	<1	<1	<1	<5
	9/24/2015	0.01	0.00515	n/a	7.7	n/a	76.5	31.3	<10	0.828	<1	<1	<1	<5
	2/19/2016	0.0667	<0.225	n/a	n/a	n/a	n/a	<50	<10	3.53	<1	<1	<1	<5
	8/29/2016	0.0681	0.0411(J)	n/a	n/a	n/a	n/a	13.3(J)	<10	2.64	<1	<1	<1	<5
	3/6/2017	0.0889	0.0469	n/a	7.4	n/a	n/a	<50	<10	3.22	<1	<1	<1	<5
	9/1/2017	0.0101	0.0453	n/a	n/a	n/a	n/a	<50	<10	2.57	<1	<1	<1	<5
	6/13/2018	0.01	0.00463(J)	n/a	7.4	n/a	56.6	<50	<10	1.16	<1	<1	<1	n/a

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Historical Database, Mississippi County Class 1 Landfill

		Vanadium (mg/l)	Zinc (mg/l)	Specific Conductivity (umhos/cm)	pH (SU)	Temperature (C)	Turbidity (NTU)	Acetone (ug/l)	Acrylonitrile (ug/l)	Benzene (ug/l)	Bromochloromethane (ug/l)	Bromodichloromethane (ug/l)	Bromoform (ug/l)	Bromomethane (ug/l)
LEACHATE#1 (cont.)	12/20/2018	0.0384	0.0182(J)	n/a	7.1	n/a	174	17.4(J)	<10	5.66	<1	<1	<1	n/a
	6/20/2019	0.0285	0.00626(J)	n/a	n/a	n/a	n/a	131	<10	0.748(J)	<1	<1	<1	<5
	12/5/2019	0.0126	0.00514(J)	n/a	7.2	n/a	70.1	19.5(J)	<10	2.71	<1	<1	<1	<5
	6/10/2020	0.0831	0.0316	n/a	n/a	n/a	n/a	<500	<100	1.45(J)	<10	<10	<10	<50
	12/11/2020	0.0331	0.0472	8716	7.5	16.3	50.4	45.4(J)	<10	2.13	<1	<1	<1	<5
	6/17/2021	0.061	0.0191(J)	n/a	n/a	n/a	n/a	25.8(J)	<10	0.527(J)	<1	<1	<1	<5
	12/10/2021	0.0393	<0.125	n/a	7.7	n/a	71.1	<500	<100	2.54(J)	<10	<10	<10	<50
LEACHATE#2	downgradient													
	6/13/2018	0.00156(BJ)	0.00593(J)	n/a	7	n/a	23.4	<50	<10	<1	<1	<1	<1	n/a
	12/20/2018	0.0019(J)	0.00526(J)	n/a	6.5	n/a	267	12.8(J)	<10	2.88	<1	<1	<1	n/a
	6/20/2019	0.0036(J)	0.00385(J)	n/a	n/a	n/a	n/a	64.9	<10	1.61	<1	<1	<1	<5
	12/5/2019	0.00387(J)	0.00531(J)	n/a	7.1	n/a	145	27.7(J)	<10	3.34	<1	<1	<1	<5
	6/10/2020	0.0616	0.0354	n/a	n/a	n/a	n/a	19.7(J)	<10	0.99(J)	<1	<1	<1	<5
	12/11/2020	0.00513	0.00545(J)	4697	7.4	18.2	152	13.7(J)	<10	3.66	<1	<1	<1	<5
	6/17/2021	0.00291(J)	<0.025	n/a	n/a	n/a	n/a	13.7(J)	<10	<1	<1	<1	<1	<5
	12/10/2021	0.013	0.354	n/a	7.5	n/a	1000	<500	<100	<10	<10	<10	<10	<50

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Historical Database, Mississippi County Class 1 Landfill

MW-1	downgradient	Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
	10/27/1993	<0.00297	<0.00142	<2.16	<1.94	<1.58	<4.6	<7.29	<1.76	<1.98	<1.71	<1.73	<1.79	<2.91	<1.56
	3/15/1994	<0.00188	<0.0009	<0.4	<0.45	<1.58	<0.44	0.88	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	6/14/1994	0.0187	0.00178	<0.4	<0.45	<1.58	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	9/15/1994	<0.00188	<0.0009	0.54	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	12/22/1994	<0.00188	<0.0009	<0.4	<0.45	<1.58	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	6/2/1995	<0.00188	<0.0009	<0.4	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	12/14/1995	<0.00188	<0.0009	0.85	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	6/13/1996	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	11/26/1996	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	4/23/1997	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	10/8/1997	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.05	<0.2	<0.12	0.25	<10	<0.16
	4/13/1998	<0.0002	<0.0002	<0.04	<0.05	<0.1	<0.04	<0.2	<0.05	<0.04	<0.2	<0.03	<0.03	<0.4	<0.04
	11/5/1998	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/1/1999	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/22/1999	<0.001	<0.0005	<0.1	<0.1	<0.1	0.54	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	5/10/2000	<0.001	<0.0005	<0.1	<0.1	<0.1	0.46	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/12/2000	<0.001	<0.0005	<0.1	<0.1	<0.1	0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/26/2001	<0.001	<0.0005	<0.1	0.13	<0.1	0.32	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/26/2001	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/10/2002	<0.001	<0.0005	<0.1	<0.1	<0.1	0.25	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	11/6/2002	<0.001	<0.0005	<0.1	<0.1	<0.1	0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/18/2003	0.0032	<0.0005	<0.1	<0.1	<0.1	0.11	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	11/5/2003	<0.001	<0.0005	<0.1	<0.1	<0.1	0.14	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/29/2004	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/20/2004	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/27/2005	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1

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		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-1 (cont.)	10/4/2005	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/26/2006	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	10/3/2006	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/11/2007	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	10/4/2007	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/21/2008	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	10/9/2008	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	6/11/2009	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	11/12/2009	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	4/13/2010	<0.00032	<0.00031	<0.26	<0.42	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	10/11/2010	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	4/12/2011	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/6/2011	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/7/2012	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	10/8/2012	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/19/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/18/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/16/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/24/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/9/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/25/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/6/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/24/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-1 (cont.)	9/1/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/17/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/14/2018	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/14/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	9/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	3/18/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/14/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/3/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/13/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/3/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/15/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/8/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/11/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/17/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/10/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/10/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-2	upgradient														
	10/27/1993	<0.00297	<0.00142	<2.16	<1.94	<1.58	<4.6	<7.29	<1.76	<1.98	<1.71	<1.73	<1.79	<2.91	<1.56
	3/15/1994	<0.00188	<0.0009	<0.4	<0.45	<1.58	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	0.76
	6/14/1994	<0.00188	<0.0009	<0.4	<0.45	<1.58	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	9/15/1994	<0.00188	<0.0009	0.44	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	12/22/1994	<0.00188	<0.0009	<0.4	<0.45	<1.58	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	6/2/1995	<0.00188	<0.0009	<0.4	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	12/14/1995	<0.00188	<0.0009	0.6	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	6/13/1996	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-2 (cont.)	11/26/1996	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	4/23/1997	0.018	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	10/8/1997	0.011	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.05	<0.2	<0.12	0.2	<10	<0.16
	4/13/1998	<0.0002	<0.0002	<0.04	<0.05	<0.1	<0.04	<0.2	<0.05	<0.04	<0.2	<0.03	<0.03	<0.4	<0.04
	11/5/1998	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	0.68
	4/1/1999	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	0.51
	10/22/1999	<0.001	<0.0005	<0.1	<0.1	<0.1	0.54	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	1.5
	5/10/2000	<0.001	<0.0005	<0.1	<0.1	<0.1	0.31	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	2
	10/12/2000	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	0.87
	4/26/2001	<0.001	<0.0005	<0.1	<0.1	<0.1	0.87	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	3
	10/26/2001	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	0.71
	4/10/2002	<0.001	<0.0005	<0.1	<0.1	<0.1	0.32	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	0.85
	11/6/2002	<0.001	<0.0005	<0.1	<0.1	<0.1	0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	0.43
	4/18/2003	0.0032	<0.0005	<0.1	<0.1	<0.1	0.11	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	0.47
	11/5/2003	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	0.32
	4/29/2004	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	0.19
	10/20/2004	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/27/2005	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	0.19
	10/4/2005	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/26/2006	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	10/3/2006	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/11/2007	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	0.61
	10/4/2007	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/21/2008	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	10/9/2008	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	6/11/2009	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	11/12/2009	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31

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		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-2 (cont.)	4/13/2010	0.0011	<0.00031	<0.26	<0.42	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	10/11/2010	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	4/12/2011	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/6/2011	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/7/2012	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	10/8/2012	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/19/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/18/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/16/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/24/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/23/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/9/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/24/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/3/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/23/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/31/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/17/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/12/2018	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	9/12/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/12/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	3/12/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/12/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/3/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1

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		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-2 (cont.)	3/12/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/2/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/14/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/8/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/11/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/17/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/9/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/9/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-3	downgradient														
	10/27/1993	<0.00297	<0.00142	<2.16	<1.94	<1.58	<4.6	<7.29	<1.76	<1.98	<1.71	<1.73	<1.79	<2.91	<1.56
	3/15/1994	<0.00188	<0.0009	<0.4	<0.45	<1.58	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	6/14/1994	0.0142	<0.0009	<0.4	<0.45	<1.58	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	9/15/1994	<0.00188	<0.0009	<0.4	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	12/22/1994	<0.00188	<0.0009	<0.4	<0.45	<1.58	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	6/2/1995	<0.00188	<0.0009	<0.4	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	12/14/1995	<0.00188	<0.0009	0.41	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	6/13/1996	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	11/26/1996	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	4/23/1997	0.019	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	10/8/1997	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.05	<0.2	<0.12	0.25	<10	<0.16
	4/13/1998	<0.0002	<0.0002	<0.04	<0.05	<0.1	<0.04	<0.2	<0.05	<0.04	<0.2	<0.03	<0.03	<0.4	<0.04
	11/5/1998	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/1/1999	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/22/1999	<0.001	<0.0005	<0.1	<0.1	<0.1	0.57	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	5/10/2000	<0.001	<0.0005	<0.1	<0.1	<0.1	0.38	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/12/2000	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/26/2001	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1

B: analyte was detected in associated blank sample.

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Historical Database, Mississippi County Class 1 Landfill

MW-3 (cont.)		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
	10/26/2001	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/10/2002	<0.001	<0.0005	<0.1	<0.1	<0.1	0.21	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	11/6/2002	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/18/2003	<0.001	<0.0005	<0.1	<0.1	<0.1	0.25	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	11/5/2003	<0.001	<0.0005	<0.1	<0.1	<0.1	0.12	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/29/2004	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/20/2004	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/27/2005	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/4/2005	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/26/2006	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	10/3/2006	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/11/2007	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	10/4/2007	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/21/2008	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	10/9/2008	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	6/11/2009	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	11/12/2009	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	4/13/2010	<0.00032	<0.00031	<0.26	<0.42	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	10/11/2010	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	4/12/2011	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/6/2011	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/7/2012	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	10/8/2012	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/20/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/25/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/18/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/16/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-3 (cont.)	3/24/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/21/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/17/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/6/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/24/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/1/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/17/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/13/2018	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	9/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	3/18/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/13/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/3/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/13/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/2/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/15/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/8/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/11/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/17/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/9/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/10/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-4	downgradient														

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-4 (cont.)	10/27/1993	<0.00297	<0.00142	<2.16	<1.94	<1.58	<4.6	<7.29	<1.76	<1.98	<1.71	<1.73	<1.79	<2.91	<1.56
	3/15/1994	<0.00188	<0.0009	<0.4	<0.45	<1.58	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	6/14/1994	<0.00188	<0.0009	<0.4	<0.45	<1.58	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	9/15/1994	<0.00188	<0.0009	0.4	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	12/22/1994	<0.00188	<0.0009	<0.4	<0.45	<1.58	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	6/2/1995	<0.00188	<0.0009	<0.4	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	12/14/1995	<0.00188	<0.0009	<0.4	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	6/13/1996	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	11/26/1996	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	4/23/1997	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	10/8/1997	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.05	<0.2	<0.12	0.22	<10	<0.16
	4/13/1998	<0.0002	<0.0002	<0.04	<0.05	<0.1	<0.04	<0.2	<0.05	<0.04	<0.2	<0.03	<0.03	<0.4	<0.04
	11/5/1998	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/1/1999	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
MW-4R	downgradient														
	10/22/1999	<0.001	<0.0005	<0.1	<0.1	<0.1	0.72	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	5/10/2000	<0.001	<0.0005	<0.1	<0.1	<0.1	1.2	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/12/2000	<0.001	<0.0005	<0.1	<0.1	<0.1	0.15	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/26/2001	<0.001	<0.0005	<0.1	<0.1	<0.1	0.3	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/26/2001	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/10/2002	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	11/6/2002	<0.001	<0.0005	<0.1	<0.1	<0.1	0.36	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/18/2003	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	11/5/2003	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/29/2004	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/20/2004	0.0012	<0.0005	<0.1	<0.1	<0.1	0.18	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/27/2005	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1

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		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-4R (cont.)	10/4/2005	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/26/2006	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	10/3/2006	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/11/2007	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	10/4/2007	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/21/2008	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	10/9/2008	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
MW-4R2	downgradient														
	6/11/2009	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	11/12/2009	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	4/14/2010	0.001	<0.00031	<0.26	<0.42	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	10/12/2010	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	4/13/2011	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/6/2011	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/7/2012	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	10/8/2012	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/20/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/25/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/18/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/16/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/24/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/23/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/9/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/24/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/3/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/23/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/1/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1

B: analyte was detected in associated blank sample.

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-4R2 (cont.)	11/17/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/12/2018	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	9/12/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/12/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	3/12/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/12/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/3/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/12/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/2/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/14/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/8/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/11/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/17/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/9/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/9/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-5	downgradient														
	6/14/1994	0.011	<0.0009	<0.4	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	9/15/1994	0.0424	<0.0009	<0.4	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	12/22/1994	<0.00188	<0.0009	<0.4	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	6/2/1995	<0.00188	<0.0009	<0.4	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	12/14/1995	<0.00188	<0.0009	<0.4	<0.45	<0.52	<0.44	<0.84	<0.64	<1.01	<1.87	<0.44	<0.48	<2.37	<0.33
	6/13/1996	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	11/26/1996	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	4/23/1997	0.021	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.24	<1.1	<0.12	<0.12	<10	<0.16
	10/8/1997	<0.01	<0.00084	<0.16	<0.2	<0.4	<2	<0.52	<0.96	<0.05	<0.2	<0.12	0.26	<10	<0.16

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-5 (cont.)	4/13/1998	<0.0002	<0.0002	<0.04	<0.05	<0.1	<0.04	<0.2	<0.05	<0.04	<0.2	<0.03	<0.03	<0.4	<0.04
	11/5/1998	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/1/1999	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/22/1999	<0.001	<0.0005	<0.1	<0.1	<0.1	0.84	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	5/10/2000	<0.001	<0.0005	<0.1	<0.1	<0.1	0.94	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/12/2000	<0.001	<0.0005	<0.1	<0.1	<0.1	0.25	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/26/2001	<0.001	<0.0005	<0.1	<0.1	<0.1	0.45	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/26/2001	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/10/2002	<0.001	<0.0005	<0.1	<0.1	<0.1	0.17	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	11/6/2002	<0.001	<0.0005	<0.1	<0.1	<0.1	0.31	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/18/2003	<0.001	<0.0005	<0.1	<0.1	<0.1	0.34	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	downgradient														
MW-5R	11/5/2003	<0.001	<0.0005	<0.1	<0.1	<0.1	0.11	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/29/2004	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/20/2004	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/27/2005	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/4/2005	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/26/2006	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	10/3/2006	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/11/2007	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	10/4/2007	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/21/2008	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	10/9/2008	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	6/11/2009	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	11/12/2009	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	4/14/2010	<0.00032	<0.00031	<0.26	<0.42	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	10/12/2010	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1

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Historical Database, Mississippi County Class 1 Landfill

MW-5R (cont.)		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
	4/13/2011	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/6/2011	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/7/2012	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	10/8/2012	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/20/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/25/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/18/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/17/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/24/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/23/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/9/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/3/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/23/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/1/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/17/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/13/2018	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	9/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	3/13/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/13/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/3/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/12/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/2/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-5R (cont.)	9/14/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/8/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/11/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/17/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/9/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/9/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-6	downgradient														
	11/5/2003	<0.001	<0.0005	<0.1	<0.1	<0.1	0.13	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/29/2004	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/20/2004	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	4/27/2005	<0.001	<0.0005	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.05	<0.2	<0.1	<0.1	<0.5	<0.1
	10/4/2005	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/26/2006	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	10/3/2006	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/11/2007	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	10/4/2007	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	4/21/2008	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	10/9/2008	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	6/11/2009	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	11/12/2009	<0.00032	<0.00031	<0.26	<0.37	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	4/14/2010	<0.00032	<0.00031	<0.26	<0.42	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	10/12/2010	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	4/13/2011	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/6/2011	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/8/2012	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	10/8/2012	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/20/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1

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Historical Database, Mississippi County Class 1 Landfill

MW-6 (cont.)		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
	9/25/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/19/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/17/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/24/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/23/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/9/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/6/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/23/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/1/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/17/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/13/2018	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	9/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	3/14/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/13/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/3/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/13/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/2/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/14/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/8/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/11/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/17/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/9/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-6 (cont.)	12/9/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
OB-1	upgradient														
	4/11/2007	<0.00036	<0.00022	<0.45	<0.21	<0.33	<0.25	<0.14	<0.36	<0.25	<0.69	<0.8	<0.8	<1.2	<0.38
	11/30/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/1/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/17/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/16/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/13/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/12/2018	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/11/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	9/12/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/11/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	3/12/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/12/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/3/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/10/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/2/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/14/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/8/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/9/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/14/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/8/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/7/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-10	upgradient														
	4/2/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/12/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-10 (cont.)	9/25/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/11/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/19/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/25/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/18/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/16/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/25/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/18/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/25/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/18/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/14/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/11/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/17/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	6/19/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/10/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/10/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/15/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/8/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-11	upgradient														
	11/5/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/10/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/19/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/28/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/1/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-11 (cont.)	3/2/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/19/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/17/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/14/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/11/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/17/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/20/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/5/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/10/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/9/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/9/2021	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
	4/19/2021	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
	6/15/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/8/2021	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
	12/8/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-12	downgradient														
	11/5/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/10/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/19/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/28/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/1/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/2/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/19/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/17/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/14/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/11/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1

B: analyte was detected in associated blank sample.

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-12 (cont.)	12/17/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/20/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/5/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/10/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/10/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/16/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/8/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-13	downgradient														
	11/5/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/10/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/19/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/28/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/1/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/2/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/24/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/18/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/14/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/11/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/19/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	6/20/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/5/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/10/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/10/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/16/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/8/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-14	downgradient														

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-14 (cont.)	11/6/2015	0.00032	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/18/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/23/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/29/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/1/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/2/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/22/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/18/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/16/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/19/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	6/19/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/5/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/10/2020	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
	6/5/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/11/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/16/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/8/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-15	downgradient														
	4/3/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	4/3/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/12/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/25/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/12/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/19/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-15R	downgradient														

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-15R (cont.)	11/6/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/23/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/29/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/1/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/2/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/23/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/18/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/16/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	9/13/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/19/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	6/19/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/3/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/4/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/10/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/16/2021	0.000187(J)	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/9/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-16	downgradient														
	11/5/2015	0.000416	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/29/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/5/2016	<0.001	<0.001	<1	<1	<5	<5	0.476(BJ)	<1	<1	<5	<1	<1	<2.5	<1
	3/2/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/23/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/18/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/16/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/14/2018	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/12/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-16 (cont.)	12/20/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	6/18/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/4/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/12/2020	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
	6/4/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/10/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/16/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/9/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-17	upgradient														
	4/2/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/12/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/26/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/12/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/19/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/25/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/18/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/16/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/25/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/23/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/18/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/26/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/18/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/14/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/11/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/17/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	6/17/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-17 (cont.)	12/4/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/3/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/9/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/14/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-18	upgradient														
	4/3/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/12/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/25/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/12/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/19/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/25/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/18/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/17/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/29/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/22/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/16/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/12/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/20/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/18/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/3/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/10/2020	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
	6/4/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/10/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/16/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/8/2021	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

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-18 (cont.)	12/8/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-19	upgradient														
	4/2/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/12/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/25/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/11/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/19/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/25/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/18/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/16/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/25/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/17/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/25/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/18/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/14/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/11/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/17/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	6/17/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/3/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/9/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/15/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/7/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-20	upgradient														
	4/3/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-20 (cont.)	6/12/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/26/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/12/2013	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/19/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/25/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/18/2014	0.00074(J)	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/16/2014	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/18/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/29/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/22/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/16/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/12/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
MW-21	upgradient														
	11/5/2015	0.000325	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/11/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/18/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/25/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/30/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/1/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/18/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/17/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/14/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/11/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/17/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	6/18/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/4/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1

B: analyte was detected in associated blank sample.

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-21 (cont.)	6/3/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/9/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/15/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/8/2021	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
	12/7/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-22	upgradient														
	11/4/2015	0.000704	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/11/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/18/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/25/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/30/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/1/2017	0.000596(J)	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/17/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/16/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/13/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/11/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/11/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	6/17/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/4/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/3/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/9/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/14/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/7/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-23	upgradient														
	11/4/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/11/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/18/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1

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		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-23 (cont.)	8/25/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/30/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/1/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/17/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/16/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/13/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/11/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/11/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	6/17/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/3/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/9/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/14/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/7/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
MW-24	upgradient														
	11/5/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/10/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/19/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/28/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/30/2016	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/2/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	5/18/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	8/17/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	11/14/2017	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/12/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/17/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1

B: analyte was detected in associated blank sample.

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
MW-24 (cont.)	6/19/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/10/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/14/2020	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
	12/10/2020	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/9/2021	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
	6/15/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/7/2021	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
LEACHATE#1	downgradient														
	4/14/2010	<0.00032	<0.00031	0.38(J)	<0.42	<2.5	<2.5	<0.25	<0.28	<0.48	<0.48	<0.29	<0.3	<0.85	<0.31
	10/12/2010	<0.001	<0.001	0.73(J)	<1	<5	<5	<2.5	<1	<1	<5	<1	0.44(J)	<2.5	<1
	4/13/2011	0.00043(J)	<0.001	0.61(J)	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/6/2011	<0.001	<0.001	1.6	<1	<5	<5	<2.5	<1	<1	<5	<1	0.77	<2.5	<1
	5/8/2012	<0.001	<0.001	1.1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	10/8/2012	<0.001	<0.001	0.95(J)	<1	<5	<5	<2.5	<1	<1	<5	<1	0.89(J)	<2.5	<1
	3/20/2013	<0.001	<0.001	2.6	<1	<5	<5	<2.5	<1	<1	<5	<1	1.1	<2.5	<1
	9/26/2013	<0.001	<0.001	0.74(J)	<1	<5	<5	<2.5	<1	<1	<5	<1	0.32(J)	<2.5	<1
	3/19/2014	<0.001	<0.001	1.2	<1	<5	<5	<2.5	<1	<1	<5	<1	0.96(J)	<2.5	<1
	9/17/2014	0.0011	<0.001	0.42(J)	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	3/25/2015	<0.001	<0.001	0.38(J)	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	9/24/2015	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	2/19/2016	<0.001	<0.001	1.71	<1	<5	<5	<2.5	<1	<1	<5	<1	1.37	<2.5	<1
	8/29/2016	<0.001	<0.001	1.61	<1	<5	<5	<2.5	<1	<1	<5	<1	0.997(J)	<2.5	<1
	3/6/2017	<0.001	<0.001	2.05	<1	<5	<5	<2.5	<1	<1	<5	<1	0.936(J)	<2.5	<1
	9/1/2017	0.0018	<0.001	0.913(J)	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1

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Historical Database, Mississippi County Class 1 Landfill

		Carbon disulfide (mg/l)	Carbon tetrachloride (mg/l)	Chlorobenzene (ug/l)	Chlorodibromomethane (ug/l)	Chloroethane (ug/l)	Chloroform (ug/l)	Chloromethane (ug/l)	Dibromomethane (ug/l)	1,2-Dibromoethane (ug/l)	1,2-Dibromo-3-Chloropropane (ug/l)	1,2-Dichlorobenzene (ug/l)	1,4-Dichlorobenzene (ug/l)	trans-1,4-Dichloro-2-butene (ug/l)	1,1-Dichloroethane (ug/l)
LEACHATE#1 (cont.)	12/20/2018	<0.001	<0.001	2.1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	1.34	<2.5	<1
	6/20/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/5/2019	<0.001	<0.001	0.948(J)	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/10/2020	<0.01	<0.01	<10	<10	<50	<50	<25	<10	<10	<50	<10	<10	<25	<10
	12/11/2020	<0.001	<0.001	0.684(J)	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	6/17/2021	0.000148(J)	<0.001	0.208(J)	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/10/2021	<0.01	<0.01	<10	<10	<50	<50	<25	<10	<10	<50	<10	<10	<25	<10
LEACHATE#2	downgradient														
	6/13/2018	<0.001	<0.001	<1	<1	<5	<5	n/a	n/a	n/a	n/a	<1	<1	<2.5	<1
	12/20/2018	<0.001	<0.001	1.81	<1	<5	<5	n/a	n/a	n/a	n/a	<1	0.523(J)	<2.5	<1
	6/20/2019	<0.001	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/5/2019	<0.001	<0.001	1.29	<1	<5	<5	<2.5	<1	<1	<5	<1	0.414(J)	<2.5	<1
	6/10/2020	0.0121	<0.001	0.304(J)	<1	3.56(J)	<5	<2.5	<1	<1	<5	<1	<1	<2.5	1.26
	12/11/2020	<0.001	<0.001	1.68	<1	<5	<5	<2.5	<1	<1	<5	<1	0.484(J)	<2.5	<1
	6/17/2021	0.000229(J)	<0.001	<1	<1	<5	<5	<2.5	<1	<1	<5	<1	<1	<2.5	<1
	12/10/2021	<0.01	<0.01	<10	<10	<50	<50	<25	<10	<10	<50	<10	<10	<25	<10

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Historical Database, Mississippi County Class 1 Landfill

MW-1	downgradient	1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
	10/27/1993	<2.07	<1.88	<1.66	<1.69	<1.75	<1.89	<2.53	<2.04	<2.64	<1.05	<0.0324	<0.0222	<0.00234	<1.9
	3/15/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	3.26	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/14/1994	<0.49	2.44	<0.29	1.06	0.76	0.46	0.63	1.4	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	9/15/1994	<0.49	<1.74	<0.29	<0.58	0.31	<0.31	<0.63	0.41	<3.04	<0.99	<0.0161	<0.0222	<0.00319	0.31
	12/22/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/2/1995	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	12/14/1995	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/13/1996	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	11/26/1996	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	4/23/1997	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	10/8/1997	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.02	<0.01	<0.16
	4/13/1998	<0.06	<0.2	<0.1	<0.05	<0.04	<0.05	<0.05	<0.03	<0.5	<0.1	<0.004	<0.0002	<0.002	<0.04
	11/5/1998	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/1/1999	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/22/1999	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	5/10/2000	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/12/2000	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/26/2001	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/26/2001	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/10/2002	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	11/6/2002	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/18/2003	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	11/5/2003	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/29/2004	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/20/2004	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/27/2005	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-1 (cont.)	10/4/2005	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/26/2006	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	10/3/2006	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/11/2007	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	10/4/2007	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/21/2008	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	10/9/2008	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	6/11/2009	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	11/12/2009	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	4/13/2010	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	10/11/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<0.015	<0.005	<0.005	<1
	4/12/2011	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<0.015	<0.005	<0.005	<1
	12/6/2011	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/7/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.001(J)	<0.01	<1
	10/8/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/19/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/24/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/18/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/16/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/24/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0028(J)	<0.01	<1
	9/24/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/9/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/25/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/6/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	5/24/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-1 (cont.)	9/1/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10(J)	<0.015	<0.005	<0.01	<1
	11/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/14/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/14/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	9/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	3/18/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/14/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/24/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/13/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/3/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/15/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/8/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	3/11/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/10/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/10/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-2	upgradient														
	10/27/1993	<2.07	<1.88	<1.66	<1.69	<1.75	<1.89	<2.53	<2.04	<2.64	<1.05	<0.0324	<0.0222	<0.00234	<1.9
	3/15/1994	<0.49	<1.74	0.32	0.87	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/14/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	9/15/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	0.37	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	12/22/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/2/1995	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	12/14/1995	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/13/1996	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; value is an estimate.

O: value is a statistical outlier.

R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-2 (cont.)	11/26/1996	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	4/23/1997	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	10/8/1997	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.02	<0.01	<0.16
	4/13/1998	<0.06	<0.2	<0.1	<0.05	<0.04	<0.05	<0.05	<0.03	<0.5	<0.1	<0.004	<0.0002	<0.002	<0.04
	11/5/1998	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/1/1999	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/22/1999	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	5/10/2000	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/12/2000	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/26/2001	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/26/2001	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/10/2002	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	11/6/2002	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/18/2003	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	11/5/2003	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/29/2004	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/20/2004	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/27/2005	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/4/2005	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/26/2006	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	2.2	<0.29	<0.0013	<0.001	<0.0005	<0.15
	10/3/2006	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/11/2007	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	10/4/2007	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/21/2008	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	10/9/2008	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	6/11/2009	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	11/12/2009	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-2 (cont.)	4/13/2010	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	10/11/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<0.015	<0.005	<0.005	<1
	4/12/2011	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<0.015	<0.005	<0.005	<1
	12/6/2011	<1	<1	0.3	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/7/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.001(J)	<0.01	<1
	10/8/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/19/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/24/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/18/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/16/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/24/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0025(J)	<0.01	<1
	9/23/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/9/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/24/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/3/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	5/23/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/31/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10(J)	<0.015	<0.005	<0.01	<1
	11/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	9/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	3/12/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/12/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/24/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1

B: analyte was detected in associated blank sample.

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-2 (cont.)	3/12/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/2/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/14/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/8/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	3/11/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-3	downgradient														
	10/27/1993	<2.07	<1.88	<1.66	<1.69	<1.75	<1.89	<2.53	<2.04	<2.64	<1.05	<0.0324	<0.0222	<0.00234	<1.9
	3/15/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/14/1994	<0.49	<1.74	<0.29	<0.58	0.31	0.44	<0.63	0.47	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	9/15/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	12/22/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/2/1995	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	12/14/1995	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/13/1996	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	11/26/1996	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	4/23/1997	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	10/8/1997	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.02	<0.01	<0.16
	4/13/1998	<0.06	<0.2	<0.1	<0.05	<0.04	<0.05	<0.05	<0.03	<0.5	<0.1	<0.004	<0.0002	<0.002	<0.04
	11/5/1998	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/1/1999	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/22/1999	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	5/10/2000	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/12/2000	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/26/2001	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; value is an estimate.

O: value is a statistical outlier.

R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

MW-3 (cont.)		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
	10/26/2001	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/10/2002	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	11/6/2002	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/18/2003	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	11/5/2003	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/29/2004	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/20/2004	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/27/2005	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/4/2005	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/26/2006	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	10/3/2006	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/11/2007	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	10/4/2007	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/21/2008	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	10/9/2008	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	6/11/2009	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	11/12/2009	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	4/13/2010	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	10/11/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<0.015	<0.005	<0.005	<1
	4/12/2011	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<0.015	<0.005	<0.005	<1
	12/6/2011	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/7/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.001(J)	<0.01	<1
	10/8/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/20/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/25/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/18/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/16/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1

B: analyte was detected in associated blank sample.

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Historical Database, Mississippi County Class 1 Landfill

MW-3 (cont.)		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
		<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0025(J)	<0.01	<1
	3/24/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/21/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/17/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/6/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	5/24/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/1/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10(J)	<0.015	<0.005	<0.01	<1
	11/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	9/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	3/18/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/13/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/24/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/13/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/2/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/15/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/8/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	3/11/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/10/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-4	downgradient														

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-4 (cont.)	10/27/1993	<2.07	<1.88	<1.66	<1.69	<1.75	<1.89	<2.53	<2.04	<2.64	<1.05	<0.0324	<0.0222	<0.00234	<1.9
	3/15/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/14/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	9/15/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	12/22/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/2/1995	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	12/14/1995	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/13/1996	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	11/26/1996	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	4/23/1997	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	10/8/1997	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.02	<0.01	<0.16
	4/13/1998	<0.06	<0.2	<0.1	<0.05	<0.04	<0.05	<0.05	<0.03	<0.5	<0.1	<0.004	<0.0002	<0.002	<0.04
	11/5/1998	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/1/1999	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
MW-4R	downgradient														
	10/22/1999	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	5/10/2000	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/12/2000	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/26/2001	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/26/2001	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/10/2002	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	11/6/2002	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/18/2003	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	11/5/2003	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/29/2004	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/20/2004	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/27/2005	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5

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		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-4R (cont.)	10/4/2005	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/26/2006	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	10/3/2006	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/11/2007	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	10/4/2007	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/21/2008	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	10/9/2008	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	3.9	<2.6	<0.01	<0.004	<0.0014	<0.38
MW-4R2	downgradient														
	6/11/2009	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	11/12/2009	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	4/14/2010	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	10/12/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<0.015	<0.005	<0.005	<1
	4/13/2011	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<0.015	<0.005	<0.005	<1
	12/6/2011	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/7/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0011(J)	<0.01	<1
	10/8/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/20/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/25/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/18/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/16/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/24/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0023(J)	<0.01	<1
	9/23/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/9/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/24/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/3/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	5/23/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/1/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1

B: analyte was detected in associated blank sample.

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-4R2 (cont.)	11/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	9/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	3/12/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/12/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/24/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/12/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/2/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/14/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/8/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	3/11/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-5	downgradient														
	6/14/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	0.009	<0.00319	<0.27
	9/15/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	12/22/1994	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/2/1995	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	12/14/1995	<0.49	<1.74	<0.29	<0.58	<0.25	<0.31	<0.63	<0.36	<3.04	<0.99	<0.0161	<0.0222	<0.00319	<0.27
	6/13/1996	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	11/26/1996	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	4/23/1997	<0.24	<0.48	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.01	<0.01	<0.16
	10/8/1997	<0.24	<0.16	<0.48	<0.24	<0.16	<0.4	<0.4	<0.24	<10	<10	<0.04	<0.02	<0.01	<0.16

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-5 (cont.)	4/13/1998	<0.06	<0.2	<0.1	<0.05	<0.04	<0.05	<0.05	<0.03	<0.5	<0.1	<0.004	<0.0002	<0.002	<0.04
	11/5/1998	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/1/1999	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/22/1999	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	5/10/2000	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/12/2000	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/26/2001	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/26/2001	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/10/2002	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	11/6/2002	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/18/2003	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
MW-5R	downgradient														
	11/5/2003	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/29/2004	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/20/2004	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/27/2005	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/4/2005	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/26/2006	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	10/3/2006	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/11/2007	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	10/4/2007	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/21/2008	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	10/9/2008	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	6/11/2009	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	11/12/2009	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	4/14/2010	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	10/12/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<0.015	<0.005	<0.005	<1

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Historical Database, Mississippi County Class 1 Landfill

MW-5R (cont.)		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
	4/13/2011	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<0.015	<0.005	<0.005	<1
	12/6/2011	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/7/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.001(J)	<0.01	<1
	10/8/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/20/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/25/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/18/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/17/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/24/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0026(J)	<0.01	<1
	9/23/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/9/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/3/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	5/23/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/1/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	9/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	3/13/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/13/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/24/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/12/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/2/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-5R (cont.)	9/14/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/8/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	3/11/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-6	downgradient														
	11/5/2003	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/29/2004	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/20/2004	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	4/27/2005	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<1	<0.5	<0.005	<0.01	<0.005	<0.5
	10/4/2005	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/26/2006	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	10/3/2006	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/11/2007	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	10/4/2007	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	4/21/2008	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	10/9/2008	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	6/11/2009	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	11/12/2009	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	4/14/2010	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	<0.22	<1.6	<2.6	<0.01	<0.004	<0.0014	<0.38
	10/12/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<0.015	<0.005	<0.005	<1
	4/13/2011	<1	<1	<1	<1	<1	<1	<1	<1	<5	<5	<0.015	<0.005	<0.005	<1
	12/6/2011	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/8/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.001(J)	<0.01	<1
	10/8/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/20/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1

B: analyte was detected in associated blank sample.

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Historical Database, Mississippi County Class 1 Landfill

MW-6 (cont.)		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
	9/25/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/19/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/17/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/24/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0024(J)	<0.01	<1
	9/23/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/9/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/6/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	5/23/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/1/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	9/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	3/14/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/13/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/24/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/13/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/2/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/14/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/8/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	3/11/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1

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Historical Database, Mississippi County Class 1 Landfill

MW-6 (cont.) OB-1	12/9/2021 upgradient	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	4/11/2007	<0.7	<0.38	<0.16	<0.19	<0.27	<0.19	<0.13	<0.5	<0.53	<0.29	<0.0013	<0.001	<0.0005	<0.15
	11/30/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/1/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/16/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/13/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	9/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	3/12/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/12/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/24/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/2/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/14/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/8/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	3/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/14/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/8/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/7/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-10	upgradient														
	4/2/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/12/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-10 (cont.)	9/25/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/11/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0011(J)	<0.01	<1
	3/19/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/25/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/18/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/16/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/25/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0026(J)	<0.01	<1
	9/24/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/18/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/25/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/18/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	6/19/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/15/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/8/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-11	upgradient														
	11/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/10/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/19/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/28/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/1/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-11 (cont.)	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/19/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/20/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/5/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/9/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	3/9/2021	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
	4/19/2021	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
	6/15/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/8/2021	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
	12/8/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-12	downgradient														
	11/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/10/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/19/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/28/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/1/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/19/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1

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R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-12 (cont.)	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/20/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/5/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/16/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/8/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-13	downgradient														
	11/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/10/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/19/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/28/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/1/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/24/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/18/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/19/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	6/20/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/5/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/16/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/8/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-14	downgradient														

B: analyte was detected in associated blank sample.

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-14 (cont.)	11/6/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/18/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/23/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/29/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/1/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/22/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/18/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/16/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/19/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	6/19/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/24/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/5/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/10/2020	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
	6/5/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/11/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/16/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/8/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-15	downgradient														
	4/3/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.001(J)	<0.01	<1
	4/3/2013	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
	6/12/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/25/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/12/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
MW-15R	3/19/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	downgradient														

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-15R (cont.)	11/6/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/23/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/29/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/1/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/23/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/18/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/16/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	9/13/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/19/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	6/19/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/4/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/16/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-16	downgradient														
	11/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/29/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/5/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	5.09(BJ)	<0.015	<0.005	<0.01	<1
	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/23/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/18/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/16/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/14/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; value is an estimate.

O: value is a statistical outlier.

R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-16 (cont.)	12/20/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	6/18/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/12/2020	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
	6/4/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/16/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-17	upgradient														
	4/2/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0011(J)	<0.01	<1
	6/12/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/26/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/12/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/19/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/25/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/18/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/16/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/25/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0023(J)	<0.01	<1
	9/23/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/18/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/26/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/18/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	6/17/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-17 (cont.)	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/3/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/9/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/14/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-18	upgradient														
	4/3/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.001(J)	<0.01	<1
	6/12/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/25/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/12/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/19/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/25/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/18/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/17/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/24/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/29/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/22/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/16/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/20/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/18/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/10/2020	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
	6/4/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/16/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/8/2021	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

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-18 (cont.)	12/8/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-19	upgradient														
	4/2/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/12/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/25/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/11/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/19/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/25/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/18/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/16/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/25/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0026(J)	<0.01	<1
	9/24/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/17/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/25/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/18/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	6/17/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/3/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/9/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/15/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/7/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-20	upgradient														
	4/3/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0011(J)	<0.01	<1

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; value is an estimate.

O: value is a statistical outlier.

R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-20 (cont.)	6/12/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/26/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/12/2013	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/19/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/25/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/18/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/16/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/24/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/18/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/29/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/22/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/16/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
MW-21	upgradient														
	11/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/11/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/18/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/25/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/30/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/1/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/18/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	6/18/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-21 (cont.)	6/3/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/9/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/15/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/8/2021	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
	12/7/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-22	upgradient														
	11/4/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/11/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/18/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/25/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/30/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/1/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/16/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/13/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	6/17/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/3/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/9/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/14/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/7/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-23	upgradient														
	11/4/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/11/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/18/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-23 (cont.)	8/25/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/30/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/1/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/16/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/13/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/11/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	6/17/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/3/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/9/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/14/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/7/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
MW-24 upgradient	11/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	2/10/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/19/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/28/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/30/2016	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	5/18/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	8/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/12/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1
	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1

B: analyte was detected in associated blank sample.

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
MW-24 (cont.)	6/19/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	9/24/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	<0.005	<0.01	<1
	6/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	9/14/2020	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
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	3/9/2021	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
	6/15/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	12/7/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
LEACHATE#1	downgradient														
	4/14/2010	<0.27	<0.5	<0.38	<0.3	<0.52	<0.26	<0.24	1.8	<1.6	<2.6	0.016	<0.004	<0.0014	<0.38
	10/12/2010	<1	<1	<1	<1	<1	<1	<1	0.78(J)	<5	<5	0.016	<0.005	0.028	<1
	4/13/2011	<1	<1	0.47(J)	<1	<1	<1	<1	0.65(J)	<5	<5	0.22	<0.005	0.0019(J)	<1
	12/6/2011	<1	<1	<1	<1	<1	<1	<1	2.4	<10	<10	<0.015	<0.005	<0.01	<1
	5/8/2012	<1	<1	<1	<1	<1	<1	<1	0.76(J)	<10	<10	<0.015	0.00097(J)	0.0019(J)	<1
	10/8/2012	<1	<1	<1	<1	<1	<1	<1	1.4	<10	<10	<0.015	<0.005	<0.01	<1
	3/20/2013	<1	<1	<1	<1	<1	<1	<1	2	<10	<10	0.0049(J)	<0.005	<0.01	<1
	9/26/2013	<1	<1	<1	<1	<1	<1	<1	0.66(J)	<10	<10	<0.015	<0.005	<0.01	<1
	3/19/2014	<1	<1	<1	<1	<1	<1	<1	1.3	<10	<10	0.005(J)	<0.005	<0.01	<1
	9/17/2014	<1	<1	<1	<1	<1	<1	<1	0.44(J)	<10	<10	0.011(J)	<0.005	0.0036(J)	<1
	3/25/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.015	0.0032(J)	<0.01	<1
	9/24/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	0.0273	<0.005	0.00323	<1
	2/19/2016	<1	<1	<1	<1	<1	<1	<1	1.12	<10	<10	<0.015	<0.005	<0.01	<1
	8/29/2016	<1	<1	<1	<1	<1	<1	<1	1.36	<10	<10	0.015(J)	0.0014(J)	0.00346(J)	<1
	3/6/2017	<1	<1	<1	<1	<1	<1	<1	0.962(J)	<10	<10	<0.01	<0.005	<0.01	<1
	9/1/2017	<1	<1	<1	<1	<1	<1	<1	0.541(J)	<10	<10	<0.015	<0.005	0.00307(J)	<1
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<10	n/a	<0.01	<0.005	<0.01	<1

B: analyte was detected in associated blank sample.

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Historical Database, Mississippi County Class 1 Landfill

		1,2-Dichloroethane (ug/l)	1,1-Dichloroethene (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	1,2-Dichloropropane (ug/l)	cis-1,3-Dichloropropene (ug/l)	trans-1,3-Dichloropropene (ug/l)	Ethylbenzene (ug/l)	2-Hexanone (ug/l)	Iodomethane (ug/l)	2-Butanone [MEK] (mg/l)	Methylene chloride (mg/l)	4-Methyl-2-pentanone [MIBK] (mg/l)	Styrene (ug/l)
LEACHATE#1 (cont.)	12/20/2018	<1	<1	<1	<1	<1	<1	<1	1.9	<10	n/a	0.0047(J)	<0.005	0.00529(J)	<1
	6/20/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	0.00678(J)	<0.005	<0.01	<1
	12/5/2019	<1	<1	<1	<1	<1	<1	<1	0.43(J)	<10	<10	<0.015	<0.005	0.00302(J)	<1
	6/10/2020	<10	<10	<10	<10	<10	<10	<10	<10	<100	<100	<0.1	0.00914(BJ)	<0.1	<10
	12/11/2020	<1	<1	<1	<1	<1	<1	<1	0.308(J)	<10	<10	0.00986(J)	<0.005	0.00256(J)	<1
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	0.0506	<0.005	0.00203(J)	<1
	12/10/2021	<10	<10	<10	<10	<10	<10	<10	<10	<100	<100	<0.1	<0.05	<0.1	<10
LEACHATE#2	downgradient														
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	0.799(J)	<10	n/a	<0.01	<0.005	<0.01	<1
	12/20/2018	<1	<1	<1	<1	<1	<1	<1	4.61	<10	n/a	<0.01	<0.005	<0.01	<1
	6/20/2019	<1	<1	<1	<1	<1	<1	<1	0.407(J)	<10	<10	0.00437(J)	<0.005	<0.01	<1
	12/5/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	0.004(J)	<0.005	<0.01	<1
	6/10/2020	0.551(J)	<1	<1	<1	0.578(J)	<1	<1	<1	<10	<10	<0.01	0.000802(J)	<0.01	<1
	12/11/2020	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	<0.01	<0.005	<0.01	<1
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<1	<10	<10	0.0223	<0.005	<0.01	<1
	12/10/2021	<10	<10	<10	<10	<10	<10	<10	<10	<100	<100	0.118	<0.05	<0.1	<10

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Historical Database, Mississippi County Class 1 Landfill

MW-1	downgradient	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
		(ug/l)	(ug/l)										
	10/27/1993	<1.62	<2.34	<2.14	<1.79	<2.89	<1.66	2.62	<3.53	<4.32	<0.0009	<0.0037	<2.15
	3/15/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	0.99	<2.75	<2.17	<0.00104	<0.00055	<1.13
	6/14/1994	1	<1.79	<0.7	<0.46	<0.84	<0.87	1.89	3	<2.17	<0.00104	0.00156	2.68
	9/15/1994	0.42	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	12/22/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	6/2/1995	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	12/14/1995	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	6/13/1996	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	11/26/1996	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	4/23/1997	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	10/8/1997	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	4/13/1998	<0.03	<0.04	<0.06	<0.05	<0.05	<0.04	<0.06	<0.06	<0.3	<0.003	<0.0002	<0.05
	11/5/1998	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/1/1999	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/22/1999	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	5/10/2000	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/12/2000	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/26/2001	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/26/2001	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/10/2002	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	11/6/2002	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/18/2003	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	11/5/2003	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/29/2004	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/20/2004	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/27/2005	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5

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Historical Database, Mississippi County Class 1 Landfill

MW-1 (cont.)		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
	10/4/2005	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/26/2006	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	10/3/2006	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/11/2007	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	10/4/2007	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/21/2008	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	10/9/2008	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	6/11/2009	<0.4	<0.22	0.32	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	11/12/2009	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	4/13/2010	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.00086
	10/11/2010	<1	<1	0.62(J)	<5	<1	<1	<1	<5	<1	<0.005	<0.001	<0.003
	4/12/2011	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.005	<0.001	<0.003
	12/6/2011	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/7/2012	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	10/8/2012	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/19/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/24/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/18/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/16/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/24/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/24/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/9/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/25/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/6/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/24/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-1 (cont.)	9/1/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/17/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/14/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/14/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/13/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/13/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/18/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/14/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/24/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/13/2020	<1	<1	9.12	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/3/2020	<1	<1	<1	0.294(J)	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/15/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/8/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/11/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/10/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/10/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
MW-2	upgradient												
	10/27/1993	<1.62	<2.34	<2.14	<1.79	<2.89	<1.66	<2.23	<3.53	<4.32	<0.0009	<0.0037	<2.15
	3/15/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	9.09	<2.17	<0.00104	<0.00055	<1.13
	6/14/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	9/15/1994	0.33	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	12/22/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	6/2/1995	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	12/14/1995	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	6/13/1996	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52

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Historical Database, Mississippi County Class 1 Landfill

MW-2 (cont.)		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
	11/26/1996	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	4/23/1997	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	10/8/1997	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	4/13/1998	<0.03	<0.04	<0.06	<0.05	<0.05	<0.04	<0.06	<0.06	<0.3	<0.003	<0.0002	<0.05
	11/5/1998	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/1/1999	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/22/1999	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	5/10/2000	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/12/2000	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/26/2001	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/26/2001	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/10/2002	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	11/6/2002	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/18/2003	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	11/5/2003	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/29/2004	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/20/2004	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/27/2005	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/4/2005	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/26/2006	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	10/3/2006	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/11/2007	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	10/4/2007	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/21/2008	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	10/9/2008	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	6/11/2009	<0.4	<0.22	0.3	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	11/12/2009	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86

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Historical Database, Mississippi County Class 1 Landfill

MW-2 (cont.)		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
	4/13/2010	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.00086
	10/11/2010	<1	<1	0.59(J)	<5	<1	<1	<1	<5	<1	<0.005	<0.001	<0.003
	4/12/2011	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.005	<0.001	<0.003
	12/6/2011	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/7/2012	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	10/8/2012	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/19/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/24/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/18/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/16/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/24/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/23/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/9/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/24/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/3/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/23/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/31/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/17/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/12/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/12/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/12/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/12/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/12/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/24/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

B: analyte was detected in associated blank sample.

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-2 (cont.)	3/12/2020	<1	<1	7.24	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/2/2020	<1	<1	<1	0.3(J)	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/14/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/8/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/11/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/9/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/9/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
MW-3	downgradient												
	10/27/1993	<1.62	<2.34	<2.14	<1.79	<2.89	<1.66	<2.23	<3.53	<4.32	<0.0009	<0.0037	<2.15
	3/15/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	6/14/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	9/15/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	12/22/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	6/2/1995	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	12/14/1995	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	6/13/1996	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	11/26/1996	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	4/23/1997	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	10/8/1997	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	4/13/1998	<0.03	<0.04	<0.06	<0.05	<0.05	<0.04	<0.06	<0.06	<0.3	<0.003	<0.0002	<0.05
	11/5/1998	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/1/1999	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/22/1999	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	5/10/2000	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/12/2000	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/26/2001	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5

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Historical Database, Mississippi County Class 1 Landfill

MW-3 (cont.)		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
	10/26/2001	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/10/2002	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	11/6/2002	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/18/2003	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	11/5/2003	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/29/2004	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/20/2004	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/27/2005	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/4/2005	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/26/2006	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	10/3/2006	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/11/2007	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	10/4/2007	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/21/2008	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	10/9/2008	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	6/11/2009	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	11/12/2009	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	4/13/2010	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.00086
	10/11/2010	<1	<1	0.59(J)	<5	<1	<1	<1	<5	<1	<0.005	<0.001	<0.003
	4/12/2011	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.005	<0.001	<0.003
	12/6/2011	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/7/2012	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	10/8/2012	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/20/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/25/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/18/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/16/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-3 (cont.)	3/24/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/21/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/17/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/1/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/6/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/24/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/1/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/17/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/13/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/13/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/13/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/18/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/13/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/24/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/13/2020	<1	<1	2.76	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/2/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/15/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/8/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/11/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/9/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/10/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
MW-4	downgradient												

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-4 (cont.)	10/27/1993	<1.62	<2.34	<2.14	<1.79	<2.89	<1.66	<2.23	<3.53	<4.32	<0.0009	<0.0037	<2.15
	3/15/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	6/14/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	9/15/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	12/22/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	6/2/1995	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	12/14/1995	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	6/13/1996	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	11/26/1996	<0.2	<0.16	<0.56	2.2	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	4/23/1997	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	10/8/1997	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	4/13/1998	<0.03	<0.04	<0.06	<0.05	<0.05	<0.04	<0.06	<0.06	<0.3	<0.003	<0.0002	<0.05
	11/5/1998	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/1/1999	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
MW-4R	downgradient												
	10/22/1999	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	5/10/2000	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/12/2000	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/26/2001	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/26/2001	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/10/2002	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	11/6/2002	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/18/2003	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	11/5/2003	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/29/2004	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/20/2004	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/27/2005	<0.1	<0.1	<0.5	0.98	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-4R (cont.)	10/4/2005	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/26/2006	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	10/3/2006	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/11/2007	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	10/4/2007	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/21/2008	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	10/9/2008	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
MW-4R2	downgradient												
	6/11/2009	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	11/12/2009	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	4/14/2010	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.00086
	10/12/2010	<1	<1	0.45(J)	<5	<1	<1	<1	<5	<1	<0.005	<0.001	<0.003
	4/13/2011	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.005	<0.001	<0.003
	12/6/2011	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/7/2012	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	10/8/2012	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/20/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/25/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/18/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/16/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/24/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/23/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/9/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/24/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/3/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/23/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/1/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-4R2 (cont.)	11/17/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/12/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/12/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/12/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/12/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/12/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/24/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/12/2020	<1	<1	53.7	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/2/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/14/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/8/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/11/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/9/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/9/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
MW-5	downgradient												
	6/14/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	9/15/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	12/22/1994	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	6/2/1995	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	12/14/1995	<0.26	<1.79	<0.7	<0.46	<0.84	<0.87	<0.74	<2.75	<2.17	<0.00104	<0.00055	<1.13
	6/13/1996	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	11/26/1996	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	4/23/1997	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52
	10/8/1997	<0.2	<0.16	<0.56	<0.44	<0.32	<0.4	<0.76	<0.32	<1.3	<0.01	<0.00068	<0.52

B: analyte was detected in associated blank sample.

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-5 (cont.)	4/13/1998	<0.03	<0.04	<0.06	<0.05	<0.05	<0.04	<0.06	<0.06	<0.3	<0.003	<0.0002	<0.05
	11/5/1998	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/1/1999	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/22/1999	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	5/10/2000	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/12/2000	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/26/2001	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/26/2001	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/10/2002	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	11/6/2002	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/18/2003	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
MW-5R	downgradient												
	11/5/2003	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/29/2004	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/20/2004	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/27/2005	<0.1	<0.1	<0.5	0.62	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/4/2005	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/26/2006	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	10/3/2006	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/11/2007	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	10/4/2007	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/21/2008	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	10/9/2008	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	6/11/2009	<0.4	<0.22	0.4	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	11/12/2009	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	4/14/2010	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.00086
	10/12/2010	<1	<1	0.42(J)	<5	<1	<1	<1	<5	<1	<0.005	<0.001	<0.003

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R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

MW-5R (cont.)		1,1,1,2-Tetrachloroethane (ug/l)		1,1,2,2-Tetrachloroethane (ug/l)		Tetrachloroethene (ug/l)		Toluene (ug/l)		1,1,1-Trichloroethane (ug/l)		1,1,2-Trichloroethane (ug/l)		Trichloroethene (ug/l)		Trichlorofluoromethane (ug/l)		1,2,3-Trichloropropane (ug/l)		Vinyl acetate (mg/l)		Vinyl chloride (mg/l)		Xylenes, Total (mg/l)	
	4/13/2011	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	12/6/2011	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	5/7/2012	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	10/8/2012	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	3/20/2013	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	9/25/2013	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	3/18/2014	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	9/17/2014	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	3/24/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	9/23/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	2/9/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	8/24/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	3/3/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	5/23/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	9/1/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	11/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	3/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	9/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	12/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	3/13/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	6/13/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	9/24/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	3/12/2020	<1	<1	3.92	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	6/2/2020	<1	<1	<1	0.375(J)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; value is an estimate.

O: value is a statistical outlier.

R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-5R (cont.)	9/14/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/8/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/11/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/9/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/9/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
MW-6	downgradient												
	11/5/2003	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/29/2004	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/20/2004	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	4/27/2005	<0.1	<0.1	<0.5	0.75	<0.5	<0.5	<0.5	<0.5	<0.5	<0.005	<0.0002	<0.5
	10/4/2005	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/26/2006	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	10/3/2006	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/11/2007	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	10/4/2007	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.7
	4/21/2008	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	10/9/2008	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	6/11/2009	<0.4	<0.22	0.31	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	11/12/2009	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.86
	4/14/2010	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	<0.00086
	10/12/2010	<1	<1	0.53(J)	<5	<1	<1	<1	<5	<1	<0.005	<0.001	<0.003
	4/13/2011	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.005	<0.001	<0.003
	12/6/2011	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/8/2012	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	10/8/2012	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/20/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

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Historical Database, Mississippi County Class 1 Landfill

MW-6 (cont.)		1,1,1,2-Tetrachloroethane (ug/l)		1,1,2,2-Tetrachloroethane (ug/l)		Tetrachloroethene (ug/l)		Toluene (ug/l)		1,1,1-Trichloroethane (ug/l)		1,1,2-Trichloroethane (ug/l)		Trichloroethene (ug/l)		Trichlorofluoromethane (ug/l)		1,2,3-Trichloropropane (ug/l)		Vinyl acetate (mg/l)		Vinyl chloride (mg/l)		Xylenes, Total (mg/l)	
	9/25/2013	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	3/19/2014	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	9/17/2014	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	3/24/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	9/23/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	2/9/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	5/23/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	8/24/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	3/6/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	5/23/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	9/1/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	11/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	3/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	9/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	12/13/2018	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	3/14/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	6/13/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	9/24/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	3/13/2020	<1	<1	2.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	6/2/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	9/14/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	12/8/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	3/11/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	9/9/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-6 (cont.)	12/9/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
OB-1	upgradient												
	4/11/2007	<0.18	<0.16	<0.5	<0.5	<0.22	<0.22	<0.57	<0.21	<0.34	<0.00034	<0.00026	<0.00017
	11/30/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/1/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/17/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/16/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/13/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/12/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/12/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/11/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/12/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/12/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/24/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/10/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/2/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/14/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/8/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/9/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/14/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/8/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/7/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
MW-10	upgradient												
	4/2/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/12/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

B: analyte was detected in associated blank sample.

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O: value is a statistical outlier.

R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-10 (cont.)	9/25/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/11/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/19/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/25/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/18/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/16/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/25/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/24/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/18/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/25/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/18/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/19/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/10/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/15/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/8/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
MW-11	upgradient												
	11/5/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/10/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/19/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/28/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/1/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

B: analyte was detected in associated blank sample.

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-11 (cont.)	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/19/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/17/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/20/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/5/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/10/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/9/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/9/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	4/19/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/15/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/8/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/8/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
MW-12	downgradient												
	11/5/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/10/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/19/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/28/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/1/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/19/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/17/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-12 (cont.)	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/20/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/5/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/10/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/16/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/8/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
MW-13	downgradient												
	11/5/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/10/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/19/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/28/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/1/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/24/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/18/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/19/2018	<1	<1	<1	0.472(J)	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/20/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/5/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/10/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/16/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/8/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
MW-14	downgradient												

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-14 (cont.)	11/6/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/18/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/23/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/29/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/1/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/22/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/18/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/16/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/19/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/19/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/24/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/5/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/10/2020	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/5/2020	<1	<1	<1	0.292(J)	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/11/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/16/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/8/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
MW-15	downgradient												
	4/3/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	4/3/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/12/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/25/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/12/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
MW-15R	3/19/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	downgradient												

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-15R (cont.)	11/6/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/23/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/29/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/1/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/23/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/18/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/16/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/13/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/19/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/19/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/4/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/16/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/9/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
MW-16	downgradient												
	11/5/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/29/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/5/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/23/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/18/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/16/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/14/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/12/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

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O: value is a statistical outlier.

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-16 (cont.)	12/20/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/18/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/12/2020	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/4/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/16/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/9/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
MW-17	upgradient												
	4/2/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/12/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/26/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/12/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/19/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/25/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/18/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/16/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/25/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/23/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/18/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/26/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/18/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/17/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

B: analyte was detected in associated blank sample.

J: analyte was detected below the RDL; value is an estimate.

O: value is a statistical outlier.

R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-17 (cont.)	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/3/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/9/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/14/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
MW-18	upgradient												
	4/3/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/12/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/25/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/12/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/19/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/25/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/18/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/17/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/24/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/29/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/22/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/16/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/12/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/20/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/13/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/18/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/3/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/10/2020	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/4/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/16/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/8/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-18 (cont.)	12/8/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
MW-19	upgradient												
	4/2/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/12/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/25/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/11/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/19/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/25/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/18/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/16/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/25/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/24/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/17/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/25/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/18/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/17/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/3/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/9/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/15/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/7/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
MW-20	upgradient												
	4/3/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-20 (cont.)	6/12/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/26/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/12/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/19/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/25/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/18/2014	<1	<1	<1	42	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/16/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/24/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/18/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/29/2016	<1	<1	<1	0.792(J)	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/22/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/16/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/12/2018	<1	<1	<1	1.1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	upgradient												
MW-21	11/5/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/11/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/18/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/25/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/30/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/1/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/18/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/17/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/18/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-21 (cont.)	6/3/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/9/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/15/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/8/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/7/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
MW-22	upgradient												
	11/4/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/11/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/18/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/25/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/30/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/1/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/17/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/16/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/13/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/11/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/17/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/3/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/9/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/14/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/7/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
MW-23	upgradient												
	11/4/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/11/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/18/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

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R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-23 (cont.)	8/25/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/30/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/1/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/17/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/16/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/13/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/11/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/11/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/17/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/23/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/3/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/9/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/14/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/7/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
MW-24	upgradient												
	11/5/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/10/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/19/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/28/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/30/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/2/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	5/18/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	8/17/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	11/14/2017	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/12/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/17/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

B: analyte was detected in associated blank sample.

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O: value is a statistical outlier.

R: value was rejected due to suspected error; not used in statistics.

Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
MW-24 (cont.)	6/19/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/24/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/4/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	6/10/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	9/14/2020	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	12/10/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	3/9/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	6/15/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/7/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
LEACHATE#1	downgradient												
	4/14/2010	<0.4	<0.22	<0.29	<2.5	<0.27	<0.45	<0.37	<0.29	<0.36	<0.001	<0.00027	0.0052
	10/12/2010	<1	<1	<1	1.5(J)	<1	<1	<1	<5	<1	<0.005	0.00055(J)	0.0029(J)
	4/13/2011	<1	<1	<1	0.92(J)	<1	<1	<1	<5	<2.5	<0.005	<0.001	0.0022(J)
	12/6/2011	<1	<1	<1	0.99	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.0069
	5/8/2012	<1	<1	<1	0.41(J)	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.0023(J)
	10/8/2012	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.0035
	3/20/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	0.00034(J)	0.0062
	9/26/2013	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.0018(J)
	3/19/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.0027
	9/17/2014	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.0014(J)
	3/25/2015	<1	<1	<1	0.86(J)	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.0015(J)
	9/24/2015	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	2/19/2016	<1	<1	<1	0.803(J)	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.00328
	8/29/2016	<1	<1	<1	<5	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.00452
	3/6/2017	<1	<1	<1	0.414(J)	<1	<1	<10	<5	<2.5	<0.01	<0.001	0.00297(J)
	9/1/2017	<1	<1	<1	0.503(J)	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.00238(J)
	6/13/2018	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003

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Historical Database, Mississippi County Class 1 Landfill

		1,1,1,2-Tetrachloroethane (ug/l)	1,1,2,2-Tetrachloroethane (ug/l)	Tetrachloroethene (ug/l)	Toluene (ug/l)	1,1,1-Trichloroethane (ug/l)	1,1,2-Trichloroethane (ug/l)	Trichloroethene (ug/l)	Trichlorofluoromethane (ug/l)	1,2,3-Trichloropropane (ug/l)	Vinyl acetate (mg/l)	Vinyl chloride (mg/l)	Xylenes, Total (mg/l)
LEACHATE#1 (cont.)	12/20/2018	<1	<1	<1	1.09	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.0059
	6/20/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/5/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.00154(J)
	6/10/2020	<10	<10	<10	<10	<10	<10	<10	<50	<25	<0.1	<0.01	<0.03
	12/11/2020	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.0012(J)
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.000375(J)
	12/10/2021	<10	<10	<10	<10	<10	<10	<10	<50	<25	<0.1	<0.01	0.00375(J)
LEACHATE#2	downgradient												
	6/13/2018	<1	<1	<1	0.873(J)	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.00953
	12/20/2018	<1	<1	<1	1.01	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.0347
	6/20/2019	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.00383
	12/5/2019	<1	<1	<1	0.854(J)	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.0145
	6/10/2020	<1	<1	<1	<1	<1	0.245(J)	<1	<5	<2.5	<0.01	0.000493(J)	0.00112(J)
	12/11/2020	<1	<1	<1	0.649(J)	<1	<1	<1	<5	<2.5	<0.01	<0.001	0.00576
	6/17/2021	<1	<1	<1	<1	<1	<1	<1	<5	<2.5	<0.01	<0.001	<0.003
	12/10/2021	<10	<10	<10	2.82(J)	<10	<10	<10	<50	<25	<0.1	<0.01	0.00183(J)

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