

July 9, 2025

Mr. Geoffrey Spain
Land Quality Bureau
Iowa Department of Natural Resources
6200 Park Avenue, Suite 200
Des Moines, Iowa 50321



**RE: 2025 Spring - Water Quality Notification Letter
Northern Plain Regional Landfill 74-SDP-02-76P**

Dear Mr. Spain:

HMSP

At the Northern Plains Regional Landfill, the following monitoring wells are the upgradient/background wells for the facility: MW-11, MW-12, MW-13, MW-17, MW-18, MW-19, MW-20, and MW-21.

The following downgradient monitoring points remain in the detection monitoring system: MW-9, GU-1, and GU-2.

The following downgradient monitoring points are in the assessment monitoring system: MW-3AR, MW-6B, MW-7A, MW-7B, MW-10, MW-15, and MW-16.

The following downgradient monitoring points are Point of Compliance Corrective Action Monitoring Wells: MW-8 and MW-14.

Notification of Results of Spring Sampling, Analyses, and Statistical Evaluation

Wells in the Detection Monitoring System

Prediction Limit exceedances **for inorganic** compounds:

None.

Prediction Limit exceedances **for VOC** include:

None.

Wells in the Assessment Monitoring System

Prediction Limit exceedances **for inorganic** compounds:

MW-3AR – cadmium

MW-6B - none

MW-7A – nickel

MW-7B – barium

MW-10 – copper

MW-15 – none

MW-16 – none

Prediction Limit exceedances **for VOC** include:

None.

Wells in the Corrective Action Monitoring System

Prediction Limit exceedances **for inorganic** compounds:

MW-8 – arsenic, barium, cadmium, zinc

Prediction Limit exceedances **for VOC** include:

None.

Historic Appendix II Compound Detections

The tables that follow summarize Appendix II detections (beyond the Appendix I compound list). Green highlights indicate full Appendix II sample collection events.

bis(2-ethylhexyl)phthalate (ug/L)

Date	MW-3AR	MW-6B	MW-7A	MW-7B	MW-8	MW-10	MW-14	MW-15	MW-16
6/9/09	NT	NT	<10	<10	<10	NT	<10	<10	NT
10/29/09	NT	NT	<10	<10	<10	NT	<8	<8	NT
4/19/10	NT	NT	NT	NT	NT	NT	<10	<10	NT
10/20/10	NT	NT	<10	<10	<10	NT	NT	NT	NT
10/31/11	10.0	NT	NT	NT	NT	NT	NT	NT	NT
4/25/12	10.0	NT	NT	NT	NT	NT	NT	NT	NT
4/15/13	<10.	NT	NT	NT	NT	NT	NT	NT	NT
8/9/13	<10.	NT	NT	NT	NT	NT	NT	NT	NT
4/7/14	<10.	NT	NT	NT	NT	NT	NT	NT	NT
10/23/14	<10.	NT	NT	NT	NT	NT	NT	NT	NT
4/2/15	NT	NT	<10	<10	<10	NT	<10	<10	NT
10/26/15	<10.	NT	Dry	NT	NT	NT	NT	NT	NT
4/1/16	<10.	NT	NT	NT	NT	NT	NT	NT	NT
10/19/16	<10.	NT	NT	NT	NT	NT	NT	NT	NT
4/17/17	<6	NT	NT	NT	NT	<6	NT	NT	NT
10/11/17	NT	NT	NT	NT	NT	NT	NT	NT	NT
6/01/18	NT	NT	NT	NT	NT	7.0	NT	NT	NT
10/3/2018	NT	NT	NT	NT	NT	NT	NT	NT	NT
4/8/2019	NT	8.0/29.0	NT	NT	NT	<6	NT	NT	NT
10/11/2019	NT	<6	NT	NT	NT	<6	NT	NT	NT
4/27/2020	NT	13.0	<6	<6	<6	<6	<6	11.0	NT
10/9/2020	NT	Dry	NT	NT	NT	<6	NT	<6	NT
4/9/2021	NT	<6	NT	NT	NT	NT	NT	<6	NT
10/25/2021	NT	<6	NT	NT	NT	NT	NT	<6	NT
4/11/2022	frozen	<6	NT	NT	NT	NT	NT	NT	10.0
10/12/2022	dry	dry	dry	NT	NT	NT	NT	NT	<6
4/6/2023	<6	<6	NT	NT	NT	NT	NT	NT	<6
6/27/2023	NT	NT	NT	NT	NT	NT	NT	NT	NT
10/9/2023	dry	dry	dry	NT	NT	NT	NT	NT	NT
4/4/2024	NT	<6	NT	NT	NT	<6	NT	NT	NT
10/16/2024	NT	dry	dry	NT	NT	NT	NT	NT	NT
4/7/2025	NT	<6	<6	<6	<6	NT	<6	<6	NT

Sulfide (mg/L)

Date	MW-3AR	MW-6B	MW-7A	MW-7B	MW-8	MW-10	MW-14	MW-15	MW-16
6/9/09	NT	NT	<0.1	<0.1	<0.1	NT	0.11	0.18	NT
10/29/09	NT	NT	<0.1	<0.1	<0.1	NT	<0.1	<0.1	NT
4/19/10	NT	NT	NT	NT	NT	NT	0.4	<0.1	NT
10/20/10	NT	NT	<0.1	<0.1	<0.1	NT	NT	NT	NT
10/31/11	<0.1	NT	NT	NT	NT	NT	NT	NT	NT
4/25/12	<0.1	NT	NT	NT	NT	NT	<0.1	NT	NT
4/15/13	NT	NT	NT	NT	NT	NT	<0.1	<0.1	NT
8/9/13	NT	NT	NT	NT	NT	NT	<0.1	<0.1	NT
4/7/14	NT	NT	NT	NT	NT	NT	<0.1	<0.1	NT
10/23/14	NT	NT	NT	NT	NT	NT	<0.1	0.12	NT
4/2/15	NT	NT	<0.1	<0.1	0.55	NT	<0.1	<0.1	NT
10/26/15	NT	NT	Dry	NT	<0.1	NT	<0.1	<0.1	NT
4/1/16	NT	NT	NT	NT	0.16	NT	<0.1	0.11	NT
10/19/16	NT	NT	NT	NT	<0.1	NT	<0.1	<0.1	NT
4/17/17	<0.1	NT	NT	NT	<0.1	<0.1	<0.1	<0.1	NT
10/11/17	NT	NT	NT	NT	<0.1	NT	<0.1	<0.1	NT
6/01/18	NT	NT	NT	NT	0.32	<0.2	<0.2	<0.2	NT
10/3/2018	NT	NT	NT	NT	<0.1	NT	<0.1	<0.1	NT
4/8/2019	NT	<0.1	NT	NT	<0.1	NT	<0.1	<0.1	NT
10/11/2019	NT	NT	NT	NT	<0.1	NT	<0.1	<0.1	NT
4/27/2020	NT	<0.1	<0.1	<0.1	<0.3	NT	<0.1	<0.1	NT
10/9/2020	NT	NT	NT	NT	<0.1	NT	NT	NT	NT
4/9/2021	NT	NT	NT	NT	<0.1	NT	NT	NT	NT
10/25/2021	NT	NT	NT	NT	<0.1	NT	NT	NT	NT
4/11/2022	frozen	NT	NT	NT	NT	NT	NT	NT	1.8
10/12/2022	dry	dry	dry	NT	NT	NT	NT	NT	NT
4/6/2023	<0.1	NT	NT	NT	NT	NT	NT	NT	<1.5
10/9/2023	dry	dry	dry	NT	NT	NT	NT	NT	NT
4/4/2024	NT	NT	NT	NT	NT	<0.3	NT	NT	NT
10/16/2024	NT	dry	dry	NT	NT	NT	NT	NT	NT
4/7/2025	NT	<0.1	<0.1	<0.1	<0.3	NT	<0.3	<0.3	NT

Methacrylonitrile (ug/L)

Date	MW-3AR	MW-6B	MW-7A	MW-7B	MW-8	MW-10	MW-14	MW-15	MW-16
6/9/09	NT	NT	<1	<1	<1	NT	<1	<1	NT
10/29/09	NT	NT	<1	<1	<1	NT	<0.1	<0.1	NT
4/19/10	NT	NT	NT	NT	NT	NT	<1	<1	NT
10/20/10	NT	NT	<1	<1	<1	NT	NT	NT	NT
10/31/11	<1	NT	NT	NT	NT	NT	NT	NT	NT
4/25/12	<1	NT	NT	NT	NT	NT	NT	NT	NT
4/15/13	NT	NT	NT	NT	NT	NT	NT	NT	NT
8/9/13	NT	NT	NT	NT	NT	NT	NT	NT	NT
4/7/14	NT	NT	NT	NT	NT	NT	NT	NT	NT
10/23/14	NT	NT	NT	NT	NT	NT	NT	NT	NT
4/2/15	NT	NT	<1	<1	<1	NT	<1	<1	NT
10/26/15	NT	NT	Dry	NT	NT	NT	NT	NT	NT
4/1/16	NT	NT	NT	NT	NT	NT	NT	NT	NT
10/19/16	NT	NT	NT	NT	NT	NT	NT	NT	NT
4/17/17	<1	NT	NT	NT	NT	<1	NT	NT	NT
10/11/17	NT	NT	NT	NT	NT	NT	NT	NT	NT
6/01/18	NT	NT	NT	NT	NT	<1	NT	NT	NT
10/3/2018	NT	NT	NT	NT	NT	NT	NT	NT	NT
4/8/2019	NT	<1	NT	NT	NT	NT	NT	NT	NT
10/11/2019	NT	NT	NT	NT	NT	NT	NT	NT	NT
4/27/2020	NT	<1	<1	<1	<1	NT	1.2	<1	NT
10/9/2020	NT	NT	NT	NT	NT	NT	<1	NT	NT
4/9/2021	NT	NT	NT	NT	NT	NT	NT	NT	NT
10/25/2021	NT	NT	NT	NT	NT	NT	NT	NT	NT
4/11/2022	frozen	NT	NT	NT	NT	NT	NT	NT	<1
10/12/2022	dry	dry	dry	NT	NT	NT	NT	NT	NT
4/6/2023	<1	NT	NT	NT	NT	NT	NT	NT	<1
10/9/2023	dry	dry	dry	NT	NT	NT	NT	NT	NT
4/4/2024	NT	NT	NT	NT	NT	<1	NT	NT	NT
10/16/2024	NT	dry	dry	NT	NT	NT	NT	NT	NT
4/7/2025	NT	<1	<1	<1	<1	NT	<1	<1	NT

NT = Not tested

= Full Appendix II Sample Collected

Current Appendix II Compound Detections

None.

SSL Evaluation

For compounds in each well that have been recorded at concentrations in excess of the Prediction Limit, a comparisons of the Confidence Limits to the GWPS is provided in Attachment A. SSI are highlighted in gray. SSL are highlighted in yellow/green.

VOC

All 95% LCL values for verified VOC compounds at assessment monitoring wells are below the Statewide Standards published in IAC 567, Chapter 137. No SSL for VOC are recorded at the HMSP wells.

Inorganics

The instances where the 95% LCL for inorganic compounds exceeds the applicable GWPS is limited to historic cobalt at MW-14 (4/17/17) and historic arsenic at MW-8 (6/23/21). The two (2) noted SLL are highlighted in Attachment A.

MW-14 - The limits of the impact beyond MW-14 was previously determined. A Final Field Characterization/Delineation of Plume Report was submitted January 17, 2014 (Doc #79350) and was approved November 4, 2014 (Doc# 81707). MW-14A was installed as a step-out well to define the limits of impact east of MW-14. The water testing at MW-14A on March 30, 2012 indicated that cobalt was undetected and reported as below the method detection limit of 0.004 mg/L. MW-14A was properly abandoned on August 9, 2013.

MW-14 is located immediately downgradient of the leachate toe drain and within 50 feet of the toe drain system. MW-14 is utilized as the Point of Compliance Corrective Action Monitoring Point. MW-14 is also positioned as a step-out well to the corrective action system.

The 95% UCL for cobalt at MW-14 (2.22 ug/L) dropped below the site-specific GWPS (4.0 ug/L) in April 2024 and has remained below the GWPS since then. MW-14 should remain in Corrective Action Monitoring at least through 2026.

MW-8 - The limit of the impact beyond MW-8 was previously determined. A Final Field Characterization/Delineation of Plume Report was submitted January 17, 2014 (Doc# 79350) and was approved November 4, 2014 (Doc# 81707). The ACM Report for MW-8 was submitted February 25, 2022 (Doc # 102431) and was approved by IDNR in the Revised Permit dated May 16, 2022 (Doc 103233). Selection of the Remedy was made in April, 2023 with notice filed with IDNR April 21, 2023 (Doc #106432). The corrective measures were completed in November, 2023 and consist of vents in the landfill cap and grading of the site along the south side of the original landfill.

MW-8 is located immediately downgradient of the 2023 corrective action and is utilized as the Attenuation Zone Point of Compliance Point.

The 95% UCL for arsenic at MW-8 remains above the GWPS. MW-8 should remain in Corrective Action Monitoring.

Wells returning to the detection monitoring system

None.

This notification is intended to satisfy requirements of Iowa Administrative Code (IAC) 567-113.10(5)"c"(1); 113.10(6)"d"(1); and 113.10(6)"g". The water quality results for the Spring of 2025 will be fully evaluated in the Annual Water Quality Report in accordance with the unnumbered permit amendments dated May 22, 2013, July 10, 2014, and IAC 567-113.10(10).

Please feel free to contact our office at (515) 733-4144 with any questions you may have.

Sincerely,
HLW Engineering Group



Todd Whipple, CPG
Project Manager

cc: Mark White, Public Works Director
Dan Chism, Superintendent
Jim Thiesse, KCN

Attachment A
Confidence Limit Assessment

Date	Well	Compound	Result (ug/L)	Prediction Limit (ug/L)	95% LCL (ug/L)	95% UCL (ug/L)	GWPS (ug/L)
4/7/14	GU-2	zinc	39.9	45.3	---	---	2,000
10/23/14	GU-2	zinc	24.6	45.3	---	---	2,000
4/2/15	GU-2	zinc	<8.0	45.3	---	---	2,000
10/26/15	GU-2	zinc	24.5	45.3	10.491	36.009	2,000
4/1/16	GU-2	zinc	<8.0	45.3	4.000	24.550	2,000
10/19/16	GU-2	zinc	12.9	45.3	2.933	19.767	2,000
4/17/17	GU-2	zinc	10.9	45.3	5.699	20.451	2,000
10/11/17	GU-2	zinc	<8.0	45.3	3.937	11.963	2,000
06/01/18	GU-2	zinc	13.5	45.3	6.549	14.101	2,000
10/3/18	GU-2	zinc	60.6	45.3	0.000	44.662	2,000
1/3/19	GU-2	zinc	15.2	45.3	1.385	45.265	2,000
4/8/19	GU-2	zinc	10.2	45.3	4.171	45.579	2,000
10/11/19	GU-2	zinc	<20	45.3	2.767	45.233	2,000
4/27/20	GU-2	zinc	21.5	45.3	9.537	18.913	2,000
10/9/20	GU-2	zinc	<20	45.3	7.974	17.876	2,000
4/9/21	GU-2	zinc	<20	45.3	7.896	17.855	2,000
10/25/21	GU-2	zinc	33.1	45.3	9.077	28.223	2,000
4/11/22	GU-2	zinc	<20	45.3	5.772	25.778	2,000
10/12/22	GU-2	zinc	74.1	45.3	5.621	57.979	2,000
1/6/23	GU-2	zinc	53.3	45.3	18.857	66.393	2,000
4/6/23	GU-2	zinc	<20	45.3	9.011	64.689	2,000
10/9/23	GU-2	zinc	<20	45.3	9.011	64.689	2,000
4/4/24	GU-2	zinc	<20	45.3	2.076	39.574	2,000
10/16/24	GU-2	zinc	<20	45.3	10.000	10.000	2,000
4/7/2025	GU-2	zinc	21.1	45.3	7.9685	17.5814	2,000
4/6/23	GU-2	Bis(2ethylhexyl)phthalate	7.0	6.0	---	---	6.0
6/27/23	GU-2	Bis(2ethylhexyl)phthalate	7.0	6.0	---	---	6.0
10/9/23	GU-2	Bis(2ethylhexyl)phthalate	<6.0	6.0	---	---	6.0
4/4/24	GU-2	Bis(2ethylhexyl)phthalate	NT	6.0	---	---	6.0
10/16/24	GU-2	Bis(2ethylhexyl)phthalate	NT	6.0	---	---	6.0
4/7/2025	GU-2	Bis(2ethylhexyl)phthalate	NT	6.0	---	---	6.0

Date	Well	Compound	Result (ug/L)	Prediction Limit (ug/L)	95% LCL (ug/L)	95% UCL (ug/L)	GWPS (ug/L)
4/1/16	MW-3AR	cadmium	0.8	1.3	0.003	4.347	5.0
10/19/16	MW-3AR	cadmium	0.8	1.3	0.000	4.307	5.0
4/17/17	MW-3AR	cadmium	<0.8	1.3	0.337	1.413	5.0
10/11/17	MW-3AR	cadmium	1.6	1.3	0.308	1.492	5.0
06/01/18	MW-3AR	cadmium	<0.8	1.3	0.13	1.465	5.0
10/3/18	MW-3AR	cadmium	1.3	1.3	0.198	1.652	5.0
4/8/19	MW-3AR	cadmium	---	1.3	0.198	1.652	5.0
10/11/19	MW-3AR	cadmium	0.8	1.3	0.400	1.650	5.0
4/27/20	MW-3AR	cadmium	<0.8	1.3	0.355	1.095	5.0
10/9/20	MW-3AR	cadmium	dry	4.0	0.355	1.095	5.0
4/9/21	MW-3AR	cadmium	<0.8	4.0	0.355	1.095	5.0
10/25/21	MW-3AR	cadmium	<0.8	4.0	0.006	0.634	5.0
4/11/22	MW-3AR	cadmium	dry	4.0	0.006	0.634	5.0
10/12/22	MW-3AR	cadmium	dry	4.0	0.006	0.634	5.0
4/6/23	MW-3AR	cadmium	1.2	4.0	0.000	0.894	5.0
10/9/23	MW-3AR	cadmium	dry	4.0	0.000	0.894	5.0
4/4/24	MW-3AR	cadmium	<0.8	1.7	0.254	0.946	5.0
10/16/24	MW-3AR	cadmium	1.0	1.7	0.393	1.107	5.0
4/7/25	MW-3AR	cadmium	2.2	1.7	.320	2.080	5.0
4/1/16	MW-3AR	cobalt	2.3	1.0	0.669	3.981	4.0*
10/19/16	MW-3AR	cobalt	1.7	1.0	0.558	3.942	4.0*
4/17/17	MW-3AR	cobalt	1.3	1.0	0.864	3.886	4.0*
10/11/17	MW-3AR	cobalt	<0.8	1.0	1.322	2.328	4.0*
06/01/18	MW-3AR	cobalt	<0.8	1.0	1.360	2.140	4.0*
10/3/18	MW-3AR	cobalt	<0.8	1.0	1.413	2.237	4.0*
4/8/19	MW-3AR	cobalt	---	4.0	1.413	2.237	4.0*
10/11/19	MW-3AR	cobalt	<0.8	4.0	2.000	2.000	4.0*
4/27/20	MW-3AR	cobalt	<0.4	4.0	0.263	0.437	4.0*
10/9/20	MW-3AR	cobalt	dry	4.0	0.263	0.437	4.0*
4/9/21	MW-3AR	cobalt	<0.4	4.0	0.200	0.200	4.0*
10/25/21	MW-3AR	cobalt	1.1	4.0	0.105	0.885	4.0*
4/11/22	MW-3AR	cobalt	dry	4.0	0.105	0.885	4.0*
10/12/22	MW-3AR	cobalt	dry	4.0	0.105	0.885	4.0*
4/6/23	MW-3AR	cobalt	<0.4	4.0	0.163	0.987	4.0*
10/9/23	MW-3AR	cobalt	dry	4.0	0.163	0.987	4.0*
4/4/24	MW-3AR	cobalt	0.8	4.0	0.185	0.965	4.0*
10/16/24	MW-3AR	cobalt	0.8	4.0	0.398	1.052	4.0*
4/7/25	MW-3AR	cobalt	<0.5	4.0	0.328	0.872	4.0*
4/1/16	MW-3AR	copper	7.2	8.4	0.934	8.816	1,300
10/19/16	MW-3AR	copper	<4.0	8.4	0.934	8.816	1,300
4/17/17	MW-3AR	copper	<4.0	8.4	0.242	6.358	1,300
10/11/17	MW-3AR	copper	4.9	8.4	1.061	6.989	1,300
06/01/18	MW-3AR	copper	4.0	8.4	1.506	4.944	1,300
10/3/18	MW-3AR	copper	9.8	8.4	1.278	9.072	1,300
4/8/19	MW-3AR	copper	---	8.4	1.278	9.072	1,300
10/11/19	MW-3AR	copper	4.3	8.4	2.544	8.956	1,300
4/27/20	MW-3AR	copper	4.0	8.4	3.054	7.996	1,300
10/9/20	MW-3AR	copper	dry	8.4	3.054	7.996	1,300
4/9/21	MW-3AR	copper	4.2	8.4	3.054	7.996	1,300
10/25/21	MW-3AR	copper	4.4	8.4	4.077	4.373	1,300

4/11/22	MW-3AR	copper	dry	8.4	4.077	4.373	1,300
10/12/22	MW-3AR	copper	dry	8.4	4.077	4.373	1,300
4/6/23	MW-3AR	copper	10.2	8.4	1.076	9.324	1,300
10/12/22	MW-3AR	copper	dry	8.4	1.076	9.324	1,300
4/4/24	MW-3AR	copper	<4.0	8.4	2.687	4.613	1,300
10/16/24	MW-3AR	copper	<4.0	8.4	1.998	4.302	1,300
4/7/25	MW-3AR	copper	7.5	8.4	0.596	10.254	1,300

Date	Well	Compound	Result (ug/L)	Prediction Limit (ug/L)	95% LCL (ug/L)	95% UCL (ug/L)	GWPS (ug/L)
10/26/15	MW-6B	selenium	<4	4.0	---	---	50.0
4/1/16	MW-6B	selenium	<4	4.0	---	---	50.0
10/19/16	MW-6B	selenium	<4	4.0	---	---	50.0
4/17/17	MW-6B	selenium	<4	4.0	2.0	2.0	50.0
10/11/17	MW-6B	selenium	<4	4.0	2.0	2.0	50.0
06/01/18	MW-6B	selenium	<4	4.0	2.0	2.0	50.0
10/3/18	MW-6B	selenium	<4	4.0	2.0	2.0	50.0
4/8/19	MW-6B	selenium	<4	4.0	2.0	2.0	50.0
10/11/19	MW-6B	selenium	<4	4.0	2.0	2.0	50.0
4/27/20	MW-6B	selenium	<4	4.0	2.0	2.0	50.0
10/9/20	MW-6B	selenium	dry	4.0	2.0	2.0	50.0
4/9/21	MW-6B	selenium	7.4	4.0	2.0	2.0	50.0
10/25/21	MW-6B	selenium	<4	4.0	2.0	2.0	50.0
4/11/22	MW-6B	selenium	<4	4.0	2.0	2.0	50.0
10/12/22	MW-6B	selenium	dry	4.0	2.0	2.0	50.0
4/6/23	MW-6B	selenium	6.1	4.0	1.089	7.661	50.0
10/9/23	MW-6B	selenium	dry	4.0	1.089	7.661	50.0
4/4/24	MW-6B	selenium	<4	4.0	1.250	6.794	50.0
10/16/24	MW-6B	selenium	dry	4.0	1.250	6.794	50.0
4/7/25	MW-6B	selenium	2.2	4.0	1.327	4.823	50.0
4/1/16	MW-6B	zinc	<8.0	45.3	4.0	4.0	2,000
10/19/16	MW-6B	zinc	<8.0	45.3	4.0	4.0	2,000
4/17/17	MW-6B	zinc	<8.0	45.3	4.0	4.0	2,000
10/11/17	MW-6B	zinc	<8.0	45.3	4.0	4.0	2,000
06/01/18	MW-6B	zinc	<8.0	45.3	4.0	4.0	2,000
10/3/18	MW-6B	zinc	47.7	45.3	0.000	40.627	2,000
1/3/19	MW-6B	zinc	122.0	45.3	0.000	40.627	2,000
4/8/19	MW-6B	zinc	<8.0	45.3	0.000	109.907	2,000
10/11/19	MW-6B	zinc	<20.0	45.3	0.000	109.907	2,000
4/27/20	MW-6B	zinc	<20.0	45.3	0.000	85.924	2,000
10/9/20	MW-6B	zinc	dry	45.3	0.000	85.924	2,000
4/9/21	MW-6B	zinc	<20.0	45.3	10.0	10.0	2,000
10/25/21	MW-6B	zinc	<20.0	45.3	10.0	10.0	2,000
4/11/22	MW-6B	zinc	<20.0	45.3	10.0	10.0	2,000
10/12/22	MW-6B	zinc	dry	45.3	10.0	10.0	2,000
4/6/23	MW-6B	zinc	<20.0	45.3	10.0	10.0	2,000
10/9/23	MW-6B	zinc	dry	45.3	10.0	10.0	2,000
4/4/24	MW-6B	zinc	<20.0	45.3	10.0	10.0	2,000
10/16/24	MW-6B	zinc	dry	45.3	10.0	10.0	2,000
4/7/25	MW-6B	zinc	7.4	45.3	8.224	10.476	2,000
4/1/16	MW-6B	Bis(2ethylhexyl)phthalate	---	6.0	---	---	6.0
10/19/16	MW-6B	Bis(2ethylhexyl)phthalate	---	6.0	---	---	6.0
4/17/17	MW-6B	Bis(2ethylhexyl)phthalate	---	6.0	---	---	6.0
10/11/17	MW-6B	Bis(2ethylhexyl)phthalate	---	6.0	---	---	6.0
06/01/18	MW-6B	Bis(2ethylhexyl)phthalate	---	6.0	---	---	6.0
10/3/18	MW-6B	Bis(2ethylhexyl)phthalate	---	6.0	---	---	6.0
4/8/19	MW-6B	Bis(2ethylhexyl)phthalate	29.0	6.0	---	---	6.0
10/11/19	MW-6B	Bis(2ethylhexyl)phthalate	<6.0	6.0	---	---	6.0
4/27/20	MW-6B	Bis(2ethylhexyl)phthalate	13.0	6.0	---	---	6.0
10/9/20	MW-6B	Bis(2ethylhexyl)phthalate	dry	6.0	---	---	6.0
4/9/21	MW-6B	Bis(2ethylhexyl)phthalate	<6.0	6.0	1.3699	22.6302	6.0
10/25/21	MW-6B	Bis(2ethylhexyl)phthalate	<6.0	6.0	0.000	11.381	6.0
4/11/22	MW-6B	Bis(2ethylhexyl)phthalate	<6.0	6.0	0.000	11.381	6.0

10/12/22	MW-6B	Bis(2ethylhexyl)phthalate	dry	6.0	0.000	11.381	6.0
4/6/23	MW-6B	Bis(2ethylhexyl)phthalate	<6.0	6.0	3.000	3.000	6.0
10/12/22	MW-6B	Bis(2ethylhexyl)phthalate	dry	6.0	3.000	3.000	6.0
4/4/24	MW-6B	Bis(2ethylhexyl)phthalate	<6.0	6.0	3.000	3.000	6.0
10/16/24	MW-6B	Bis(2ethylhexyl)phthalate	dry	6.0	3.000	3.000	6.0
4/7/25	MW-6B	Bis(2ethylhexyl)phthalate	<6.0	6.0	3.000	3.000	6.0

Date	Well	Compound	Result (ug/L)	Prediction Limit (ug/L)	95% LCL (ug/L)	95% UCL (ug/L)	GWPS (ug/L)
4/1/16	MW-7A	cobalt	0.8	1.0	0.997	2.503	4.0*
10/19/16	MW-7A	cobalt	<0.8	1.0	0.997	20503	4.0*
4/17/17	MW-7A	cobalt	1.2	1.0	0.773	2.327	4.0*
10/11/17	MW-7A	cobalt	0.8	1.0	0.535	1.865	4.0*
06/01/18	MW-7A	cobalt	<0.8	1.0	0.794	2.206	4.0*
10/3/18	MW-7A	cobalt	<0.8	1.0	0.794	2.206	4.0*
4/8/19	MW-7A	cobalt	0.9	4.0	0.643	2.207	4.0*
10/11/19	MW-7A	cobalt	1.6	4.0	1.015	2.235	4.0*
4/27/20	MW-7A	cobalt	0.7	4.0	0.458	1.342	4.0*
10/9/20	MW-7A	cobalt	dry	4.0	0.458	1.342	4.0*
4/9/21	MW-7A	cobalt	1.1	4.0	0.621	1.529	4.0*
10/25/21	MW-7A	cobalt	0.9	4.0	0.621	1.529	4.0*
4/11/22	MW-7A	cobalt	0.9	4.0	0.708	1.092	4.0*
10/12/22	MW-7A	cobalt	dry	4.0	0.708	1.092	4.0*
4/6/23	MW-7A	cobalt	1.6	4.0	0.736	1.514	4.0*
10/9/23	MW-7A	cobalt	dry	4.0	0.736	1.514	4.0*
4/4/24	MW-7A	cobalt	<0.4	4.0	0.405	1.395	4.0*
10/16/24	MW-7A	cobalt	dry	4.0	0.405	1.395	4.0*
4/7/25	MW-7A	cobalt	0.6	4.0	0.257	1.493	4.0*
4/1/16	MW-7A	cadmium	<0.8	1.3	0.399	0.751	5.0
10/19/16	MW-7A	cadmium	1.1	1.3	0.387	1.063	5.0
4/17/17	MW-7A	cadmium	1.5	1.3	0.324	1.476	5.0
10/11/17	MW-7A	cadmium	<0.8	1.3	0.324	1.476	5.0
06/01/18	MW-7A	cadmium	<0.8	1.3	0.324	1.476	5.0
10/3/18	MW-7A	cadmium	0.9	1.3	0.294	1.406	5.0
4/8/19	MW-7A	cadmium	<0.8	1.3	0.231	0.819	5.0
10/11/19	MW-7A	cadmium	0.9	1.3	0.310	0.990	5.0
4/27/20	MW-7A	cadmium	<0.8	1.3	0.400	0.900	5.0
10/9/20	MW-7A	cadmium	dry	4.0	0.400	0.900	5.0
4/9/21	MW-7A	cadmium	<0.8	4.0	0.231	0.819	5.0
10/25/21	MW-7A	cadmium	<0.8	4.0	0.231	0.819	5.0
4/11/22	MW-7A	cadmium	<0.8	4.0	0.400	0.400	5.0
10/12/22	MW-7A	cadmium	dry	4.0	0.400	0.400	5.0
4/6/23	MW-7A	cadmium	<0.8	4.0	0.400	0.400	5.0
10/9/23	MW-7A	cadmium	dry	4.0	0.400	0.400	5.0
4/4/24	MW-7A	cadmium	<0.8	1.7	0.400	0.400	5.0
10/16/24	MW-7A	cadmium	Dry	1.7	0.400	0.400	5.0
4/7/25	MW-7A	cadmium	0.3	1.7	0.316	0.434	5.0
4/1/16	MW-7A	nickel	43.4	13.605	16.233	51.717	100.
10/19/16	MW-7A	nickel	42.5	13.605	36.677	46.423	100.
4/17/17	MW-7A	nickel	62.4	13.605	37.142	59.408	100.
10/11/17	MW-7A	nickel	37.9	13.605	33.802	59.298	100.
06/01/18	MW-7A	nickel	32.3	13.605	28.367	59.183	100.
10/3/18	MW-7A	nickel	40.2	13.605	27.646	58.754	100.
4/8/19	MW-7A	nickel	34.9	13.250	32.266	40.384	100.
10/11/19	MW-7A	nickel	40.9	13.00	32.181	41.969	100.
4/27/20	MW-7A	nickel	26.3	12.6	27.739	41.411	100.
10/9/20	MW-7A	nickel	dry	12.6	27.739	41.411	100.
4/9/21	MW-7A	nickel	46.3	12.6	27.014	47.186	100.
10/25/21	MW-7A	nickel	25.8	12.6	22.625	47.025	100.
4/11/22	MW-7A	nickel	54.8	15.6	21.166	55.434	100.
10/12/22	MW-7A	nickel	dry	15.6	21.166	55.434	100.
4/6/23	MW-7A	nickel	27.8	15.6	22.009	55.341	100.
10/9/23	MW-7A	nickel	dry	17.1	22.009	55.341	100.

4/4/24	MW-7A	nickel	12.6	17.1	15.027	45.573	100.
10/16/24	MW-7A	nickel	dry	17.1	15.027	45.573	100.
4/7/25	MW-7A	nickel	26.5	17.1	9.668	51.182	100.
4/1/16	MW-7A	zinc	<8.0	45.3	0.000	29.019	2,000
10/19/16	MW-7A	zinc	<8.0	45.3	0.000	27.887	2,000
4/17/17	MW-7A	zinc	11.4	45.3	1.498	10.202	2,000
10/11/17	MW-7A	zinc	9.2	45.3	2.743	11.557	2,000
06/01/18	MW-7A	zinc	<8.0	45.3	2.743	11.557	2,000
10/3/18	MW-7A	zinc	65.0	45.3	0.000	56.005	2,000
4/8/19	MW-7A	zinc	<8.0	45.3	0.000	55.526	2,000
10/11/19	MW-7A	zinc	<20.0	45.3	0.000	55.127	2,000
4/27/20	MW-7A	zinc	<20.0	45.3	0.000	47.053	2,000
10/9/20	MW-7A	zinc	dry	45.3	0.000	47.053	2,000
4/9/21	MW-7A	zinc	<20.0	45.3	10.000	10.000	2,000
10/25/21	MW-7A	zinc	<20.0	45.3	10.000	10.000	2,000
4/11/22	MW-7A	zinc	<20.0	45.3	10.000	10.000	2,000
10/12/22	MW-7A	zinc	dry	45.3	10.000	10.000	2,000
4/6/23	MW-7A	zinc	<20.0	45.3	10.000	10.000	2,000
10/9/23	MW-7A	zinc	dry	45.3	10.000	10.000	2,000
4/4/24	MW-7A	zinc	<20.0	45.3	10.000	10.000	2,000
10/16/24	MW-7A	zinc	dry	45.3	10.000	10.000	2,000
4/7/25	MW-7A	zinc	5.3	45.3	6.061	11.589	2,000
4/1/16	MW-7A	1,1-dichloroethane	<1.0	1.0	0.000	2.176	140.
10/19/16	MW-7A	1,1-dichloroethane	2.2	1.0	0.000	1.925	140.
4/17/17	MW-7A	1,1-dichloroethane	<1.0	1.0	0.000	1.925	140.
10/11/17	MW-7A	1,1-dichloroethane	3.2	1.0	0.031	3.169	140.
06/01/18	MW-7A	1,1-dichloroethane	2.2	1.0	0.707	3.343	140.
10/3/18	MW-7A	1,1-dichloroethane	2.6	1.0	0.762	3.488	140.
4/8/19	MW-7A	1,1-dichloroethane	<1.0	1.0	0.762	3.488	140
10/11/19	MW-7A	1,1-dichloroethane	1.1	1.0	0.460	2.740	140
4/27/20	MW-7A	1,1-dichloroethane	<1.0	1.0	0.317	2.033	140
10/9/20	MW-7A	1,1-dichloroethane	dry	1.0	0.317	2.033	140
4/9/21	MW-7A	1,1-dichloroethane	<1.0	1.0	0.297	1.003	140
10/25/21	MW-7A	1,1-dichloroethane	<1.0	1.0	0.297	1.003	140
4/11/22	MW-7A	1,1-dichloroethane	<1.0	1.0	0.500	0.500	140
10/12/22	MW-7A	1,1-dichloroethane	dry	1.0	0.500	0.500	140
4/6/23	MW-7A	1,1-dichloroethane	<1.0	1.0	0.500	0.500	140
10/9/23	MW-7A	1,1-dichloroethane	dry	1.0	0.500	0.500	140
4/4/24	MW-7A	1,1-dichloroethane	<1.0	1.0	0.500	0.500	140
10/16/24	MW-7A	1,1-dichloroethane	dry	1.0	0.500	0.500	140
4/7/25	MW-7A	1,1-dichloroethane	<1.0	1.0	0.500	0.500	140
4/1/16	MW-7A	Cis-1,2-DCE	<1.0	1.0	0.000	1.757	70.
10/19/16	MW-7A	Cis-1,2-DCE	2.0	1.0	0.000	1.757	70.
4/17/17	MW-7A	Cis-1,2-DCE	<1.0	1.0	0.000	1.757	70.
10/11/17	MW-7A	Cis-1,2-DCE	3.4	1.0	0.000	3.238	70.
06/01/18	MW-7A	Cis-1,2-DCE	1.7	1.0	0.498	3.302	70.
10/3/18	MW-7A	Cis-1,2-DCE	2.5	1.0	0.577	3.473	70.
4/8/19	MW-7A	Cis-1,2-DCE	<1.0	1.0	0.577	3.473	70.
10/11/19	MW-7A	Cis-1,2-DCE	2.0	1.0	0.675	2.675	70.
4/27/20	MW-7A	Cis-1,2-DCE	<1.0	1.0	0.482	2.268	70.
10/9/20	MW-7A	Cis-1,2-DCE	dry	1.0	0.482	2.268	70.
4/9/21	MW-7A	Cis-1,2-DCE	<1.0	1.0	0.000	1.757	70.
10/25/21	MW-7A	Cis-1,2-DCE	<1.0	1.0	0.000	1.757	70.
4/11/22	MW-7A	Cis-1,2-DCE	<1.0	1.0	0.500	0.500	70.
10/12/22	MW-7A	Cis-1,2-DCE	dry	1.0	0.500	0.500	70.
4/6/23	MW-7A	Cis-1,2-DCE	<1.0	1.0	0.500	0.500	70.

10/9/23	MW-7A	Cis-1,2-DCE	dry	1.0	0.500	0.500	70.
4/4/24	MW-7A	Cis-1,2-DCE	<1.0	1.0	0.500	0.500	70.
10/16/24	MW-7A	Cis-1,2-DCE	dry	1.0	0.500	0.500	70.
4/7/25	MW-7A	Cis-1,2-DCE	<1.0	1.0	0.500	0.500	70.
4/1/16	MW-7A	Vinyl Chloride	<1.0	1.0	0.297	1.003	2.0
10/19/16	MW-7A	Vinyl Chloride	<1.0	1.0	0.500	0.500	2.0
4/17/17	MW-7A	Vinyl Chloride	<1.0	1.0	0.500	0.500	2.0
10/11/17	MW-7A	Vinyl Chloride	1.3	1.0	0.229	1.171	2.0
06/01/18	MW-7A	Vinyl Chloride	1.1	1.0	0.365	1.335	2.0
10/3/18	MW-7A	Vinyl Chloride	<1.0	1.0	0.365	1.335	2.0
4/8/19	MW-7A	Vinyl Chloride	<1.0	1.0	0.365	1.335	2.0
10/11/19	MW-7A	Vinyl Chloride	<1.0	1.0	0.297	1.003	2.0
4/27/20	MW-7A	Vinyl Chloride	<1.0	1.0	0.500	0.500	2.0
10/9/20	MW-7A	Vinyl Chloride	dry	1.0	0.500	0.500	2.0
4/9/21	MW-7A	Vinyl Chloride	<1.0	1.0	0.500	0.500	2.0
10/25/21	MW-7A	Vinyl Chloride	<1.0	1.0	0.500	0.500	2.0
4/11/22	MW-7A	Vinyl Chloride	<1.0	1.0	0.500	0.500	2.0
10/12/22	MW-7A	Vinyl Chloride	dry	1.0	0.500	0.500	2.0
4/6/23	MW-7A	Vinyl Chloride	<1.0	1.0	0.500	0.500	2.0
10/9/23	MW-7A	Vinyl Chloride	dry	1.0	0.500	0.500	2.0
4/4/24	MW-7A	Vinyl Chloride	<1.0	1.0	0.500	0.500	2.0
10/16/24	MW-7A	Vinyl Chloride	dry	1.0	0.500	0.500	2.0
4/7/25	MW-7A	Vinyl Chloride	<1.0	1.0	0.500	0.500	2.0

* A Site-Specific GWPS for this compound is warranted when the prediction limit is above the State-Wide GWPS. The Site-Specific GWPS is established for the purpose of this report.

Date	Well	Compound	Result (ug/L)	Prediction Limit (ug/L)	95% LCL (ug/L)	95% UCL (ug/L)	GWPS (ug/L)
4/1/16	MW-7B	barium	573.0	541.2513	591.778	787.222	2,000.
10/19/16	MW-7B	barium	652.0	541.2513	576.918	760.082	2,000.
4/17/17	MW-7B	barium	616.0	541.2513	556.174	744.326	2,000.
10/11/17	MW-7B	barium	614.0	541.2513	575.763	651.737	2,000.
06/01/18	MW-7B	barium	668.0	541.2513	605.973	669.07	2,000.
10/3/18	MW-7B	barium	665.0	541.2513	605.732	675.768	2,000.
4/8/19	MW-7B	barium	501.0	869.9216	520.204	703.796	2,000.
10/11/19	MW-7B	barium	596.0	819.6279	515.276	699.724	2,000.
4/27/20	MW-7B	barium	542.0	801.7770	574.555	637.445	2,000.
10/9/20	MW-7B	barium	776.0	777.1527	461.131	746.369	2,000.
4/9/21	MW-7B	barium	636.0	745.1464	519.818	755.182	2,000.
10/25/21	MW-7B	barium	647.0	721.8947	537.129	763.371	2,000.
4/11/22	MW-7B	barium	602.0	728.2730	575.526	754.974	2,000.
10/12/22	MW-7B	barium	744.0	700.6661	585.587	728.913	2,000.
4/6/23	MW-7B	barium	NT	713.4888	585.587	728.913	2,000.
10/9/23	MW-7B	barium	684.0	686.9601	598.598	739.902	2,000.
4/4/24	MW-7B	barium	643.0	685.3309	596.981	739.519	2,000.
10/16/24	MW-7B	barium	678.0	661.2919	637.926	736.574	2,000.
4/7/25	MW-7B	barium	749.0	664.8910	636.508	740.492	2,000.
4/1/16	MW-7B	cobalt	<0.8	1.0	2.0	2.0	4.0*
10/19/16	MW-7B	cobalt	<0.8	1.0	2.0	2.0	4.0*
4/17/17	MW-7B	cobalt	3.6	1.0	1.459	3.341	4.0*
10/11/17	MW-7B	cobalt	2.3	1.0	1.577	3.373	4.0*
06/01/18	MW-7B	cobalt	2.3	1.0	1.710	3.390	4.0*
10/3/18	MW-7B	cobalt	1.7	1.0	1.532	3.418	4.0*
4/8/19	MW-7B	cobalt	<0.8	4.0	1.737	2.413	4.0*
10/11/19	MW-7B	cobalt	1.2	4.0	1.248	2.352	4.0*
4/27/20	MW-7B	cobalt	0.6	4.0	0.463	1.487	4.0*
10/9/20	MW-7B	cobalt	1.8	4.0	0.656	2.144	4.0*
4/9/21	MW-7B	cobalt	1.4	4.0	0.662	1.838	4.0*
10/25/21	MW-7B	cobalt	0.4	4.0	0.273	1.827	4.0*
4/11/22	MW-7B	cobalt	0.8	4.0	0.369	1.831	4.0*
10/12/22	MW-7B	cobalt	2.1	4.0	0.303	2.047	4.0*
4/6/23	MW-7B	cobalt	NT	4.0	0.303	2.047	4.0*
10/9/23	MW-7B	cobalt	<0.4	4.0	0.321	2.329	4.0*
4/4/24	MW-7B	cobalt	<0.4	4.0	0.000	1.873	4.0*
10/16/24	MW-7B	cobalt	<0.4	4.0	0.000	1.825	4.0*
4/7/25	MW-7B	cobalt	<0.5	4.0	0.400	0.400	4.0*
4/1/16	MW-7B	nickel	15.4	13.0651	15.181	15.819	100.
10/19/16	MW-7B	nickel	14.8	13.0651	14.887	15.563	100.
4/17/17	MW-7B	nickel	19.4	13.0651	13.757	18.743	100.
10/11/17	MW-7B	nickel	14.4	13.0651	13.290	18.710	100.
06/01/18	MW-7B	nickel	16.9	13.0651	13.675	19.075	100.
10/3/18	MW-7B	nickel	16.7	13.0651	14.446	19.254	100.
4/8/19	MW-7B	nickel	16.5	13.250	14.759	17.491	100.
10/11/19	MW-7B	nickel	18.3	13.00	16.140	18.060	100.
4/27/20	MW-7B	nickel	18.9	12.60	16.575	18.625	100.
10/9/20	MW-7B	nickel	26.0	12.60	15.012	24.838	100.
4/9/21	MW-7B	nickel	12.6	12.60	12.491	25.409	100.
10/25/21	MW-7B	nickel	9.7	12.60	8.288	25.312	100.
4/11/22	MW-7B	nickel	16.1	15.60	7.749	24.451	100.
10/12/22	MW-7B	nickel	9.7	15.60	8.448	15.602	100.

4/6/23	MW-7B	nickel	NT	15.60	8.448	15.602	100.
10/9/23	MW-7B	nickel	10.5	17.10	7.866	15.134	100.
4/4/24	MW-7B	nickel	12.1	17.10	8.751	15.449	100.
10/16/24	MW-7B	nickel	10.5	17.10	9.516	11.884	100.
4/7/25	MW-7B	nickel	10.9	17.10	10.109	11.891	100.
4/1/16	MW-7B	1,1-dichloroethane	<1.0	1.0	0.5	0.5	140.
10/19/16	MW-7B	1,1-dichloroethane	<1.0	1.0	0.5	0.5	140.
4/17/17	MW-7B	1,1-dichloroethane	<1.0	1.0	0.5	0.5	140.
10/11/17	MW-7B	1,1-dichloroethane	<1.0	1.0	0.5	0.5	140.
06/01/18	MW-7B	1,1-dichloroethane	<1.0	1.0	0.5	0.5	140.
10/3/18	MW-7B	1,1-dichloroethane	<1.0	1.0	0.5	0.5	140.
4/8/19	MW-7B	1,1-dichloroethane	<1.0	1.0	0.5	0.5	140.
10/11/19	MW-7B	1,1-dichloroethane	<1.0	1.0	0.5	0.5	140.
4/27/20	MW-7B	1,1-dichloroethane	<1.0	1.0	0.5	0.5	140.
10/9/20	MW-7B	1,1-dichloroethane	<1.0	1.0	0.5	0.5	140.
4/9/21	MW-7B	1,1-dichloroethane	<1.0	1.0	0.5	0.5	140.
10/25/21	MW-7B	1,1-dichloroethane	<1.0	1.0	0.5	0.5	140.
4/11/22	MW-7B	1,1-dichloroethane	<1.0	1.0	0.5	0.5	140.
10/12/22	MW-7B	1,1-dichloroethane	<1.0	1.0	0.5	0.5	140.
4/6/23	MW-7B	1,1-dichloroethane	<1.0	1.0	0.5	0.5	140.
10/9/23	MW-7B	1,1-dichloroethane	<1.0	1.0	0.5	0.5	140.
4/4/24	MW-7B	1,1-dichloroethane	<1.0	1.0	0.5	0.5	140.
10/16/24	MW-7B	1,1-dichloroethane	<1.0	1.0	0.5	0.5	140.
4/7/25	MW-7B	1,1-dichloroethane	<1.0	1.0	0.5	0.5	140.
4/1/16	MW-7B	Vinyl Chloride	<1.0	1.0	0.5	0.5	2.0
10/19/16	MW-7B	Vinyl Chloride	<1.0	1.0	0.5	0.5	2.0
4/17/17	MW-7B	Vinyl Chloride	<1.0	1.0	0.5	0.5	2.0
10/11/17	MW-7B	Vinyl Chloride	<1.0	1.0	0.5	0.5	2.0
06/01/18	MW-7B	Vinyl Chloride	<1.0	1.0	0.5	0.5	2.0
10/3/18	MW-7B	Vinyl Chloride	<1.0	1.0	0.5	0.5	2.0
4/8/19	MW-7B	Vinyl Chloride	<1.0	1.0	0.5	0.5	2.0
10/11/19	MW-7B	Vinyl Chloride	<1.0	1.0	0.5	0.5	2.0
4/27/20	MW-7B	Vinyl Chloride	<1.0	1.0	0.5	0.5	2.0
10/9/20	MW-7B	Vinyl Chloride	<1.0	1.0	0.5	0.5	2.0
4/9/21	MW-7B	Vinyl Chloride	<1.0	1.0	0.5	0.5	2.0
10/25/21	MW-7B	Vinyl Chloride	<1.0	1.0	0.5	0.5	2.0
4/11/22	MW-7B	Vinyl Chloride	<1.0	1.0	0.5	0.5	2.0
10/12/22	MW-7B	Vinyl Chloride	<1.0	1.0	0.5	0.5	2.0
4/6/23	MW-7B	Vinyl Chloride	<1.0	1.0	0.5	0.5	2.0
10/9/23	MW-7B	Vinyl Chloride	<1.0	1.0	0.5	0.5	2.0
4/4/24	MW-7B	Vinyl Chloride	<1.0	1.0	0.5	0.5	2.0
10/16/24	MW-7B	Vinyl Chloride	<1.0	1.0	0.5	0.5	2.0
4/7/25	MW-7B	Vinyl Chloride	<1.0	1.0	0.5	0.5	140.

* A Site-Specific GWPS for this compound is warranted when the prediction limit is above the State-Wide GWPS. The Site-Specific GWPS is established for the purpose of this report.

Date	Well	Compound	Result (ug/L)	Prediction Limit (ug/L)	95% LCL (ug/L)	95% UCL (ug/L)	GWPS (ug/L)
4/1/16	MW-8	arsenic	63.5	53.7	44.148	115.402	53.7*
10/19/16	MW-8	arsenic	107.0	53.7	46.283	108.267	53.7*
4/17/17	MW-8	arsenic	55.9	53.7	51.294	107.056	53.7*
10/11/17	MW-8	arsenic	47.2	53.7	37.133	99.667	53.7*
06/01/18	MW-8	arsenic	32.5	53.7	22.569	98.731	53.7*
10/3/18	MW-8	arsenic	9.7	53.7	12.556	60.094	53.7*
4/8/19	MW-8	arsenic	33.1	53.7	12.374	48.876	53.7*
10/11/19	MW-8	arsenic	75.7	53.7	5.349	70.151	53.7*
4/27/20	MW-8	arsenic	56.2	49.3	10.069	77.281	53.7*
10/9/20	MW-8	arsenic	72.9	49.3	36.446	82.504	53.7*
4/9/21	MW-8	arsenic	95.1	49.3	56.224	93.726	53.7*
6/23/21	MW-8	arsenic	57.7	49.3	54.829	86.121	53.7*
10/25/21	MW-8	arsenic	125.0	49.3	53.279	122.071	53.7*
4/11/22	MW-8	arsenic	220.0	49.3	42.821	206.079	53.7*
10/12/22	MW-8	arsenic	360.0	49.3	36.516	344.834	53.7*
4/6/23	MW-8	arsenic	31.7	49.3	19.287	349.063	53.7*
10/9/23	MW-8	arsenic	165.0	49.3	34.306	354.044	53.7*
4/4/24	MW-8	arsenic	30.9	49.3	0.000	329.719	53.7*
10/16/24	MW-8	arsenic	33.5	49.3	0.000	143.489	53.7*
4/7/25	MW-8	arsenic	106.0	36.5	8.180	159.520	53.7*
4/1/16	MW-8	barium	547.0	541.2513	502.530	783.470	2,000.
10/19/16	MW-8	barium	871.0	541.2513	480.928	854.572	2,000.
4/17/17	MW-8	barium	623.0	541.2513	525.343	853.657	2,000.
10/11/17	MW-8	barium	649.0	541.2513	508.725	836.275	2,000.
06/01/18	MW-8	barium	738.0	541.2513	588.606	851.894	2,000.
10/3/18	MW-8	barium	220.0	541.2513	286.571	828.429	2,000.
4/8/19	MW-8	barium	716.0	869.9216	294.370	867.130	2,000.
10/11/19	MW-8	barium	1060.0	819.6279	275.676	1091.324	2,000.
4/27/20	MW-8	barium	680.0	801.7770	263.330	1074.670	2,000.
10/9/20	MW-8	barium	920.0	777.1527	633.895	1054.105	2,000.
4/9/21	MW-8	barium	833.0	745.1464	685.994	1060.506	2,000.
10/25/21	MW-8	barium	1,160.0	721.8947	662.134	1134.366	2,000.
4/11/22	MW-8	barium	2,160.0	728.2730	550.278	1986.222	2,000.
10/12/22	MW-8	barium	2,840.0	700.6661	664.792	2831.708	2,000.
4/6/23	MW-8	barium	399.0	713.488	372.688	2906.812	2,000.
10/9/23	MW-8	barium	1,610.0	686.9601	537.198	2967.302	2,000.
4/4/24	MW-8	barium	613.0	685.3309	537.124	2677.876	2,000.
10/16/24	MW-8	barium	516.0	661.2919	129.019	1439.981	2,000.
4/7/25	MW-8	barium	1,360.0	664.8910	386.485	1663.015	2,000.
4/1/16	MW-8	cadmium	<0.8	1.3	0.400	0.400	5.0
10/19/16	MW-8	cadmium	<0.8	1.3	0.400	0.400	5.0
4/17/17	MW-8	cadmium	<0.8	1.3	0.400	0.400	5.0
10/11/17	MW-8	cadmium	<0.8	1.3	0.400	0.400	5.0
06/01/18	MW-8	cadmium	<0.8	1.3	0.400	0.400	5.0
10/3/18	MW-8	cadmium	1.9	1.3	0.000	1.657	5.0
4/8/19	MW-8	cadmium	<0.8	1.3	0.000	1.657	5.0
10/11/19	MW-8	cadmium	<0.8	1.3	0.000	1.657	5.0
4/27/20	MW-8	cadmium	<0.8	1.3	0.000	1.657	5.0
10/9/20	MW-8	cadmium	<0.8	4.0	0.400	0.400	5.0
4/9/21	MW-8	cadmium	<0.8	4.0	0.400	0.400	5.0
10/25/21	MW-8	cadmium	<0.8	4.0	0.400	0.400	5.0
4/11/22	MW-8	cadmium	0.8	4.0	0.327	0.673	5.0
10/12/22	MW-8	cadmium	<0.8	4.0	0.327	0.673	5.0
4/6/23	MW-8	cadmium	<0.8	4.0	0.327	0.673	5.0

10/9/23	MW-8	cadmium	<0.8	4.0	0.327	0.673	5.0
4/4/24	MW-8	cadmium	<0.8	1.7	0.400	0.400	5.0
10/16/24	MW-8	cadmium	<0.8	1.7	0.400	0.400	5.0
4/7/25	MW-8	cadmium	2.6	1.7	0.000	2.244	5.0
4/1/16	MW-8	lead	<4.0	4.0	2.0	2.0	15.0
10/19/16	MW-8	lead	<4.0	4.0	2.0	2.0	15.0
4/17/17	MW-8	lead	<4.0	4.0	2.0	2.0	15.0
10/11/17	MW-8	lead	<4.0	4.0	2.0	2.0	15.0
06/01/18	MW-8	lead	<4.0	4.0	2.0	2.0	15.0
10/3/18	MW-8	lead	<4.0	4.0	2.0	2.0	15.0
4/8/19	MW-8	lead	6.4	4.0	0.512	5.688	15.0
10/11/19	MW-8	lead	<4.0	4.0	0.512	5.688	15.0
4/27/20	MW-8	lead	<4.0	4.0	0.512	5.688	15.0
10/9/20	MW-8	lead	<4.0	4.0	0.512	5.688	15.0
4/9/21	MW-8	lead	<4.0	4.0	2.000	2.000	15.0
10/25/21	MW-8	lead	<4.0	4.0	2.000	2.000	15.0
4/11/22	MW-8	lead	6.9	4.0	1.103	5.347	15.0
10/12/22	MW-8	lead	<4.0	4.0	1.103	5.347	15.0
4/6/23	MW-8	lead	<4.0	4.0	1.103	5.347	15.0
10/9/23	MW-8	lead	<4.0	4.0	1.103	5.347	15.0
4/4/24	MW-8	lead	5.8	4.0	0.715	5.185	15.0
10/16/24	MW-8	lead	<4.0	4.0	0.715	5.185	15.0
4/7/25	MW-8	lead	1.8	4.0	1.224	4.576	15.0
4/1/16	MW-8	selenium	<4.0	4.0	2.000	2.000	50.0
10/19/16	MW-8	selenium	<4.0	4.0	2.000	2.000	50.0
4/17/17	MW-8	selenium	<4.0	4.0	2.000	2.000	50.0
10/11/17	MW-8	selenium	<4.0	4.0	2.000	2.000	50.0
06/01/18	MW-8	selenium	<4.0	4.0	2.000	2.000	50.0
10/3/18	MW-8	selenium	<4.0	4.0	2.000	2.000	50.0
4/8/19	MW-8	selenium	<4.0	4.0	2.000	2.000	50.0
10/11/19	MW-8	selenium	<4.0	4.0	2.000	2.000	50.0
4/27/20	MW-8	selenium	<4.0	4.0	2.000	2.000	50.0
10/9/20	MW-8	selenium	<4.0	4.0	2.000	2.000	50.0
4/9/21	MW-8	selenium	<4.0	4.0	2.000	2.000	50.0
10/25/21	MW-8	selenium	<4.0	4.0	2.000	2.000	50.0
4/11/22	MW-8	selenium	7.8	4.0	0.039	6.681	50.0
10/12/22	MW-8	selenium	<4.0	4.0	0.039	6.681	50.0
4/6/23	MW-8	selenium	<4.0	4.0	0.039	6.681	50.0
10/9/23	MW-8	selenium	<4.0	4.0	0.039	6.681	50.0
4/4/24	MW-8	selenium	4.2	4.0	1.256	3.844	50.0
10/16/24	MW-8	selenium	<4.0	4.0	1.256	3.844	50.0
4/7/25	MW-8	selenium	<2.0	4.0	1.256	3.844	50.0

* A Site-Specific GWPS for this compound is warranted when the prediction limit is above the State-Wide GWPS. The Site-Specific GWPS is established for the purpose of this report.

Date	Well	Compound	Result (ug/L)	Prediction Limit (ug/L)	95% LCL (ug/L)	95% UCL (ug/L)	GWPS (ug/L)
4/1/16	MW-10	cadmium	<0.8	1.3	0.400	0.400	5.0
10/19/16	MW-10	cadmium	<0.8	1.3	0.400	0.400	5.0
4/17/17	MW-10	cadmium	<0.8	1.3	0.400	0.400	5.0
10/11/17	MW-10	cadmium	<0.8	1.3	0.400	0.400	5.0
06/01/18	MW-10	cadmium	<0.8	1.3	0.400	0.400	5.0
10/3/18	MW-10	cadmium	8.6	1.3	0.000	7.273	5.0
4/8/19	MW-10	cadmium	<0.8	1.3	0.000	7.273	5.0
10/11/19	MW-10	cadmium	<0.8	1.3	0.000	7.273	5.0
4/27/20	MW-10	cadmium	<0.8	1.3	0.000	7.273	5.0
10/9/20	MW-10	cadmium	<0.8	4.0	0.400	0.400	5.0
4/9/21	MW-10	cadmium	1.7	4.0	0.162	1.288	5.0
10/25/21	MW-10	cadmium	<0.8	4.0	0.162	1.288	5.0
4/11/22	MW-10	cadmium	<0.8	4.0	0.162	1.288	5.0
10/12/22	MW-10	cadmium	<0.8	4.0	0.162	1.288	5.0
4/6/23	MW-10	cadmium	<0.8	4.0	0.400	0.400	5.0
10/9/23	MW-10	cadmium	<0.8	4.0	0.400	0.400	5.0
4/4/24	MW-10	cadmium	<0.8	1.7	0.400	0.400	5.0
10/16/24	MW-10	cadmium	4.0	1.7	0.000	3.417	5.0
4/7/25	MW-10	cadmium	0.7	1.7	0.000	3.440	5.0
4/1/16	MW-10	cobalt	<0.8	1.0	1.329	2.271	4.0*
10/19/16	MW-10	cobalt	<0.8	1.0	1.329	2.271	4.0*
4/17/17	MW-10	cobalt	1.8	1.0	1.832	2.068	4.0*
10/11/17	MW-10	cobalt	<0.8	1.0	1.832	2.068	4.0*
06/01/18	MW-10	cobalt	<0.8	1.0	1.832	2.068	4.0*
10/3/18	MW-10	cobalt	2.1	1.0	1.827	2.123	4.0*
4/8/19	MW-10	cobalt	<0.8	4.0	1.966	2.084	4.0*
10/11/19	MW-10	cobalt	0.9	4.0	1.081	2.419	4.0*
4/27/20	MW-10	cobalt	3.4	4.0	0.897	3.303	4.0*
10/9/20	MW-10	cobalt	10.8	4.0	0.000	9.531	4.0*
4/9/21	MW-10	cobalt	<0.4	4.0	0.000	9.531	4.0*
10/25/21	MW-10	cobalt	<0.4	4.0	0.000	9.512	4.0*
4/11/22	MW-10	cobalt	1.6	4.0	0.000	9.359	4.0*
10/12/22	MW-10	cobalt	2.3	4.0	1.637	2.313	4.0*
4/6/23	MW-10	cobalt	<0.4	4.0	1.637	2.313	4.0*
10/9/23	MW-10	cobalt	0.8	4.0	0.910	2.440	4.0*
4/4/24	MW-10	cobalt	<0.4	4.0	0.000	2.037	4.0*
10/16/24	MW-10	cobalt	1.0	4.0	0.297	1.003	4.0*
4/7/25	MW-10	cobalt	<0.5	4.0	0.297	1.003	4.0*
4/1/16	MW-10	copper	9.3	8.4	1.825	19.325	1,300.
10/19/16	MW-10	copper	5.3	8.4	0.000	18.434	1,300.
4/17/17	MW-10	copper	<4.0	8.4	0.000	18.434	1,300.
10/11/17	MW-10	copper	<4.0	8.4	0.570	8.730	1,300.
06/01/18	MW-10	copper	<4.0	8.4	0.884	4.766	1,300.
10/3/18	MW-10	copper	4.6	8.4	1.121	4.179	1,300.
4/8/19	MW-10	copper	20.3	8.4	0.000	17.579	1,300.
10/11/19	MW-10	copper	8.6	8.4	0.000	18.386	1,300.
4/27/20	MW-10	copper	<4.0	8.4	0.000	18.386	1,300.
10/9/20	MW-10	copper	<4.0	8.4	0.000	18.377	1,300.
4/9/21	MW-10	copper	11.9	8.4	0.302	11.948	1,300.
10/25/21	MW-10	copper	<4.0	8.4	0.000	10.298	1,300.
4/11/22	MW-10	copper	<4.0	8.4	0.000	10.298	1,300.
10/12/22	MW-10	copper	<4.0	8.4	0.000	10.298	1,300.
4/6/23	MW-10	copper	<4.0	8.4	2.000	2.000	1,300.
10/9/23	MW-10	copper	18.2	8.4	0.000	15.578	1,300.

4/4/24	MW-10	copper	13.9	23.9	0.000	18.788	1,300.
10/16/24	MW-10	copper	29.5	8.4	2.532	29.268	1,300.
4/7/25	MW-10	copper	13.2	8.4	9.841	27.559	1,300.
4/1/16	MW-10	nickel	<4.0	13.0651	0.000	19.799	100.
10/19/16	MW-10	nickel	5.1	13.0651	0.000	18.563	100.
4/17/17	MW-10	nickel	16.8	13.0651	0.000	14.752	100.
10/11/17	MW-10	nickel	<4.0	13.0651	0.000	14.752	100.
06/01/18	MW-10	nickel	12.7	13.0651	1.153	17.147	100.
10/3/18	MW-10	nickel	4.8	13.0651	1.007	17.143	100.
4/8/19	MW-10	nickel	<4.0	13.250	0.000	11.325	100.
10/11/19	MW-10	nickel	14.1	13.00	1.444	15.356	100.
4/27/20	MW-10	nickel	19.0	12.60	0.642	19.308	100.
10/9/20	MW-10	nickel	16.9	12.60	4.057	21.943	100.
4/9/21	MW-10	nickel	5.0	12.60	6.493	21.007	100.
10/25/21	MW-10	nickel	<4.0	12.60	0.755	20.695	100.
4/11/22	MW-10	nickel	11.1	15.60	0.960	16.540	100.
10/12/22	MW-10	nickel	<4.0	15.60	0.000	10.071	100.
4/6/23	MW-10	nickel	<4.0	15.60	0.000	9.627	100.
10/9/23	MW-10	nickel	5.4	17.10	0.074	10.176	100.
4/4/24	MW-10	nickel	<4.0	17.10	0.850	4.850	100.
10/16/24	MW-10	nickel	25.9	17.10	0.000	22.347	100.
4/7/25	MW-10	nickel	<5.0	17.10	0.000	22.347	100.
4/1/16	MW-10	Bis(2ethylhexyl)phthalate	---	6.0	---	---	6.0
10/19/16	MW-10	Bis(2ethylhexyl)phthalate	---	6.0	---	---	6.0
4/17/17	MW-10	Bis(2ethylhexyl)phthalate	<6.0	6.0	---	---	6.0
10/11/17	MW-10	Bis(2ethylhexyl)phthalate	---	6.0	---	---	6.0
06/01/18	MW-10	Bis(2ethylhexyl)phthalate	7.0	6.0	---	---	6.0
10/3/18	MW-10	Bis(2ethylhexyl)phthalate	---	6.0	---	---	6.0
4/8/19	MW-10	Bis(2ethylhexyl)phthalate	<6.0	6.0	---	---	6.0
10/11/19	MW-10	Bis(2ethylhexyl)phthalate	<6.0	6.0	1.647	6.353	6.0
4/27/20	MW-10	Bis(2ethylhexyl)phthalate	<6.0	6.0	1.647	6.353	6.0
10/9/20	MW-10	Bis(2ethylhexyl)phthalate	<6.0	6.0	3.000	3.000	6.0
4/9/21	MW-10	Bis(2ethylhexyl)phthalate	---	6.0	3.000	3.000	6.0
10/25/21	MW-10	Bis(2ethylhexyl)phthalate	---	6.0	3.000	3.000	6.0
4/11/22	MW-10	Bis(2ethylhexyl)phthalate	---	6.0	3.000	3.000	6.0
10/12/22	MW-10	Bis(2ethylhexyl)phthalate	---	6.0	3.000	3.000	6.0
4/6/23	MW-10	Bis(2ethylhexyl)phthalate	---	6.0	3.000	3.000	6.0
10/9/23	MW-10	Bis(2ethylhexyl)phthalate	---	6.0	3.000	3.000	6.0
4/4/24	MW-10	Bis(2ethylhexyl)phthalate	<6.0	6.0	3.000	3.000	6.0
10/16/24	MW-10	Bis(2ethylhexyl)phthalate	---	6.0	3.000	3.000	6.0
4/7/25	MW-10	Bis(2ethylhexyl)phthalate	---	6.0	3.000	3.000	6.0

* A Site-Specific GWPS for this compound is warranted when the prediction limit is above the State-Wide GWPS. The Site-Specific GWPS is established for the purpose of this report.

Date	Well	Compound	Result (ug/L)	Prediction Limit (ug/L)	95% LCL (ug/L)	95% UCL (ug/L)	GWPS (ug/L)
4/1/16	MW-14	arsenic	76.8	53.7	0.000	112.454	53.7*
10/19/16	MW-14	arsenic	16.3	53.7	0.000	112.454	53.7*
4/17/17	MW-14	arsenic	68.9	53.7	21.640	116.360	53.7*
10/11/17	MW-14	arsenic	11.1	53.7	2.848	83.702	53.7*
06/01/18	MW-14	arsenic	55.2	53.7	4.293	71.457	53.7*
10/3/18	MW-14	arsenic	27.6	53.7	9.927	71.473	53.7*
4/8/19	MW-14	arsenic	18.6	53.7	5.459	50.791	53.7*
10/11/19	MW-14	arsenic	13.7	53.7	6.795	50.575	53.7*
4/27/20	MW-14	arsenic	46.6	49.3	9.560	43.690	53.7*
10/9/20	MW-14	arsenic	18.8	49.3	6.816	42.034	53.7*
4/9/21	MW-14	arsenic	10.8	49.3	3.161	41.789	53.7*
10/25/21	MW-14	arsenic	7.2	49.3	0.000	41.833	53.7*
4/11/22	MW-14	arsenic	61.2	49.3	0.000	53.839	53.7*
10/12/22	MW-14	arsenic	34.3	49.3	0.000	57.742	53.7*
4/6/23	MW-14	arsenic	4.7	49.3	0.000	58.062	53.7*
10/9/23	MW-14	arsenic	17.9	49.3	0.892	58.158	53.7*
4/4/24	MW-14	arsenic	<4.0	49.3	0.000	32.115	53.7*
10/16/24	MW-14	arsenic	22.5	49.3	0.048	23.502	53.7*
4/7/25	MW-14	arsenic	3.1	36.5	0.000	23.575	53.7*
4/1/16	MW-14	barium	1690.0	541.2513	469.188	1621.312	2,000.
10/19/16	MW-14	barium	1190.0	541.2513	495.116	1660.384	2,000.
4/17/17	MW-14	barium	1790.0	541.2513	914.293	1882.207	2,000.
10/11/17	MW-14	barium	1320.0	541.2513	1158.836	1836.164	2,000.
06/01/18	MW-14	barium	1620.0	541.2513	1157.574	1802.426	2,000.
10/3/18	MW-14	barium	1100.0	541.2513	1095.787	1819.213	2,000.
4/8/19	MW-14	barium	1070.0	869.9216	978.625	1576.375	2,000.
10/11/19	MW-14	barium	1000.0	819.6279	862.533	1532.467	2,000.
4/27/20	MW-14	barium	1170.0	801.7770	1002.102	1167.898	2,000.
10/9/20	MW-14	barium	1630.0	777.1527	883.775	1551.225	2,000.
4/9/21	MW-14	barium	592.0	745.1464	592.585	1603.415	2,000.
10/25/21	MW-14	barium	612.0	721.8947	415.684	1586.316	2,000.
4/11/22	MW-14	barium	1080.0	728.2730	402.856	1554.144	2,000.
10/12/22	MW-14	barium	1660.0	700.6661	394.640	1577.360	2,000.
4/6/23	MW-14	barium	411.0	713.4888	287.434	1594.066	2,000.
10/9/23	MW-14	barium	1430.0	686.9601	504.764	1785.736	2,000.
4/4/24	MW-14	barium	53.7	685.3309	0.000	1803.192	2,000.
10/16/24	MW-14	barium	1370.0	661.2919	4.326	1628.024	2,000.
4/7/25	MW-14	barium	236.0	664.8910	0.000	1629.804	2,000.
4/1/16	MW-14	cadmium	<0.8	1.3	0.400	0.400	5.0
10/19/16	MW-14	cadmium	3.7	1.3	0.000	3.166	5.0
4/17/17	MW-14	cadmium	<0.8	1.3	0.000	3.166	5.0
10/11/17	MW-14	cadmium	<0.8	1.3	0.000	3.166	5.0
06/01/18	MW-14	cadmium	<0.8	1.3	0.000	3.166	5.0
10/3/18	MW-14	cadmium	<0.8	1.3	0.400	0.400	5.0
4/8/19	MW-14	cadmium	<0.8	1.3	0.400	0.400	5.0
10/11/19	MW-14	cadmium	<0.8	1.3	0.400	0.400	5.0
4/27/20	MW-14	cadmium	<0.8	1.3	0.400	0.400	5.0
10/9/20	MW-14	cadmium	<0.8	4.0	0.400	0.400	5.0
4/9/21	MW-14	cadmium	<0.8	4.0	0.400	0.400	5.0
10/25/21	MW-14	cadmium	<0.8	4.0	0.400	0.400	5.0
4/11/22	MW-14	cadmium	2.2	4.0	0.071	1.629	5.0
10/12/22	MW-14	cadmium	<0.8	4.0	0.071	1.629	5.0

4/6/23	MW-14	cadmium	<0.8	4.0	0.071	1.629	5.0
10/9/23	MW-14	cadmium	<0.8	4.0	0.071	1.629	5.0
4/4/24	MW-14	cadmium	1.0	1.7	0.071	1.629	5.0
10/16/24	MW-14	cadmium	<0.8	1.7	0.197	0.903	5.0
4/7/25	MW-14	cadmium	<0.2	1.7	0.197	0.903	5.0
4/1/16	MW-14	cobalt	9.4	1.0	4.481	9.119	4.0*
10/19/16	MW-14	cobalt	4.1	1.0	4.010	9.240	4.0*
4/17/17	MW-14	cobalt	9.2	1.0	4.552	10.348	4.0*
10/11/17	MW-14	cobalt	4.6	1.0	3.453	10.197	4.0*
06/01/18	MW-14	cobalt	5.4	1.0	3.104	8.546	4.0*
10/3/18	MW-14	cobalt	3.1	1.0	2.519	8.631	4.0*
4/8/19	MW-14	cobalt	4.7	4.0	3.312	5.588	4.0*
10/11/19	MW-14	cobalt	3.2	4.0	2.766	5.434	4.0*
4/27/20	MW-14	cobalt	5.6	4.0	2.724	5.576	4.0*
10/9/20	MW-14	cobalt	2.4	4.0	2.278	5.672	4.0*
4/9/21	MW-14	cobalt	1.3	4.0	0.979	5.271	4.0*
10/25/21	MW-14	cobalt	1.1	4.0	0.153	5.047	4.0*
4/11/22	MW-14	cobalt	3.1	4.0	0.866	3.084	4.0*
10/12/22	MW-14	cobalt	4.1	4.0	0.698	4.102	4.0*
4/6/23	MW-14	cobalt	0.9	4.0	0.468	4.132	4.0*
10/9/23	MW-14	cobalt	2.1	4.0	0.939	4.161	4.0*
4/4/24	MW-14	cobalt	<0.4	4.0	0.000	3.834	4.0*
10/16/24	MW-14	cobalt	1.7	4.0	0.230	2.220	4.0*
4/7/25	MW-14	cobalt	<0.4	4.0	0.000	2.220	4.0*
4/1/16	MW-14	nickel	14.0	13.0651	14.095	19.505	100.
10/19/16	MW-14	nickel	12.1	13.0651	11.798	19.602	100.
4/17/17	MW-14	nickel	15.6	13.0651	12.175	17.225	100.
10/11/17	MW-14	nickel	16.6	13.0651	12.261	16.889	100.
06/01/18	MW-14	nickel	13.1	13.0651	11.878	16.822	100.
10/3/18	MW-14	nickel	13.6	13.0651	12.782	16.668	100.
4/8/19	MW-14	nickel	12.5	13.250	11.806	16.094	100.
10/11/19	MW-14	nickel	12.7	13.00	12.404	13.546	100.
4/27/20	MW-14	nickel	15.0	12.60	12.111	14.789	100.
10/9/20	MW-14	nickel	12.5	12.60	11.740	14.610	100.
4/9/21	MW-14	nickel	10.6	12.60	10.581	14.819	100.
10/25/21	MW-14	nickel	11.8	12.60	10.290	14.660	100.
4/11/22	MW-14	nickel	11.2	15.60	10.568	12.482	100.
10/12/22	MW-14	nickel	13.8	15.60	10.216	13.484	100.
4/6/23	MW-14	nickel	8.9	15.60	9.052	13.798	100.
10/9/23	MW-14	nickel	11.4	17.10	8.970	13.680	100.
4/4/24	MW-14	nickel	<4.0	17.10	3.034	15.016	100.
10/16/24	MW-14	nickel	7.8	17.10	2.844	12.206	100.
4/7/25	MW-14	nickel	<5.0	17.10	0.357	11.243	100.
4/1/16	MW-14	benzene	<1.0	1.0	0.229	1.171	5.0
10/19/16	MW-14	benzene	<1.0	1.0	0.229	1.171	5.0
4/17/17	MW-14	benzene	1.2	1.0	0.363	1.387	5.0
10/11/17	MW-14	benzene	<1.0	1.0	0.263	1.087	5.0
06/01/18	MW-14	benzene	1.6	1.0	0.309	1.591	5.0
10/3/18	MW-14	benzene	1.0	1.0	0.537	1.613	5.0
4/8/19	MW-14	benzene	<1.0	1.0	0.285	1.515	5.0
10/11/19	MW-14	benzene	<1.0	1.0	0.285	1.515	5.0
4/27/20	MW-14	benzene	1.0	1.0	0.410	1.090	5.0
10/9/20	MW-14	benzene	1.9	1.0	0.198	1.752	5.0
4/9/21	MW-14	benzene	<1.0	1.0	0.198	1.752	5.0
10/25/21	MW-14	benzene	<1.0	1.0	0.198	1.752	5.0
4/11/22	MW-14	benzene	<1.0	1.0	0.244	1.456	5.0

10/12/22	MW-14	benzene	1.9	1.0	0.244	1.456	5.0
4/6/23	MW-14	benzene	<1.0	1.0	0.244	1.456	5.0
10/9/23	MW-14	benzene	<1.0	1.0	0.244	1.456	5.0
4/4/24	MW-14	benzene	<1.0	1.0	0.244	1.456	5.0
10/16/24	MW-14	benzene	<1.0	1.0	0.500	0.500	5.0
4/7/25	MW-14	benzene	<1.0	1.0	0.500	0.500	5.0

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Date	Well	Compound	Result (ug/L)	Prediction Limit (ug/L)	95% LCL (ug/L)	95% UCL (ug/L)	GWPS (ug/L)
4/1/16	MW-15	cobalt	1.2	1.0	1.057	2.143	4.0*
10/19/16	MW-15	cobalt	<0.8	1.0	1.329	2.271	4.0*
4/17/17	MW-15	cobalt	2.3	1.0	1.320	2.430	4.0*
10/11/17	MW-15	cobalt	0.8	1.0	0.758	2.392	4.0*
06/01/18	MW-15	cobalt	0.8	1.0	0.547	2.403	4.0*
10/3/18	MW-15	cobalt	1.0	1.0	0.375	2.075	4.0*
4/8/19	MW-15	cobalt	2.4	4.0	0.341	2.159	4.0*
10/11/19	MW-15	cobalt	0.9	4.0	0.388	2.162	4.0*
4/27/20	MW-15	cobalt	0.5	4.0	0.225	2.175	4.0*
10/9/20	MW-15	cobalt	0.4	4.0	0.000	2.139	4.0*
4/9/21	MW-15	cobalt	0.5	4.0	0.314	0.836	4.0*
10/25/21	MW-15	cobalt	0.4	4.0	0.382	0.518	4.0*
4/11/22	MW-15	cobalt	2.1	4.0	0.000	1.832	4.0*
10/12/22	MW-15	cobalt	2.7	4.0	0.069	2.781	4.0*
4/6/23	MW-15	cobalt	0.4	4.0	0.012	2.788	4.0*
10/9/23	MW-15	cobalt	0.9	4.0	0.279	2.771	4.0*
4/4/24	MW-15	cobalt	0.4	4.0	0.000	2.385	4.0*
10/16/24	MW-15	cobalt	0.6	4.0	0.297	0.853	4.0*
4/7/25	MW-15	cobalt	<0.5	4.0	0.297	0.853	4.0*
4/1/16	MW-15	nickel	18.8	13.0651	23.817	61.383	100.
10/19/16	MW-15	nickel	24.7	13.0651	16.426	55.174	100.
4/17/17	MW-15	nickel	20.2	13.0651	10.688	47.012	100.
10/11/17	MW-15	nickel	16.5	13.0651	15.986	24.114	100.
06/01/18	MW-15	nickel	32.2	13.0651	15.452	31.348	100.
10/3/18	MW-15	nickel	34.8	13.0651	15.409	36.441	100.
4/8/19	MW-15	nickel	14.3	13.250	12.049	36.851	100
10/11/19	MW-15	nickel	18.8	13.00	13.246	36.804	100
4/27/20	MW-15	nickel	15.1	12.60	9.493	32.007	100
10/9/20	MW-15	nickel	29.7	12.60	11.132	27.818	100
4/9/21	MW-15	nickel	17.7	12.60	12.750	27.900	100
10/25/21	MW-15	nickel	16.2	12.60	11.714	27.636	100
4/11/22	MW-15	nickel	13.7	15.60	10.961	27.689	100
10/12/22	MW-15	nickel	34.2	15.60	9.494	31.406	100
4/6/23	MW-15	nickel	14.4	15.60	8.128	31.122	100
10/9/23	MW-15	nickel	47.6	17.10	8.135	46.815	100
4/4/24	MW-15	nickel	17.6	17.10	10.292	46.608	100
10/16/24	MW-15	nickel	28.9	17.10	9.480	44.770	100
4/7/25	MW-15	nickel	16.0	15.60	10.395	44.655	100

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Date	Well	Compound	Result (ug/L)	Prediction Limit (ug/L)	95% LCL (ug/L)	95% UCL (ug/L)	GWPS (ug/L)
4/1/16	MW-16	barium	602.0	541.2513	---	---	2000.0
10/19/16	MW-16	barium	525.0	541.2513	---	---	2000.0
4/17/17	MW-16	barium	414.0	541.2513	---	---	2000.0
10/11/17	MW-16	barium	286.0	541.2513	---	---	2000.0
06/01/18	MW-16	barium	528.0	541.2513	---	---	2000.0
10/3/18	MW-16	barium	274.0	541.2513	---	---	2000.0
4/8/19	MW-16	barium	241.0	869.9216	---	---	2000.0
10/11/19	MW-16	barium	236.0	819.6279	---	---	2000.0
4/27/20	MW-16	barium	420.0	801.7770	---	---	2000.0
10/9/20	MW-16	barium	264.0	777.1527	---	---	2000.0
4/9/21	MW-16	barium	526.0	745.1464	---	---	2000.0
10/25/21	MW-16	barium	450.0	721.8947	---	---	2000.0
4/11/22	MW-16	barium	557.0	728.2730	---	---	2000.0
10/12/22	MW-16	barium	350.0	700.6661	---	---	2000.0
4/6/23	MW-16	barium	548.0	713.4888	---	---	2000.0
10/9/23	MW-16	barium	321.0	686.9601	---	---	2000.0
4/4/24	MW-16	barium	974.0	685.3309	193.923	902.577	2000.0
10/16/24	MW-16	barium	869.0	661.2919	326.130	1029.870	2000.0
4/7/25	MW-16	barium	564.0	664.8910	332.741	1031.259	2000.0
4/1/16	MW-16	nickel	16.0	13.0651	---	---	100.
10/19/16	MW-16	nickel	11.2	13.0651	---	---	100.
4/17/17	MW-16	nickel	12.8	13.0651	---	---	100.
10/11/17	MW-16	nickel	9.0	13.0651	9.669	14.801	100.
06/01/18	MW-16	nickel	11.3	13.0651	9.720	12.430	100.
10/3/18	MW-16	nickel	8.0	13.0651	8.389	12.161	100.
4/8/19	MW-16	nickel	5.6	13.250	6.429	10.521	100.
10/11/19	MW-16	nickel	7.2	13.00	5.946	10.104	100.
4/27/20	MW-16	nickel	12.1	12.60	5.827	10.623	100.
10/9/20	MW-16	nickel	8.7	12.60	5.999	10.801	100.
4/9/21	MW-16	nickel	14.1	12.60	6.827	14.233	100.
6/23/2021	MW-16	nickel	12.2	12.60	9.829	13.721	100.
10/25/21	MW-16	nickel	14.4	12.60	9.267	15.433	100.
01/13/2022	MW-16	nickel	14.8	12.60	12.877	14.873	100.
4/11/22	MW-16	nickel	12.1	15.60	11.699	15.051	100.
10/12/22	MW-16	nickel	11.2	15.60	11.066	15.184	100.
4/6/23	MW-16	nickel	14.4	15.60	11.066	15.184	100.
10/9/23	MW-16	nickel	11.5	17.10	10.595	14.005	100.
4/4/24	MW-16	nickel	14.5	17.10	10.789	15.011	100.
10/16/24	MW-16	nickel	31.3	17.10	7.310	28.540	100.
4/7/25	MW-16	nickel	12.5	17.10	6.490	28.410	100.