

September 10, 2026

Trevor Bratton
Environmental Specialist 2
Ohio Environmental Protection Agency
Division of Environmental Response and Revitalization
Southeast District Office
2195 Front Street
Logan, Ohio 43138-8637

Subject: Post-Closure Plan and Corrective Action Monitoring Plan Class 2 Amendment Request-rev
Monitoring Well Decommissioning: MW-12R
Former Parker Hannifin Facility, Waverly, Pike County, Ohio
Facility ID No. OHD046426409

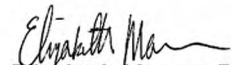
Dear Mr. Bratton:

AECOM Technical Services, Inc. (AECOM) prepared this Post-Closure Plan/Corrective Action Monitoring Plan (PCP/CAMP) Class 2 amendment on behalf of Parker Hannifin Corporation (Parker Hannifin) to request decommissioning of monitoring well MW-12R at the former Parker Hannifin Facility located at 11197 US Route 23 in Waverly, Pike County, Ohio (the Site). **Figure 1** illustrates existing monitoring well locations.

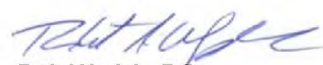
The current property owner, Mr. Randy Roe (Roe Properties LLC), is redeveloping the property and, given the location of MW-12R, this well will likely be damaged or destroyed during redevelopment work. This well is one of seven wells designated to monitor the source area under the CAMP; however, it is located side-gradient or upgradient of the assumed source area. Site constituents of concern have not been detected above groundwater standards at MW-12R since May 2009 (i.e., for last 17 years and 47 sampling events, **Table 1**). Decommissioning of well MW-12R is proposed herein to be performed by a licensed driller and a well decommissioning report will be provided upon completion.

If you have any questions regarding this request or require any additional information, please contact Bob Wyrick at 919-461-1440 or bob.wyrick@aecom.com.

Sincerely,



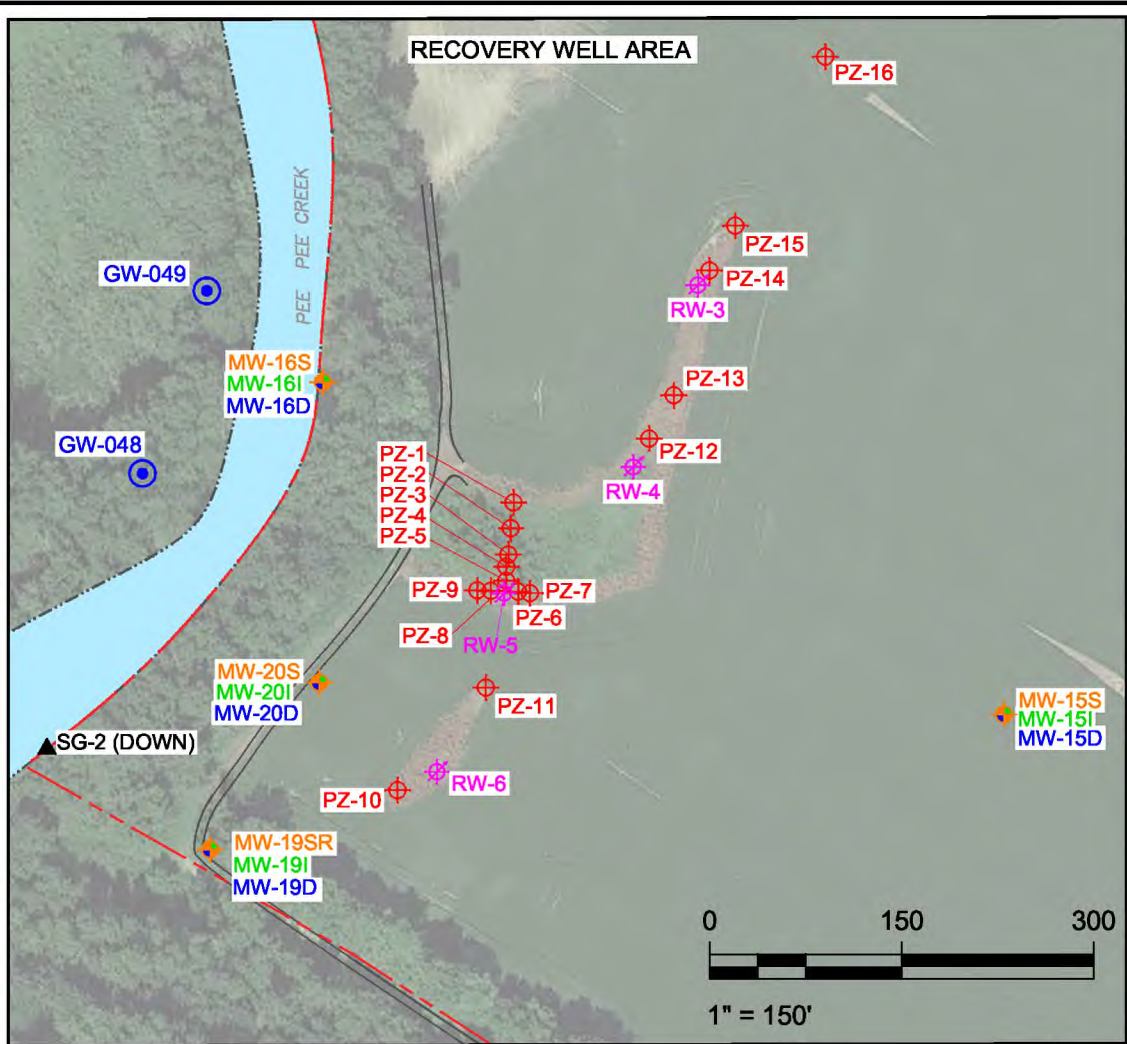
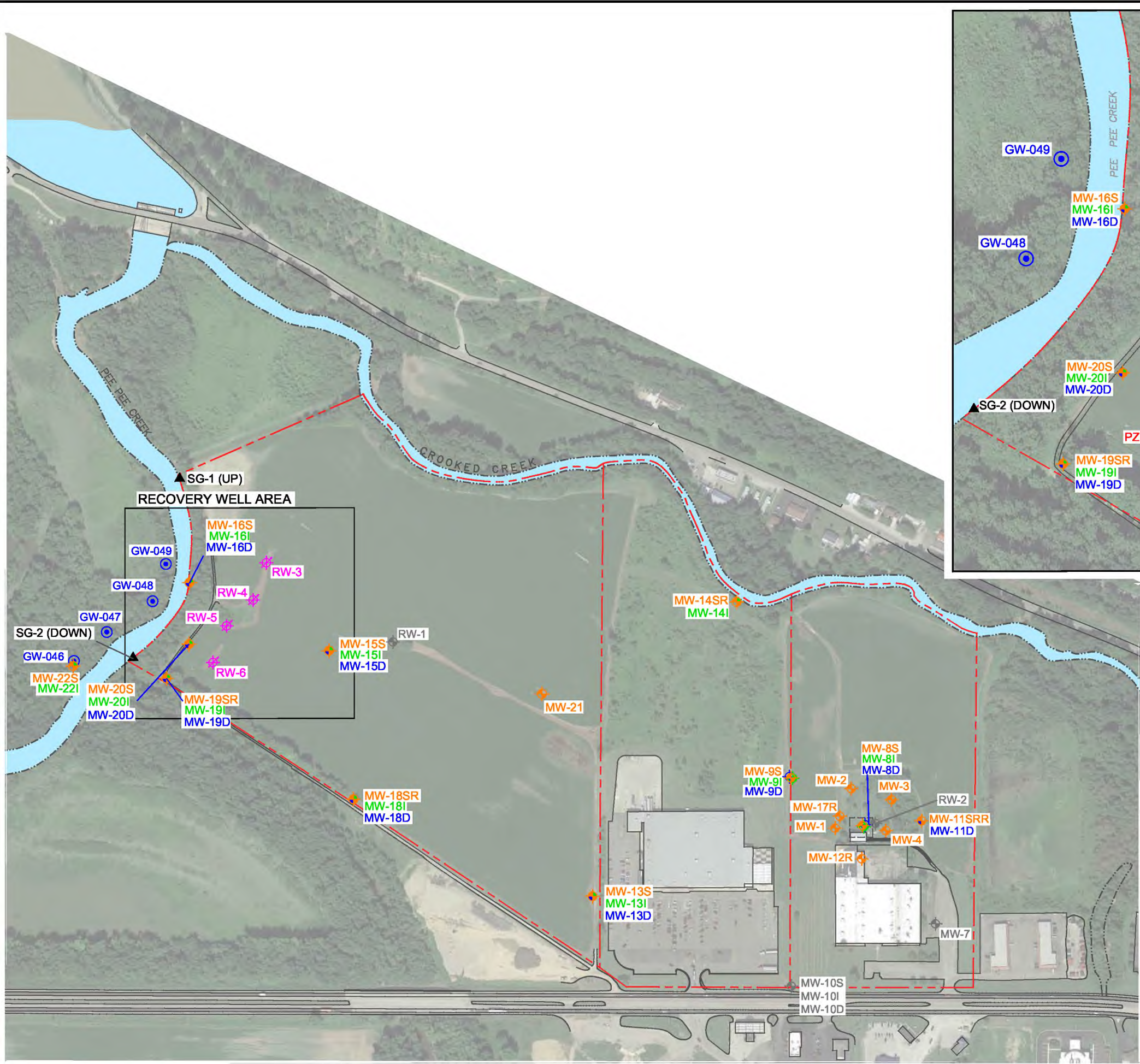
Elizabeth Maurer, PG
Project Geologist



Bob Wyrick, PG
Project Manager

cc: Cassie Johnson, PE, Parker Hannifin Corporation
Jonathan Waddell, EHS Support
file

Attachments



LEGEND

- MW-13S SHALLOW MONITORING WELL
- MW-13I INTERMEDIATE MONITORING WELL
- MW-13D DEEP MONITORING WELL
- RW-3 RECOVERY WELL
- PZ-15 PIEZOMETER
- RW-1 ABANDONED WELL
- SG-2 SURFACE WATER SAMPLE
(UP) = UPSTREAM
(DOWN) = DOWNSTREAM
- GW-046 DPT SAMPLE LOCATION
- PROPERTY BOUNDARY

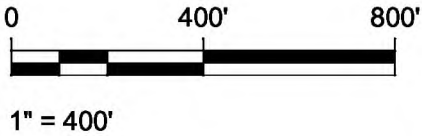


TABLE 1
Historical Groundwater VOC Analytical Results - MW-12R
Former Hydraulic Valve Division
Parker Hannifin Corporation, Waverly, Ohio

Well ID	Collection Date	Volatile Organic Compounds (ug/L)																
		Trichloroethene	Tetrachloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Carbon Disulfide	Chlorobenzene	Methylene Chloride	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Xylenes (Total)
Groundwater Protection Standard		5	5	70	100	2	200	800	7	610	1000	100	5	700	1000	10000	10000	10000
MW-12	3/14/2001	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	--	<1.0	<20.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	<3.0
MW-12R	2/5/2002	<1	<1	<1	<1	<2	<1	<1	<1	<20	<1	<1	<1	<1	<1	<2	<1	--
	5/8/2002	4.8	<1	3.09	<1	<2	<1	<1	<1	<20	<1	<1	<1	<1	<1	<2	<1	--
	8/20/2002	<1	<1	<1	<1	<2	<1	<1	<1	<20	<1	<1	<1	<1	<1	<2	<1	--
	11/14/2002	<1	<1	1.08	<1	<2	<1	<1	<1	<20	<1	<1	<1	<1	<1	<2	<1	--
	2/28/2003	<1	<1	<1	<1	<2	<1	<1	<1	<20	<1	<1	<1	<1	<1	<2	<1	--
	5/15/2003	<1	<1	<1	<1	<2	<1	<1	<1	<20	<1	<1	<1	<1	<1	<2	<1	--
	8/26/2003	<1	<1	2.52	<1	<2	<1	<1	<1	<20	<1	<1	<1	<1	<1	<2	<1	--
	11/12/2003	2.28	<1	1.21	1.58	<2	<1	<1	<1	<20	<1	<1	<1	<1	<1	<2	<1	--
MW-12R	2/17/2004	<1	<1	<1	<1	<2	<1	<1	<1	<20	<1	<1	<1	<1	<1	<2	<1	--
	2/17/2004	1.03	<1	<1	<1	<2	<1	<1	<1	<20	<1	<1	<1	<1	<1	<2	<1	--
	5/17/2004	1.29	<1	<1	<1	<2	<1	<1	<1	<20	<1	<1	<1	<1	<1	<2	<1	--
	9/11/2004	<1	<1	<1	2.21	<2	<1	<1	<1	<20	<1	<1	<1	<1	<1	<2	<1	--
	11/14/2004	7.17	<1	<1	<1	<2	<1	<1	<1	<20	<1	<1	<60	<1	<1	<2	<1	--
	11/14/2004	6.37	<1	<1	<1	<2	<1	<1	<1	<20	<1	<1	<60	<1	<1	<2	<1	--
	2/24/2005	4.31	<1	1.22	<1	<2	<1	<1	<1	<20	<1	<1	1.25	<1	<1	<2	<1	--
	6/26/2005	0.53	<1	0.76	0.76	0.26	<1	<1	<1	10	<1	<1	<1	<1	<1	<2	<1	--
	6/26/2005	0.46	<1	0.66	0.65	<1	<1	<1	<1	10	<1	<1	<1	<1	<1	<2	<1	--
	9/29/2005	<1	<1	0.5	0.22	<1	<1	<1	<1	26	<1	<1	<1	<1	<1	<2	<1	--
	11/29/2005	0.87	<1	0.67	0.19	<1	<1	<1	<1	12	<1	<1	<1	<1	<1	<2	<1	--
	2/21/2006	0.93	2.3	2.5	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	--
	5/20/2006	1.8	4.6	2.3	0.42	<1	<1	<1	<1	16	<1	<1	0.27	<1	<1	<2	<1	--
	9/22/2006	0.33	<1	2.4	0.33	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	--
	11/17/2006	2	4.5	5.9	0.4	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	--
	2/20/2007	7.6	1.1	3.8	1.2	<1	<1	<1	<1	10	<1	<1	<1	<1	<1	<2	<1	--
	5/18/2007	3.3	<1	4	1.9	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	--
	8/30/2007	<1	<1	0.93	0.69	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	--

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Well ID	Collection Date	Volatile Organic Compounds (ug/L)																
		Trichloroethene	Tetrachloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Carbon Disulfide	Chlorobenzene	Methylene Chloride	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Xylenes (Total)
Groundwater Protection Standard		5	5	70	100	2	200	800	7	610	1000	100	5	700	1000	10000	10000	10000
MW-12R	11/16/2007	0.18	<1	0.36	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	--
	2/20/2008	0.87	2.1	3.2	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	--
	5/14/2008	0.89	7.9	0.4	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	--
	8/27/2008	4.2	0.79	3.1	0.89	0.29	<1	<1	<1	10	<1	<1	<1	<1	<1	<2	<1	--
	11/13/2008	<1	<1	0.4	0.39	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	--
	2/21/2009	0.83	1.5	0.43	<2	<2	<2	<2	<2	20	<2	<2	<2	<2	<2	<4	<2	--
	5/30/2009	1.2	5.8	0.26	<1	<1	<1	<1	<1	10	<1	<1	<1	<1	<1	<2	<1	--
	9/17/2009	0.48	0.3	1.5	0.42	0.26	<1	<1	<1	<10	1	<1	<1	<1	<1	<2	<1	--
	11/13/2009	1.8	1.3	2.3	0.54	<1	<1	<1	<1	10	<1	<1	<1	<1	<1	<2	<1	--
	3/23/2010	0.3	<1	0.26	<1	<1	<1	<1	<1	13	<1	<1	<1	<1	<1	<2	<1	--
	6/11/2010	0.92	2.8	0.28	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	--
	9/5/2010	0.29	<1	4.8	0.99	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	--
	11/12/2010	0.26	0.29	0.33	0.23	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	--
	2/4/2011	0.35	0.57	0.4	0.24	<1	<1	<1	<1	10	0.45	<1	<1	<1	<1	<2	<1	--
	5/18/2011	<1	3.8	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
	8/23/2011	1.2	2.8	<1	<1	<1	<1	<1	<1	<5.9	<1	<1	<1	<1	<1	<1	<1	<1
	11/30/2011	0.96	<1	1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
	3/28/2012	1.4	0.97	1.2	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
	7/2/2012	<1	<1	2.1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
	9/26/2012	1.3	<1	2.3	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
	11/28/2012	0.83	<1	0.62	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
	2/12/2013	1.7	<1	2.1	<1	<1	<1	<1	<1	10	<1	<1	<1	<1	<1	<2	<1	--
	5/2/2013	1.2	0.3	1.4	<1	<1	<1	<1	<1	2.3	<1	<1	<1	<1	<1	<2	<1	--

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Well ID	Collection Date	Volatile Organic Compounds (ug/L)																
		Trichloroethene	Tetrachloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Carbon Disulfide	Chlorobenzene	Methylene Chloride	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Xylenes (Total)
Groundwater Protection Standard		5	5	70	100	2	200	800	7	610	1000	100	5	700	1000	10000	10000	10000
MW-12R	9/19/2013	0.48	<1	1.4	<1	<1	<1	<1	<1	10	<1	<1	<1	<1	<1	<2	<1	--
	12/16/2013	0.49	1	<1	<1	<1	<1	<1	<1	4	<1	<1	<1	<1	<1	<2	<1	--
	3/11/2014	0.36	0.92	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	--
	6/24/2014	1.2	1.1	<1	<1	<1	<1	<1	<1	2.3	<1	<1	<1	<1	<1	<2	<1	--
	9/18/2014	0.61	<1	1.4	0.28	<1	<1	<1	<1	10	<1	<1	<1	<1	<1	<2	<1	--
	12/10/2014	0.39	<1	<1	<1	<1	<1	<1	<1	3.4	<1	<1	<1	<1	<1	<2	<1	--
	3/18/2015	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	--
	6/17/2015	0.38	1.3	<1	<1	<1	<1	<1	<1	10	<1	<1	<1	<1	<1	<2	<1	--
	9/19/2015	0.84	0.92	<1	<1	<1	<1	<1	<1	10	<1	<1	<1	<1	<1	<2	<1	--
	12/9/2015	1.2	<1	0.8	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	--
	6/28/2016	1.2	0.31	0.56	<1	<1	<1	<1	<1	10	<1	<1	<1	<1	<1	<2	<1	--
	9/22/2016	0.33	<1	1.1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	--
	11/23/2016	0.35	<1	<1	<1	<1	<1	<1	<1	1.8	<1	<1	<1	<1	<1	<2	<1	--
	3/28/2017	<1	1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	--
	9/27/2017	0.78	0.5	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2	<1	--
	3/8/2018	<0.33	<0.30	<0.30	<0.29	<0.45	<0.23	<0.25	<0.27	<1.8	<0.34	<0.32	<0.53	<0.26	<0.23	--	--	<0.24
	9/11/2018	0.22 J	0.26 J	0.18 J	<0.19	<0.20	<0.24	<0.17	<0.19	<10	<0.28	<0.14	<2.6	<0.11	<0.14	--	--	<0.15
	3/25/2019	0.38 J	0.16 J	0.28 J	<0.19	<0.20	<0.24	<0.17	<0.19	<5.4	<0.28	<0.14	<2.6	<0.11	<0.14	--	--	<0.15
	9/23/2019	0.46 J	<0.15	0.57 J	<0.19	<0.20	<0.24	<0.17	<0.19	<5.4	<0.28	<0.14	<2.6	<0.11	<0.14	--	--	<0.15
	3/20/2020	0.11 J	<0.15	<0.16	<0.19	<0.20	<0.24	<0.17	<0.19	<5.4	<0.28	<0.14	<2.6	<0.11	<0.14	--	--	<0.15
	9/16/2020	0.44 J	<0.15	0.43 J	<0.19	<0.20	<0.24	<0.17	<0.19	15	<0.28	<0.14	<2.6	<0.11	<0.14	--	--	<0.15
	3/10/2021	0.28 J	<0.15	0.19 J	<0.19	<0.20	<0.24	<0.17	<0.19	<5.4	<0.28	<0.14	<2.6	<0.11	<0.14	--	--	<0.15
	9/14/2021	<0.44	<0.44	<0.46	<0.51	<0.45	<0.48	<0.47	<0.49	52 J+	<0.59	<0.38	<2.6	<0.42	<0.44	--	--	<0.42
	3/8/2022	0.49 J	<0.44	<0.46	<0.51	<0.45	<0.48	<0.47	<0.49	5.4 J	<0.59	<0.38	<2.6	<0.42	<0.44	--	--	<0.42
	9/15/2022	<0.44	<0.44	<0.46	<0.51	<0.45	<0.48	<0.47	<0.49	<5.4	<0.59	<0.38	<2.6	<0.42	<0.44	--	--	<0.42
	3/30/2023	<0.50	<1	--	<1	<1	<1	<1	<1	--	--	<1	<5.0	<0.50	<0.50	--	--	--
	9/21/2023	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<5.0	<1	<1	--	--	<2.0

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Well ID	Collection Date	Volatile Organic Compounds (ug/L)																
		Trichloroethene	Tetrachloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Carbon Disulfide	Chlorobenzene	Methylene Chloride	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Xylenes (Total)
Groundwater Protection Standard		5	5	70	100	2	200	800	7	610	1000	100	5	700	1000	10000	10000	10000
MW-12R	3/28/2024	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	< 5.0	<1	<1	--	--	< 2.0
	9/4/2024	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	--	--	< 2.0
	3/19/2025	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	8.3 J	<1.0	<1.0	<5.0	<1.0	<1.0	--	--	<2.0
	12/17/2025	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	16	<1.0	<1.0	<5.0	<1.0	<1.0	--	--	<2.0

Notes:

The appendix presents historical results for the 15 VOCs specified in the Corrective Action Monitoring Program (CAMP) (Revision 3.0) (AGS, 2006): acetone, carbon disulfide, chlorobenzene, 1,1-dichloroethane, 1,1-dichloroethene, cis-1,2-dichloroethene, trans-1,2-dichloroethene, ethylbenzene, methylene chloride, tetrachloroethene, toluene, 1,1,1-trichloroethane, trichloroethene, vinyl chloride and xylenes. Results for m&p-xylene and o-xylene are also shown in place of, or in addition to, the total xylene results, where available.

Shaded: The analyte concentration exceeded the Groundwater Protection Standard

Groundwater Protection Standards are the Ohio Maximum Contaminant Levels

--: not analyzed

µg/l: micrograms per liter

<: The analyte was below the laboratory detection limit

J: The analyte was positively identified. The associated numerical value is the approximate concentration of the analyte in the sample.