

Date: May 12, 2021

Mr. Brandon Alger
Warren District Office
Remediation and Redevelopment Division
Michigan Department of Energy, Great Lakes and Environment
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Warren, Michigan 48092

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Our Ref: 30080642
Subject: Interim Groundwater Monitoring Plan Addendum #1
Ford Livonia Transmission Plan, Livonia, Michigan

Dear Mr. Alger

Arcadis of Michigan LLC (Arcadis), on behalf of Ford Motor Company (Ford) has prepared this revised Interim Groundwater Monitoring Plan (IGMP) Addendum #1 for the Livonia Transmission Plant (LTP) property located in Livonia, Michigan (Site). This Addendum #1 to the original IGMP approved by EGLE on February 18, 2021 has been prepared for the Michigan Department of Environment, Great Lakes, and Energy (EGLE) to request modifying the sampling frequency at several on-site and off-site monitoring well locations.

As described in the approved *Remedial Investigation Response Activity Plan* ([RI ResAP] Arcadis 2018a), Ford met the obligation of quarterly groundwater sampling at all available monitoring well locations at the beginning of 2017, as described in the approved RI ResAP. Ford has continued the quarterly groundwater sampling voluntarily since 2019. Current hydrogeology and previous site investigation activities is provided in the IGMP.

Monitoring

Ford completed site-wide groundwater sampling events in 2016 and 2017 and has been completing quarterly monitoring at all available wells since the third quarter of 2017 (13 total quarterly events). Beginning in the first quarter 2021, Ford implemented a modified sampling plan outlined in the IGMP, which was approved by EGLE on February 18, 2021. The approval of the IGMP reduced the number of monitoring wells to be sampled quarterly from 284 to 253 monitoring wells in total. This includes quarterly sampling of 98 onsite and 155 offsite wells. Of the 253 total wells, 243 wells are currently sampled quarterly, and 10 wells are sampled annually. All wells are sampled for the seven site-specific constituents of concern (7 COCs): tetrachloroethene (PCE), trichloroethene (TCE), 1,1-dichloroethene (1,1-DCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC), and 1,4-dioxane (1,4-D).

A well construction summary table for all monitoring wells on-site and off-site including the install date is included as **Table 1** and a figure illustrating the location and the current number of samples for each well on-site and off-site is provided as **Figure 1**.

Stability and Trend Analysis

Since 2015, Ford has collected 3,161 samples from the existing monitoring well network. Based on the quarterly monitoring and results of the remedial investigation work, the groundwater impacts have been delineated to applicable Criteria provided in the Consent Decree (No: 2:1712372-GAD-RSW) and in conjunction with the Target

Detection Limit modification request approved by EGLE on December 20, 2017. In addition, analytical results, along with the detailed remedial investigation, provide evidence that groundwater impacts are statistically stable to decreasing. Analytical trend graphs for each of the locations proposed for modified sampling have been provided in **Attachment 1** through **Attachment 3**.

Proposed Modifications

Based on multiple lines of evidence outlined above and detailed below, Arcadis proposes an additional modification to the IGMP sampling frequency for the following select monitoring well locations:

- On-site upgradient monitoring wells located in the northwest corner of the Ford property that are used for monitoring impacts migrating onto the Site.
- On-site side-gradient monitoring well along the northern Ford property boundary that have had consistent low-level detections or have been non-detect.
- On-site deep aquifer monitoring wells that have shown detections below the criteria or have been non-detect.
- Off-site monitoring wells located on commercial properties north of the groundwater impacts.

The proposed well locations are listed in the exhibit below. In addition, the well locations are presented on **Figure 2**.

Exhibit 1: Proposed Sampling Modifications

Monitoring Well Identification	Current Sampling Frequency	Proposed Sampling Frequency	Technical Justification
Northwest Ford Property (8 total wells): MW-194, MW-194S, MW-195S, MW-196, MW-196S, MW-197S, MW-198, MW-198S	Quarterly Sampling	Semi-Annual Sampling	<ul style="list-style-type: none"> • The wells are located in the northwest portion of the property. The monitoring wells were installed to monitor chlorinated impacts that have migrated on-site from an upgradient off-site source, unrelated to the chlorinated impacts at the Site associated with on-site sources. • Analytical trends show consistent elevated TCE impacts at monitoring wells at MW-195S, MW-196, MW-196S, and MW-197S and consistent low-level detections to non-detect at monitoring wells MW-194, MW-194S, MW-198, and MW-198S indicating that extents of the impacts are known and defined (Attachment 1). • A total of 40 samples have been collected from the northwestern boundary wells over 5 quarters of sampling. The number of samples collected from each well is shown in Figure 1.

Monitoring Well Identification	Current Sampling Frequency	Proposed Sampling Frequency	Technical Justification
<p>Northern Ford Property Boundary (9 total wells): MW-55, MW-55D, MW-56, MW-113, MW-114, MW-120, MW-122, MW-124, MW-199S</p>	<p>Quarterly Sampling</p>	<p>Semi-Annual Sampling</p>	<ul style="list-style-type: none"> • These wells are located along the northern Ford property boundary side-gradient to the site-related impacts. The analytical results have shown low-level detections of chlorinated impacts below criteria or have been non-detect indicating limited to no groundwater impacts are migrating off-site to the north. • Analytical trends provided in Attachment 1 show consistent non-detect to low-level detections at the monitoring wells along the northern Ford property boundary. Based on the trends analysis the monitoring wells are considered stable to decreasing, where applicable. • A total of 76 samples have been collected from the northern Ford property boundary wells over 5 to 15 quarters of sampling.
<p>Deep Aquifer Monitoring Wells (3 total wells): MW-15-59D, MW-15-60D, MW-15-61D</p>	<p>Quarterly Sampling</p>	<p>No Further Sampling</p>	<ul style="list-style-type: none"> • The deep monitoring wells are installed at depths up to 99 feet below grade to verify no vertical migration. The wells are installed beneath the regional lacustrine clay layer that varies from 50 feet thick in the northwest to 40 feet thick along the eastern property boundary. The regional clay isolates the deep wells from the shallow groundwater impacts. • Previous and current analytical results show the deep monitoring wells have either been consistently non-detect or have had low-level laboratory estimated detections below criteria for the 7 COCs. The analytical results show there are no deep chlorinated impacts detected in the deep wells related to the shallow aquifer impacts (Attachment 1). • A total of 49 samples have been collected from the deep wells over 16 to 17 quarters of sampling. Although, Arcadis is recommending no further sampling, the monitoring wells will remain in place for future monitoring if necessary.

Monitoring Well Identification	Current Sampling Frequency	Proposed Sampling Frequency	Technical Justification
Off-Site Commercial Property Wells (13 total wells): MW-125, MW-125S, MW-129, MW-129S, MW-186S, MW-187, MW-187S, MW-188S, MW-189, MW-189S, MW-190, MW-190S, MW-191S	Quarterly Sampling	Annual Sampling	<ul style="list-style-type: none"> The off-site commercial monitoring wells are located side-gradient to the north and northwest of the site and groundwater flow. Analytical trends show impacts detected have either been consistently low-level detections below non-residential criteria or have been non-detect (Attachment 1). A total of 88 samples have been collected from the off-site commercial property wells over 5 to 7 quarters of sampling.
TW-16-01 and TW-16-02	Quarterly Sampling	No Further Sampling	<ul style="list-style-type: none"> These test wells are in close proximity to PW-16-01 and are considered redundant. PW-16-01 is screened from 9.7 – 19.7 feet below ground surface (bgs) and the associated test wells TW-16-01 and TW-16-02 are screened from 12 – 17 feet bgs. TW-16-01 and TW-16-02 show similar concentrations and trends when compared to PW-16-01 (Attachment 2). MW-45 is closer to the Hydraulic Control System (HCS) and downgradient of PW-16-01 allowing for continued performance monitoring of the HCS. These wells were installed for aquifer testing purposes related to the design of the HCS and were not intended for groundwater monitoring. A total of 29 samples have been collected from the test wells over 14 to 15 quarters of sampling. Although, Arcadis is recommending no further sampling, the monitoring wells will remain in place for future monitoring if necessary.

Monitoring Well Identification	Current Sampling Frequency	Proposed Sampling Frequency	Technical Justification
TW-16-03 and TW-16-04	Quarterly Sampling	No Further Sampling	<ul style="list-style-type: none"> PW-16-02 is screened from 6 – 21 feet bgs and the associated test wells TW-16-03 and TW-16-04 are screened from 9 – 19 feet bgs. TW-16-03 and TW-16-04 show similar concentrations and trends when compared to PW-16-02 (Attachment 3). These wells were installed for aquifer testing purposes related to the design of the current HCS and were not intended for groundwater monitoring. A total of 29 samples have been collected from the test wells over 14 to 15 quarters of sampling. Although, Arcadis is recommending no further sampling, the monitoring wells will remain in place for future monitoring if applicable.

For the monitoring well locations proposed to move to a semi-annual frequency, the sampling events will take place during the second and fourth quarters of each year. For the well locations proposed to move to an annual frequency, they will be sampled during a comprehensive site-wide sampling event which will be conducted on a cycle between the second and fourth quarters to capture seasonal variability.

Closing

As described above, reduced sampling is proposed for wells that are redundant or of limited value when sampled on a quarterly basis. Following modification, 206 monitoring wells will continue to be sampled on a quarterly basis including those within the area of impact and downgradient commercial and residential areas located east of the Site. Future updates to the IGMP will be proposed as-needed based on monitoring results and documented in the quarterly progress report.

If the proposed modifications to sampling frequency are acceptable, changes will be implemented for the third quarter groundwater sampling event in 2021. Please let us know if you have questions or concerns or if you would like to discuss further.

Sincerely,
 Arcadis of Michigan, LLC



Kris Hinskey
 Certified Project Manager II

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Mr. Brandon Alger
EGLE
May 12, 2021

Enclosures:

Tables

Table 1 - Interim Groundwater Monitoring Summary Table

Figures

Figure 1 - Site Layout and Sampling Summary

Figure 2 - Proposed Modified Groundwater Sampling Locations

Attachments

Attachment 1 - Groundwater Analytical Trend Graphs

Attachment 2 - PW-16-01 Analytical Trend Comparison

Attachment 3 - PW-16-02 Analytical Trend Comparison

Table

Well ID	Install Date	Screen Interval (ft. bgs)	On-Site/Off-Site	Proposed Sampling Frequency
LMW-15-01	10/27/2015	7.0-12.0	On-Site	No Further Sampling
LMW-15-02	11/1/2015	7.0-12.0	On-Site	No Further Sampling
LMW-15-03	11/4/2015	7.0-12.0	On-Site	No Further Sampling
LMW-15-04	10/26/2015	6.0-11.0	On-Site	No Further Sampling
LMW-15-05	10/27/2015	7.0-12.0	On-Site	No Further Sampling
LMW-15-06	11/2/2015	7.0-12.0	On-Site	No Further Sampling
LMW-15-07	11/4/2015	7.0-12.0	On-Site	No Further Sampling
LMW-15-08	11/3/2015	7.5-12.5	On-Site	No Further Sampling
LMW-15-09	11/3/2015	7.0-12.0	On-Site	No Further Sampling
LMW-15-10	11/2/2015	7.0-12.0	On-Site	No Further Sampling
LMW-20-11	2/24/2020	5.0-15.0	On-Site	No Further Sampling
LMW-20-12	2/27/2020	7.0-17.0	On-Site	No Further Sampling
LMW-20-13	2/28/2020	6.0-16.0	On-Site	No Further Sampling
LMW-20-14	3/2/2020	6.0-16.0	On-Site	No Further Sampling
LMW-20-15	3/2/2020	7.5-17.5	On-Site	No Further Sampling
LMW-20-16	3/3/2020	7.5-17.5	On-Site	No Further Sampling
LMW-20-17	3/3/2020	7.0-17.0	On-Site	No Further Sampling
LMW-20-18	3/3/2020	6.5-16.5	On-Site	No Further Sampling
LMW-20-19	3/4/2020	6.0-16.0	On-Site	No Further Sampling
LMW-20-20	3/4/2020	4.0-14.0	On-Site	No Further Sampling
LMW-20-21	3/5/2020	7.0-17.0	On-Site	No Further Sampling
LMW-20-22	3/5/2020	6.5-16.5	On-Site	No Further Sampling
LMW-20-23	3/5/2020	5.0-15.0	On-Site	No Further Sampling
LMW-20-24	6/8/2020	2.0-12.0	On-Site	No Further Sampling
LMW-20-25	6/8/2020	3.0-13.0	On-Site	No Further Sampling
LMW-20-26	6/9/2020	5.0-15.0	On-Site	No Further Sampling
LMW-20-27	6/9/2020	5.0-15.0	On-Site	No Further Sampling
LMW-20-28	7/2/2020	4.5-14.5	On-Site	No Further Sampling
MW-01	2/10/2015	14.0-19.0	On-Site	Quarterly
MW-02	2/5/2015	15.5-20.5	On-Site	Quarterly
MW-03	2/4/2015	14.0-19.0	On-Site	Quarterly
MW-04	2/6/2015	15.5-20.5	On-Site	Quarterly
MW-05	2/5/2015	15.5-20.5	On-Site	Quarterly
MW-07	2/10/2015	18.0-23.0	On-Site	Quarterly
MW-09	2/11/2015	19.5-24.5	On-Site	Quarterly
MW-10	2/12/2015	16.5-21.5	On-Site	Quarterly
MW-14	2/11/2015	15.0-20.0	On-Site	Quarterly
MW-15-59D	12/21/2015	94.0-99.0	On-Site	No Further Sampling
MW-15-60D	12/22/2015	93.0-98.0	On-Site	No Further Sampling
MW-15-61D	12/28/2015	88.0-93.0	On-Site	No Further Sampling
MW-18	2/17/2015	13.0-18.0	On-Site	Quarterly
MW-19	2/9/2015	15.0-20.0	On-Site	Quarterly
MW-20	2/17/2020	13.5-18.5	On-Site	Quarterly
MW-21	2/17/2015	13.5-18.5	On-Site	Quarterly
MW-22	2/19/2015	16.5-20.5	On-Site	Quarterly
MW-23	2/19/2015	15.0-20.0	On-Site	Quarterly
MW-24	2/20/2015	19.0-24.0	On-Site	Quarterly
MW-25	2/20/2015	16.0-21.0	On-Site	Quarterly
MW-26	2/23/2015	4.5-14.5	On-Site	No Further Sampling
MW-27	4/17/2015	CNL	On-Site	No Further Sampling
MW-28	3/24/2015	2.0-12.0	On-Site	No Further Sampling
MW-29	3/23/2015	5.0-15.0	On-Site	Quarterly
MW-30	4/9/2015	19.0-24.0	On-Site	Quarterly
MW-31	4/9/2015	17.0-22.0	On-Site	Quarterly
MW-32	4/10/2015	18.0-23.0	On-Site	Quarterly
MW-33	4/10/2015	14.0-19.0	On-Site	Quarterly
MW-34	4/16/2015	16.5-21.5	On-Site	Quarterly
MW-35	4/16/2015	19.5-24.5	On-Site	Quarterly
MW-36	4/17/2015	20.0-25.0	On-Site	Quarterly
MW-37	4/17/2015	18.0-23.0	On-Site	Quarterly
MW-38	6/1/2015	15.0-20.0	On-Site	Quarterly
MW-39	6/1/2015	19.5-24.5	On-Site	Quarterly
MW-40	5/27/2015	15.0-20.0	On-Site	Quarterly
MW-41	5/27/2015	16.0-21.0	On-Site	Quarterly
MW-42	5/26/2015	16.0-21.0	On-Site	Quarterly
MW-43	5/26/2015	17.0-22.0	On-Site	Quarterly
MW-44	5/28/2015	16.0-21.0	On-Site	Quarterly
MW-45	6/2/2015	15.0-20.0	On-Site	Quarterly
MW-46	6/2/2015	16.0-21.0	On-Site	Quarterly
MW-47	6/3/2015	16.0-21.0	On-Site	Quarterly
MW-48	5/29/2015	17.0-22.0	On-Site	Quarterly
MW-49	6/3/2015	12.5-17.5	On-Site	Quarterly
MW-50	5/29/2015	16.0-21.0	On-Site	Quarterly
MW-51	5/28/2015	15.0-20.0	On-Site	Quarterly
MW-52	6/22/2015	15.0-20.0	On-Site	Quarterly
MW-53	6/22/2015	16.0-21.0	On-Site	Quarterly
MW-54	6/23/2015	16.0-21.0	On-Site	Quarterly
MW-54S	4/10/2019	4.5-9.5	On-Site	Quarterly
MW-55	6/23/2015	15.0-20.0	On-Site	Semi-Annually
MW-55D	1/24/2018	19.0-24.0	On-Site	Semi-Annually
MW-56	6/24/2015	16.0-21.0	On-Site	Semi-Annually
MW-57	6/24/2015	17.0-22.0	On-Site	Quarterly
MW-58	6/24/2015	15.0-20.0	On-Site	Quarterly

See Notes on last page.

Well ID	Install Date	Screen Interval (ft. bgs)	On-Site/Off-Site	Proposed Sampling Frequency
MW-62	4/12/2017	16.0-21.0	On-Site	Quarterly
MW-63	4/12/2017	7.0-12.0	On-Site	Quarterly
MW-64	4/19/2017	15.0-20.0	On-Site	Quarterly
MW-65	4/13/2017	16.0-21.0	On-Site	Quarterly
MW-66	4/14/2017	15.0-20.0	On-Site	Quarterly
MW-67	4/13/2017	9.0-14.0	On-Site	Quarterly
MW-68	4/17/2017	15.0-20.0	On-Site	Quarterly
MW-69	4/18/2017	15.0-20.0	On-Site	Quarterly
MW-70	4/17/2017	15.0-20.0	On-Site	Quarterly
MW-71	4/17/2017	15.0-20.0	On-Site	Quarterly
MW-72	5/2/2017	15.0-20.0	Off-Site (ROW)	Quarterly
MW-72S	12/5/2018	3.0-13.0	Off-Site (ROW)	Quarterly
MW-73D	5/1/2017	13.5-18.5	Off-Site (ROW)	Quarterly
MW-73SR	12/6/2018	2.5-12.5	Off-Site (ROW)	Quarterly
MW-74	5/3/2017	14.0-19.0	Off-Site (ROW)	Quarterly
MW-74S	12/5/2018	3.0-13.0	Off-Site (ROW)	Quarterly
MW-75D	5/3/2017	12.0-17.0	Off-Site (ROW)	Quarterly
MW-75SR	12/6/2018	2.5-12.5	Off-Site (ROW)	Quarterly
MW-76	5/4/2017	15.0-20.0	Off-Site (ROW)	Quarterly
MW-76S	12/4/2018	4.5-14.5	Off-Site (ROW)	Quarterly
MW-77	5/5/2017	9.0-14.0	Off-Site (ROW)	Quarterly
MW-77S	11/28/2018	2.5-12.5	Off-Site (ROW)	Quarterly
MW-78	5/10/2017	7.0-12.0	Off-Site (ROW)	Quarterly
MW-78S	11/29/2018	2.5-12.5	Off-Site (ROW)	Quarterly
MW-79D	5/11/2017	10.0-15.0	Off-Site (ROW)	Quarterly
MW-79SR	12/3/2018	2.5-12.5	Off-Site (ROW)	Quarterly
MW-80SR	12/3/2018	2.5-12.5	Off-Site (ROW)	Quarterly
MW-81	5/8/2017	8.0-13.0	Off-Site (ROW)	Quarterly
MW-81S	12/4/2018	2.5-12.5	Off-Site (ROW)	Quarterly
MW-82D	5/9/2017	18.0-23.0	Off-Site (ROW)	Quarterly
MW-82SR	12/4/2018	5.0-15.0	Off-Site (ROW)	Quarterly
MW-83	5/8/2017	8.0-13.0	Off-Site (ROW)	Quarterly
MW-83S	12/6/2018	3.0-13.0	Off-Site (ROW)	Quarterly
MW-84	5/16/2017	8.0-13.0	Off-Site (ROW)	Quarterly
MW-84S	11/30/2018	2.5-12.5	Off-Site (ROW)	Quarterly
MW-85	5/11/2017	8.0-13.0	Off-Site (ROW)	Quarterly
MW-85SR	4/5/2019	4.5-9.5	Off-Site (ROW)	Quarterly
MW-86	5/15/2017	12.0-17.0	Off-Site (ROW)	Quarterly
MW-86S	11/29/2018	2.5-12.5	Off-Site (ROW)	Quarterly
MW-87	5/16/2017	14.0-19.0	Off-Site (ROW)	Quarterly
MW-87S	11/29/2018	4.5-14.5	Off-Site (ROW)	Quarterly
MW-88S	10/31/2018	3.0-13.0	Off-Site (Residential)	Quarterly
MW-89S	10/31/2018	3.0-13.0	Off-Site (Residential)	Quarterly
MW-90S	11/1/2018	2.5-12.5	Off-Site (Residential)	Quarterly
MW-91S	11/1/2018	2.5-12.5	Off-Site (Residential)	Quarterly
MW-92S	11/1/2018	2.5-12.5	Off-Site (Residential)	Quarterly
MW-93S	11/2/2018	2.5-12.5	Off-Site (Residential)	Quarterly
MW-94S	11/2/2018	2.5-12.5	Off-Site (Residential)	Quarterly
MW-95S	11/2/2018	2.5-12.5	Off-Site (Residential)	Quarterly
MW-96S	11/28/2018	2.5-12.5	Off-Site (ROW)	Quarterly
MW-97S	11/28/2018	2.5-12.5	Off-Site (ROW)	Quarterly
MW-98S	11/30/2018	2.5-12.5	Off-Site (ROW)	Quarterly
MW-99S	12/5/2018	3.0-13.0	Off-Site (ROW)	Quarterly
MW-100S	12/5/2018	3.0-13.0	Off-Site (ROW)	Quarterly
MW-101S	12/4/2018	4.5-14.5	Off-Site (ROW)	Quarterly
MW-102	12/11/2018	10.0-15.0	Off-Site (ROW)	Quarterly
MW-102S	12/11/2018	2.5-12.5	Off-Site (ROW)	Quarterly
MW-103S	1/22/2019	2.0-7.0	Off-Site (Residential)	Quarterly
MW-104S	1/23/2019	9.0-14.0	Off-Site (Residential)	Quarterly
MW-105S	12/11/2018	2.5-12.5	Off-Site (ROW)	Quarterly
MW-106S	12/4/2018	2.5-12.5	Off-Site (ROW)	Quarterly
MW-107S	12/4/2018	2.5-12.5	Off-Site (ROW)	Quarterly
MW-108S	12/4/2018	2.5-12.5	Off-Site (ROW)	Quarterly
MW-109S	12/17/2018	2.5-12.5	Off-Site (Residential)	Quarterly
MW-110S	1/23/2019	8.0-13.0	Off-Site (Residential)	Quarterly
MW-111S	1/29/2019	8.0-13.0	Off-Site (Residential)	Quarterly
MW-112S	12/17/2018	2.5-12.5	Off-Site (Residential)	Quarterly
MW-113	1/24/2019	5.0-10.0	On-Site	Semi-Annually
MW-114	1/24/2019	5.0-10.0	On-Site	Semi-Annually
MW-115S	12/13/2018	2.5-12.5	Off-Site (Residential)	Quarterly
MW-116S	12/17/2018	3.0-13.0	Off-Site (Residential)	Quarterly
MW-117S	12/13/2018	2.5-12.5	Off-Site (Residential)	Quarterly
MW-118S	12/13/2018	2.5-12.5	Off-Site (Residential)	Quarterly
MW-119S	12/13/2018	2.5-12.5	Off-Site (Residential)	Quarterly

See Notes on last page.

Well ID	Install Date	Screen Interval (ft. bgs)	On-Site/Off-Site	Proposed Sampling Frequency
MW-120	2/7/2019	7.0-12.0	On-Site	Semi-Annually
MW-121S	12/17/2018	2.5-12.5	Off-Site (Residential)	Quarterly
MW-122	1/23/2019	16-20	On-Site	Semi-Annually
MW-123S	12/13/2018	2.5-12.5	Off-Site (Residential)	Quarterly
MW-124	1/25/2019	5.0-10.0	On-Site	Semi-Annually
MW-125	2/7/2019	7.0-12.0	Off-Site (Commercial)	Annually
MW-125S	2/7/2019	2.0-7.0	Off-Site (Commercial)	Annually
MW-126S	12/17/2018	3.0-13.0	Off-Site (Residential)	Quarterly
MW-127S	12/12/2018	3.0-13.0	Off-Site (Residential)	Quarterly
MW-128S	12/12/2018	4.0-14.0	Off-Site (Residential)	Quarterly
MW-129	2/8/2019	10.0-15.0	Off-Site (Commercial)	Annually
MW-129S	2/8/2019	2.0-7.0	Off-Site (Commercial)	Annually
MW-130S	12/13/2018	3.0-13.0	Off-Site (Residential)	Quarterly
MW-131S	12/11/2018	2.5-12.5	Off-Site (ROW)	Quarterly
MW-132S	12/11/2018	2.5-12.5	Off-Site (ROW)	Quarterly
MW-133S	2/11/2019	4.0-9.0	Off-Site (ROW)	Quarterly
MW-134S	2/11/2019	5.0-10.0	Off-Site (ROW)	Quarterly
MW-135S	2/12/2019	5.0-10.0	Off-Site (ROW)	Quarterly
MW-136S	2/13/2019	2.0-7.0	Off-Site (ROW)	Quarterly
MW-137S	2/13/2019	2.0-7.0	Off-Site (ROW)	Quarterly
MW-138S	2/13/2019	2.0-7.0	Off-Site (ROW)	Quarterly
MW-139S	2/14/2019	2.0-7.0	Off-Site (ROW)	Quarterly
MW-140S	2/13/2019	2.0-7.0	Off-Site (ROW)	Quarterly
MW-141S	2/13/2019	3.0-8.0	Off-Site (ROW)	Quarterly
MW-142S	2/14/2019	2.5-7.5	Off-Site (ROW)	Quarterly
MW-143S	2/14/2019	5.5-10.5	Off-Site (Residential)	Quarterly
MW-144S	2/14/2019	7.0-12.0	Off-Site (Residential)	Quarterly
MW-145S	2/15/2019	6.0-11.0	Off-Site (Residential)	Quarterly
MW-146S	2/15/2019	6.0-11.0	Off-Site (Residential)	Quarterly
MW-147S	2/15/2019	2.0-7.0	Off-Site (Residential)	Quarterly
MW-148S	2/15/2019	2.0-7.0	Off-Site (Residential)	Quarterly
MW-149S	2/15/2019	2.0-7.0	Off-Site (Residential)	Quarterly
MW-150S	2/18/2019	2.0-7.0	Off-Site (Residential)	Quarterly
MW-151S	2/20/2019	2.5-7.5	Off-Site (Residential)	Quarterly
MW-152S	2/18/2019	2.5-7.5	Off-Site (Residential)	Quarterly
MW-153S	2/18/2019	2.0-7.0	Off-Site (Residential)	Quarterly
MW-154S	2/18/2019	2.0-7.0	Off-Site (Residential)	Quarterly
MW-155S	2/18/2019	2.0-7.0	Off-Site (Residential)	Quarterly
MW-156S	2/19/2019	3.0-8.0	Off-Site (Residential)	Quarterly
MW-157S	2/18/2019	2.5-7.5	Off-Site (Residential)	Quarterly
MW-158S	2/19/2019	2.5-7.5	Off-Site (Residential)	Quarterly
MW-159S	2/19/2019	4.0-9.0	Off-Site (Residential)	Quarterly
MW-160S	2/19/2018	4.0-9.0	Off-Site (Residential)	Quarterly
MW-161S	2/21/2019	2.5-7.5	Off-Site (Residential)	Quarterly
MW-162S	2/20/2019	3.0-8.0	Off-Site (Residential)	Quarterly
MW-163S	2/19/2019	2.0-7.0	Off-Site (Residential)	Quarterly
MW-164S	2/19/2019	3.0-8.0	Off-Site (Residential)	Quarterly
MW-165S	3/7/2019	2.0-7.0	Off-Site (Residential)	Quarterly
MW-166S	3/8/2019	6.0-11.0	Off-Site (Residential)	Quarterly
MW-167S	2/20/2019	5.0-10.0	Off-Site (Residential)	Quarterly
MW-168S	2/20/2019	2.0-7.0	Off-Site (Residential)	Quarterly
MW-169S	2/20/2019	2.0-7.0	Off-Site (Residential)	Quarterly
MW-170S	2/27/2019	4.5-9.5	Off-Site (Residential)	Quarterly
MW-171S	2/20/2019	2.0-7.0	Off-Site (Residential)	Quarterly
MW-172S	2/21/2019	4.5-9.5	Off-Site (Residential)	Quarterly
MW-173S	2/21/2019	5.5-10.5	Off-Site (Residential)	Quarterly
MW-174S	2/26/2019	5.5-10.5	Off-Site (Residential)	Quarterly
MW-175S	2/22/2019	6.0-11.0	Off-Site (Residential)	Quarterly
MW-176S	2/21/2019	5.0-10.0	Off-Site (Residential)	Quarterly
MW-177S	2/22/2019	4.0-9.0	Off-Site (Residential)	Quarterly
MW-178S	2/21/2019	4.5-9.5	Off-Site (Residential)	Quarterly
MW-179S	2/22/2019	6.0-11.0	Off-Site (Residential)	Quarterly
MW-180SR	3/1/2019	6.5-11.5	Off-Site (Residential)	Quarterly
MW-181S	2/27/2019	3.5-8.5	Off-Site (Residential)	Quarterly
MW-182S	2/22/2019	4.0-9.0	Off-Site (Residential)	Quarterly
MW-183S	2/21/2019	8.0-13.0	Off-Site (Residential)	Quarterly
MW-184S	3/7/2019	4.5-9.5	Off-Site (Residential)	Quarterly
MW-185S	3/1/2019	6.0-11.0	Off-Site (Residential)	Quarterly
MW-186S	4/3/2019	2.5-7.5	Off-Site (Commercial)	Annually
MW-187	4/9/2019	8.0-13.0	Off-Site (Commercial)	Annually
MW-187S	4/9/2019	3.0-8.0	Off-Site (Commercial)	Annually
MW-188S	4/3/2019	3.0-8.0	Off-Site (Commercial)	Annually
MW-189	4/4/2019	10.0-15.0	Off-Site (Commercial)	Annually
MW-189S	4/4/2019	4.5-9.5	Off-Site (Commercial)	Annually

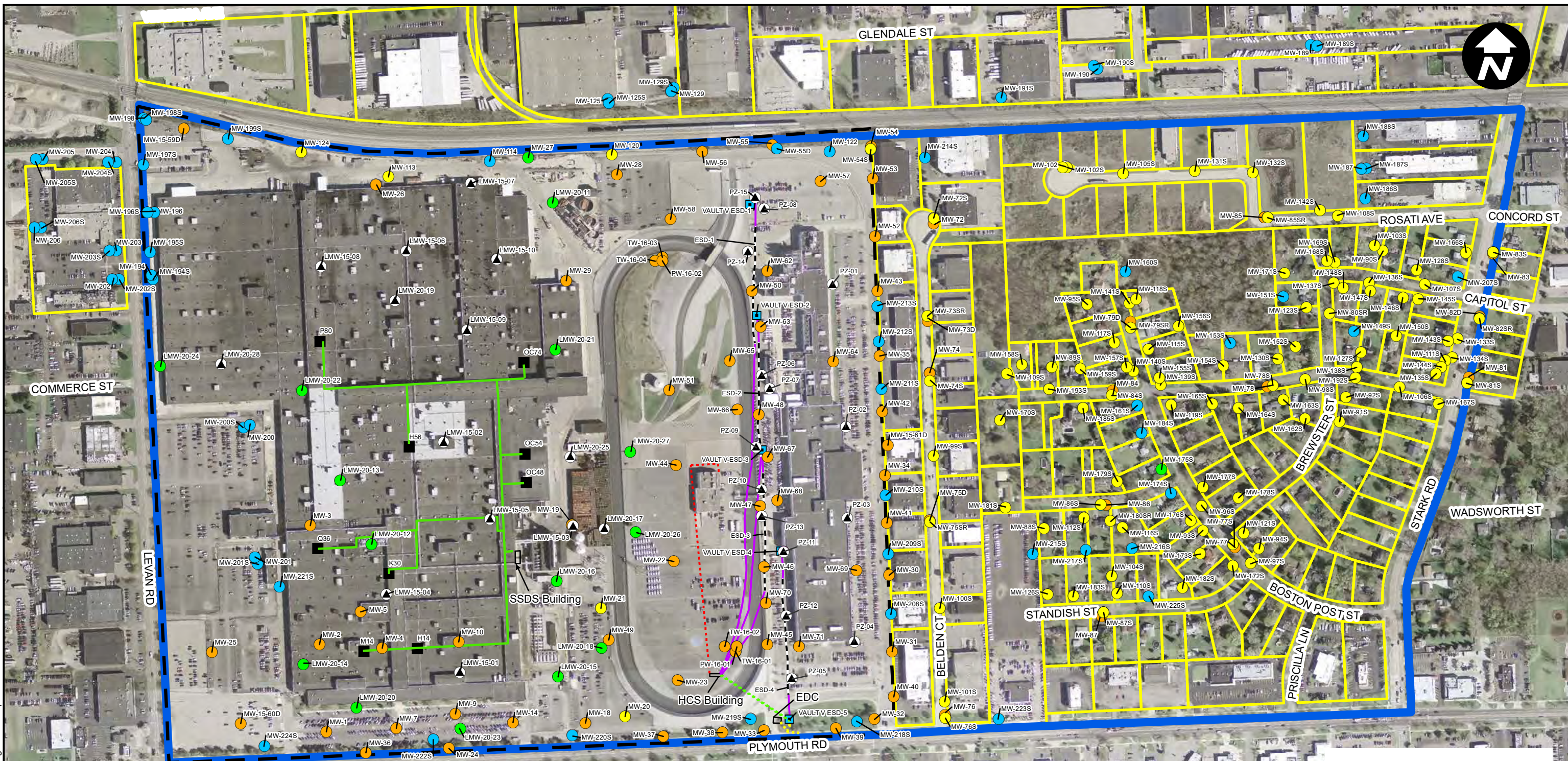
See Notes on last page.

Well ID	Install Date	Screen Interval (ft. bgs)	On-Site/Off-Site	Proposed Sampling Frequency
MW-190	4/4/2019	9.0-14.0	Off-Site (Commercial)	Annually
MW-190S	4/4/2019	2.5-7.5	Off-Site (Commercial)	Annually
MW-191S	4/3/2019	2.5-7.5	Off-Site (Commercial)	Annually
MW-192S	4/9/2019	2.5-7.5	Off-Site (ROW)	Quarterly
MW-193S	8/6/2019	3.0-8.0	Off-Site (Residential)	Quarterly
MW-194	11/1/2019	12.0-17.0	On-Site	Semi-Annually
MW-194S	11/1/2019	2.0-7.0	On-Site	Semi-Annually
MW-195S	10/31/2019	2.0-7.0	On-Site	Semi-Annually
MW-196	10/31/2019	12.0-17.0	On-Site	Semi-Annually
MW-196S	10/31/2019	2.0-7.0	On-Site	Semi-Annually
MW-197S	11/4/2019	3.0-8.0	On-Site	Semi-Annually
MW-198	11/1/2019	12.0-17.0	On-Site	Semi-Annually
MW-198S	11/1/2019	2.5-7.5	On-Site	Semi-Annually
MW-199S	11/1/2019	2.0-7.0	On-Site	Semi-Annually
MW-200	11/5/2019	15.0-20.0	On-Site	Quarterly
MW-200S	11/4/2019	5.0-10.0	On-Site	Quarterly
MW-201	11/4/2019	17.0-22.0	On-Site	Quarterly
MW-201S	11/4/2019	3.5-8.5	On-Site	Quarterly
MW-202	12/17/2019	12.0-17.0	Off-Site (Commercial)	Annually
MW-202S	12/13/2019	3.5-8.5	Off-Site (Commercial)	Annually
MW-203	12/17/2019	13.0-18.0	Off-Site (Commercial)	Annually
MW-203S	12/13/2019	3.0-8.0	Off-Site (Commercial)	Annually
MW-204	12/19/2019	12.0-17.0	Off-Site (ROW)	Annually
MW-204S	12/16/2019	4.0-9.0	Off-Site (ROW)	Annually
MW-205	12/19/2019	12.0-17.0	Off-Site (ROW)	Annually
MW-205S	12/16/2019	4.5-9.5	Off-Site (ROW)	Annually
MW-206	12/19/2019	14.0-19.0	Off-Site (Commercial)	Annually
MW-206S	12/19/2019	6.5-11.5	Off-Site (Commercial)	Annually
MW-207S	12/17/2019	4.5-9.5	Off-Site (Residential)	Quarterly
MW-208S	1/17/2020	9.0-14.0	On-Site	Quarterly
MW-209S	1/17/2020	8.0-13.0	On-Site	Quarterly
MW-210S	1/17/2020	8.0-13.0	On-Site	Quarterly
MW-211S	1/20/2020	7.0-12.0	On-Site	Quarterly
MW-212S	1/20/2020	6.5-11.5	On-Site	Quarterly
MW-213S	1/20/2020	6.0-11.0	On-Site	Quarterly
MW-214S	1/21/2020	3.0-8.0	Off-Site (Commercial)	Quarterly
MW-215S	1/21/2020	5.5-10.5	Off-Site (Commercial)	Quarterly
MW-216S	1/21/2020	6.0-11.0	Off-Site (Residential)	Quarterly
MW-217S	1/22/2020	6.0-11.0	Off-Site (Residential)	Quarterly
MW-218S	1/22/2020	9.0-14.0	On-Site	Quarterly
MW-219S	1/22/2020	7.0-12.0	On-Site	Quarterly
MW-220S	1/23/2020	6.0-11.0	On-Site	Quarterly
MW-221S	1/23/2020	6.5-11.5	On-Site	Quarterly
MW-222S	1/24/2020	5.5-10.0.5	On-Site	Quarterly
MW-223S	1/28/2020	8.5-13.5	Off-Site (Commercial)	Quarterly
MW-224S	1/29/2020	7.0-12.0	On-Site	Quarterly
MW-225S	1/30/2020	5.5-10.5	Off-Site (Residential)	Quarterly
PW-16-01	6/6/2016	9.7-19.7	On-Site	Quarterly
PW-16-02	8/3/2016	12.0-17.0	On-Site	Quarterly
PZ-01	11/14/2018	15.0-20.0	On-Site	Not Sampled
PZ-02	11/15/2018	15.0-20.0	On-Site	Not Sampled
PZ-03	11/15/2018	15.0-20.0	On-Site	Not Sampled
PZ-04	11/16/2018	16.0-21.0	On-Site	Not Sampled
PZ-05	11/20/2018	15.0-20.0	On-Site	Not Sampled
PZ-06	11/20/2018	16.0-21.0	On-Site	Not Sampled
PZ-07	11/26/2018	15.0-20.0	On-Site	Not Sampled
PZ-08	12/17/2018	15.0-20.0	On-Site	Not Sampled
PZ-09	12/17/2018	15.0-20.0	On-Site	Not Sampled
PZ-10	12/18/2018	15.0-20.0	On-Site	Not Sampled
PZ-11	12/18/2018	15.0-20.0	On-Site	Not Sampled
PZ-12	12/19/2018	15.0-20.0	On-Site	Not Sampled
PZ-13	12/19/2018	15.0-20.0	On-Site	Not Sampled
PZ-14	4/10/2019	13.0-18.0	On-Site	Not Sampled
PZ-15	4/10/2019	13.0-18.0	On-Site	Not Sampled
TW-16-01	6/6/2016	12.0-17.0	On-Site	No Further Sampling
TW-16-02	6/7/2016	12.0-17.0	On-Site	No Further Sampling
TW-16-03	8/4/2016	9.0-19.0	On-Site	No Further Sampling
TW-16-04	8/4/2016	10.0-19.0	On-Site	No Further Sampling

Notes:
 ft. bgs = feet below ground surface
 CNL = Could not locate

Figures

CITY: Novi; DIV: ENV; DB: MG; PIC: R. ELLIS; PM: K. HINSKEY; PROJECT NUMBER: 30050315; COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet; T: \\ENV\Novi\Brighton_MIFordLivoniaGISdocs\2020-09\Figure 1 Sample Count.mxd; PLOTTED: 9/24/2020 1:11:09 PM; BY: msmiller



LEGEND

- | | | | | | | |
|---|-------------------------------------|-----|--|-----|---------------------|---------------------------|
| ▲ | PIEZOMETER OR LNAPL MONITORING WELL | --- | HYDRAULIC CONTROL SYSTEM WELL SCREEN | --- | ESD-4 CARRIER PIPE | SAMPLE EVENT COUNT |
| ● | TEST WELL | --- | WELL BLANK CASING | --- | HCS ELECTRICAL LINE | ● 0-3 EVENTS |
| ■ | VAULT | --- | SSDS CONVEYANCE PIPING | --- | EDC DISCHARGE LINE | ● 4-7 EVENTS |
| ■ | SUCTION PITS | --- | FORD PROPERTY BOUNDARY | --- | | ● 8-11 EVENTS |
| | | --- | COMMERCIAL/RESIDENTIAL PROPERTY BOUNDARY | --- | | ● >11 EVENTS |
| | | --- | AREA OF CONCERN | | | |



NOTES:
 SAMPLE COUNT INCLUDES ALL GROUNDWATER SAMPLES COLLECTED FROM 2015 THROUGH FIRST QUARTER 2021.
 ATNPC = AUTOMATIC TRANSMISSION NEW PRODUCT CENTER
 EDC = EASTERN DIVERSION CHAMBER
 ESD = EASTERN STORM DRAIN
 HCS = HYDRAULIC CONTROL SYSTEM
 SSDS = SUB-SLAB DEPRESSURIZATION SYSTEM

FORD MOTOR COMPANY
 LIVONIA TRANSMISSION PLANT
 LIVONIA, MICHIGAN

SITE LAYOUT AND SAMPLING SUMMARY

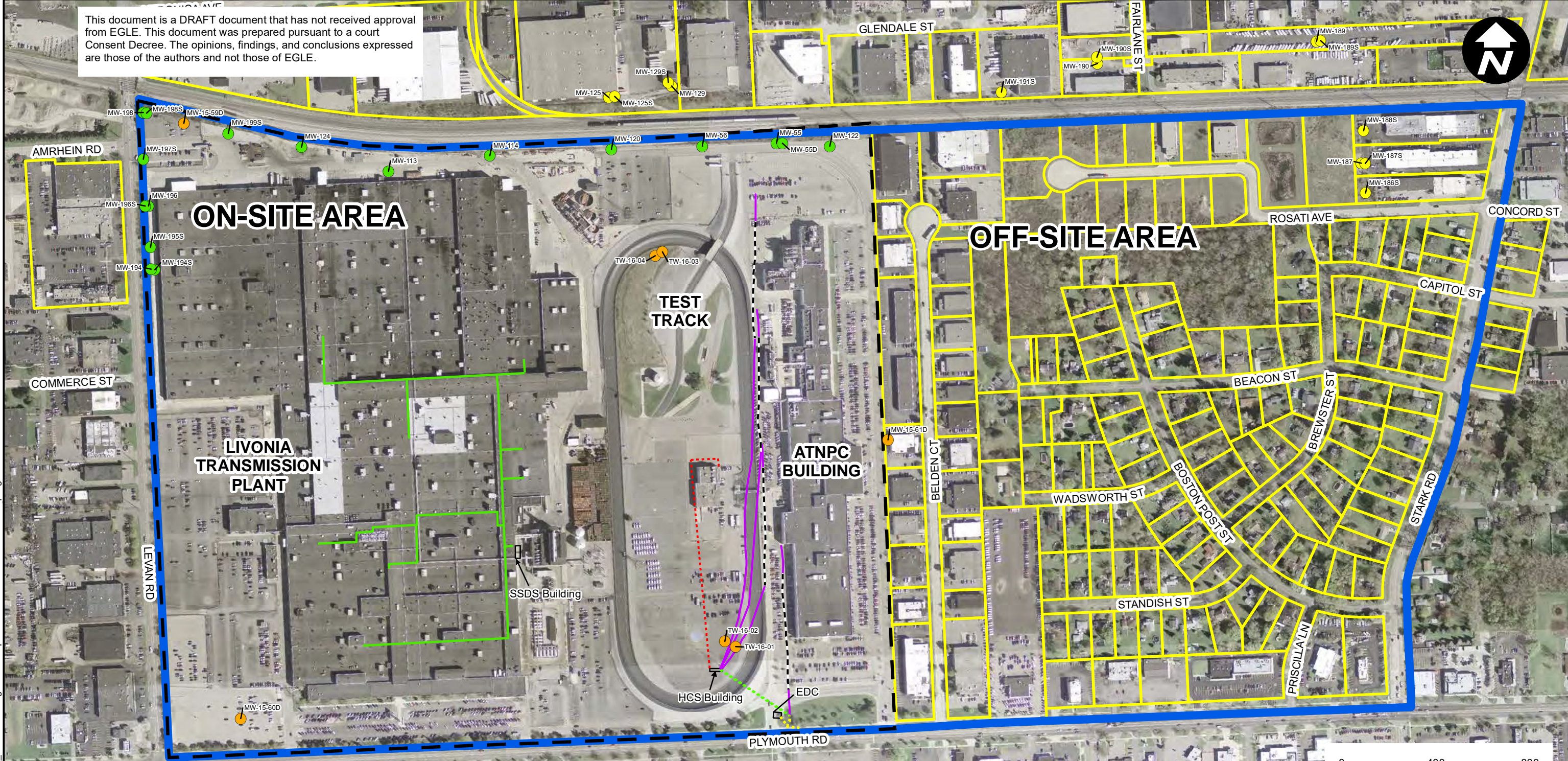
ARCADIS Design & Consultancy for natural and built assets

FIGURE 1

This document is a DRAFT document that has not received approval from EGLE. This document was prepared pursuant to a court Consent Decree. The opinions, findings, and conclusions expressed are those of the authors and not those of EGLE.



CITY: Novi; DIV: ENV; DB: MG; PIC: R. ELLIS; PM: K. HINSKEY; PROJECT NUMBER: 30080642; COORDINATE SYSTEM: NAD 1983 StatePlane Michigan South FIPS 2113 Feet; T:_ENV\NoviBrighton_Mi\FordLivonia\GIS\docs\GEC1Q_2021\GMP\Figure 2 - Proposed Modified Groundwater Sampling Locations.mxd; PLOTTED: 4/19/2021 12:50:40 AM; BY: mai00749



LEGEND

- HYDRAULIC CONTROL SYSTEM WELL SCREEN
- WELL BLANK CASING
- SSDS CONVEYANCE PIPING
- FORD PROPERTY BOUNDARY
- COMMERCIAL/RESIDENTIAL PROPERTY BOUNDARY
- AREA OF CONCERN
- ESD-4 CARRIER PIPE
- HCS ELECTRICAL LINE
- EDC DISCHARGE LINE
- SEMI-ANNUAL SAMPLING
- ANNUAL SAMPLING
- NO FURTHER SAMPLING

NOTES:
 EDC = EASTERN DIVERSION CHAMBER
 ATNPC = AUTOMATIC TRANSMISSION NEW PRODUCT CENTER
 EGLE = MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
 SSDS = SUB-SLAB DEPRESSURIZATION SYSTEM
 HCS = HYDRAULIC CONTROL SYSTEM
 ESD = EASTERN STORM DRAIN



FORD MOTOR COMPANY
LIVONIA TRANSMISSION PLANT
LIVONIA, MICHIGAN

**PROPOSED MODIFIED GROUNDWATER
SAMPLING LOCATIONS**

ARCADIS

FIGURE
2

Attachment 1

Groundwater Analytical Trend Graphs

Select to Update Graph:

Constituent

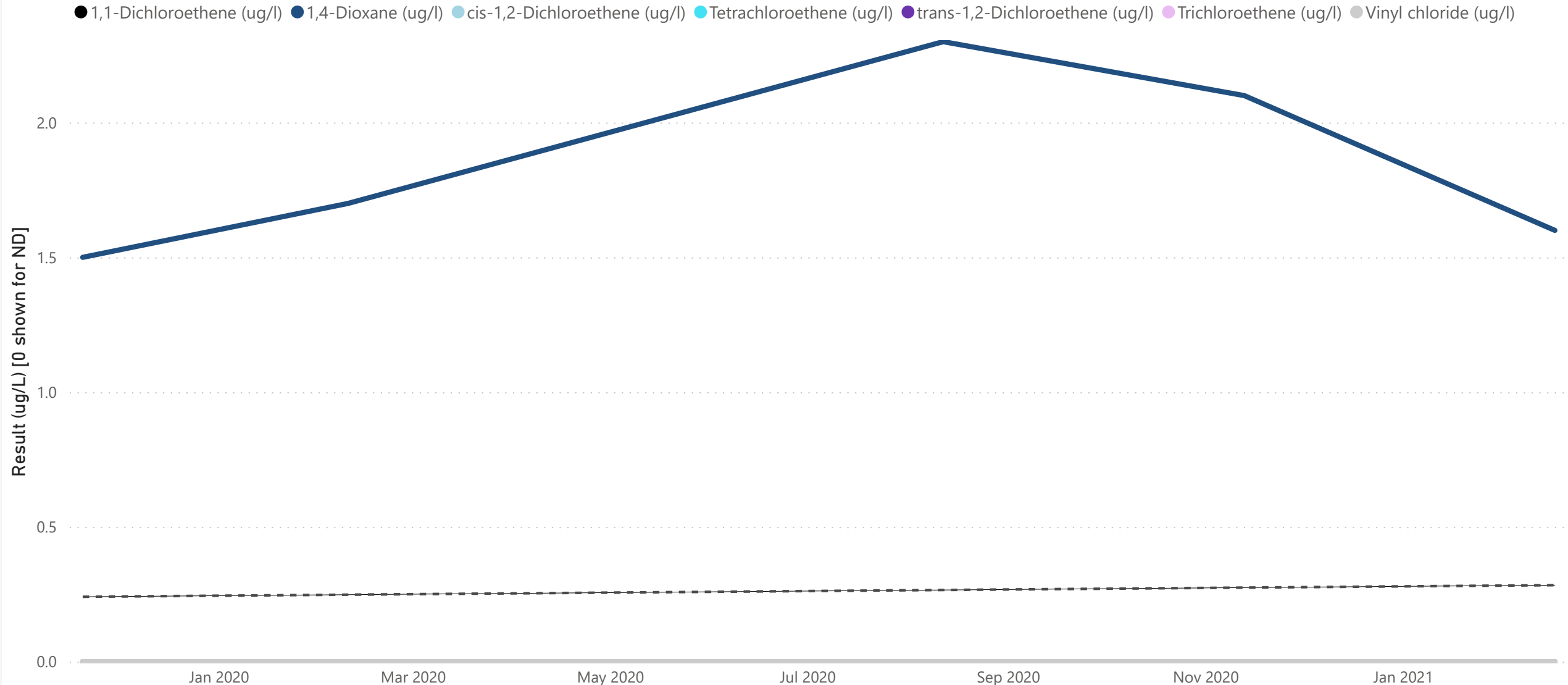
Multiple selections

Select to Update Graph:

Location

MW-194

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Select to Update Graph:

Constituent

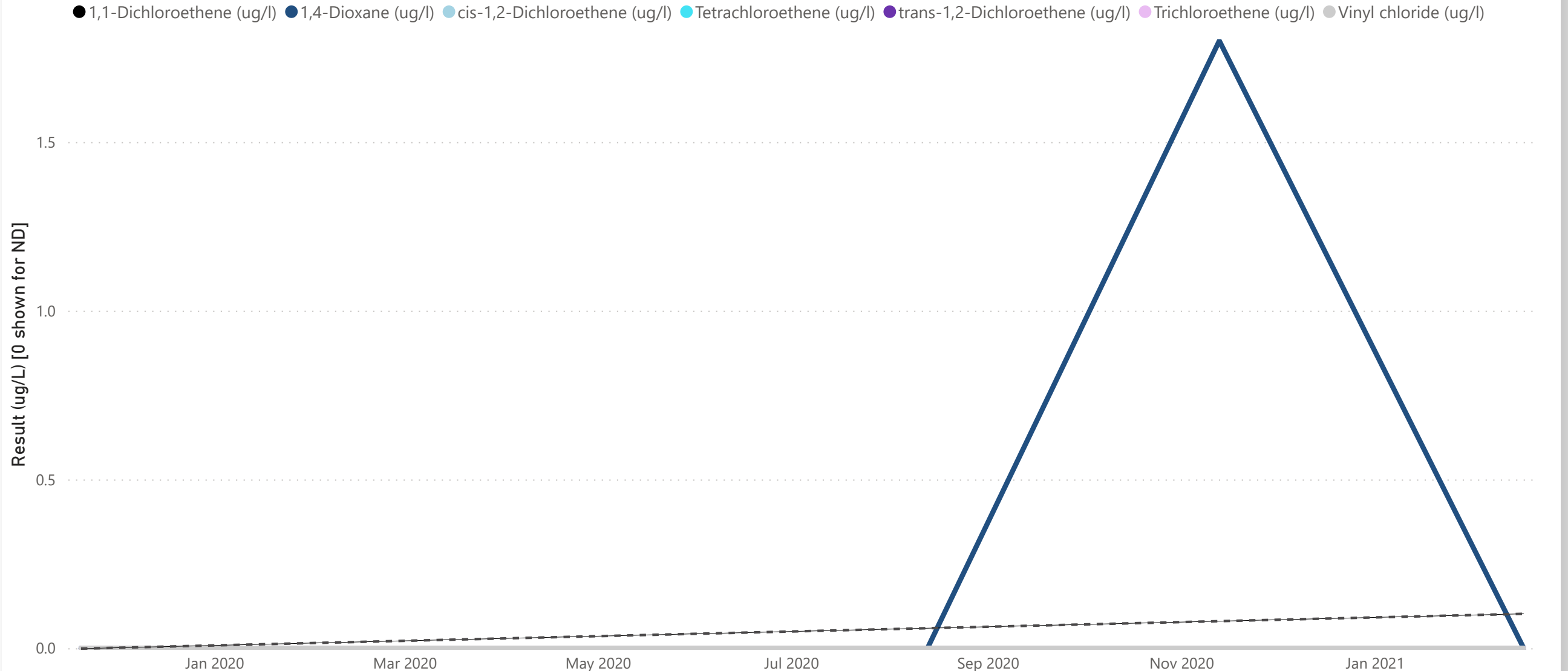
Multiple selections

Select to Update Graph:

Location

MW-194S

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Select to Update Graph:

Constituent

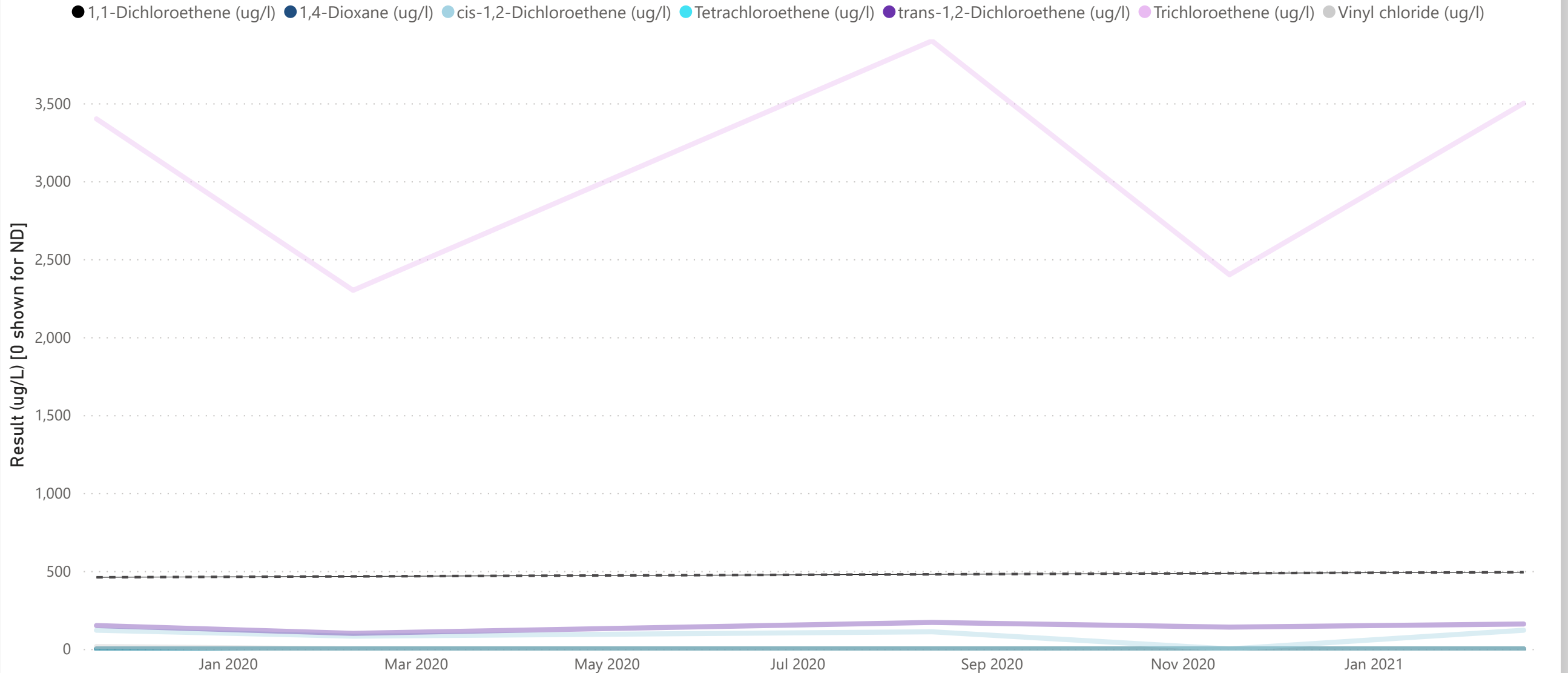
Multiple selections

Select to Update Graph:

Location

MW-195S

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Select to Update Graph:

Constituent

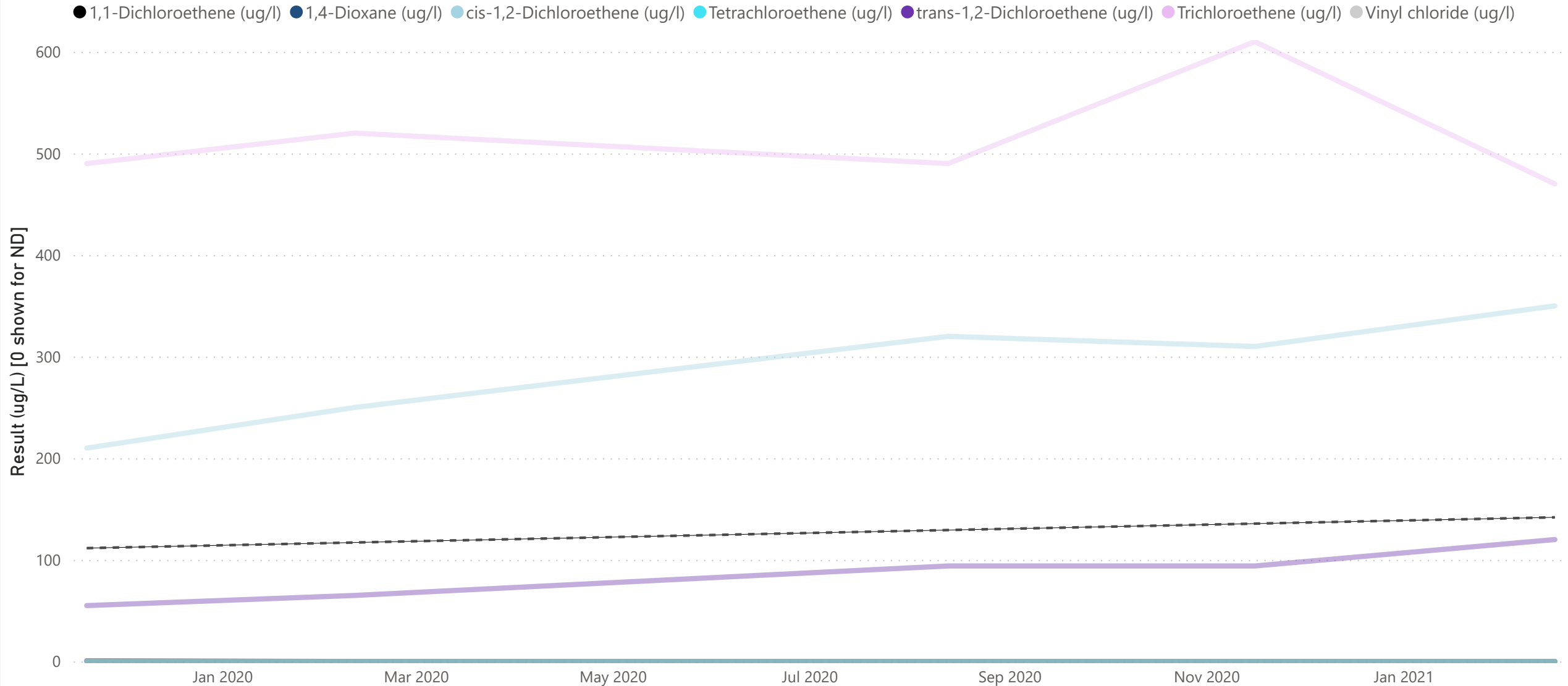
Multiple selections

Select to Update Graph:

Location

MW-196

Analytical Result (ug/L) with Trend Line by Location



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Select to Update Graph:

Constituent

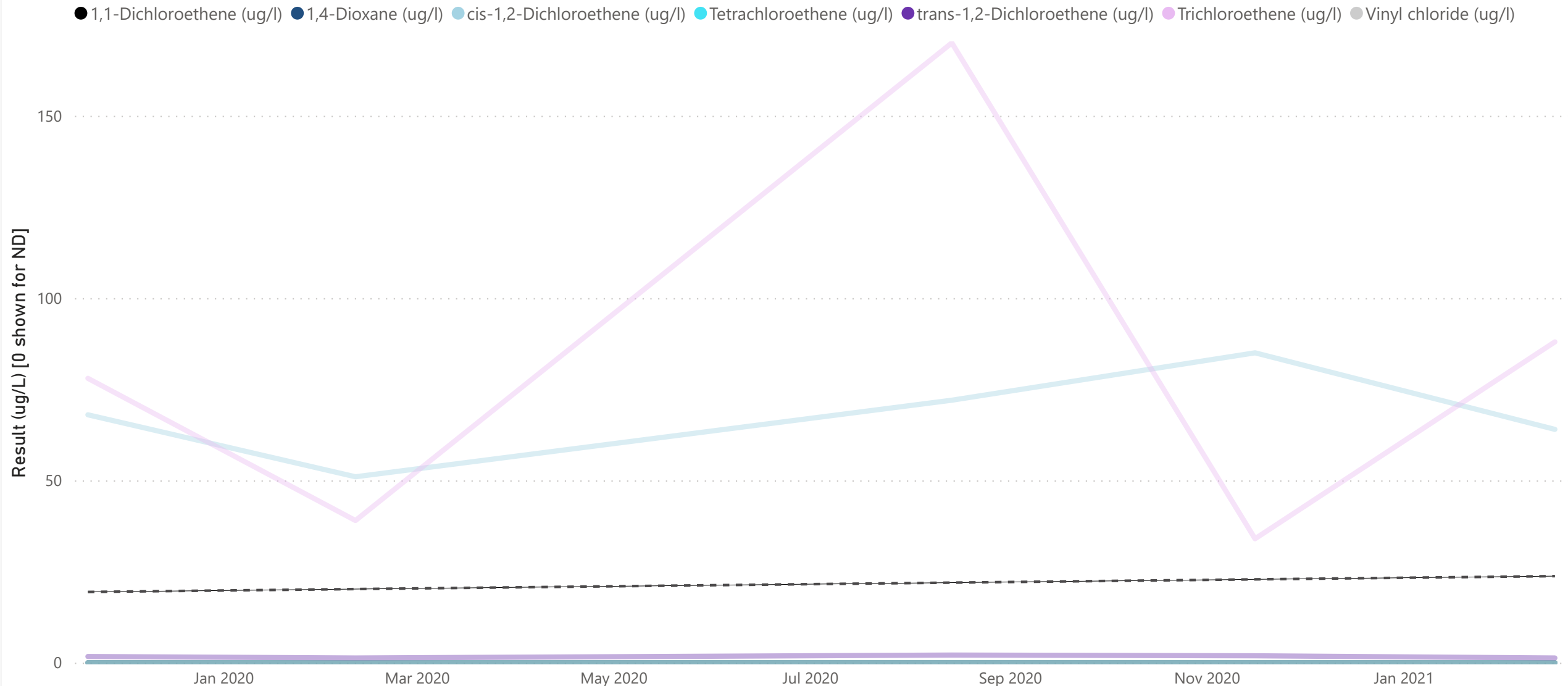
Multiple selections

Select to Update Graph:

Location

MW-196S

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Select to Update Graph:

Constituent

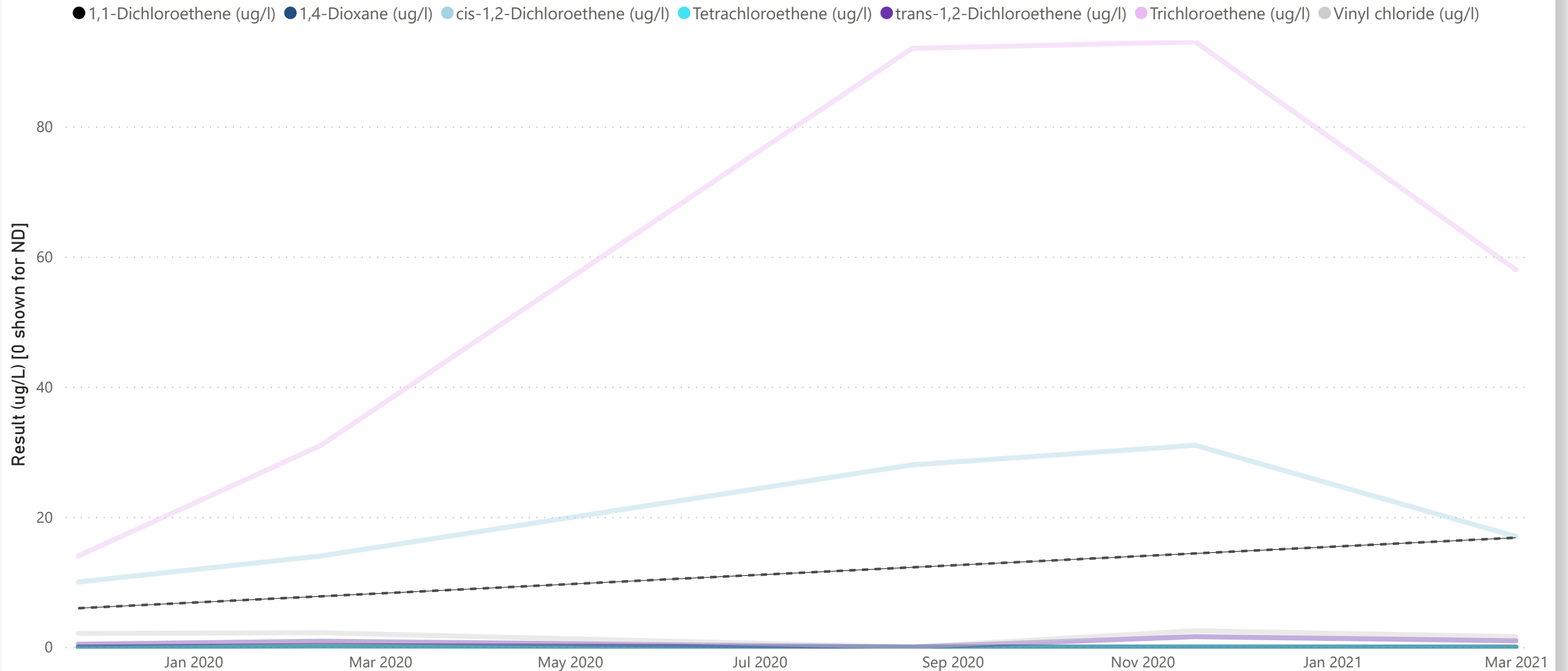
Multiple selections

Select to Update Graph:

Location

MW-197S

Analytical Result (ug/L) with Trend Line by Location



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Select to Update Graph:

Constituent

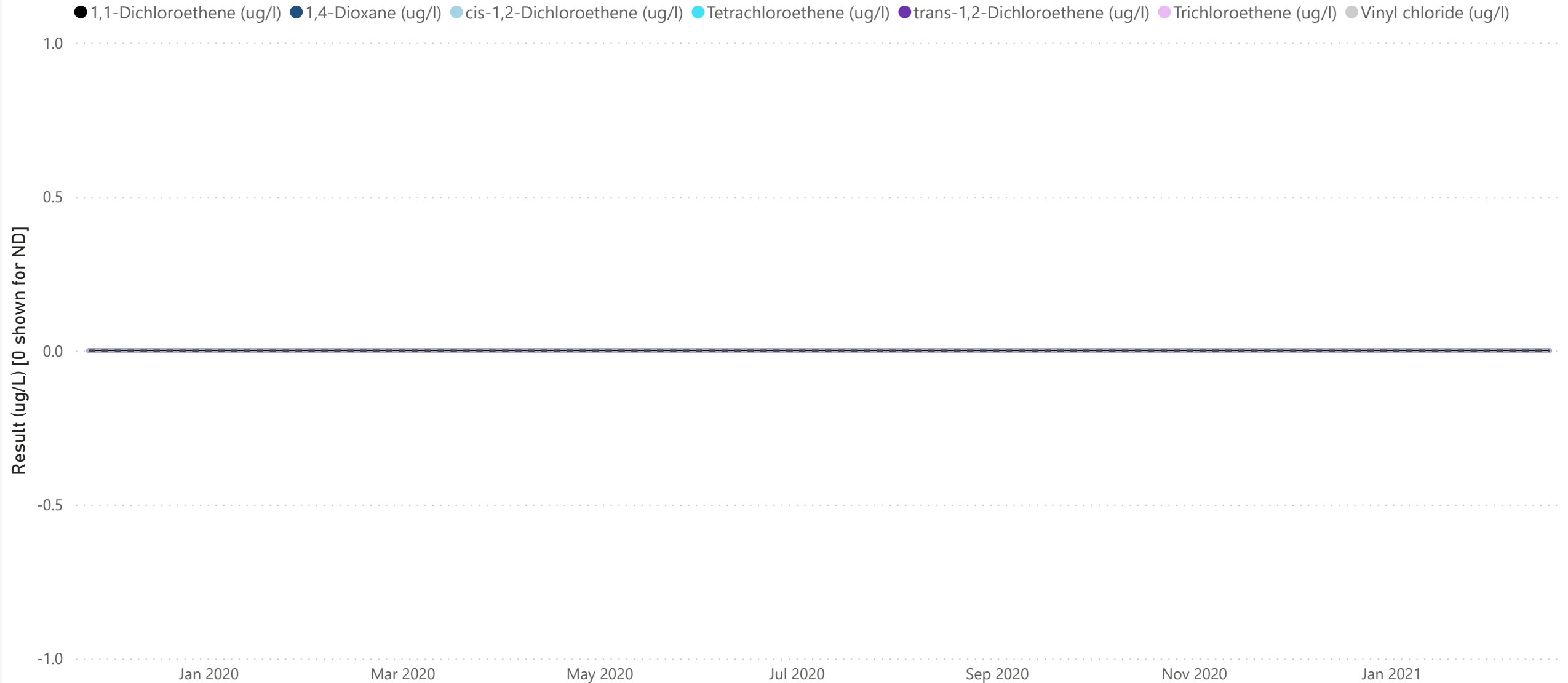
Multiple selections

Select to Update Graph:

Location

MW-198

Analytical Result (ug/L) with Trend Line by Location



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Select to Update Graph:

Constituent

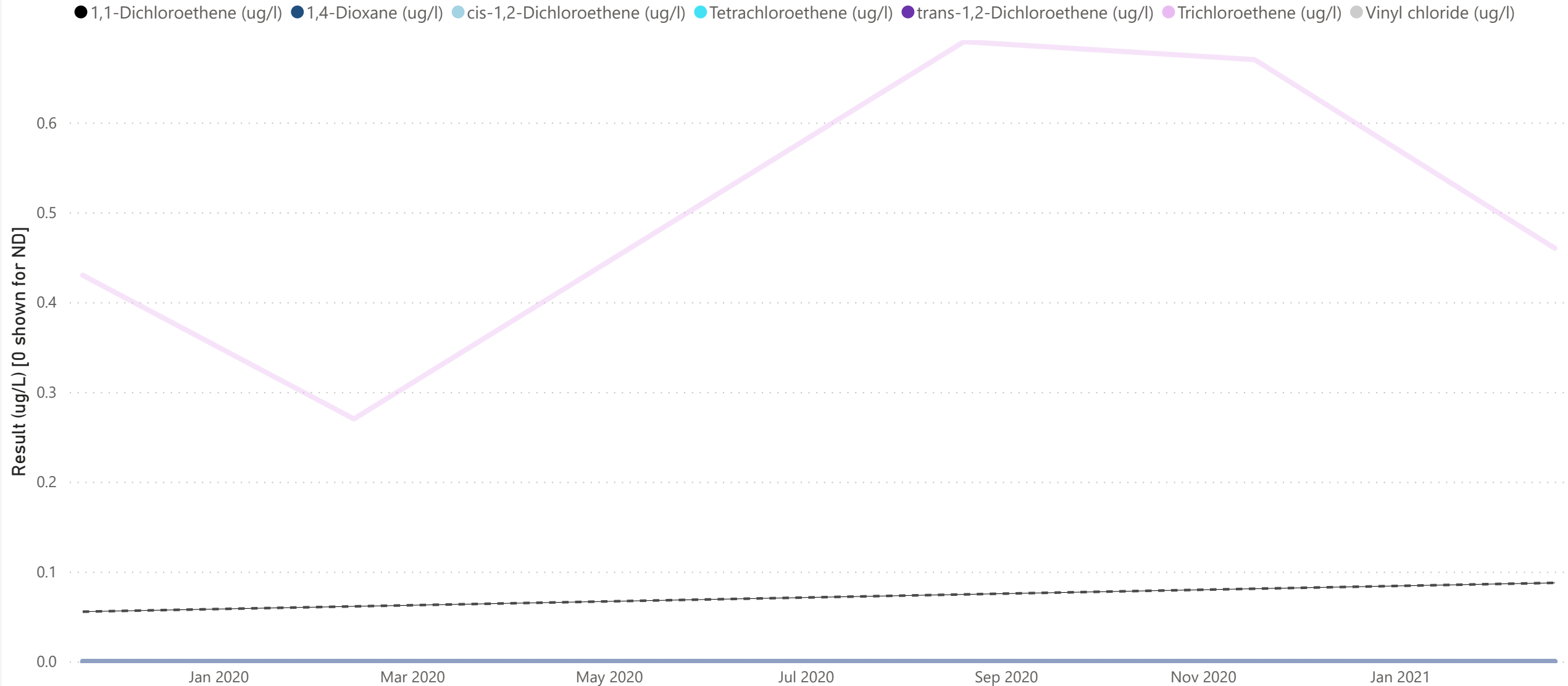
Multiple selections

Select to Update Graph:

Location

MW-198S

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

GW Analytical

Select to Update Graph:

Constituent

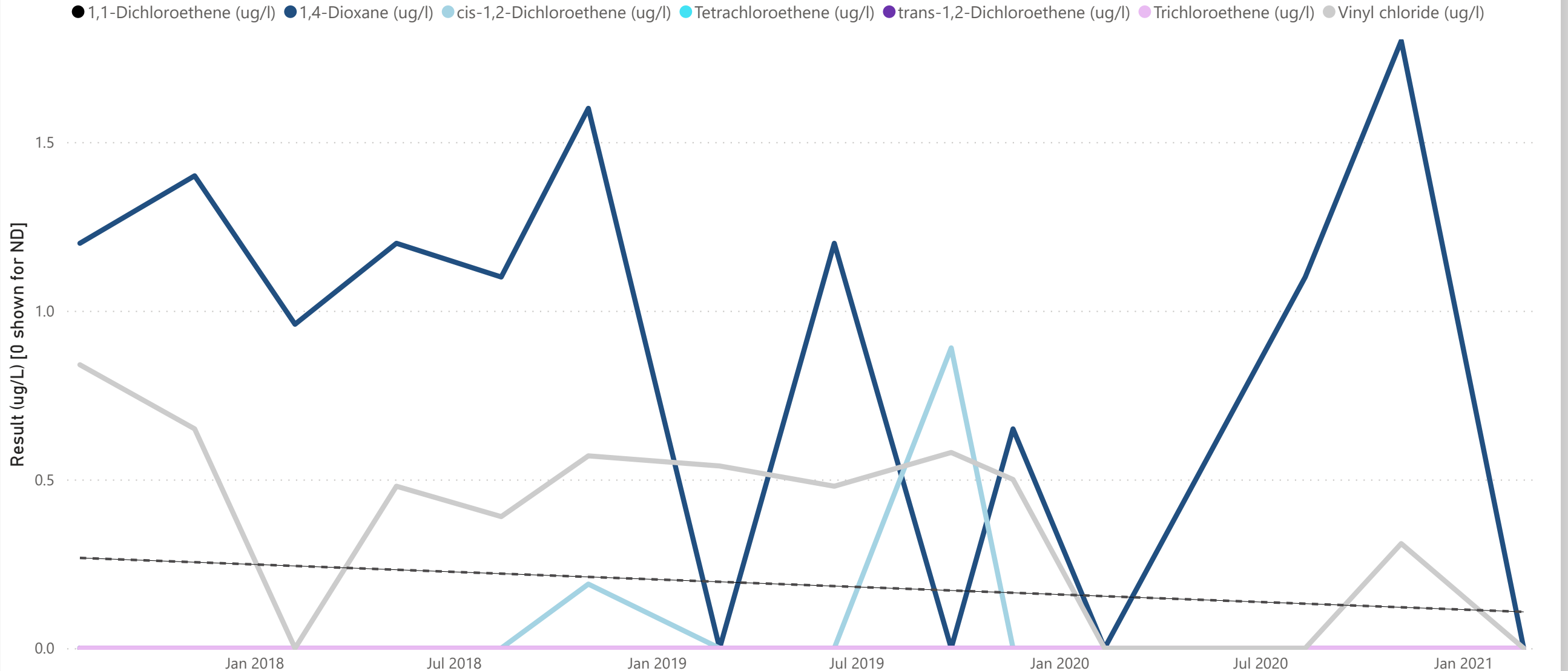
Multiple selections

Select to Update Graph:

Location

MW-55

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

GW Analytical

Select to Update Graph:

Constituent

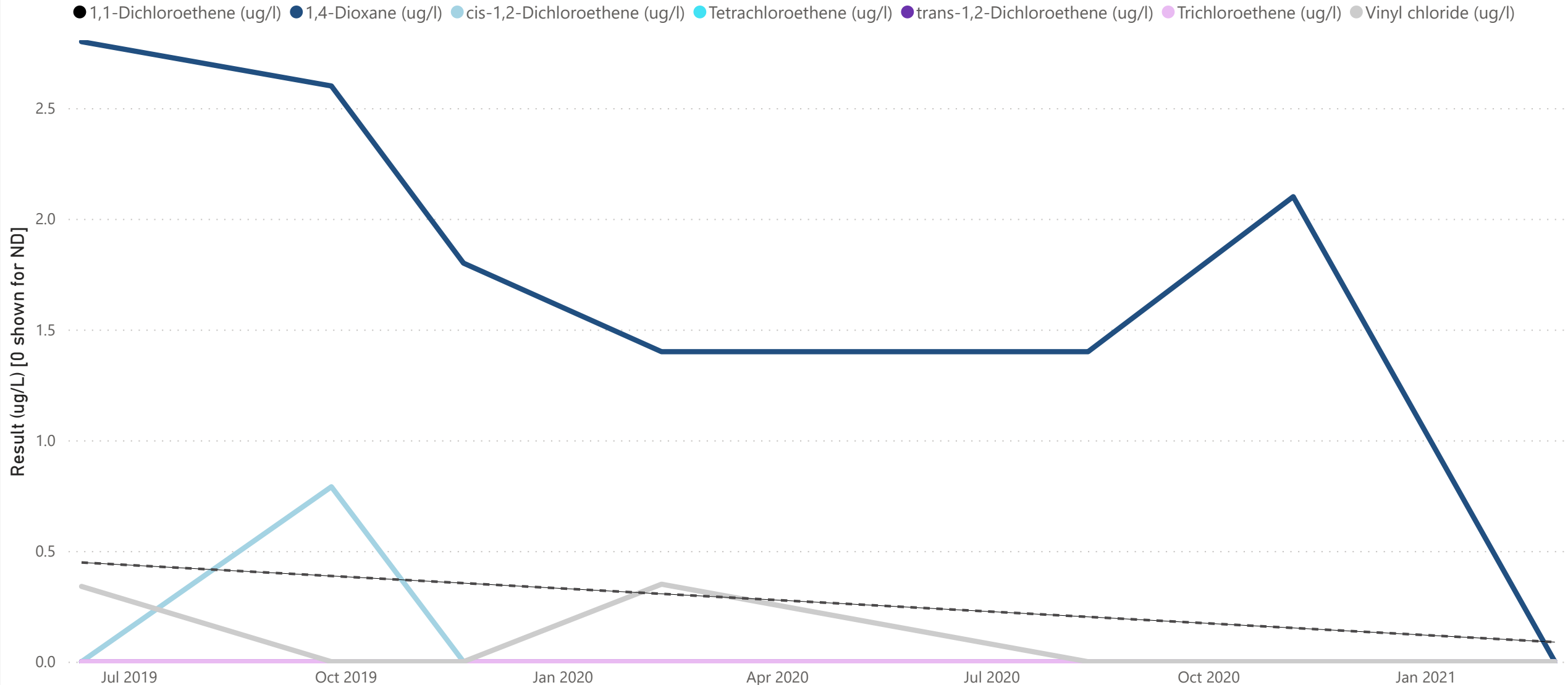
Multiple selections

Select to Update Graph:

Location

MW-55D

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Select to Update Graph:

Constituent

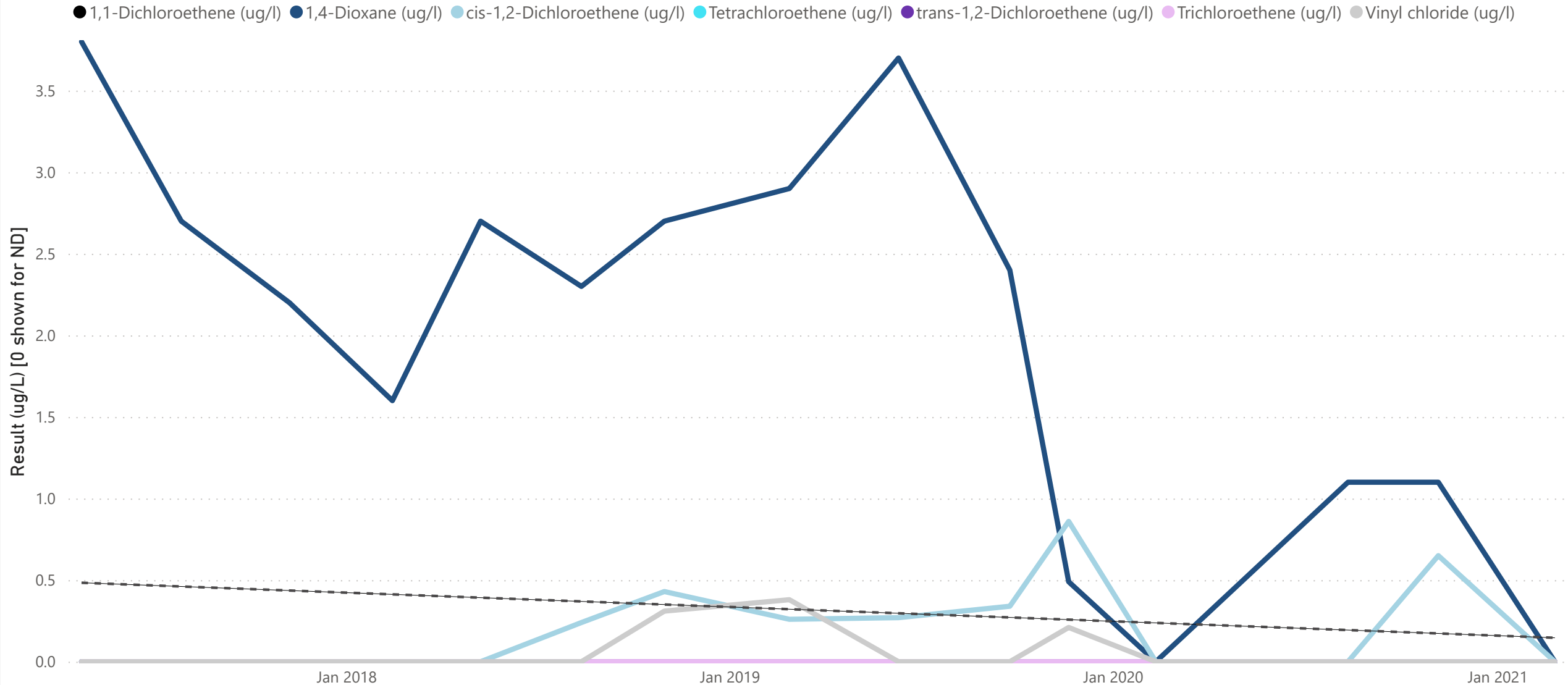
Multiple selections

Select to Update Graph:

Location

MW-56

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Select to Update Graph:

Constituent

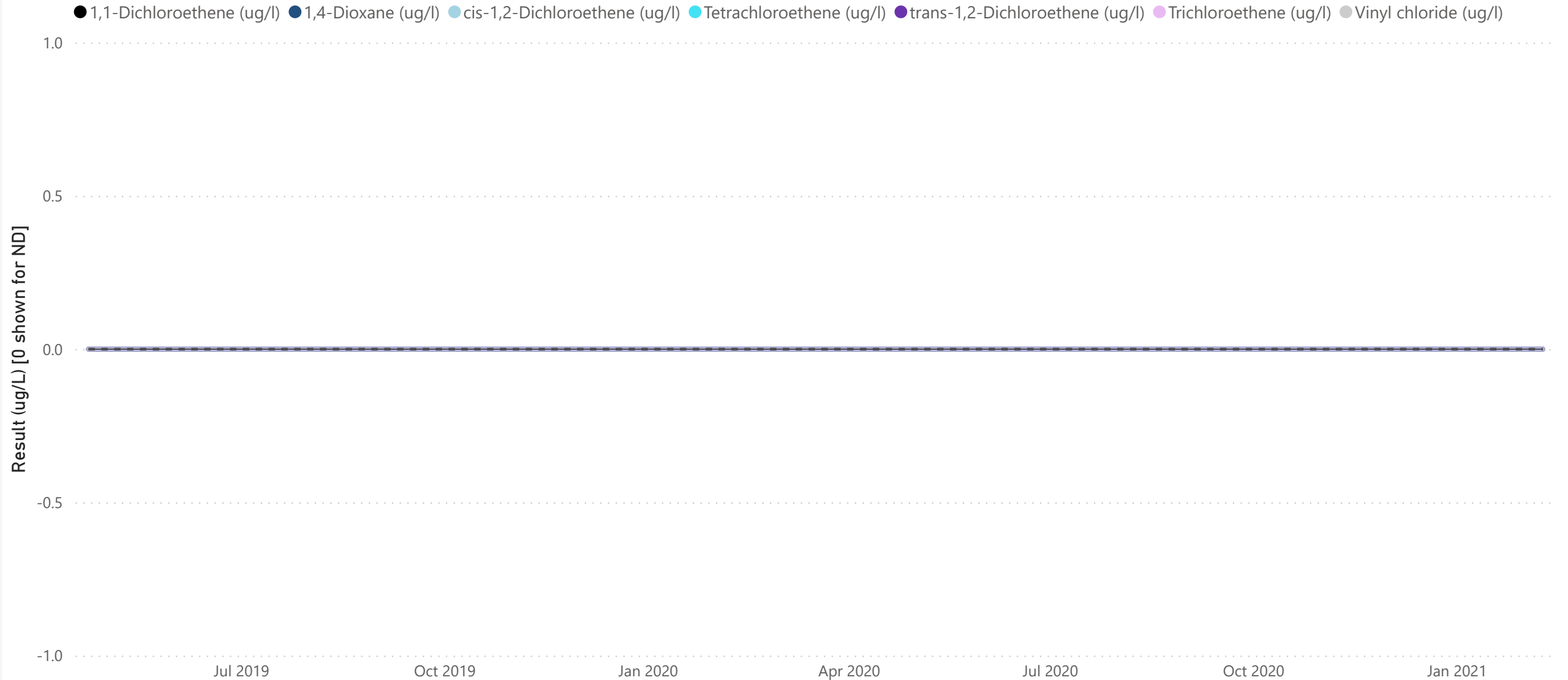
Multiple selections

Select to Update Graph:

Location

MW-113

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Select to Update Graph:

Constituent

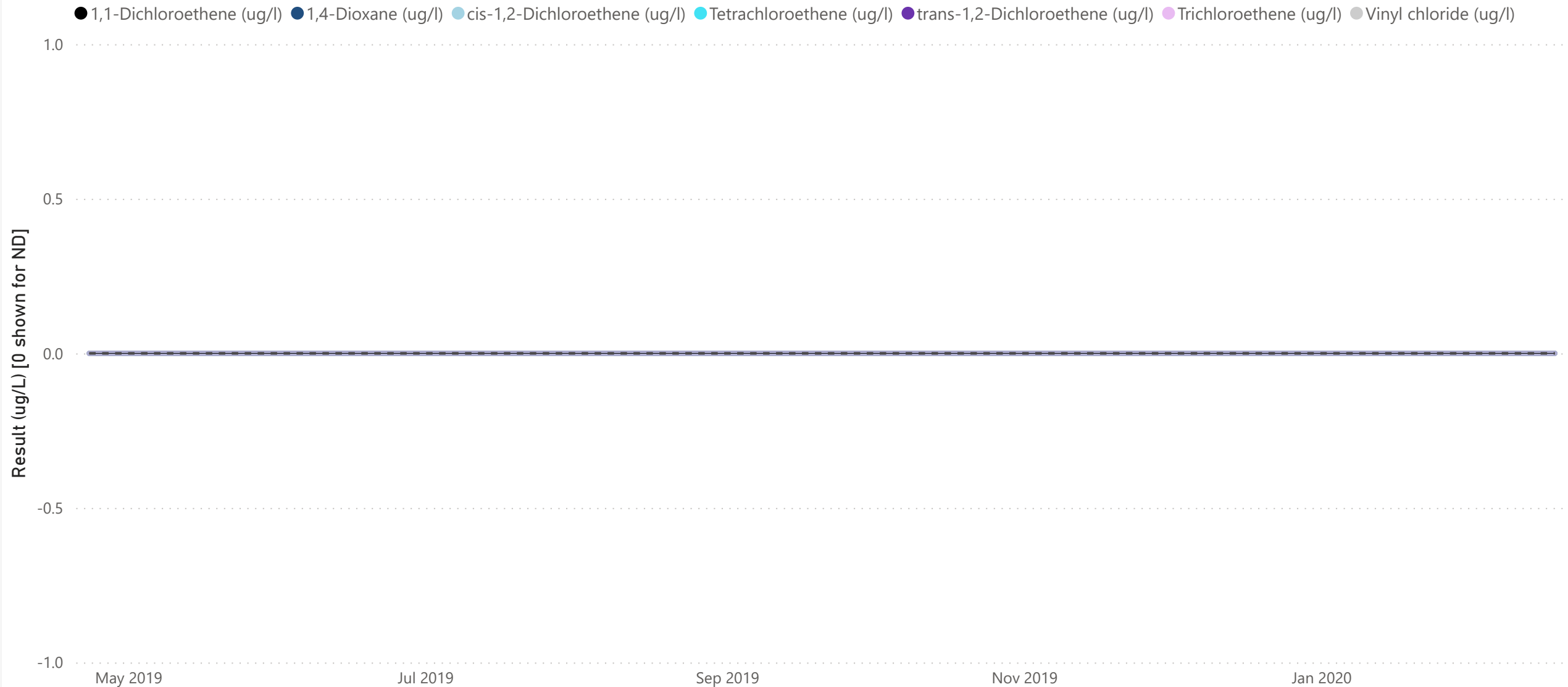
Multiple selections

Select to Update Graph:

Location

MW-114

Analytical Result (ug/L) with Trend Line by Location



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Select to Update Graph:

Constituent

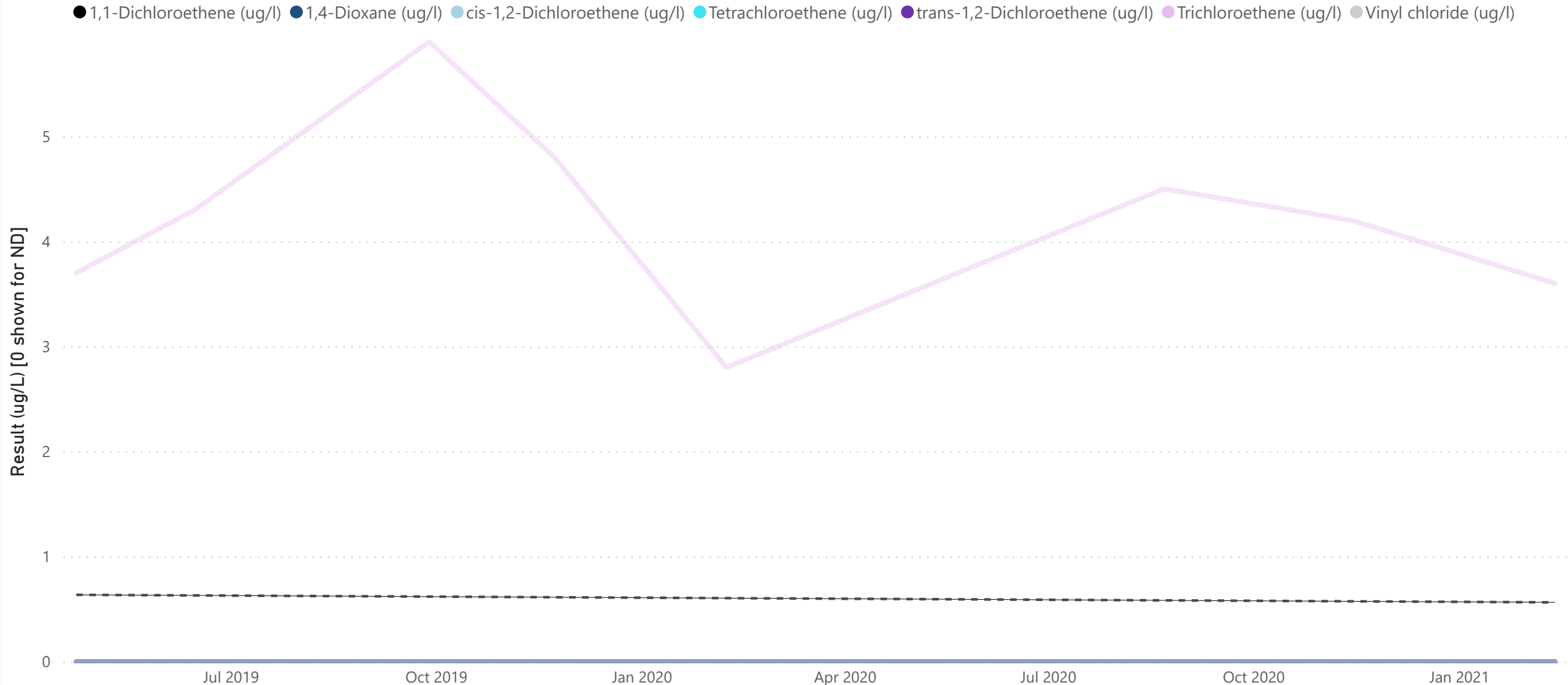
Multiple selections

Select to Update Graph:

Location

MW-120

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

GW Analytical

Select to Update Graph:

Constituent

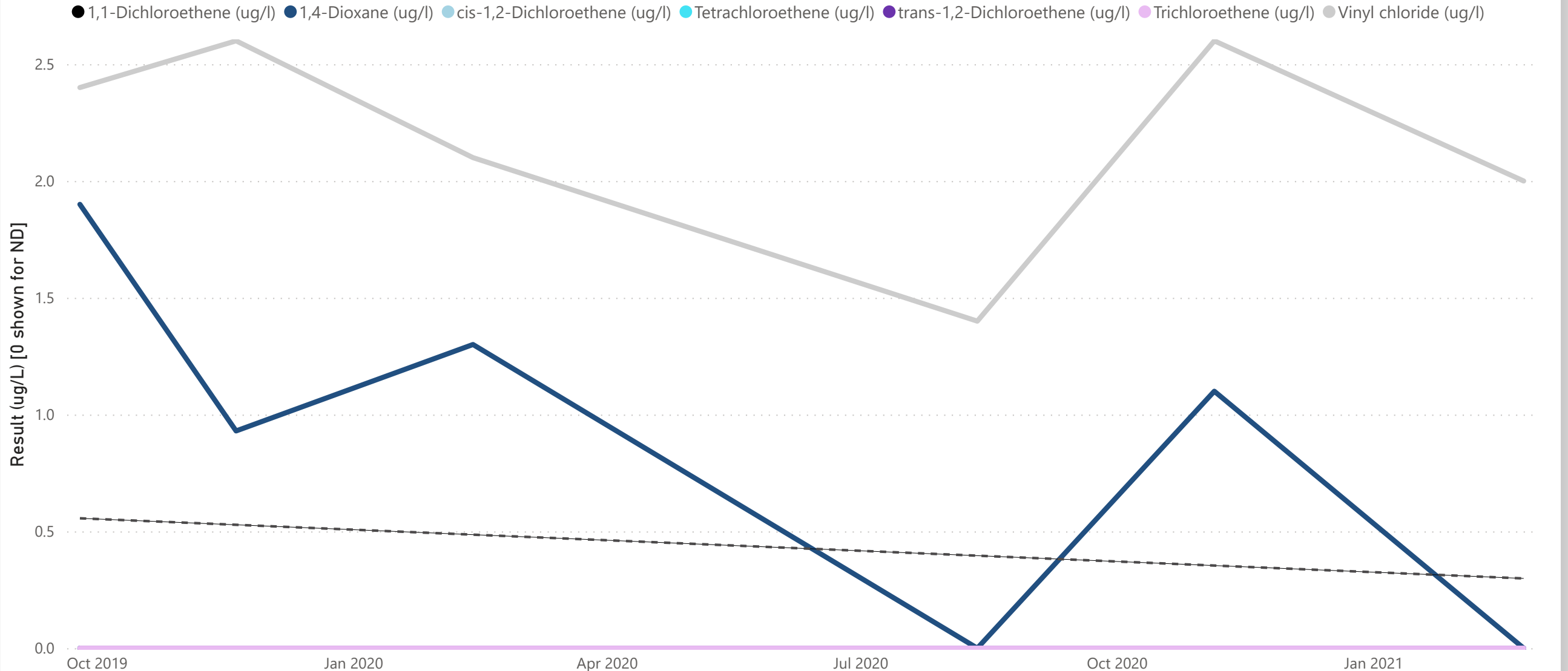
Multiple selections

Select to Update Graph:

Location

MW-122

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

GW Analytical

Select to Update Graph:

Constituent

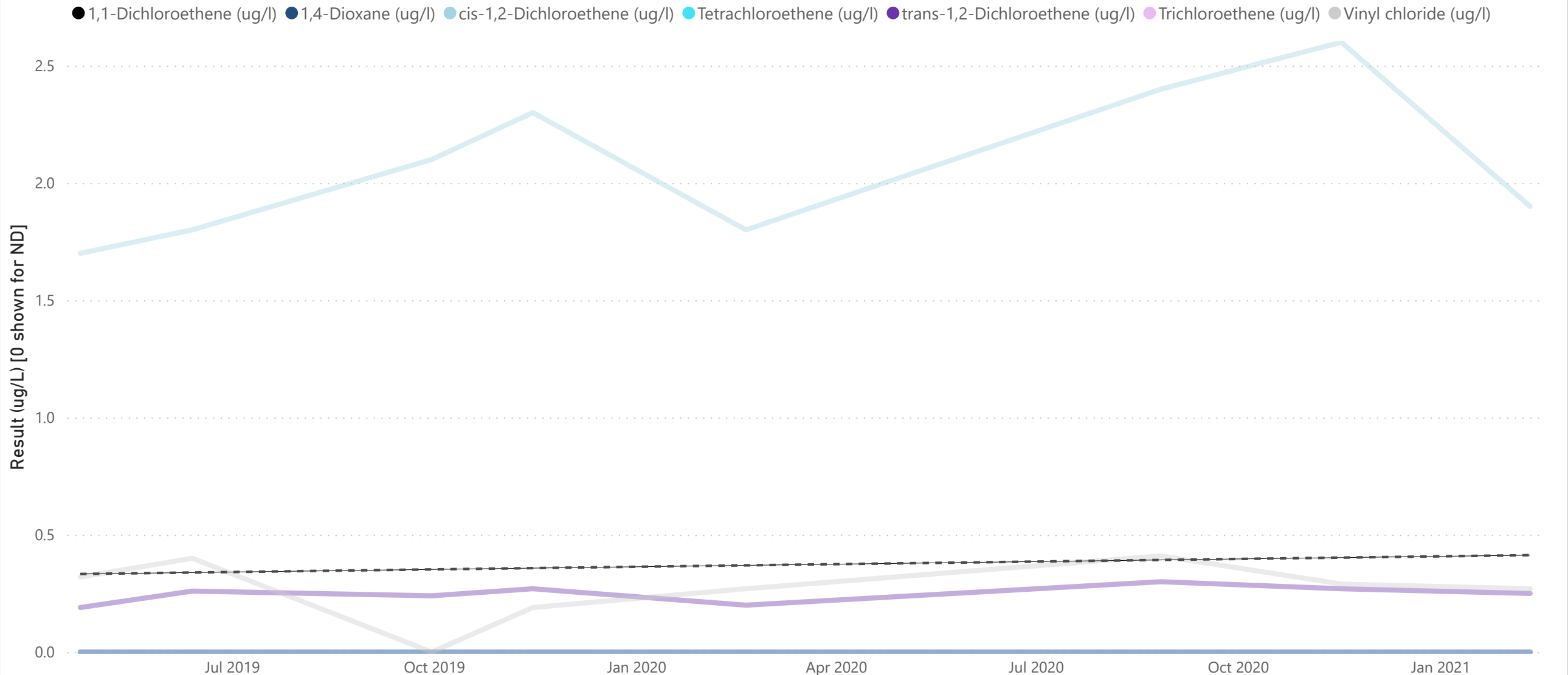
Multiple selections

Select to Update Graph:

Location

MW-124

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Select to Update Graph:

Constituent

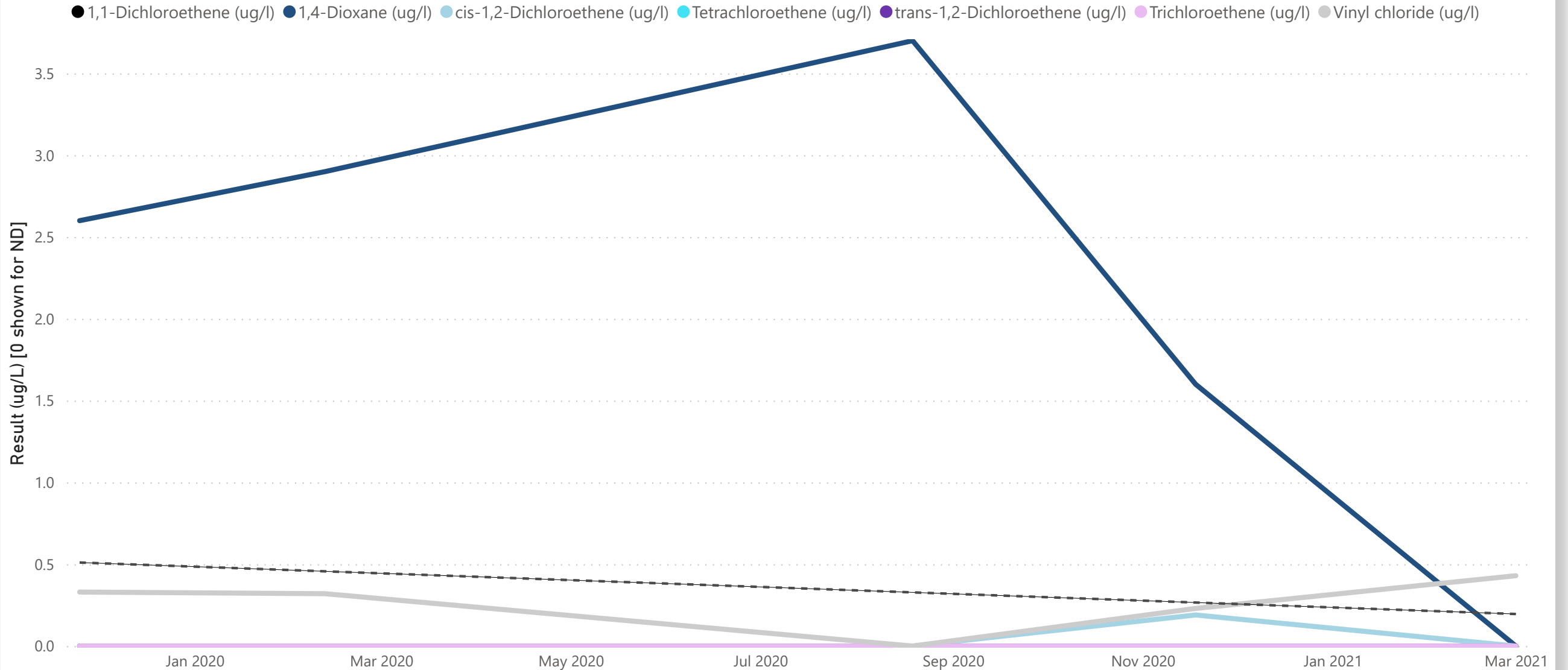
Multiple selections

Select to Update Graph:

Location

MW-199S

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Select to Update Graph:

Constituent

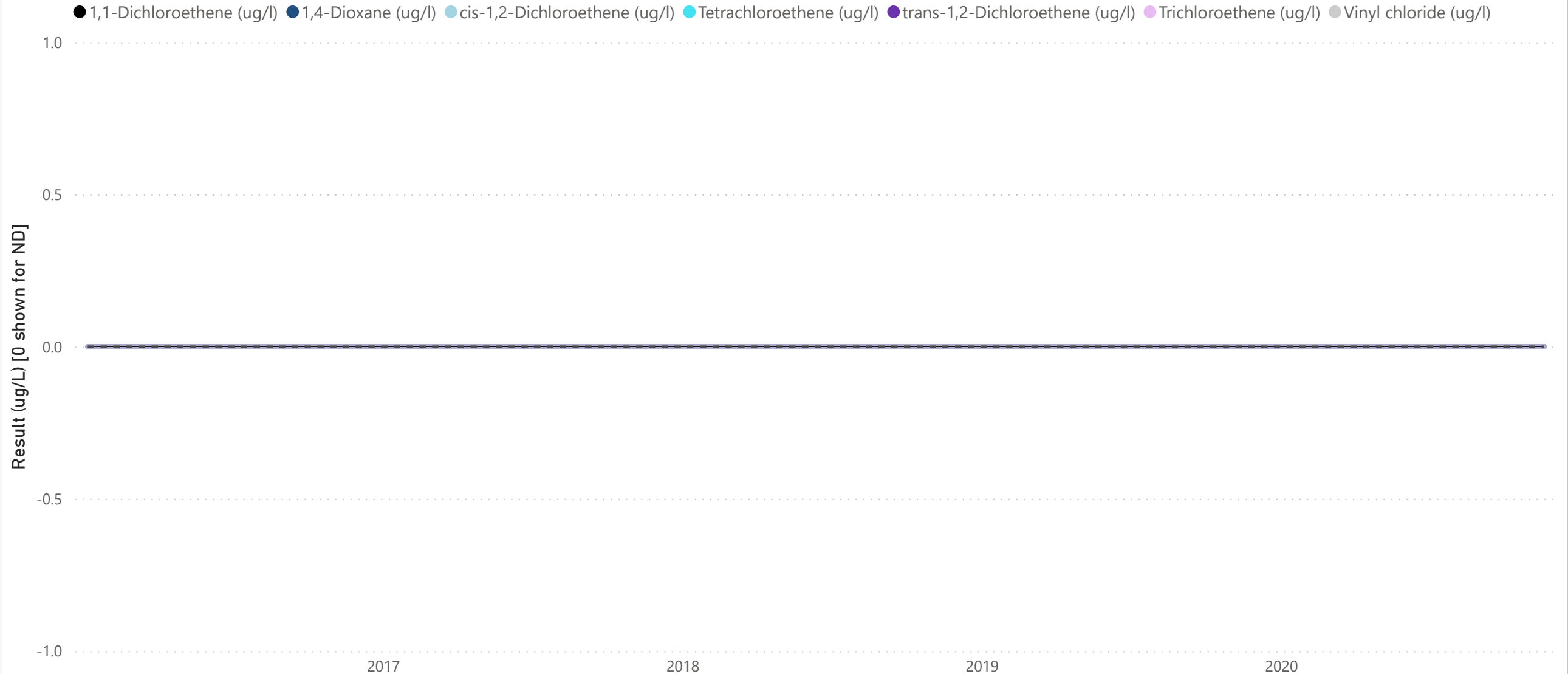
Multiple selections

Select to Update Graph:

Location

MW-15-59D

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Select to Update Graph:

Constituent

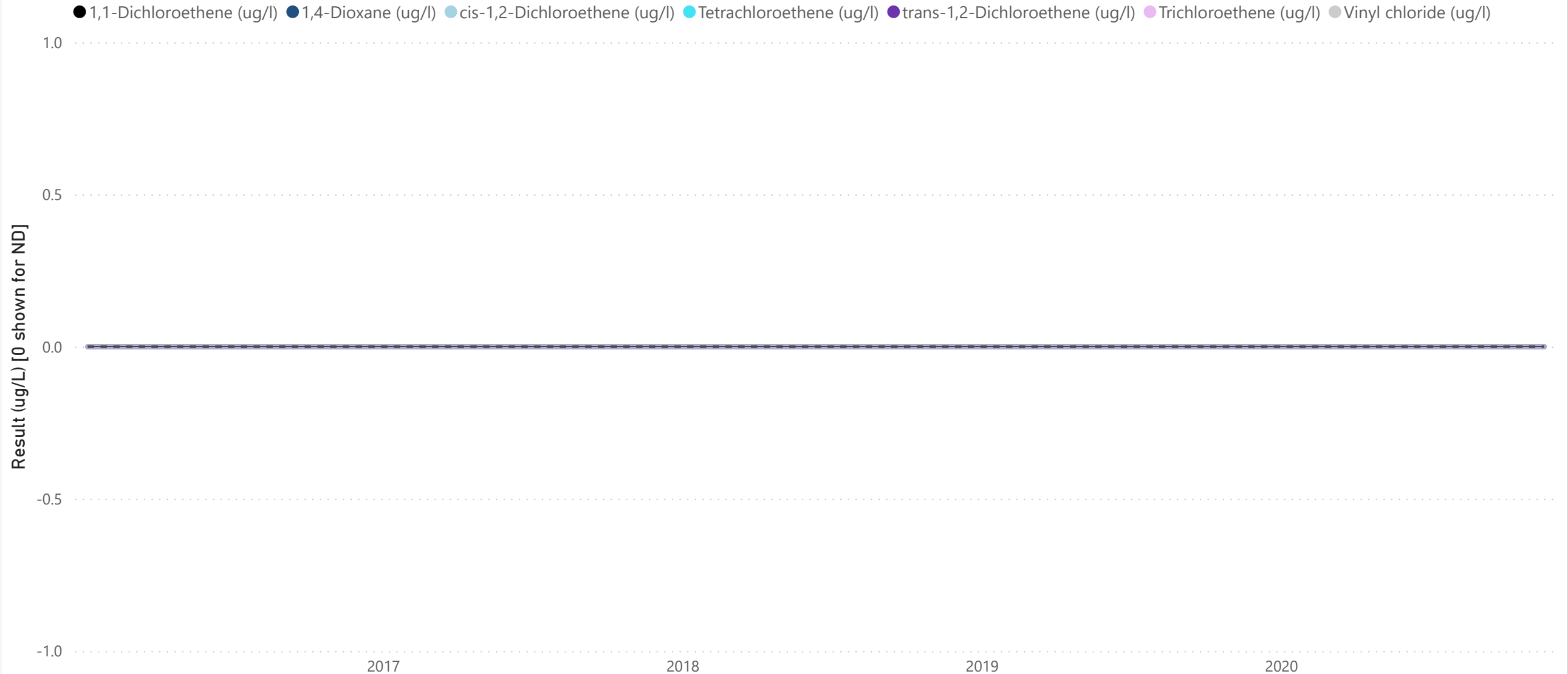
Multiple selections

Select to Update Graph:

Location

MW-15-60D

Analytical Result (ug/L) with Trend Line by Location



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Select to Update Graph:

Constituent

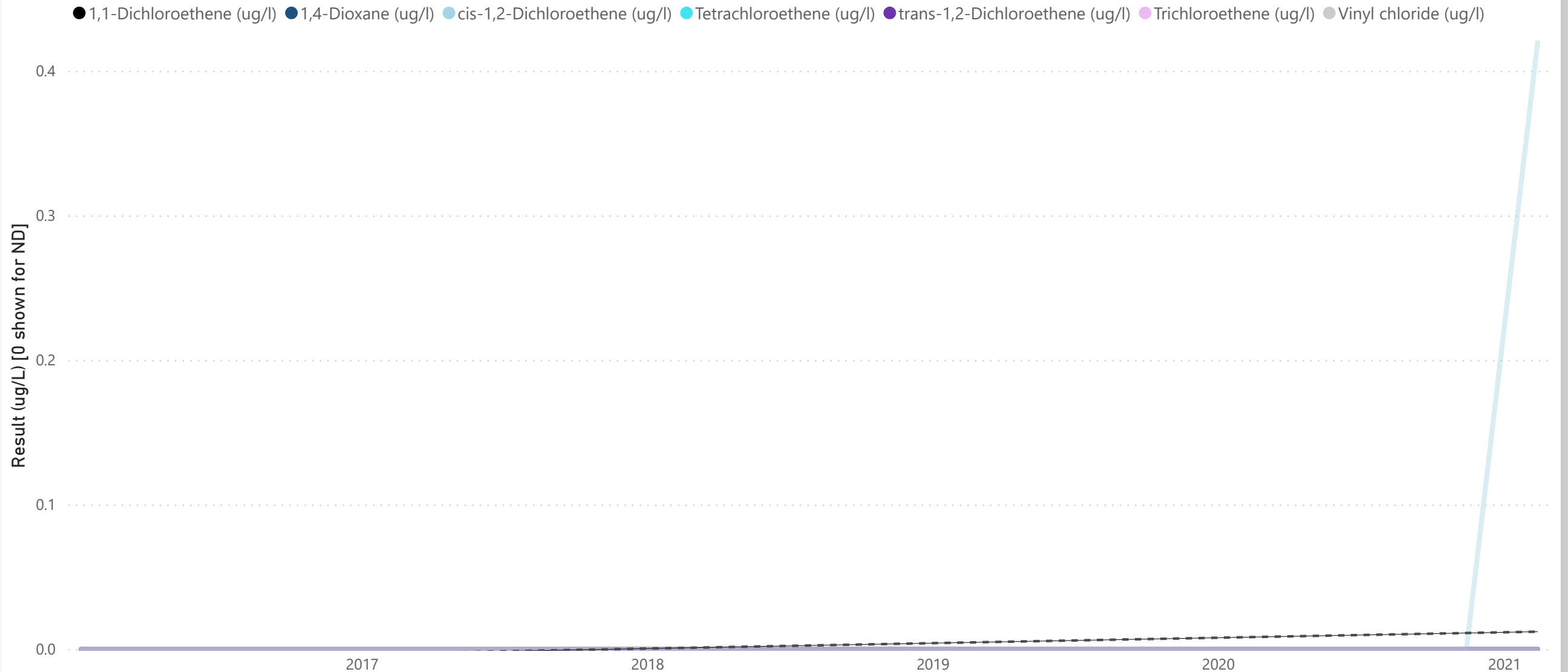
Multiple selections

Select to Update Graph:

Location

MW-15-61D

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Select to Update Graph:

Constituent

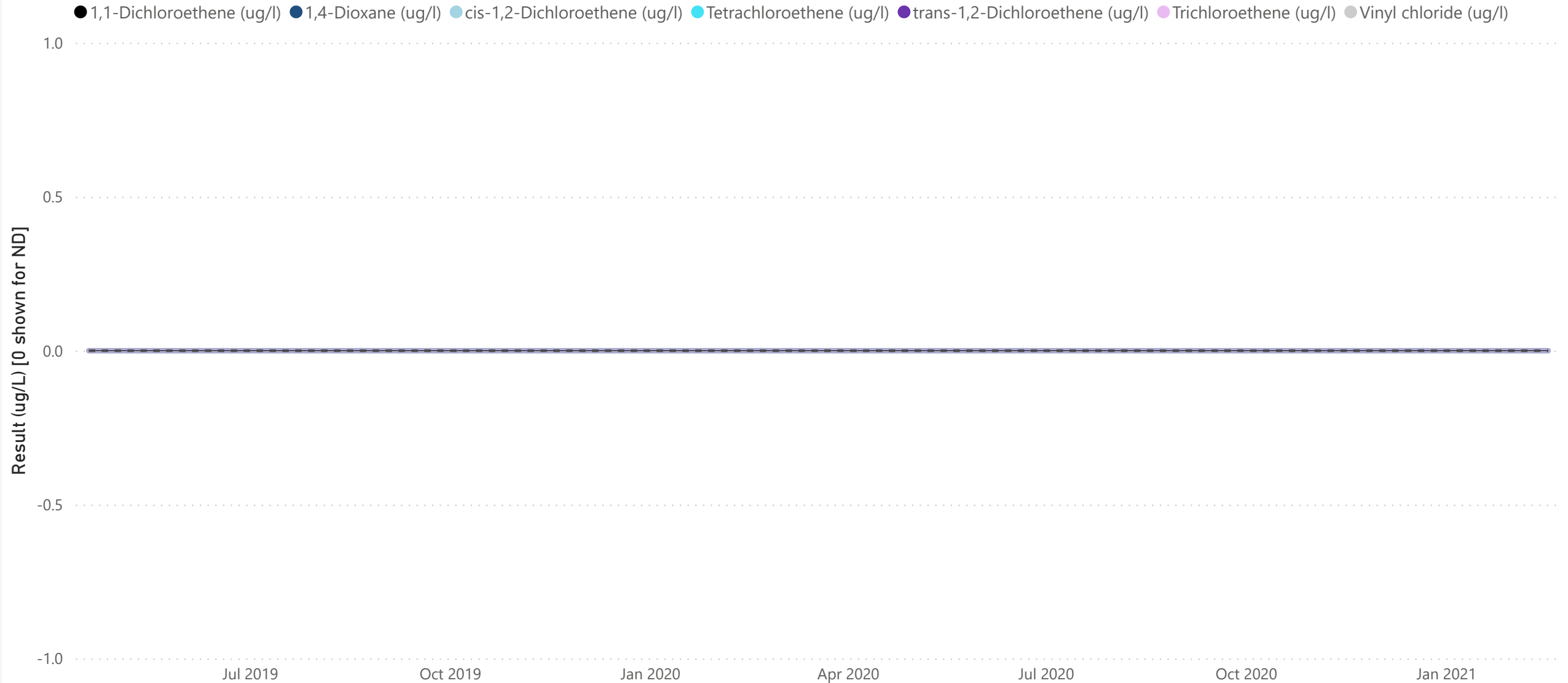
Multiple selections

Select to Update Graph:

Location

MW-125

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Select to Update Graph:

Constituent

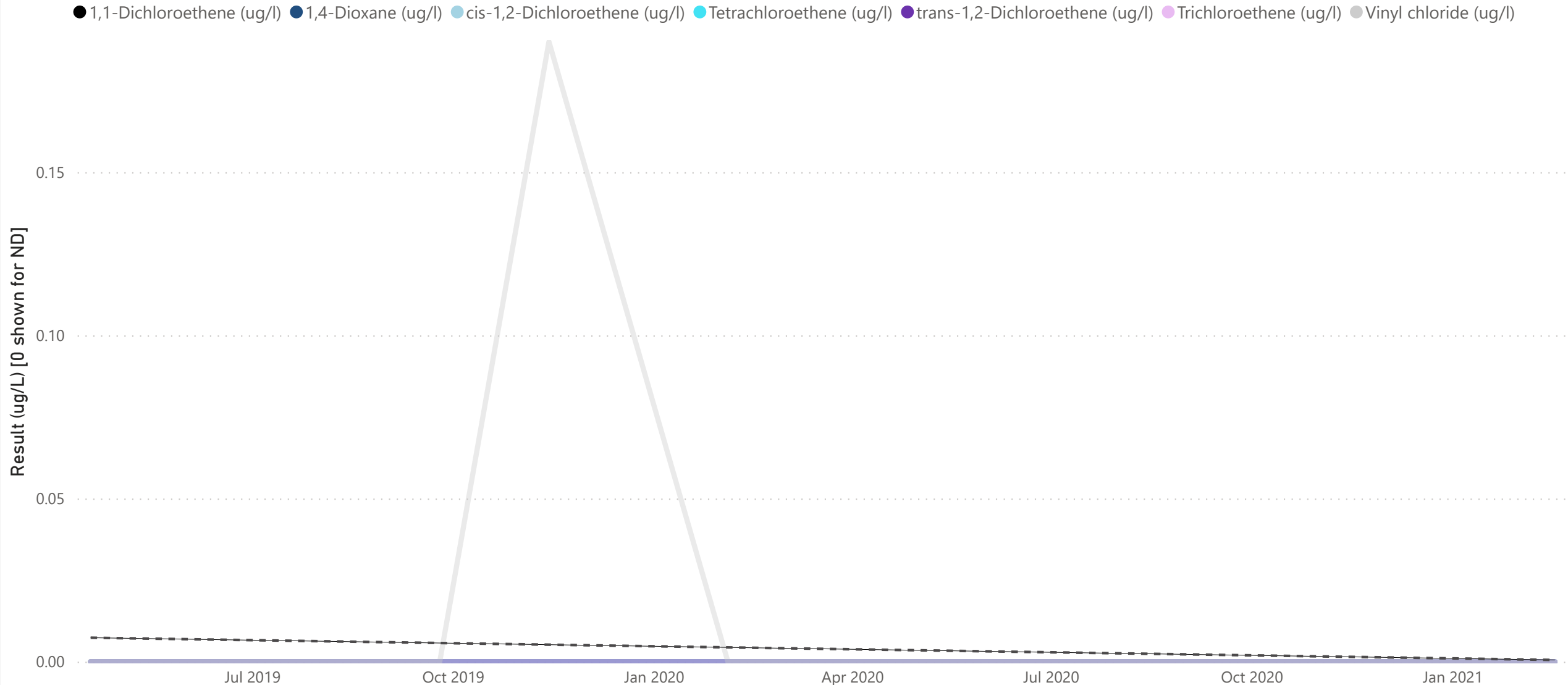
Multiple selections

Select to Update Graph:

Location

MW-125S

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Select to Update Graph:

Constituent

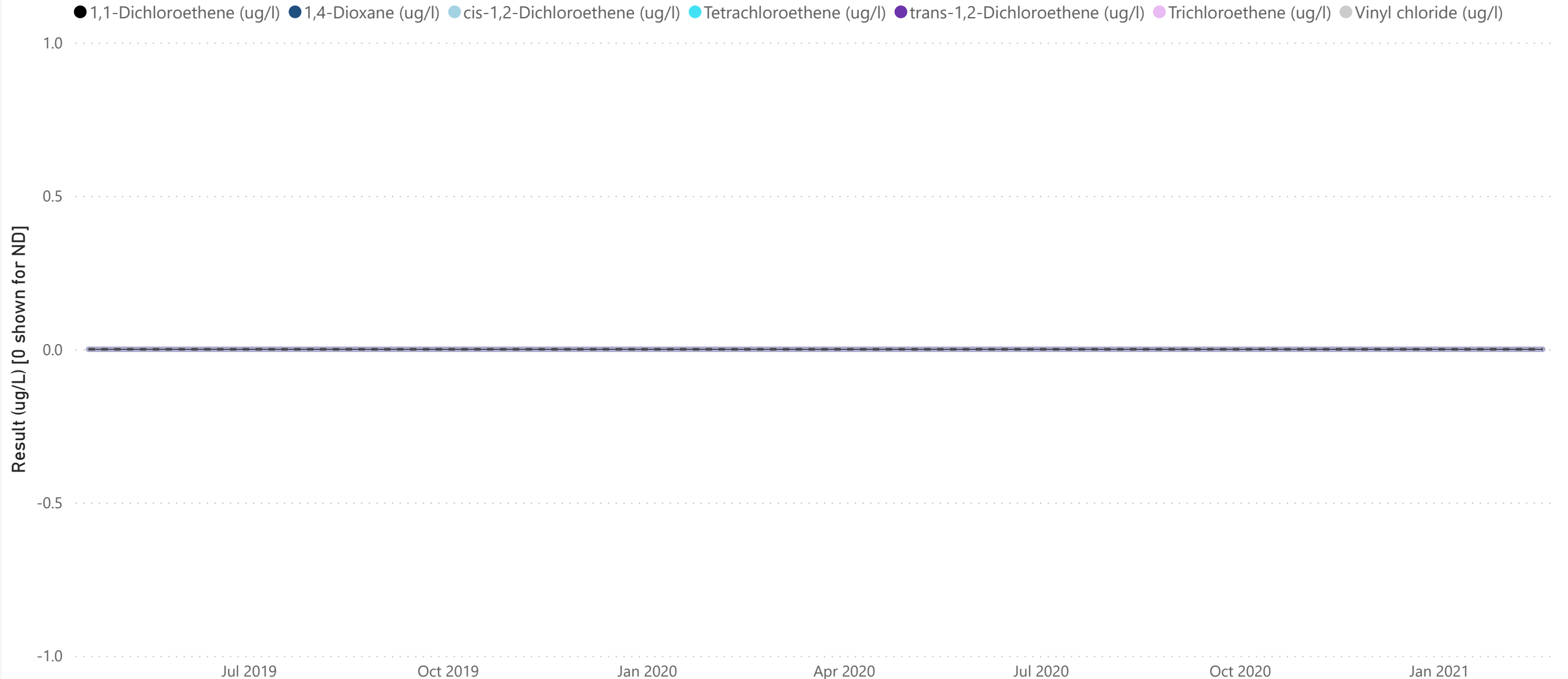
Multiple selections

Select to Update Graph:

Location

MW-129

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Select to Update Graph:

Constituent

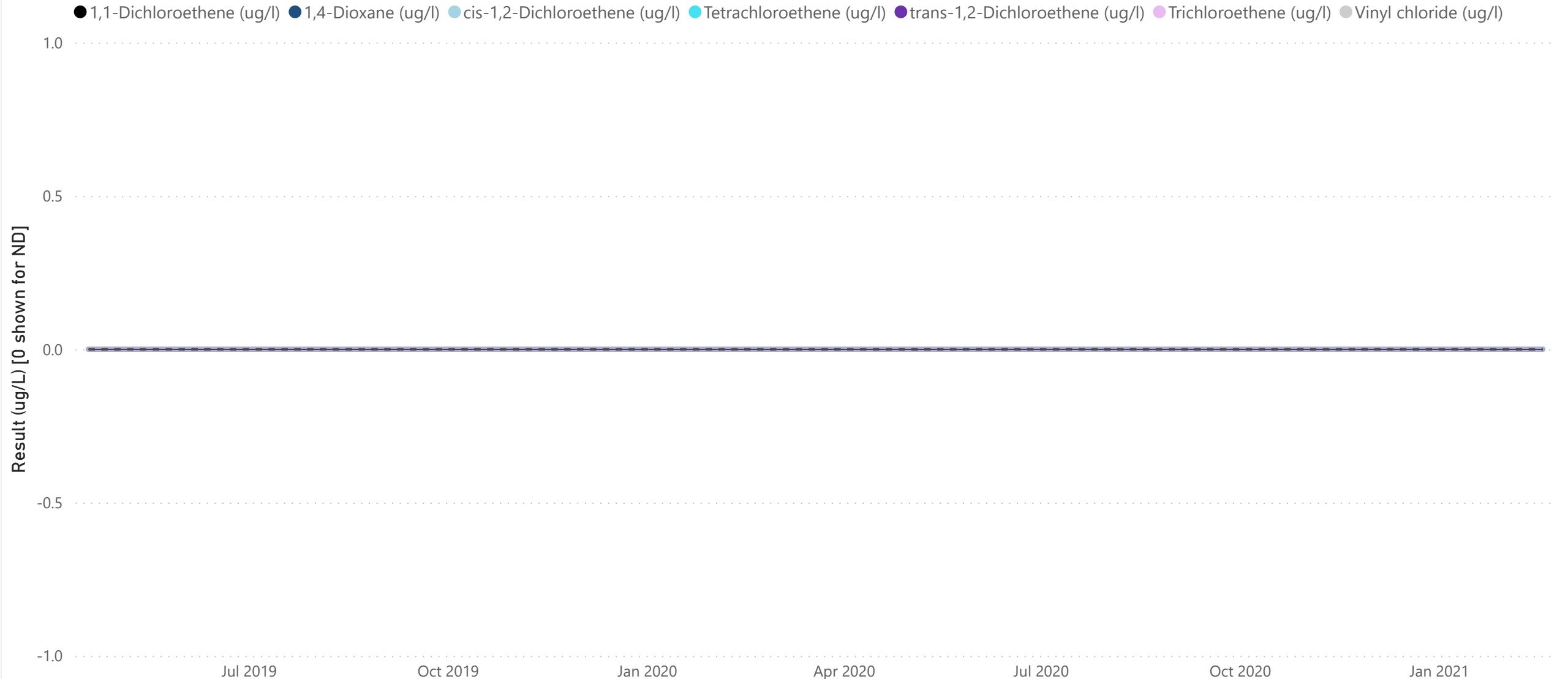
Multiple selections

Select to Update Graph:

Location

MW-129S

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Select to Update Graph:

Constituent



Multiple selections



Select to Update Graph:

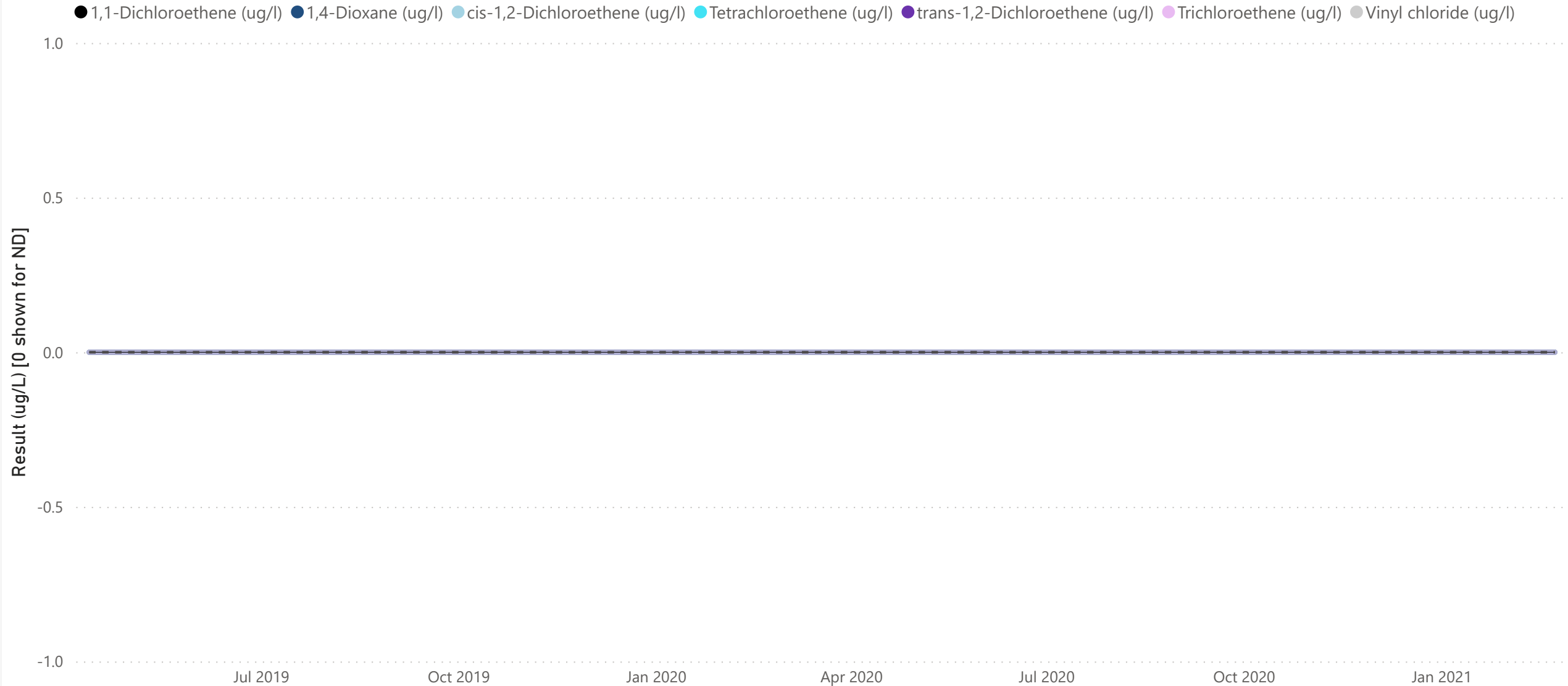
Location



MW-186S



Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Select to Update Graph:

Constituent

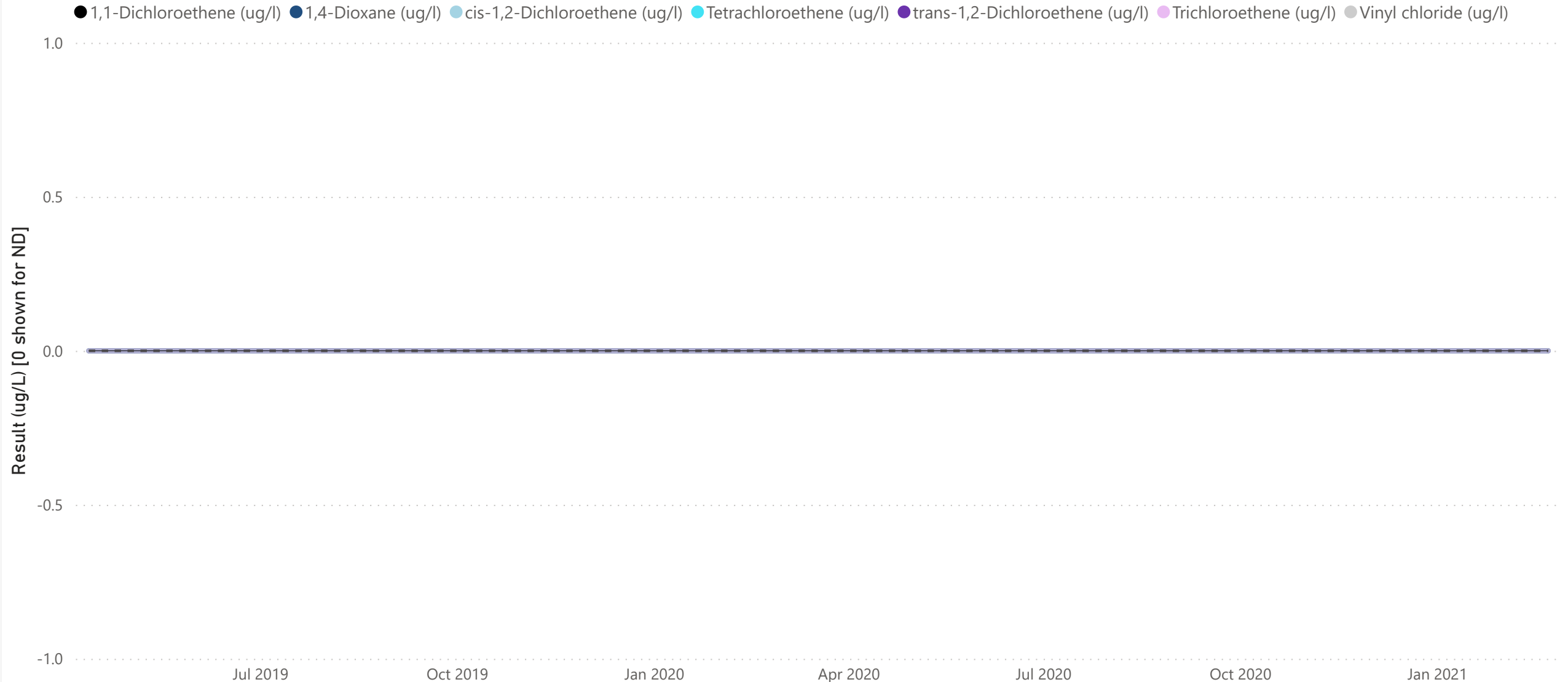
Multiple selections

Select to Update Graph:

Location

MW-187

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Select to Update Graph:

Constituent

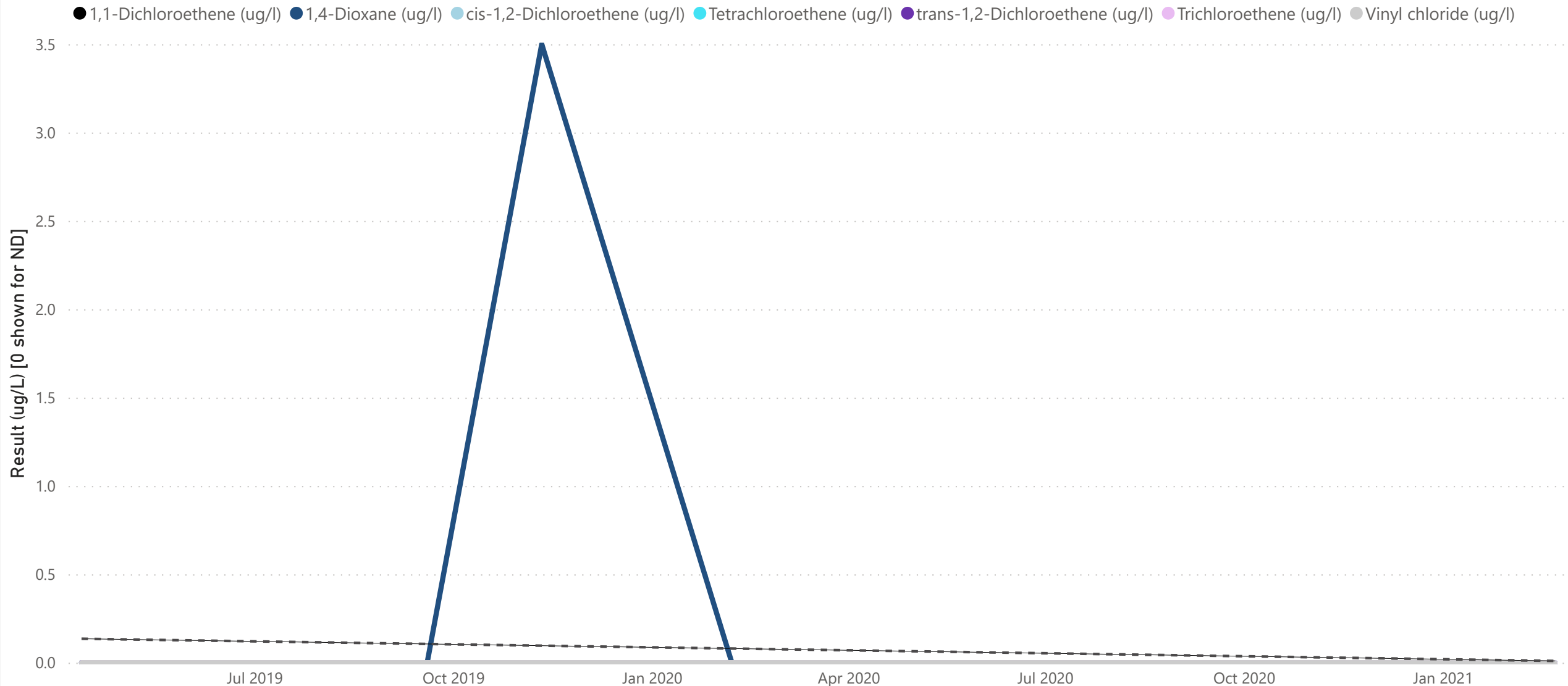
Multiple selections

Select to Update Graph:

Location

MW-187S

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Select to Update Graph:

Constituent

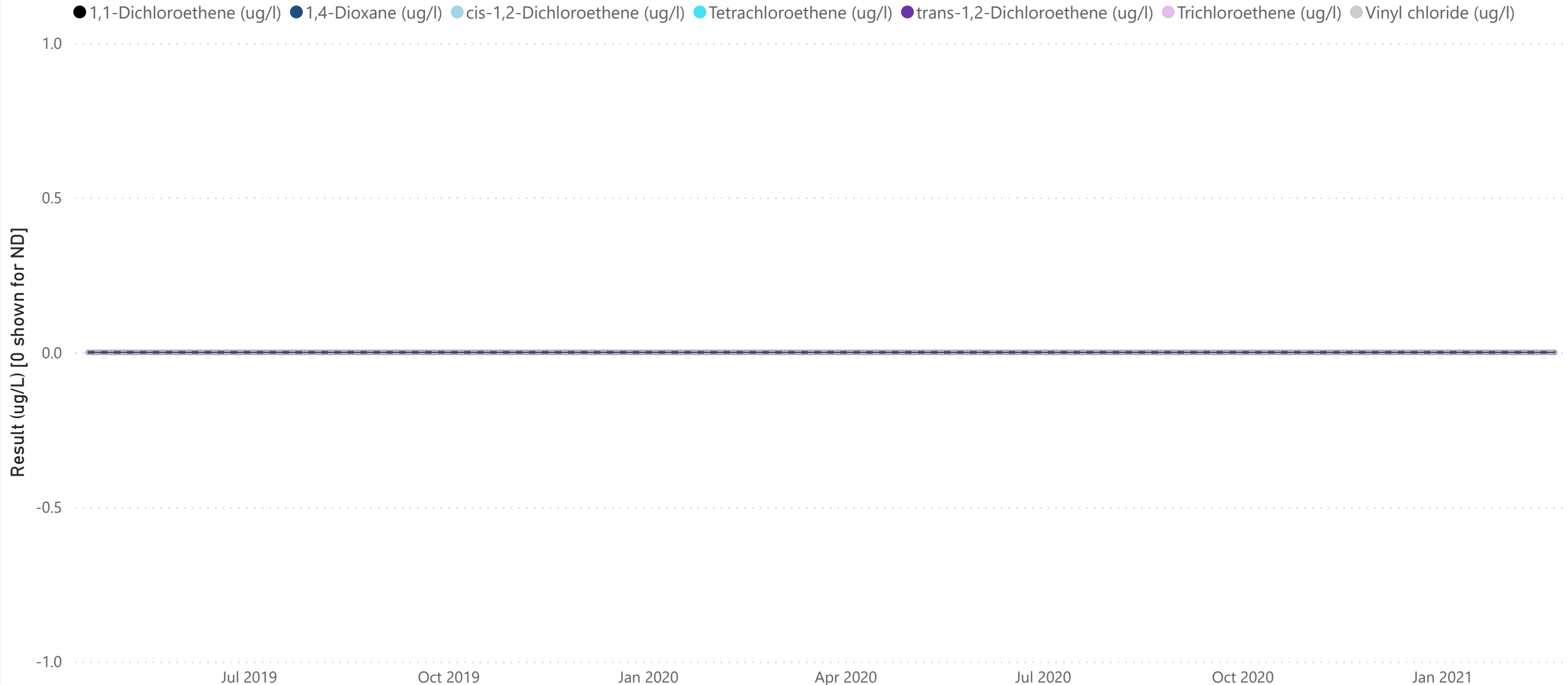
Multiple selections

Select to Update Graph:

Location

MW-188S

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Select to Update Graph:

Constituent

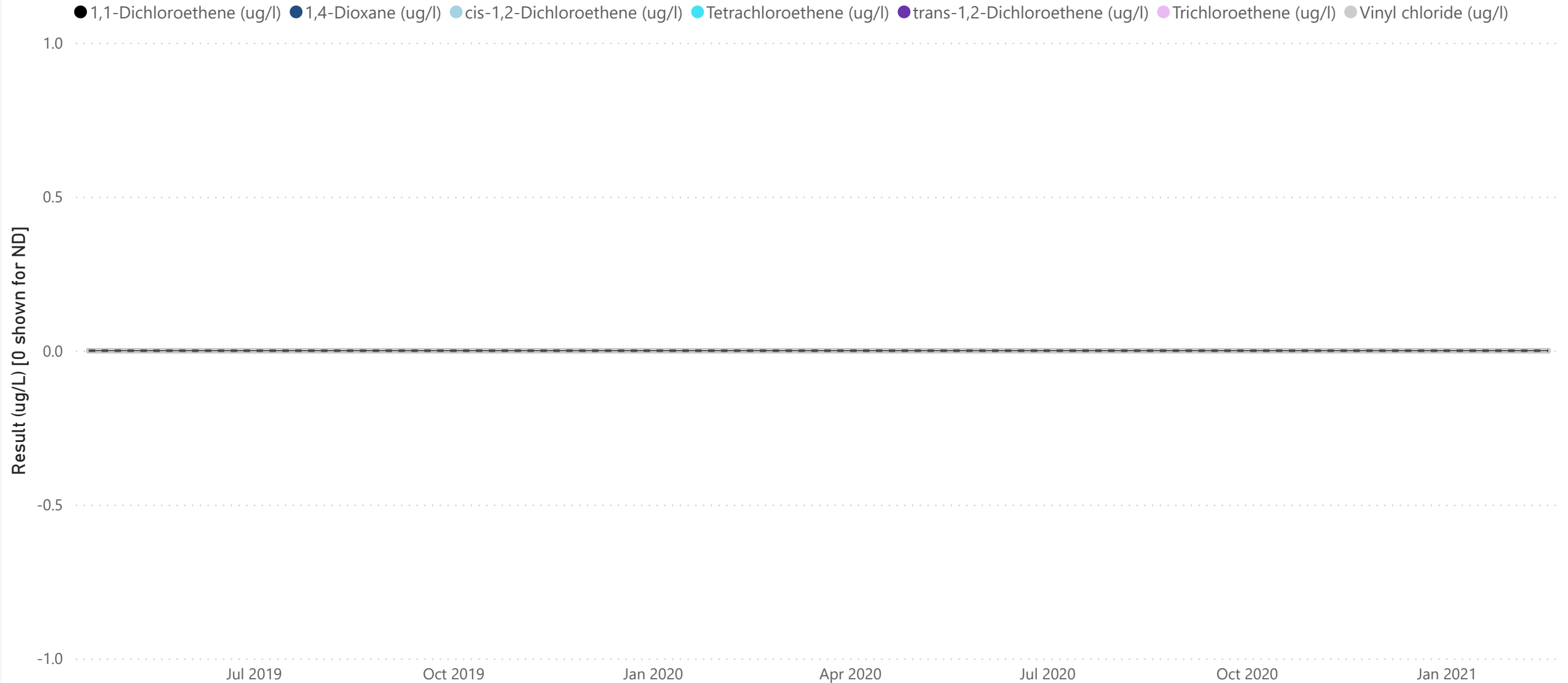
Multiple selections

Select to Update Graph:

Location

MW-189

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Select to Update Graph:

Constituent

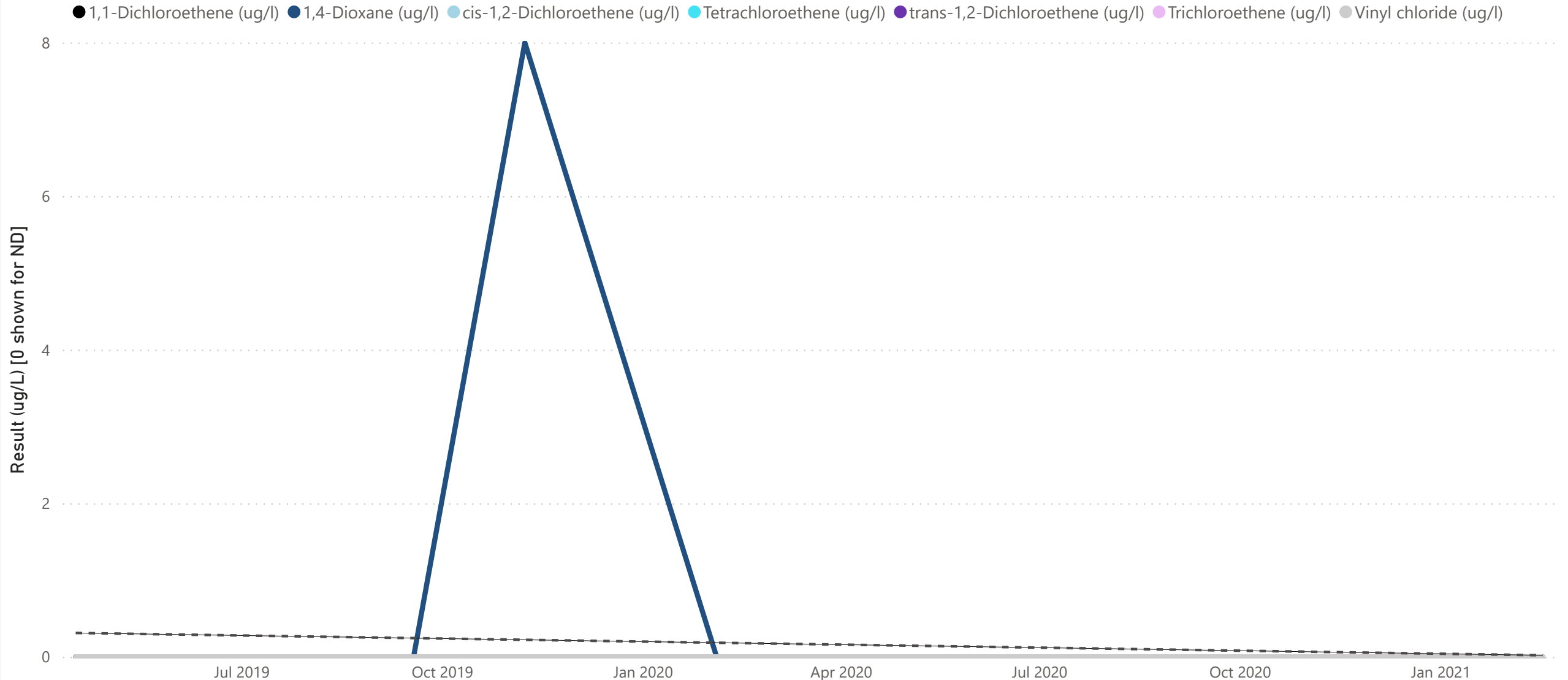
Multiple selections

Select to Update Graph:

Location

MW-189S

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Select to Update Graph:

Constituent

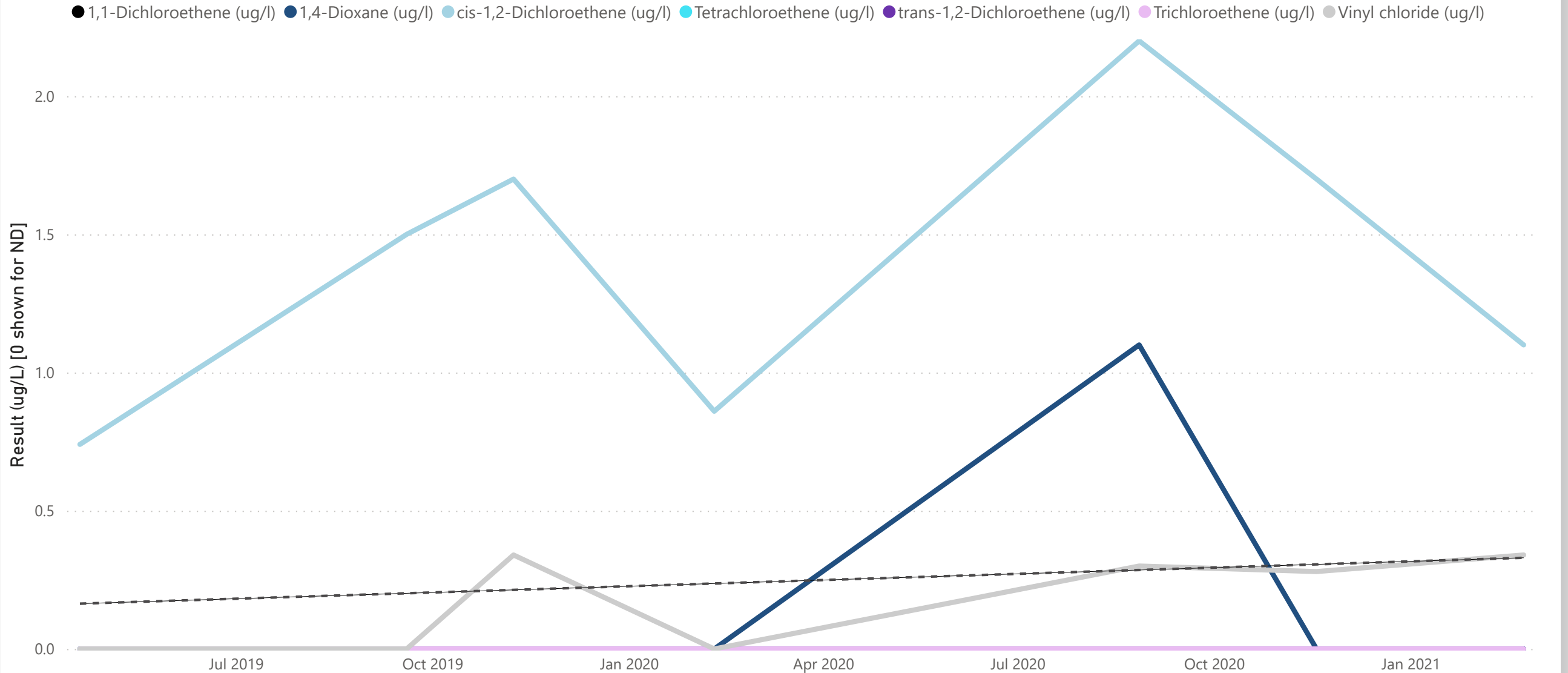
Multiple selections

Select to Update Graph:

Location

MW-190

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Select to Update Graph:

Constituent

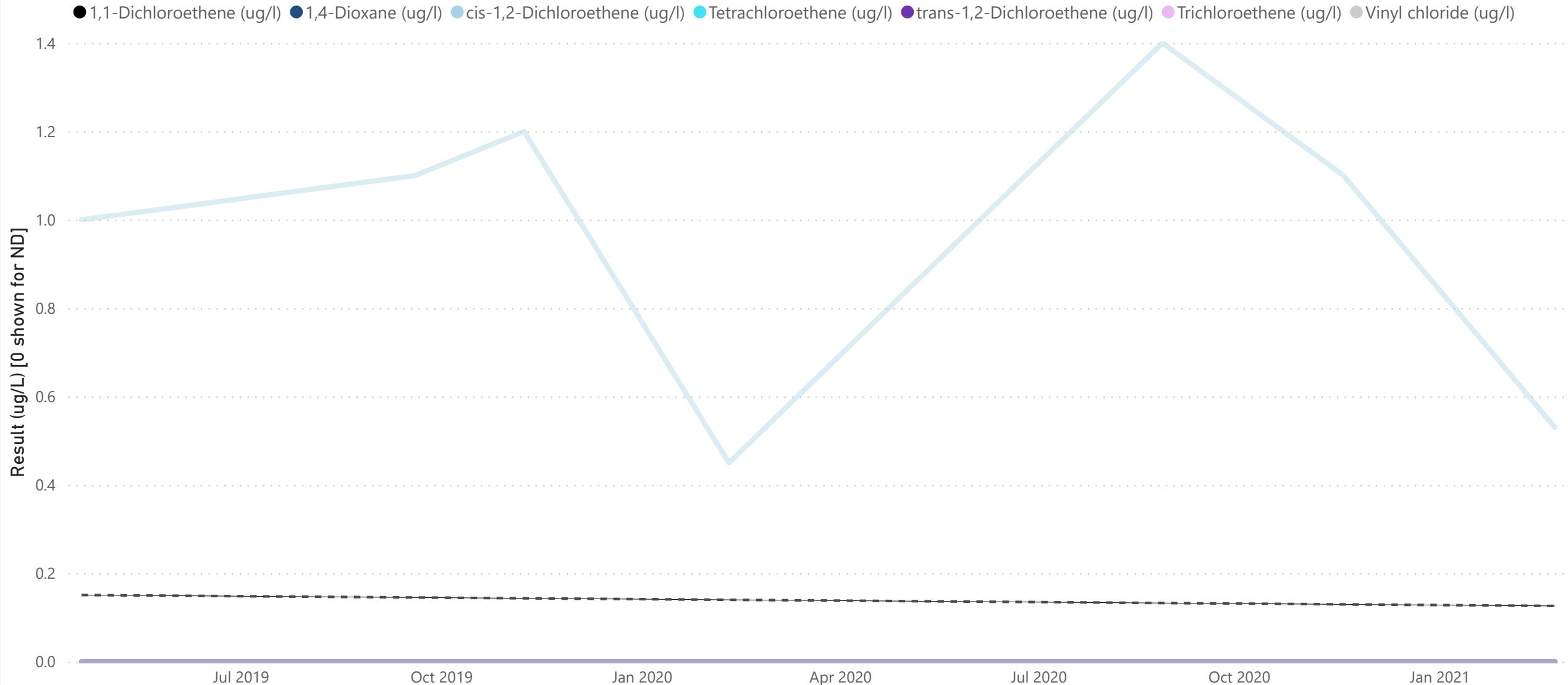
Multiple selections

Select to Update Graph:

Location

MW-190S

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Select to Update Graph:

Constituent

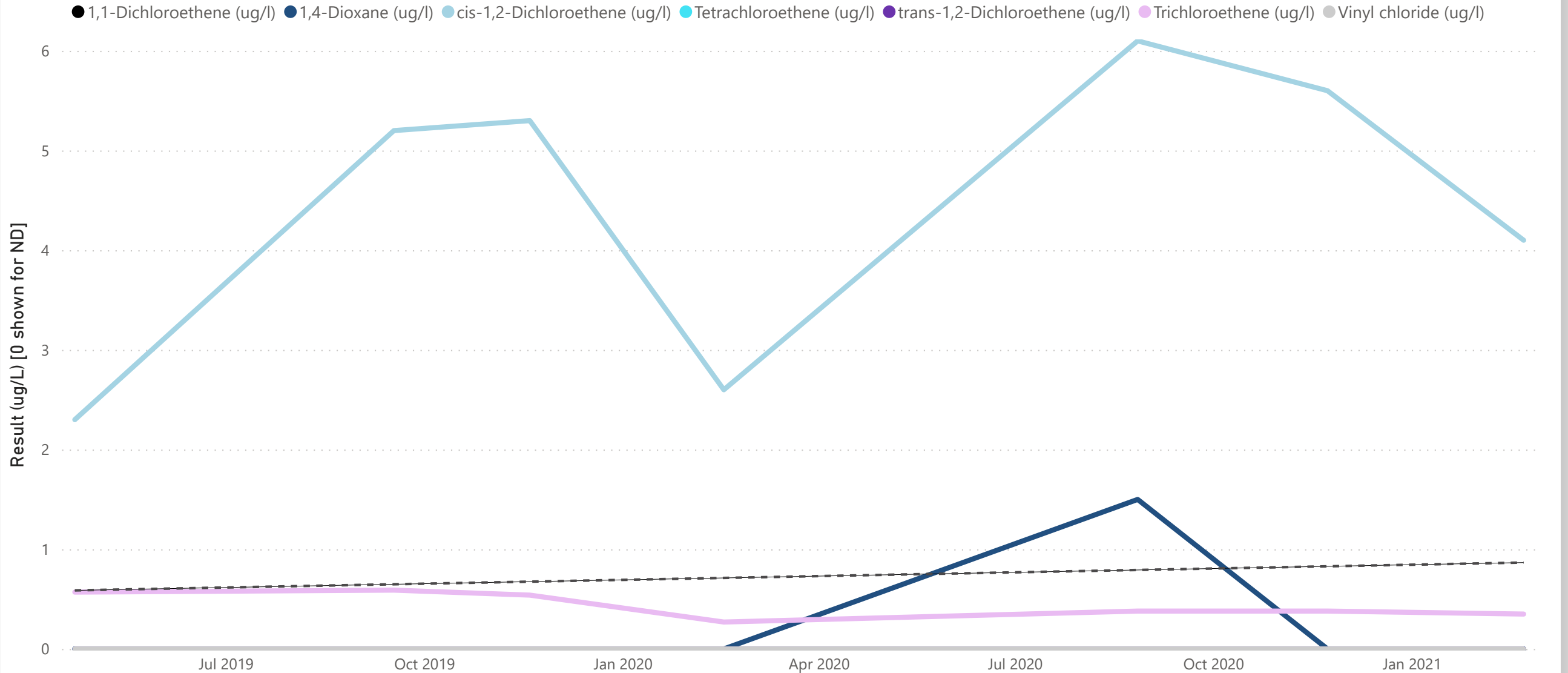
Multiple selections

Select to Update Graph:

Location

MW-191S

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Attachment 2

PW-16-01 Analytical Trend Comparison

Select to Update Graph:

Constituent

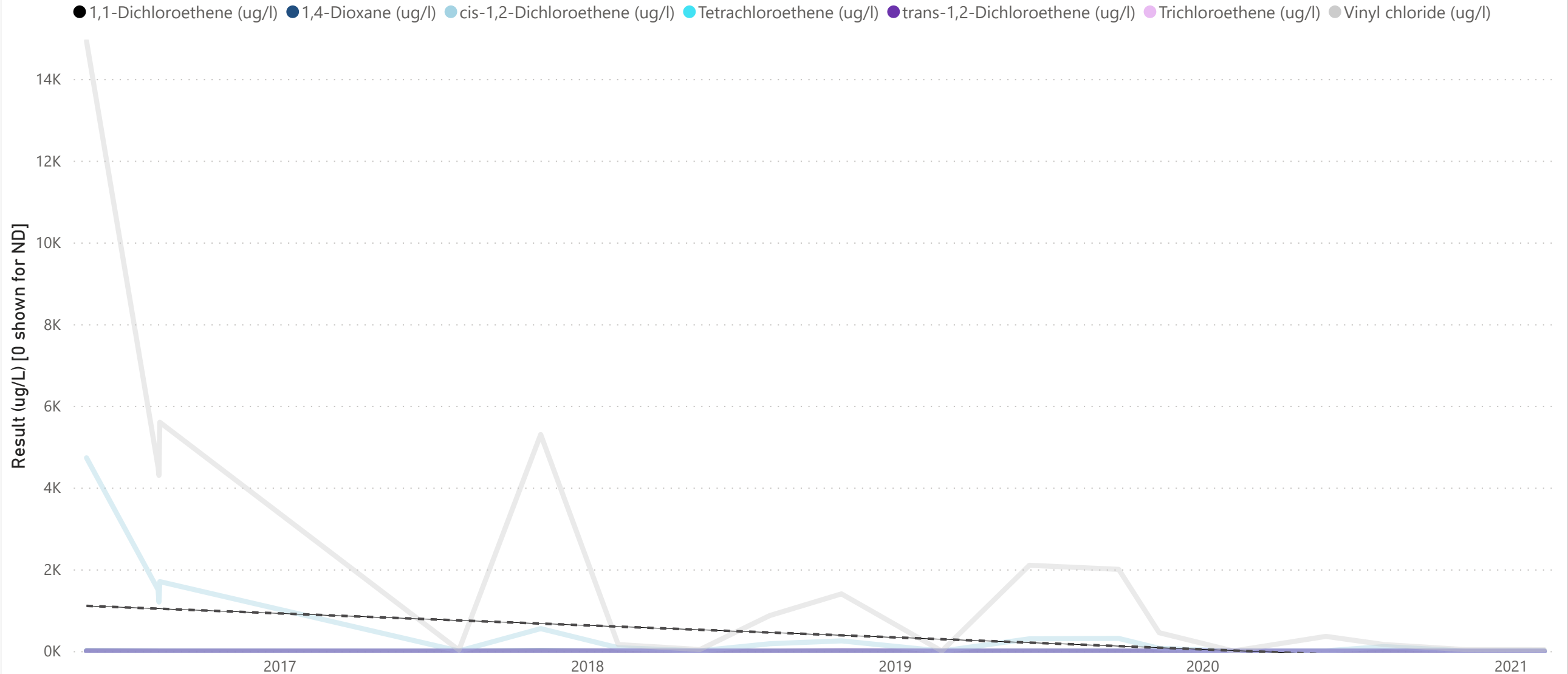
Multiple selections

Select to Update Graph:

Location

PW-16-01

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Select to Update Graph:

Constituent

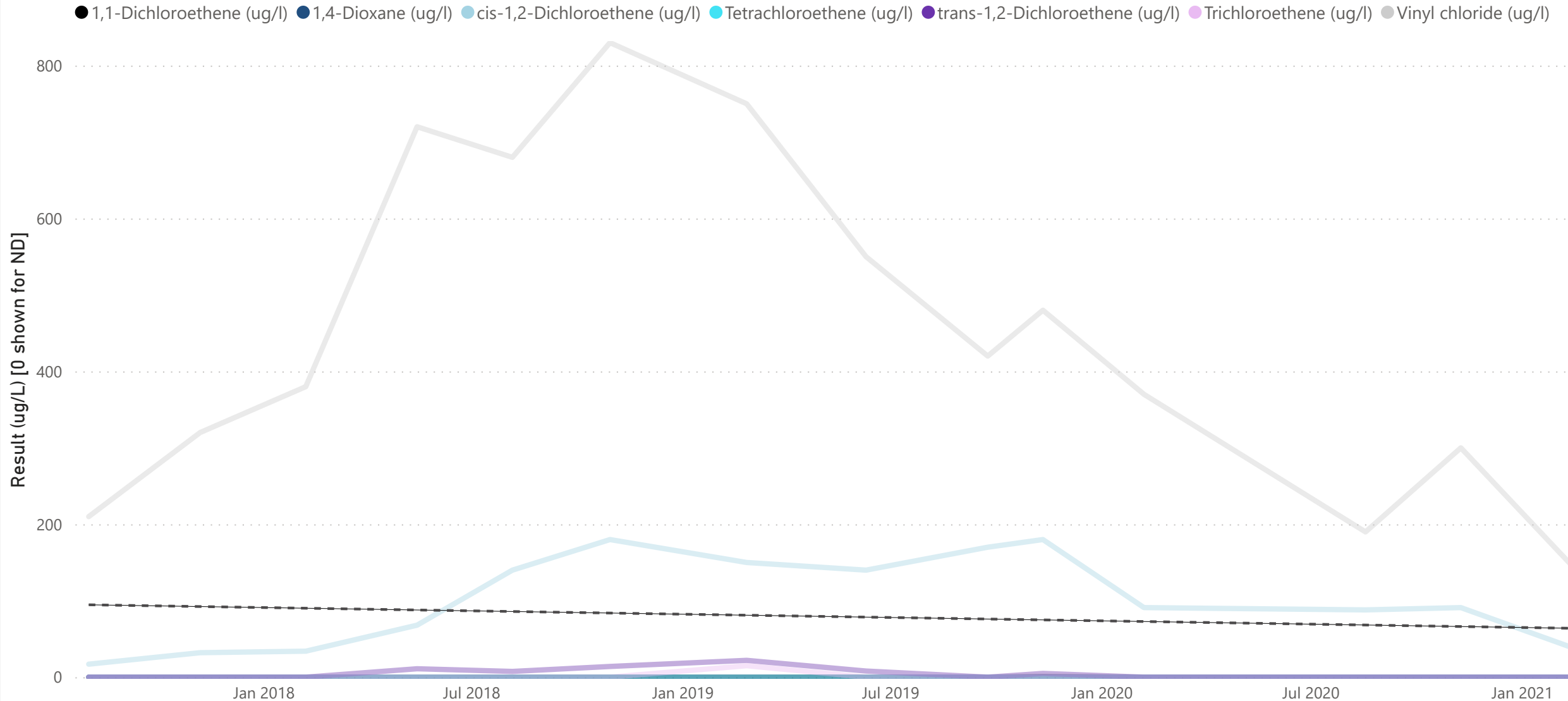
Multiple selections

Select to Update Graph:

Location

TW-16-01

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Select to Update Graph:

Constituent

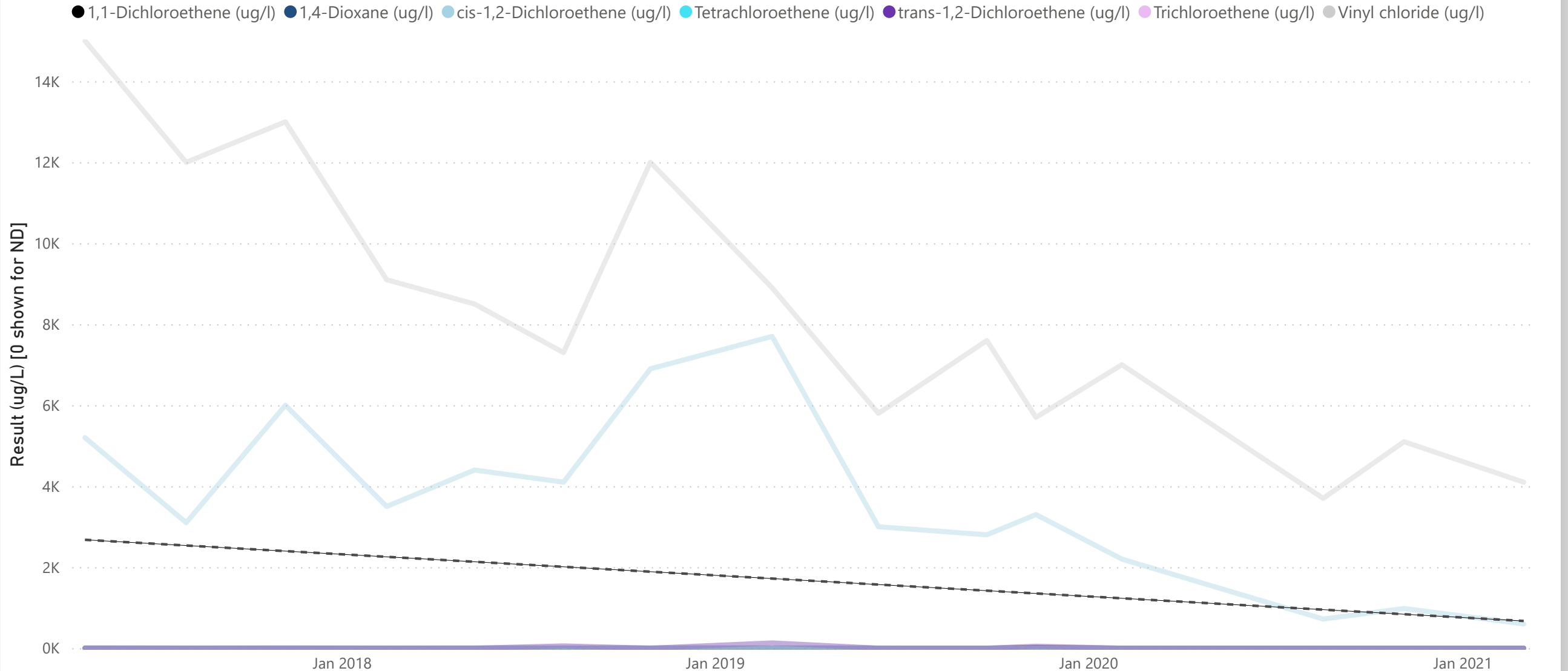
Multiple selections

Select to Update Graph:

Location

TW-16-02

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Attachment 3

PW-16-02 Analytical Trend Comparison

Select to Update Graph:

Constituent

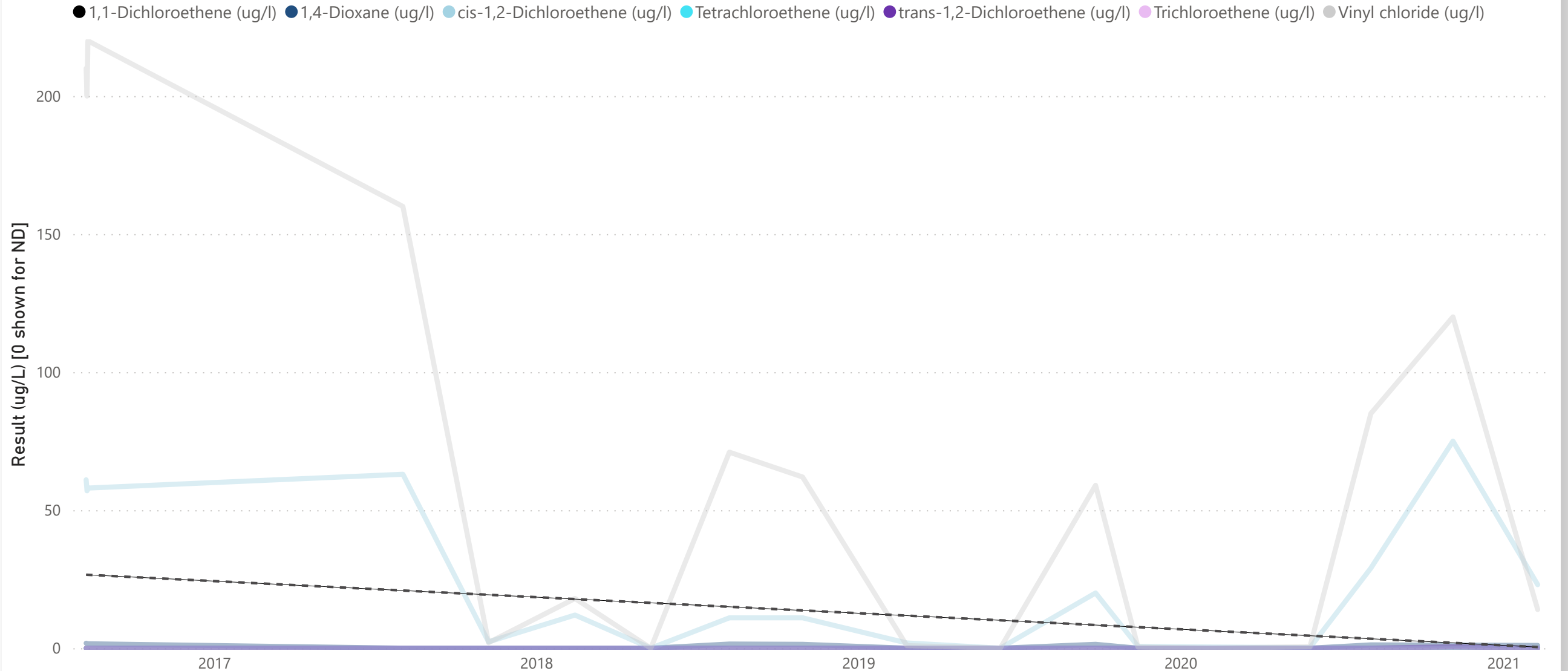
Multiple selections

Select to Update Graph:

Location

PW-16-02

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

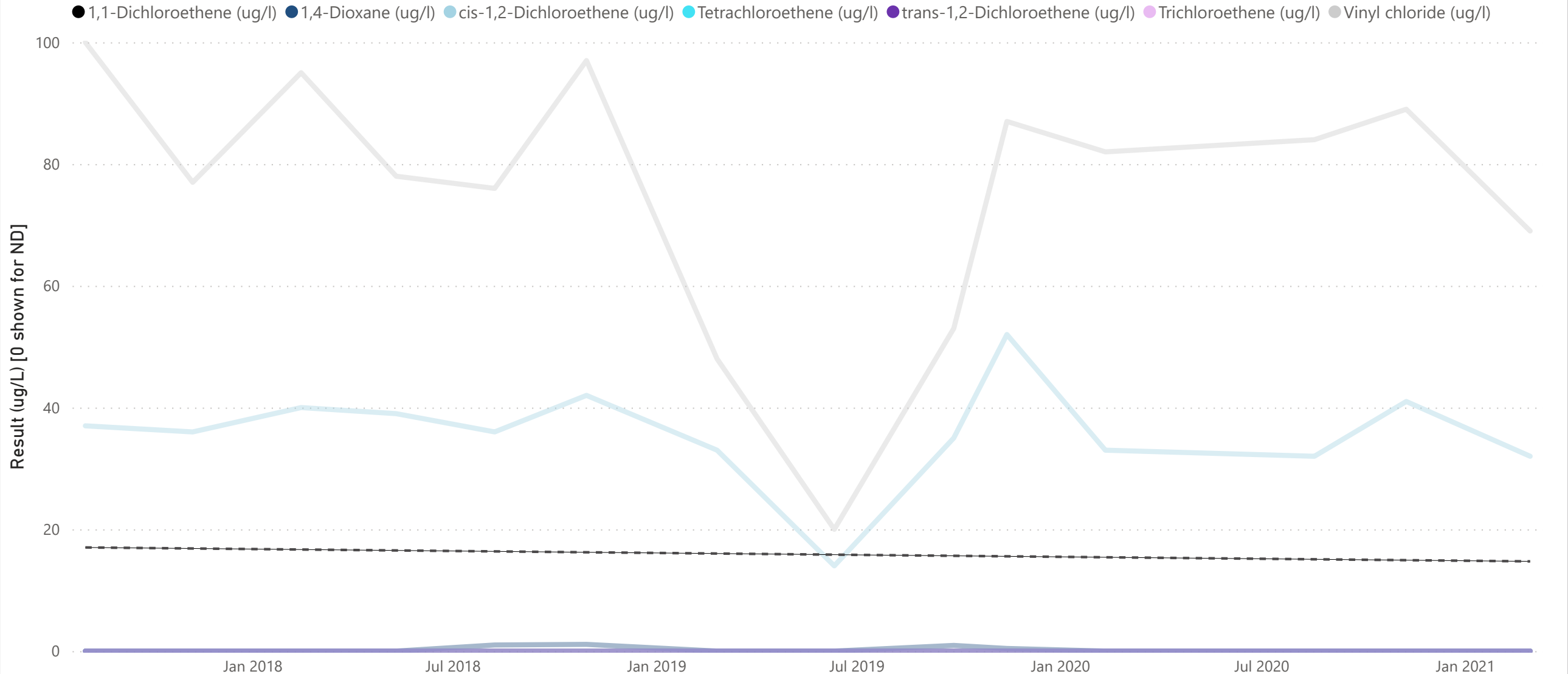
Select to Update Graph:

Constituent
Multiple selections

Select to Update Graph:

Location
TW-16-03

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.

Select to Update Graph:

Constituent

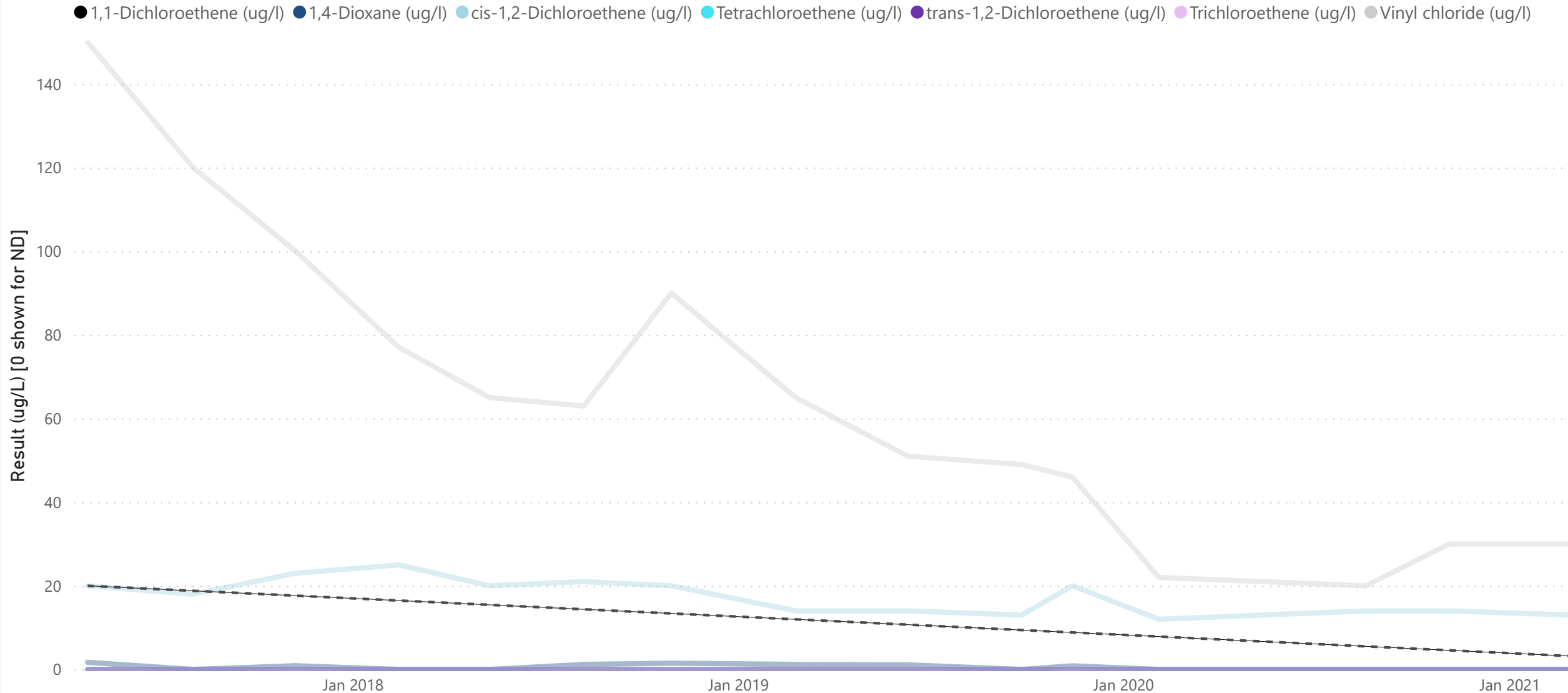
Multiple selections

Select to Update Graph:

Location

TW-16-04

Analytical Result (ug/L) with Trend Line by Location



Data below the reporting limit is displayed as zero. Dashed line displays observed trend for all analytes.