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November 2, 2021

VIA EMAIL

Mr. Edward D'Amato
Ohio EPA – Division of Environmental Response & Revitalization, Northeast District Office
2110 East Aurora Avenue
Twinsburg, Ohio 44087

RE: 2021 Annual Monitoring Results
Summit National Superfund Site
Deerfield, Ohio

Dear Mr. D'Amato:

On behalf of the Summit National Facility Trust (SNFT), transmitted herewith is one electronic copy of Eagon & Associates, Inc.'s (Eagon) report entitled: "2021 Annual Monitoring Results, Summit National Superfund Site." The report presents the results of sampling activities performed in April 2021. The sampling event included the collection of groundwater samples from nine Water Table Unit (WTU) monitoring wells, including two off-site sentinel wells, and four Upper Intermediate Unit (UIU) wells. All groundwater samples were analyzed for the annual Site-specific indicator parameter list (SSIPL) of volatile organic compounds (VOCs) specified in Eagon's January 2020 report for the April 2019 five-year groundwater monitoring event. The current SSIPL has been implemented for annual groundwater monitoring activities to be performed during 2020 through 2023.

In addition to the groundwater sampling activities completed during the event, Site-wide water levels were measured in all WTU and UIU monitoring wells and piezometers and potentiometric surface maps were prepared for each zone. A surface water sample was collected at the southeast corner of the Site at the confluence of the south and east drainage ditches. That sample was also analyzed for the SSIPL VOCs.

In accordance with Ohio EPA's July 2020 request, and SNFT's October 2020 response letter, surface water occurrence and movement were investigated during the April 2021 event in order to characterize any potential interaction of surface water and ground water along the southern and eastern property boundaries. Field measurements at several surface water points along the conveyance ditch near the eastern end of the Site were collected and evaluated. In general, surface water quality was determined to be markedly dissimilar to groundwater quality, indicating very limited groundwater discharge to surface water or vice versa.

The April 2021 annual monitoring results demonstrate that no maximum contaminant levels (MCLs) were exceeded in the off-site sentinel wells; therefore, no contingency measures are necessary. Shutdown of the pumping/treatment system has not resulted in the migration of contaminants to off-site areas and the resumption of active groundwater extraction operations is

not warranted. No changes are proposed for the monitoring program based on the April 2021 results and annual monitoring activities should continue for 2022.

The next annual shutdown performance monitoring event is tentatively scheduled for Spring 2022. The next five-year monitoring event is tentatively scheduled to occur in 2024.

Please call me at (614) 888-5760 if you have any questions regarding this submittal.

Sincerely,

Michael T. Gibson, CPG
SNSS Project Coordinator
Principal Hydrogeologist

encl.
cc: Mitchell Latta, RPM, U.S. EPA Region 5
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2021 ANNUAL MONITORING RESULTS
SUMMIT NATIONAL SUPERFUND SITE

Prepared for:

SUMMIT NATIONAL SUPERFUND SITE
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Deerfield, Ohio 44411

Prepared by:

EAGON & ASSOCIATES, INC.
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October 2021

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INTRODUCTION

This report presents the results from the April 2021 annual monitoring event performed at the Summit National Superfund Site (SNSS; Site) in Deerfield, Ohio. The sampling event was completed April 12-13 and 21, 2021 by personnel from Eagon and Associates, Inc. (Eagon). Laboratory analyses of the samples from the event were performed by Eurofins-Test America of North Canton, Ohio (Eurofins).

The April 2021 sampling event included the collection of groundwater samples from the 13 monitoring wells that comprise the annual monitoring network for the Site. All samples were analyzed for the monitoring program's site-specific indicator parameter list (SSIPL) specified in Eagon's January 2020 report for the April 2019 five-year monitoring event. The SSIPL is based on results from the Site's five-year monitoring events that are evaluated to determine the appropriate list for the subsequent annual monitoring events between the five-year events. Results from those interim annual monitoring events are reviewed for significant changes at the 13 wells designated for annual monitoring. The appropriateness of continued shutdown of the groundwater extraction system is also evaluated as part of the annual monitoring events.

A surface-water sample was collected at the confluence of surface-water conveyances along the south and east boundaries of the Site and was analyzed for SSIPL VOCs. In addition, an evaluation of potential groundwater to surface water interaction in the eastern and southern conveyances was performed to address Ohio EPA's July 1, 2020 letter to the Summit National Facility Trust (D'Amato-OEPA to Gibson-Eagon) and the facility's October 26, 2020 response to those comments (Gibson-Eagon to D'Amato-OEPA).

In accordance with the May 1, 1991 Consent Decree and the Scope of Work developed by U.S. EPA, and ongoing oversight by Ohio EPA, the results from the April 2021 sampling event have been evaluated to identify any SSIPL VOC concentrations above maximum contaminant limits (MCLs) in off-site WTU "sentinel" wells MW-114 and MW-115. In addition, an evaluation of hydraulic monitoring results collected during the event is presented herein. A base map showing

the locations of all monitoring wells, piezometers, and the routine surface-water sampling point is shown on Figure 1.

FIELD ACTIVITIES

Water-Level and Total Well-Depth Measurements

Static water levels were measured at all WTU and Upper Intermediate Unit (UIU) groundwater monitoring wells and piezometers on April 12, 2021, prior to initiating purging and sampling activities at any of the annual monitoring wells. The total depths of each monitoring well to be sampled during the event also were measured at that time. Water-level measurements were collected and total depth measurements were sounded using a portable electric tape and were recorded to the nearest 0.01 foot (Table 1).

Purging and Sampling of Monitoring Wells

Monitoring well purging and sampling methods utilized during the event were in accordance with the March 8, 2021 submittal to Ohio EPA regarding "Revised Groundwater Sampling Procedures" (Gibson-Eagon to D'Amato-OEPA)." SNFT was notified of Ohio EPA's and U.S. EPA's concurrence with the revised procedures via email (D'Amato to Gibson) on April 6, 2021. The revised procedures were prepared in accordance with Ohio EPA's July 1, 2020 comments and SNFT's October 26, 2020 responses and updated Section 12.4.3.3 of the facility's Quality Assurance Project Plan to provide for the use of low-flow sampling methods.

Prior to sampling, at wells with sufficient recharge rates, wells were purged at low-flow rates (100-500 ml/min) until water levels and water-quality parameters stabilized. Low-yielding wells were purged after the volume of water in the pump and discharge tubing was purged from the well. The monitoring wells were purged using non-dedicated QED-brand, Sample-Pro™ stainless-steel submersible bladder pumps equipped with dedicated, disposable bladders. Prior to purging, the pumps were lowered to the middle of the well screen at each well using dedicated air-line and discharge tubing. The specific methods and procedures used at each well, including low-

flow (LF) and minimum purge (MP) techniques, are recorded on the Field Information Forms (FIFs) included in Appendix A.

Temperature, pH, and specific conductance were measured at three-to-five-minute intervals during low-flow purging to monitor water levels and chemical stabilization of the purge water prior to sample collection. At low-yielding wells MW-209 and MW-220, the measurements were collected immediately after evacuating the pump and tubing volumes. Field turbidity was measured at the time of sample collection. All field measurements were recorded on the respective FIFs in Appendix A. Samples for laboratory analysis were collected immediately following purging and full sample sets were collected from each well.

Following purging and sample collection, the non-dedicated stainless-steel bladder pumps were thoroughly decontaminated and the bladder was replaced before use at each well. Once sampling was completed, the dedicated discharge tubing and airline were placed back into the wells for storage between events.

Surface Water Sampling

The surface-water sample ("S&E Ditch") was collected near the confluence of the south and east ditches near monitoring well MW-113 (Figure 1). The sample was collected by directly filling the sample bottles using a trickle-fill technique ensuring that the sample was not agitated and that no preservative was flushed from the bottles.

In accordance with Ohio EPA's July 2020 comments and SNFT's October 2020 responses, the surface water conveyances along the eastern and southern end of the site were observed for flow and field measurements of available water were collected for pH, temperature, specific conductance, turbidity, and oxidation-reduction potential. Coordinates for each of the five locations (SW-1 through SW-5) were obtained using a hand-held GPS device and are discussed later herein.

Decontamination Procedures

Equipment decontamination procedures were employed to prevent cross-contamination of sample water between wells. The water-level tape used to measure water levels and well depths was wiped down with a paper towel soaked with a phosphate-free detergent (Liquinox) solution, then thoroughly rinsed with distilled or deionized water between wells. The stainless-steel sampling pumps also were washed with a Liquinox solution, thoroughly rinsed with distilled or deionized water, and then wiped dry with a clean paper towel. The pump bladders were disposed of and replaced with new bladders after each well.

Sample Control and Analysis

Sample containers filled at each sample point were labeled and placed in coolers with bags of ice prior to shipment. Coolers were hand-delivered to Eurofins TestAmerica Canton's laboratory in North Canton, Ohio. Each cooler contained a chain-of-custody (COC) record that included sample identifications, dates and times of sample collection, and the requested analyses. Copies of the COCs from the April 2021 event are included within the laboratory analytical reports presented in Appendices A and B. All groundwater and surface water samples were submitted to the laboratory to be analyzed for the Site's SSIPL VOCs.

The initial samples from wells MW-4 and MW-109 inadvertently were omitted from the rest of the April 12-13, 2021 samples delivered to the laboratory and were not analyzed. The two wells were resampled on April 21, 2021 and the analytical results for those samples are included in Appendix A.

DATA VALIDATION

Data validation completed for the laboratory analytical results for the groundwater and S&E Ditch samples is presented in Appendix C. The groundwater analytical data were reviewed using an abbreviated approach based on procedures contained in the "U.S. EPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data

Review" (June 2008) and the "U.S. EPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review" (January 2010). None of the groundwater or surface-water data were rejected and the data validation confirmed that the data are suitable for use in support of the goals and objectives of the monitoring program.

GROUNDWATER QUALITY MONITORING RESULTS

Objectives

The objectives of the annual groundwater monitoring program for the Summit National Superfund Site are to characterize any changes in groundwater quality in the WTU and UIU underlying the interior affected area of the Site and in the sentinel wells downgradient of the Site. The April 2021 results from the sentinel wells were evaluated using the extraction system shutdown contingency criteria established for the Site in 2010, as follows:

> *"If VOCs above their respective maximum contaminant levels (MCLs) are detected in the Sentinel wells (off-site downgradient WTU monitoring wells MW-114 and MW-115), [Summit National Facility Trust] will evaluate options to mitigate the release (e.g., restart the groundwater extraction system, implement in-situ chemical oxidation (ISCO) to treat the released groundwater, phytoremediation, etc.). The Sentinel wells are located 70 to 80 feet south of the southern property boundary and wet well of the pipe and media drain. During pumping of groundwater from the pipe and media drain, the WTU zone of groundwater capture extends 100 to 200 feet south of the pipe and media drain at the wet well. In this case, off-site downgradient WTU monitoring wells MW-116, MW-117 and MW-118 (approximately 230 feet south of the southern property boundary) will be used to verify whether there is any long-term impact to the groundwater south of the Site and outside the influence of the pipe and media drain."*

Analytical Results

The laboratory analytical report for the groundwater monitoring event is presented in Appendix A. Historic groundwater analytical results for the WTU and UIU wells are displayed graphically on time-series plots presented in Appendix D. Electronic database files containing all historic results are maintained by Eagon & Associates, Inc. and are available upon request.

Summaries of SSIPL VOC results for the WTU and UIU annual event monitoring wells in 2004, prior to system shutdown, and since the beginning of the annual monitoring schedule in 2009 are presented in Appendix E.

Evaluation of the Sentinel Well Results

The April 2021 SSIPL results for the WTU sentinel wells (MW-114 and MW-115) are summarized on Table 2 and the historical results are displayed graphically in Appendix D. No new quantified detections of SSIPL VOCs were identified in these wells during the event and the results were consistent with recent historical observations. Table 3 shows the April 2021 SSIPL detections at the sentinel wells with comparisons to MCLs, where applicable. No VOCs were detected at sentinel well MW-114 and no MCLs were approached or exceeded at well MW-115; therefore, the April 2021 results for the off-site sentinel wells MW-114 and MW-115 confirm that the Site continues to achieve the objective of on-site containment of waste-derived constituents.

Trends in Water Quality

Table 2 summarizes the groundwater sampling results for the April 2021 sampling event and presents both the quantified results and estimated detections below the PQL for the SSIPL VOCs. The historical water-quality data collected at the Site, along with results from the April 2021 annual sampling event, are shown on time-series plots presented in Appendix D for each WTU and UIU well in the annual monitoring program. Estimated results are included on the time-series plots without differentiation. The 2021 results were reviewed relative to historical results and a discussion of notable observations is presented below.

WTU On-Site Wells (MW-11, MW-107, MW-108, MW-111, and MW-113)

MW-11: Results at this interior well were consistent with recent historical results, with concentrations of several constituents such as 1,1,1-Trichloroethane and 1,2-Dichloroethane remaining at or near historic lows. In addition, the results for most constituents were within the lower range historical observations at the well. The change in sampling method from volumetric to low flow for 2021 may be a factor for year-over increases of many results (e.g., Trichloroethene) compared to 2020 and that potential variable will continue to be evaluated during future events. In April 2021, quantified detections were reported for 1,1,1-Trichloroethane, 1,1-Dichloroethane, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, Trichloroethene, and Vinyl Chloride (Table 2).

MW-107: In general, groundwater quality conditions at MW-107 continue to display notable improvement since 2004. Concentrations for several of the routinely detected constituents, including 1,1,1-Trichloroethane, 1,1-Dichloroethane, 1,2-Dichloroethane, cis-1,2-Dichloroethene (nondetect) and Vinyl Chloride (nondetect), at this interior well remain at or near their all-time or post-shutdown historical lows. In addition, Chloroethane concentrations continue to decrease from the high observed in 2019. Concentrations of the petroleum-related constituents Ethylbenzene and Xylenes increased somewhat in 2021, with Ethylbenzene reaching its highest concentration observed to-date. MW-107 routinely displays the highest concentrations of Ethylbenzene and Xylenes observed in monitoring wells at the Site and, with the marked or sustained improvement observed for most other constituents for 2021, the 2021 results are not considered an indication of a significant change. For the April 2021 event, quantified detections were reported for 1,1-Dichloroethane,

1,2-Dicloroethane, Benzene, Chlorobenzene, Chloroethane, Ethylbenzene, Toluene, and Xylenes.

MW-108: MW-108 continues to show overall improving or stabilizing conditions since as early as 2003 for some constituents with most improving since 2011. Some quantified detections in April 2020 and 2021 were near or below recent lows going back as far as 2006; e.g., 1,1,1-Trichloroethane and Trichloroethene. Concentrations of 1,2-Dichloroethane, Benzene, cis-1,2-Dichloroethene, and trans-1,2-Dichloroethene continue to be at or near their lows since 2011. In 2021, quantified detections were reported for 1,1,1-Trichloroethane, 1,1-Dichloroethane, 1,2-Dichloroethane, Benzene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, Trichloroethene, and Vinyl Chloride.

MW-111: Four of the five constituents with quantified detections during the 2021 event, 1,1-Dichloroethane, 1,2-Dichloroethane, Chloroethane, and cis-1,2-Dichloroethane, were within the range of historical concentrations observed at this interior well with relatively stable or decreasing concentration trends observed since as far back as 1999 in some cases. The fifth constituent, Vinyl Chloride, had a reported concentration of 11 ug/L, which is the highest concentration that has been observed at the well. The presence of Vinyl Chloride has limited persistence in shallow groundwater environments and indicates that beneficial degradation of more complex ethene compounds is occurring. Concentrations of parent compounds cis-1,2-Dichloroethene (7.4 ug/L), trans-1,2-Dichloroethane (0.24J ug/L), and Trichloroethene (0.15J ug/L) remained low for the event and, therefore, do not indicate a significant change has occurred at the well. Similar to MW-11 discussed above, the change in sampling method from volumetric to low flow for 2021 may be a factor for the year-over increase of Vinyl Chloride compared to 2020 (7.3 ug/L) and that potential variable will continue to be evaluated during future events.

MW-113: No quantified SSIPL VOC detections were observed in MW-113 during the event, which is consistent with historical results.

WTU Off-Site Wells (MW-4, MW-109, MW-114, and MW-115)

No quantified detections were reported for any SSIPL compounds in three of the four off-Site WTU wells sampled during the event, including off-site wells MW-4 and MW-109 and sentinel well MW-114. Consistent with historical results, sentinel well MW-115 displayed two low-level quantified detections of 1,1-Dichloroethane (1.3 ug/L) and cis-1,2-Dichloroethene (4.3 ug/L) during the 2021 event. Neither result approached or exceeded their respective MCLs of 5 ug/L and 70 ug/L and concentrations of both constituents have steadily declined over time.

UIU On-Site Wells (MW-207 and MW-224)

No quantified detections were reported for any SSIPL compounds in the two on-Site UIU wells sampled in April 2021, which is consistent with previous monitoring results.

UIU Off-Site Wells (MW-209 and MW-220)

No quantified detections were reported for any SSIPL compounds in the two off-Site UIU wells, MW-209 and MW-220, sampled during the event.

HYDRAULIC MONITORING

Groundwater levels in the WTU and UIU monitoring wells and piezometers at the Site were measured on April 12, 2021 and are presented on Table 1. The water-level measurements were converted to groundwater elevations and the results were used to construct potentiometric surface maps for the WTU and UIU, which are presented on Figures 2 and 3, respectively. Hydrographs also were prepared for each monitoring well and piezometer in the WTU and are

presented on Figure 4 (On-Site Wells) and Figure 5 (Off-Site Wells). Figure 6 presents hydrographs for all monitoring wells and piezometers in the UIU.

The groundwater elevation contours generated from the April 2021 hydraulic monitoring data demonstrate that the direction of groundwater flow was predominantly southeasterly in the WTU, consistent with past observations. Groundwater flow in the UIU was predominantly toward the east, with southeasterly or northeasterly flow components in some areas, and is consistent with both the post-shutdown and the pre-shutdown groundwater flow conditions in this unit.

The hydrographs on Figures 4, 5, and 6 show that 2021 groundwater levels were slightly lower compared to 2020 and continue to verify that rising water-level trends observed after system shutdown in 2005 have stabilized in both the WTU and UIU. Water-level elevations during the event ranged from approximately 1075 to 1100 ft-MSL in the WTU and 1075 to 1097 ft-MSL in the UIU.

EXTRACTION SYSTEM SHUTDOWN EVALUATION

In the 2004 10-year groundwater evaluation (CRA, March 16, 2005), the Summit National Facility Trust (SNFT) requested permission to suspend operation of the groundwater extraction system. The request was based on the stability of on-site groundwater contaminant concentrations and the absence of an indication of adverse impacts to off-site groundwater in any of the groundwater units; including before any remedial action at the Site and during the 11 years of active groundwater pumping operations. On June 10, 2005, a "Work Plan for Groundwater Migration Evaluation" was submitted to Ohio EPA that included post-shutdown evaluation monitoring. The Work Plan was approved by Ohio EPA on July 18, 2005. On August 31, 2005, the groundwater extraction and treatment system was shut down, which commenced the shutdown evaluation period.

Semiannual post-shutdown groundwater monitoring was conducted at the Site from February 2006 through November 2008. Since the system shutdown in 2005, site-wide five-year monitoring events were completed in 2009, 2014 and 2019 and annual SSIPL events were

performed in 2010 through 2013, 2015 through 2018, 2020 and 2021. All post-shutdown monitoring, including the April 2021 sampling results presented herein, have demonstrated that the cessation of pumping operations in 2005 has not resulted in detrimental impacts to groundwater quality off-site. Appendix E presents a summary of the detected SSIPL VOC concentrations for the annual shutdown evaluation period through April 2021 in the WTU and UIU, respectively.

Except for the anticipated increase in groundwater levels in the vicinity of the pipe and media drain after shutdown of the groundwater extraction system in August 2005, no significant changes in groundwater flow conditions have been observed at the Site since system shutdown.

SURFACE WATER MONITORING

A summary of the results for the S&E Ditch surface-water sample is presented on Table 4. The laboratory analytical data report for the surface-water analyses are provided in Appendix B.

One VOC, cis-1,2-Dichloroethene (1.8 ug/L), was detected at very low levels and only slightly above its PQL of 1.0 ug/L. No other VOCs were present at concentrations at or above their respective PQLs in the April 2021 surface-water sample. Time-series concentration plots for VOCs detected in the surface water since 1996 are presented in Appendix F. Based on the results of the April 2021 sampling event, there are no significant impacts to surface-water quality as the result of the Site.

In addition to the routine S&E ditch sampling and in response to Ohio EPA' July 2020 request and SNFT's October 2020 response, during the April 2021 sampling event, surface water points in the conveyance ditches along the southern and eastern parts of the Site where discernible flow was observed were to be evaluated for potential groundwater-surface water interactions. Although no surface water was present in the southern ditch and no discernible flow was observed in the eastern ditch, where standing water occurs as a backwater of the mining pond southeast of the Site (Figure 1), five surface water locations in the east ditch were field-characterized during the event. The coordinates for each survey point were determined in the field using a hand-held GPS unit and the locations are shown on Figure 7. The map also shows groundwater-level

elevations in the WTU wells measured on April 12, 2021. Surface water elevations could not be accurately estimated in the field to the level of accuracy necessary for comparison to groundwater in the WTU. It is noted that no seeps or springs were observed in the vicinity of the ditches. Water at each of the five surface water locations was measured for pH, specific conductance, temperature, and oxidation-reduction potential (ORP).

The surface water field measurements collected during the event are presented in Table 5, along with the minimum, maximum, and average values observed in groundwater during the event. Overall, surface water conditions were found to be significantly divergent from groundwater. Surface water was warmer than groundwater by an average of 5.1 degrees Celsius; less mineralized with an average specific conductivity of 929 uS/cm versus 2,514 uS/cm for groundwater; more oxygenated with an average D.O. of 9.34 mg/L versus 0.23 mg/L; slightly more acidic with an average pH of 6.11 S.U. versus an average of 6.35 S.U. for groundwater; and displayed ORP values averaging +113 mV compared to +3.0 mV for groundwater.

Based on the supplemental surface water investigation, there is no indication of significant groundwater contributions to surface water along the south and east surface water conveyances. It is reasonable to assume that limited groundwater discharge occurs from the WTU to surface water along the eastern part of the Site; however, no discrete discharge points were identified and the absence of observable surface water flow in the east ditch also support the conclusion that any groundwater discharge that may be occurring is minor. No groundwater-surface water exchange occurs along the south ditch, which was dry during the event.

INSTITUTIONAL CONTROLS – ANNUAL CERTIFICATION

Based on a review of the results from the 2021 annual groundwater monitoring event, the components of the required Institutional Controls (ICs) continue to operate as intended. To monitor the effectiveness of the Site's ICs., SNFT inspections at the Site have been conducted on a quarterly basis since October 2013. On-site ICs pertain to monitoring use of land, groundwater, and surface water, along with the Site's remedial components. Inspections, including observations regarding changes in land use, surface-water or groundwater use, or any inconsistent uses of the

property, are recorded on the Quarterly Institutional Controls Inspection Report and maintained on-site by the SNFT. No IC deficiencies were observed during the year.

Through submission of this report for the annual monitoring event completed in April 2021, the SNFT certifies that the Institutional Controls are in place and continue to be effective.

CONCLUSIONS

The monitoring results from the April 2021 monitoring event at the SNSS demonstrate that there continues to be no indication of detrimental off-site migration of Site constituents, including since cessation of pump-and-treat operations in 2005. Correspondingly, evaluation of the 2010 performance criteria for continued shutdown of the groundwater extraction system shows that those conditions remain satisfied. No MCLs were exceeded in off-site sentinel wells; therefore, no contingency measures are necessary. The April 2021 monitoring results also support the continuation of the current groundwater monitoring approach for the Site.

The results for the routine surface-water sample collected at the confluence of the south and east ditches adjacent to the Site continue to show no actionable constituent concentrations. In addition, the results of a supplemental surface water investigation performed in response to Ohio EPA's July 2020 comments indicated limited interaction between the WTU and surface water along the eastern edge of the Site.

In accordance with the contingency actions defined for the Site, if future monitoring results indicate an MCL exceedance at one of the sentinel wells, the Summit National Facility Trust will coordinate with U.S. EPA and Ohio EPA to develop appropriate response measures, which could include additional groundwater sampling (e.g., wells farther downgradient), potential resumption of the operation of the pipe and media drain system, or alternate measures to address the potential that Site constituents may be migrating away from the Site.

MONITORING SCHEDULE

Based on the evaluation of the groundwater monitoring results from the April 2021 annual monitoring event, it is recommended that groundwater level and quality monitoring continue according to the schedule provided in the January 2020 report for the 2019 (five-year) monitoring event. Therefore, annual SSIPL monitoring is proposed for 2022, as follows:

April-May 2022: Shutdown Wells - SSIPL VOCs

The "shutdown wells" to be monitored through 2023 are as follows:

1. WTU Wells:
   - On-site wells: MW-11, MW-107, MW-108, MW-111, and MW-113
   - Off-site downgradient wells: MW-4, MW-109, MW-114, and MW-115
   - Note that MW-109 was added to the annual list of WTU wells in 2020 at Ohio EPA's request.

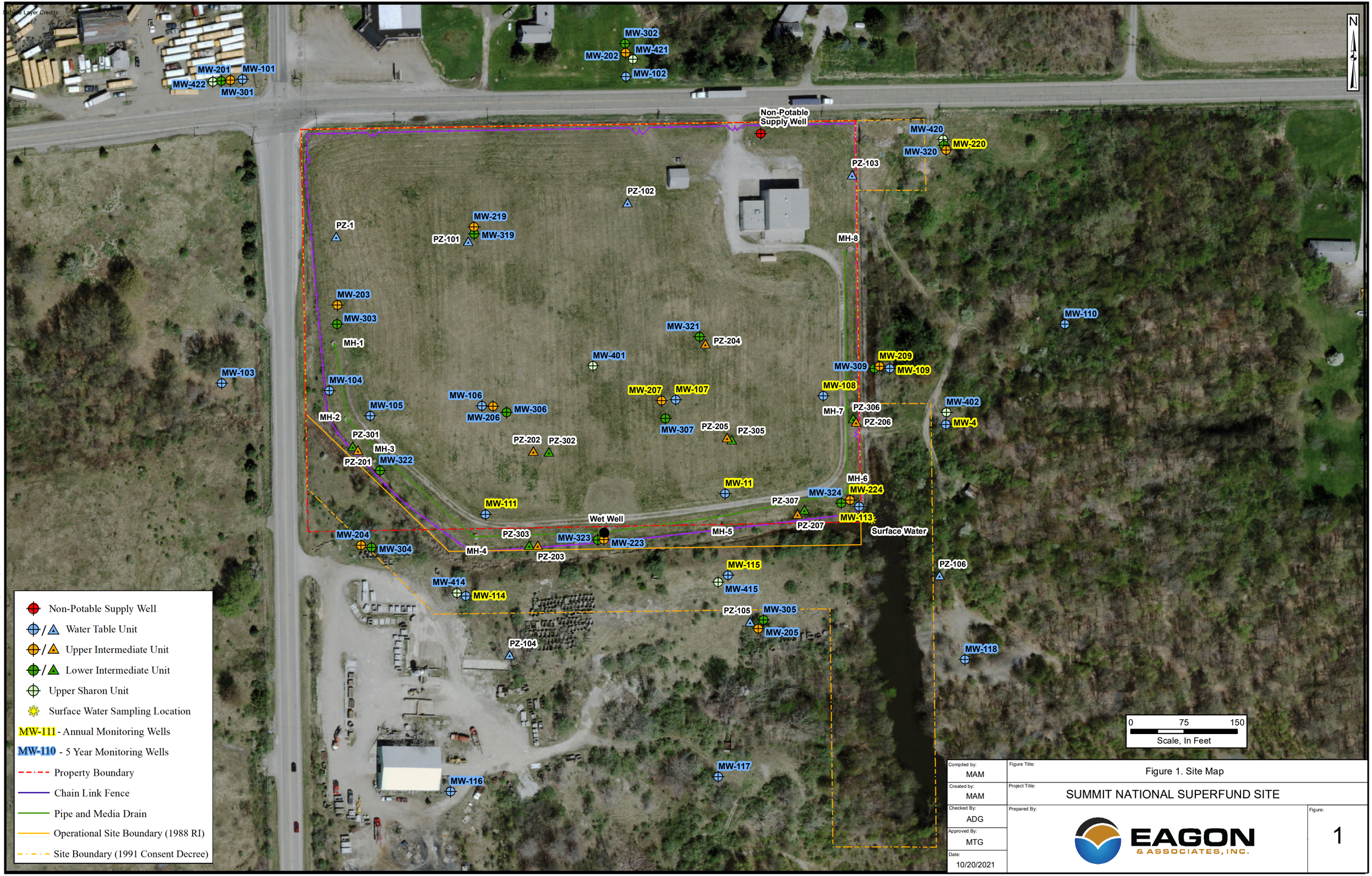
2. UIU Wells:
   - On-site wells: MW-207 and MW-224
   - Off-site downgradient wells: MW-209 and MW-220

In addition, surface-water samples will be collected near the confluence of the south and east drainage ditches. In response to Ohio EPA's suggestion in their July 2020 letter and the results of the one-time supplemental evaluation of surface water and groundwater relationships performed during the April 2021 event, no additional surface water monitoring is warranted at this time.

The next five-year event is tentatively scheduled for Spring 2024.

FIGURES

Sample Layer Credits:



Compiled by: MAM	Figure Title: Figure 1. Site Map
Created by: MAM	Project Title: SUMMIT NATIONAL SUPERFUND SITE
Checked By: ADG	Prepared By: EAGON & ASSOCIATES, INC.
Approved By: MTG	Figure: 1
Date: 10/20/2021	

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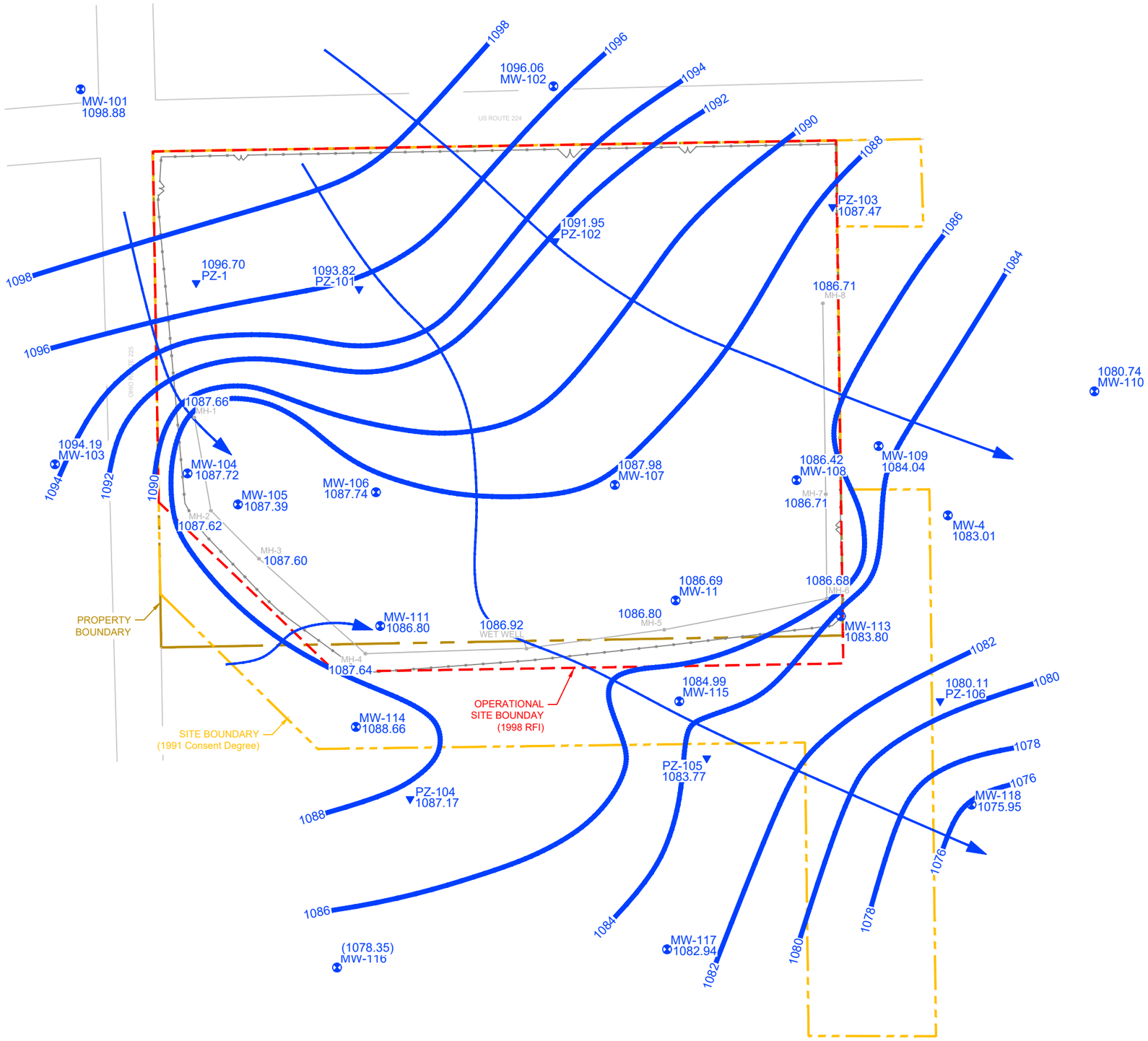

LEGEND

- MONITORING WELL
- PIEZOMETER
- MEDIA DRAIN MANHOLES
- 1090 GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION

SCALE IN FEET

0 125 250

COMPILED BY: ADG	FIGURE TITLE: POTENTIOMETRIC SURFACE OF THE WATER TABLE UNIT, APRIL 12, 2021
DRAFTED BY: MAM	PROJECT TITLE: SUMMIT NATIONAL SUPERFUND SITE
CHECKED BY: MTG	PREPARED BY: EAGON & ASSOCIATES, INC.
APPROVED BY: MTG	FIGURE NUMBER: 2
DATE: 9/17/2021	

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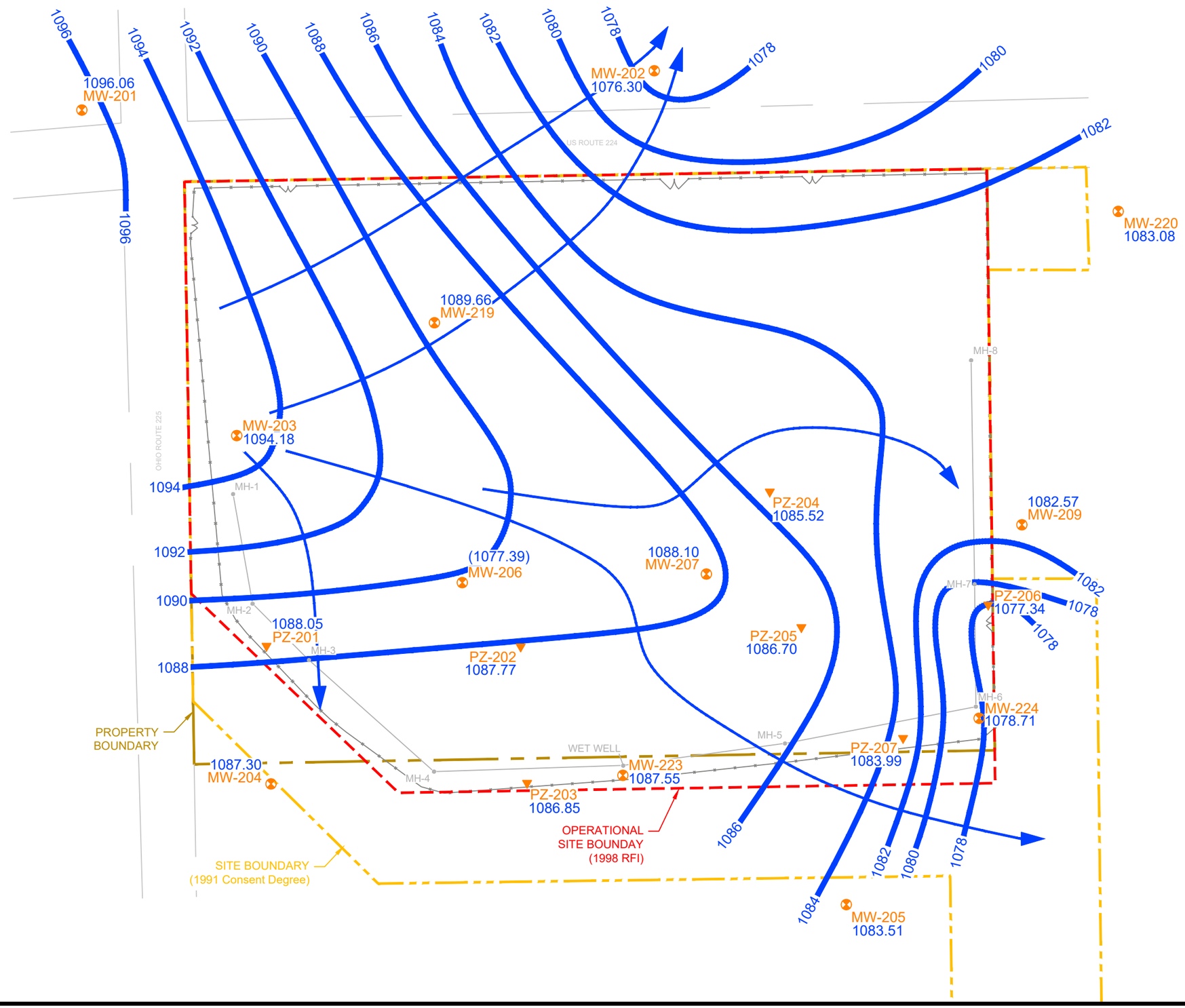


LEGEND

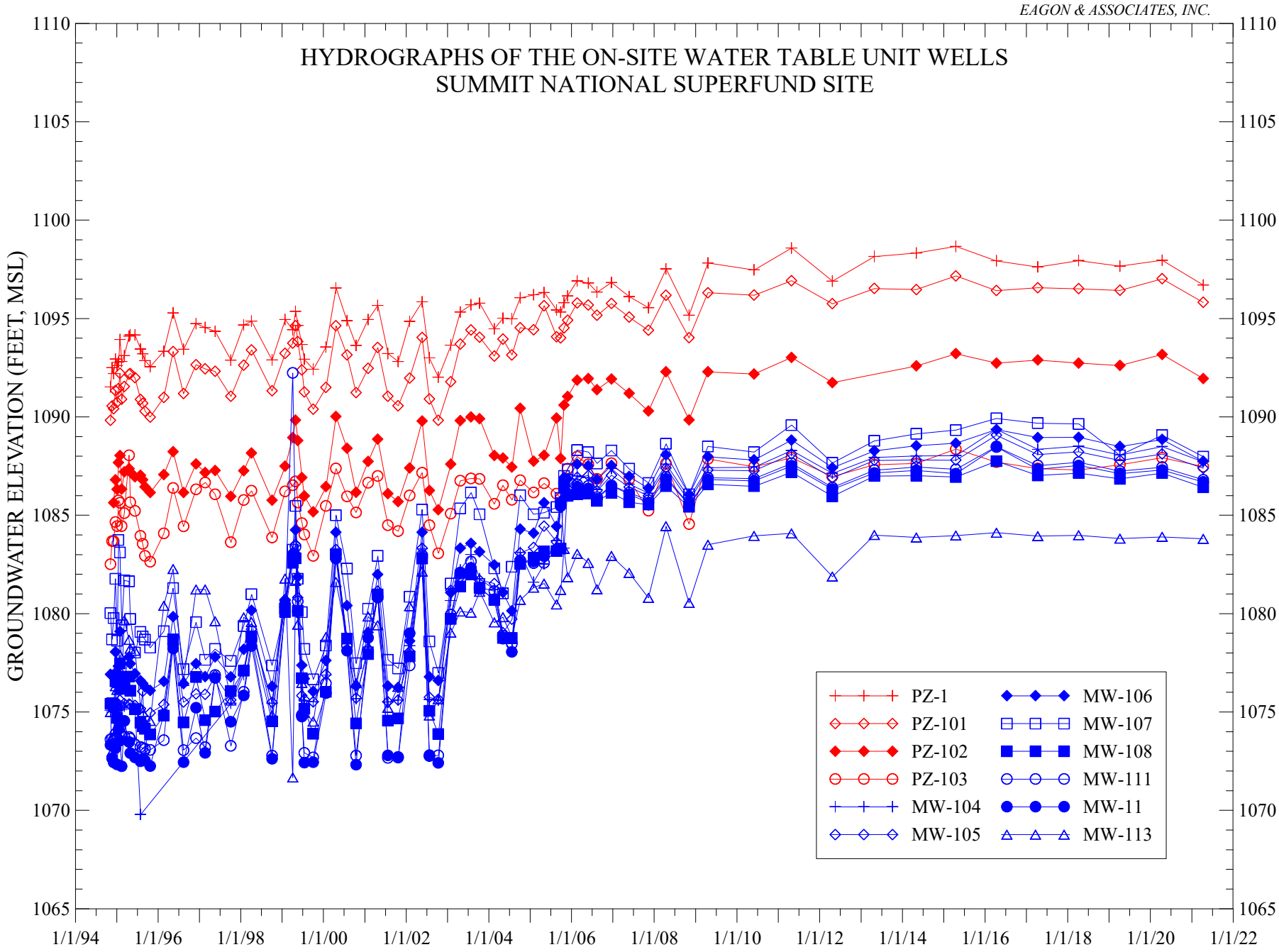
- MONITORING WELL
- PIEZOMETER
- MEDIA DRAIN MANHOLES
- 1090 — GROUNDWATER ELEVATION CONTOUR
- (1077.10) — WATER LEVEL NOT USED FOR CONTOURING
- GROUNDWATER FLOW DIRECTION

SCALE IN FEET

0 100 200

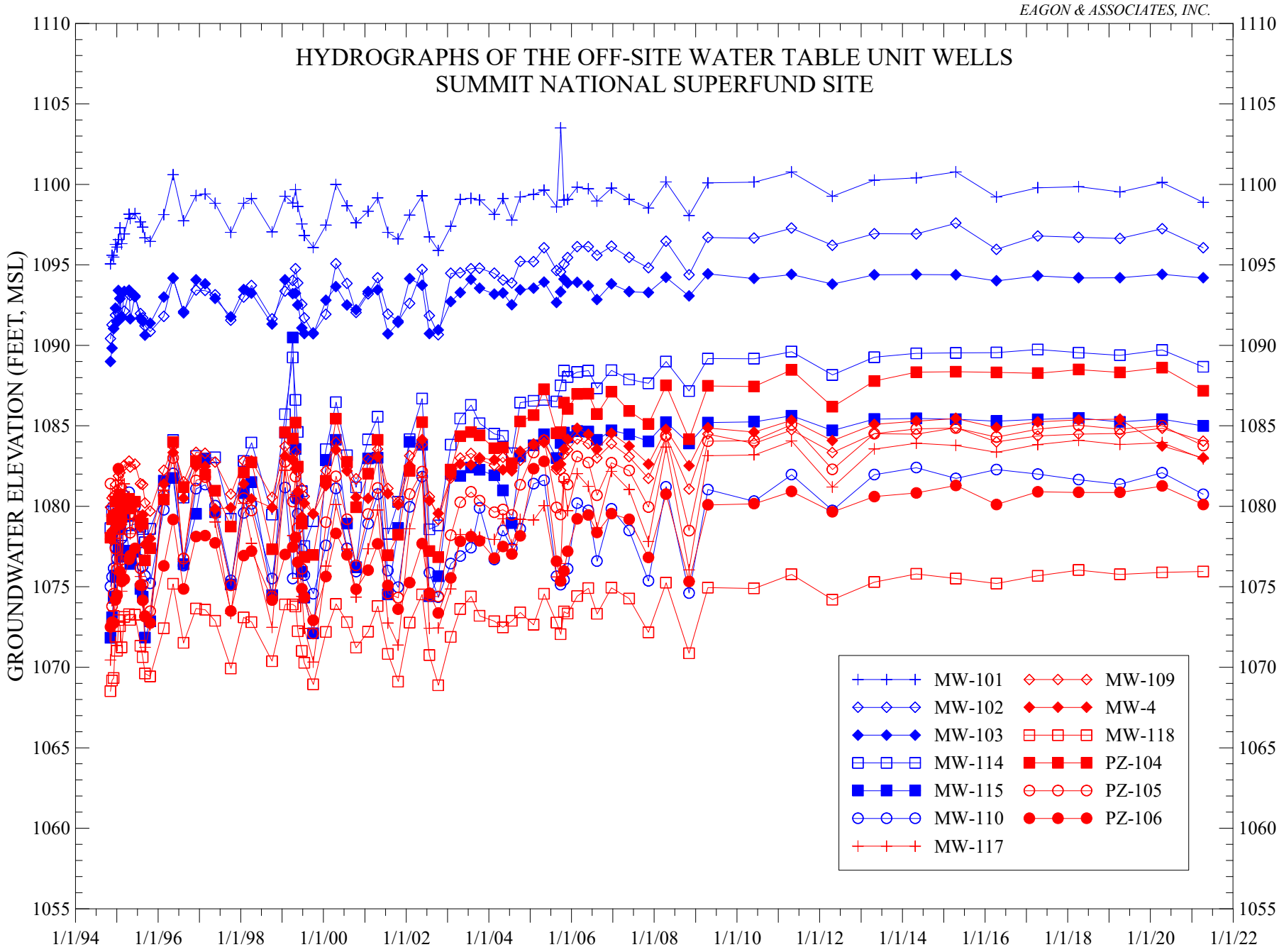
COMPILED BY: ADG	FIGURE TITLE: POTENTIOMETRIC SURFACE OF THE UPPER INTERMEDIATE UNIT, APRIL 12, 2021
DRAFTED BY: MAM	PROJECT TITLE: SUMMIT NATIONAL SUPERFUND SITE
CHECKED BY: MTG	PREPARED BY: EAGON & ASSOCIATES, INC.
APPROVED BY: MTG	FIGURE NUMBER: 3
DATE: 9/17/2021	

F:\AUTOCAD\XS\SUMMIT-NA\TIONAL\PSU\RF\SUMMIT-NA\TIONAL-PSU\RF-4-2021.DWG 6/8/2015



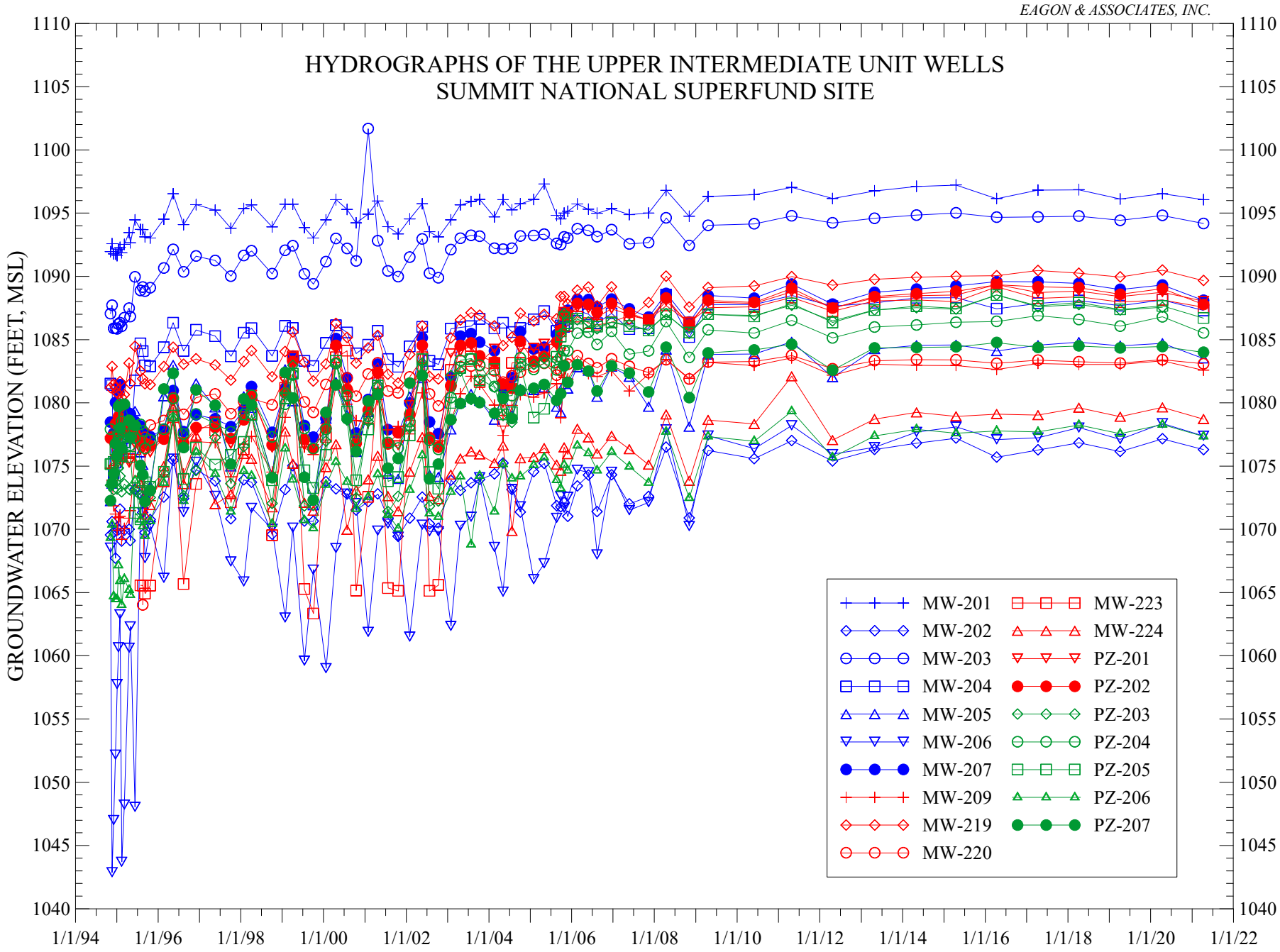
WTUhydsOnSite.GRF
9/2/21

FIGURE 4.



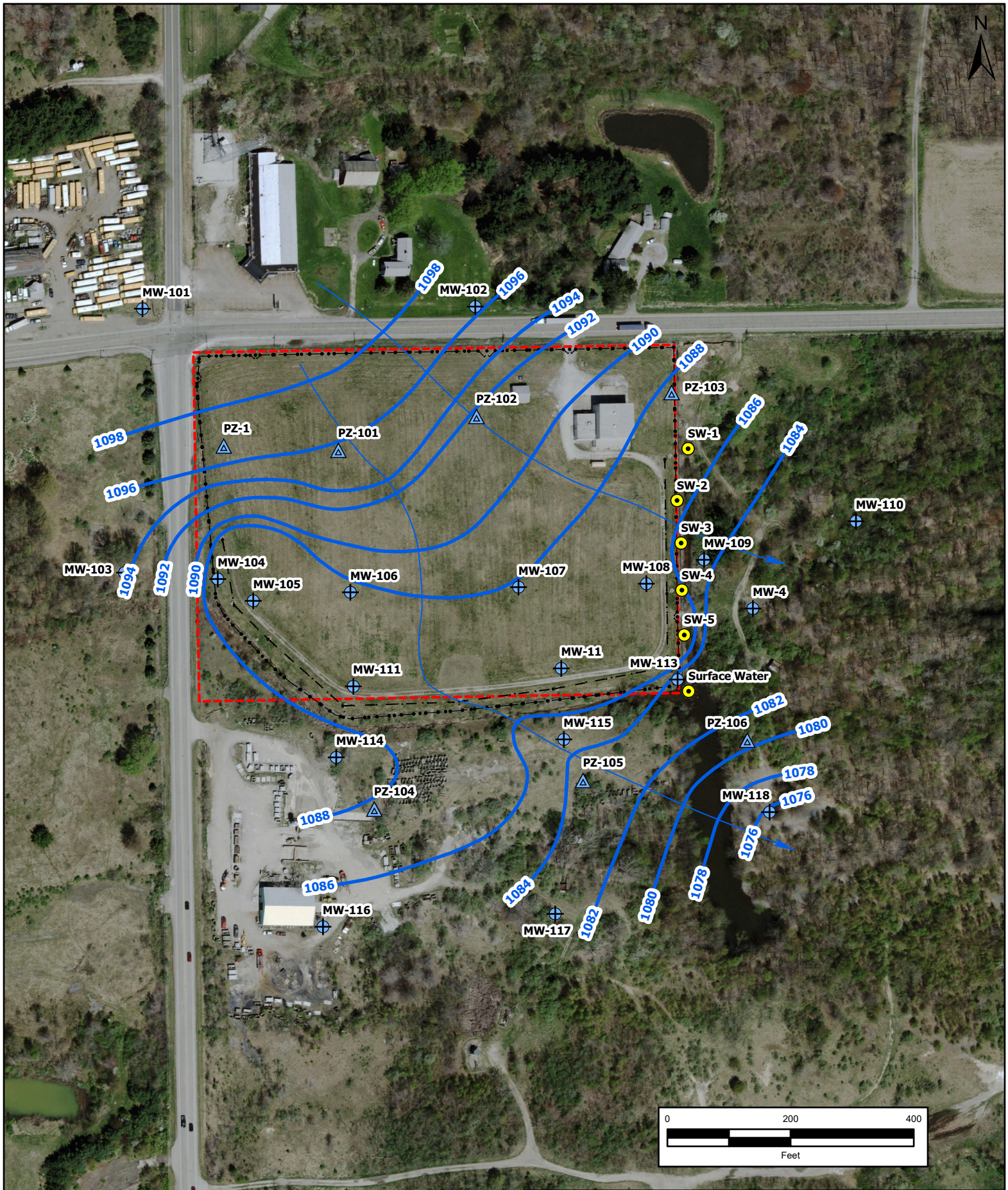
WTUhydsOffSite.GRF
9/2/21

FIGURE 5.



UIUhyds.GRF
9/2/21

FIGURE 6.



Monitoring Well
Piezometer
Surface Water
Potentiometric Surface Contour
Flow Arrow

Compiled By: MM	Title: Surface Water Survey Locations
Created By: MM	Project Title: SUMMIT NATIONAL SUPERFUND SITE
Checked By: AG	Prepared By: EAGON & ASSOCIATES, INC.
Approved By: AG	Figure Number: 7
Date: 9/24/2021	

Date Saved: 9/24/2021 9:32 AM

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TABLES

TABLE 1. SUMMARY OF WATER-LEVEL MEASUREMENTS
SUMMIT NATIONAL SUPERFUND SITE
APRIL 12, 2021

Well Number	Measuring Point Elevation (ft., MSL)	Time (24:00)	Depth to Water (feet)	Water Level Elevation (ft., MSL)	Total Well Depth (ft., TOC)
Water Table Unit (WTU) Monitoring Wells and Piezometers					
MW-4	1091.09	12:32	8.08	1083.01	24.57
MW-11	1095.93	10:13	9.24	1086.69	26.40
MW-101	1107.57	11:32	8.69	1098.88	--
MW-102	1100.17	12:16	4.11	1096.06	--
MW-103	1096.22	11:41	2.03	1094.19	--
MW-104	1099.81	10:41	12.09	1087.72	--
MW-105	1101.32	10:39	13.93	1087.39	--
MW-106	1102.88	11:03	15.14	1087.74	--
MW-107	1098.27	11:16	10.29	1087.98	31.00
MW-108	1091.96	09:56	5.54	1086.42	18.43
MW-109	1087.42	12:54	3.38	1084.04	10.67
MW-110	1086.87	12:39	6.13	1080.74	--
MW-111	1099.67	10:29	12.87	1086.80	29.34
MW-113	1088.46	10:07	4.66	1083.80	16.46
MW-114	1097.27	11:47	8.61	1088.66	21.39
MW-115	1101.83	11:54	16.84	1084.99	40.98
MW-116	1105.54	12:07	27.19	1078.35	--
MW-117	1123.97	12:03	41.03	1082.94	--
MW-118	1098.38	12:30	22.43	1075.95	--
PZ-1	1104.43	11:49	7.73	1096.70	--
PZ-101	1108.53	10:55	12.71	1095.82	--
PZ-102	1100.21	11:26	8.26	1091.95	--
PZ-103	1093.98	09:51	6.51	1087.47	--
PZ-104	1097.54	11:51	10.37	1087.17	--
PZ-105	1101.60	11:57	17.83	1083.77	--
PZ-106	1102.23	12:26	22.12	1080.11	--

TABLE 1. SUMMARY OF WATER-LEVEL MEASUREMENTS
SUMMIT NATIONAL SUPERFUND SITE
APRIL 12, 2021

Well Number	Measuring Point Elevation (ft., MSL)	Time (24:00)	Depth to Water (feet)	Water Level Elevation (ft., MSL)	Total Well Depth (ft., TOC)
Water Table Unit Media Drain Manholes					
MH-1	1102.78	10:44	15.12	1087.66	--
MH-2	1101.04	10:35	13.42	1087.62	--
MH-3	1100.95	10:32	13.35	1087.60	--
MH-4	1100.05	10:27	12.41	1087.64	--
MH-5	1095.68	10:18	8.88	1086.80	--
MH-6	1088.64	10:02	1.96	1086.68	--
MH-7	1089.29	09:58	2.58	1086.71	--
MH-8	1089.23	09:53	2.52	1086.71	--
Wet Well	1098.86	10:21	11.94	1086.92	--
Upper Intermediate Unit (UIU) Monitoring Wells and Piezometers					
MW-201	1107.52	11:30	11.46	1096.06	--
MW-202	1099.50	12:16	23.20	1076.30	--
MW-203	1103.35	10:25	9.17	1094.18	--
MW-204	1098.01	11:43	10.71	1087.30	--
MW-205	1100.90	11:58	17.39	1083.51	--
MW-206	1103.22	11:06	25.83	1077.39	--
MW-207	1098.51	11:14	10.41	1088.10	49.84
MW-209	1087.66	12:40	5.09	1082.57	37.70
MW-219	1108.24	10:52	18.58	1089.66	--
MW-220	1090.92	12:47	7.84	1083.08	38.65
MW-223	1098.37	10:22	10.82	1087.55	--
MW-224	1089.41	10:04	10.70	1078.71	36.62
PZ-201	1099.74	10:33	11.69	1088.05	--
PZ-202	1101.56	11:08	13.79	1087.77	--
PZ-203	1098.31	10:25	11.46	1086.85	--
PZ-204	1095.41	11:18	9.89	1085.52	--
PZ-205	1096.63	11:20	9.93	1086.70	--
PZ-206	1088.05	09:59	10.71	1077.34	--
PZ-207	1091.36	10:11	7.37	1083.99	--

TABLE 2.
WATER-QUALITY DATA SUMMARY, APRIL 2021
GROUNDWATER MONITORING WELLS
SUMMIT NATIONAL SUPERFUND SITE

Parameter	MW-4 4/21/2021	MW-11 4/13/2021	MW-107 4/13/2021	MW-108 4/13/2021	MW-109 4/21/2021	MW-111 4/13/2021	MW-113 4/12/2021	MW-114 4/13/2021	MW-115 4/13/2021	MW-115 (DUP) 4/13/2021	MW-207 4/13/2021	MW-209 4/13/2021	MW-220 4/13/2021	MW-224 4/13/2021	MW-224 (DUP) 4/13/2021	Rinse Blank #1 4/12/2021	Rinse Blank #2 4/13/2021
	Water Table Unit Wells										**Upper Intermediate Unit Wells**					**QA/QC Samples**	
1,1,1-Trichloroethane	<1.0	**15**	4.2 J	**1.9**	<1.0	0.87 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	<1.0	**71**	**530**	**310**	<1.0	**32**	<1.0	<1.0	**1.3**	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	<1.0	0.90 J	**15**	**43**	<1.0	**110**	0.21 J	<1.0	0.34 J	0.3 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acetone	<10	<10	<100	<10	<10	<10	<10	<10	<10	<10	<10	<`10	<10	<10	<10	<10	<10
Benzene	<1.0	0.54 J	**94**	**120**	<1.0	0.20 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	<1.0	<1.0	**60**	0.30 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	<1.0	<1.0	**330**	<1.0	<1.0	**1.1**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	<1.0	**38**	<10	**200**	<1.0	**7.4**	<1.0	<1.0	**4.3**	**4.3**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	<1.0	<1.0	**1400**	0.40 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.17 J	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	<1.0	<1.0	**5000**	0.92 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.43 J	0.24 J	<1.0	<1.0	0.23 J	0.23 J
trans-1,2-Dichloroethene	<1.0	**1.5**	<10	**6.3**	<1.0	0.24 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	<1.0	**79**	1.4 J	**18**	<1.0	0.15 J	<1.0	<1.0	<1.0	0.10 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl chloride	<1.0	**5.5**	<10	**99**	<1.0	**11**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylene (total)	<2.0	<2.0	**4800**	0.64 J	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	0.62 J	0.26 J	<2.0	<2.0	<2.0	<2.0

All results in ug/L

Bold - Quantified Results

J = Estimated result less than practical quantitation limit and greater than method detection limit.

Note: Two trip blanks were analyzed with the groundwater samples. The sample ID for each trip blank is Trip Blank.

TABLE 3.
COMPARISON OF VOC DETECTIONS WITH MCLs
WATER TABLE UNIT SENTINEL WELLS
APRIL 2021 GROUNDWATER MONITORING EVENT
SUMMIT NATIONAL SUPERFUND SITE

Well ID	Detected Parameter	Units	April 2021 Result	MCL	Exceeds MCL (Yes/No)
Sentinel Wells (WTU)					
MW-114	--	--	ND	--	No
MW-115	1,1-Dichloroethane	ug/L	1.3	--	N/A
	1,2-Dichloroethane	ug/L	0.34 J	5	No
	cis-1,2-Dichloroethene	ug/L	4.3	70	No

J = Estimated result less than practical quantitation limit and greater than method detection limit.

ND = Nondetect

N/A = Not Applicable

TABLE 4.
WATER-QUALITY DATA SUMMARY, APRIL 2021
S & E DITCH SURFACE WATER
SUMMIT NATIONAL SUPERFUND SITE

Parameter	Surface Water 4/14/2020	Trip Blank
Volatile Organic Compounds		
1,1,1-Trichloroethane	<1.0	<1.0
1,1-Dichloroethane	0.20 J	<1.0
1,2-Dichloroethane	<1.0	<1.0
1,2-Dichloroethene (total)	**1.8**	<1.0
Acetone	<10	<10
Benzene	<1.0	<1.0
Chlorobenzene	<1.0	<1.0
Chloroethane	<1.0	<1.0
cis-1,2-Dichloroethene	**1.8**	<1.0
Ethylbenzene	<1.0	<1.0
Toluene	<1.0	<1.0
trans-1,2-Dichloroethene	<1.0	<1.0
Trichloroethene	0.33 J	<1.0
Vinyl chloride	<1.0	<1.0
Xylene (total)	<2.0	<2.0

All results in ug/L

J = Estimated result less than practical quantitation limit and greater

Bold - Quantified Result

TABLE 5.
RESULTS OF SURFACE WATER SURVEY
APRIL 2021 GROUNDWATER MONITORING EVENT
SUMMIT NATIONAL SUPERFUND SITE

Parameter	Units	SW-1	SW-2	SW-3	SW-4	SW-5	Surface Water Mean	WTU Wells Low/High/Mean
Coordinates	N/W	N41.02420 W081.09568	N41.02397 W081.09575	N41.02378 W081.09573	N41.02357 W081.09573	N41.02337 W081.09572		
Flow Observations	--	No Flow	No Flow	No Flow	No Flow	No Flow	--	--
pH	SU	5.73	5.97	6.21	6.30	6.35	6.11	5.75 / 6.80 / 6.35
Specific Conductance	uS/cm	961	921	921	917	925	929	1620 / 4003 / 2514
Temperature	°C	16.8	16.0	15.9	16.1	16.7	16.3	7.2 / 12.1 / 10.2
Dissolved Oxygen	mg/L	9.76	9.23	9.44	8.86	9.42	9.34	0.07 / 0.89 / 0.23
Oxidation-Reduction Potential	mV	+150.6	+107.6	+107	+101.3	+100.1	+113.3	-159.7 / +42 / +3

APPENDIX A.

LABORATORY ANALYTICAL REPORT AND FIELD FORMS APRIL 2021 GROUNDWATER QUALITY MONITORING EVENT

SAMPLE IDENTIFICATION SUMMARY
APRIL 2021 SAMPLING EVENT
SUMMIT NATIONAL SUPERFUND SITE

Sample ID	Sample Name	Lab ID
Groundwater Samples		
MW-4	GW-042121-KS-001	240-147913-2
MW-11	GW-041321-NK-009	240-147492-1
MW-107	GW-041321-NK-015	240-147492-2
MW-108	GW-041321-NK-016	240-147492-3
MW-109	GW-042121-NK-003	240-147913-1
MW-111	GW-041321-NK-013	240-147492-4
MW-113	GW-041221-NK-004	240-147492-5
MW-114	GW-041321-NK-010	240-147492-6
MW-115	GW-041321-NK-011	240-147492-7
MW-207	GW-041321-NK-014	240-147492-8
MW-209	GW-041221-NK-002[1]	240-147492-9
MW-220	GW-041321-NK-005	240-147492-10
MW-224	GW-041321-NK-007	240-147492-11
QA/QC Samples (GW)		
Duplicate #1 (MW-224)	GW-041321-NK-008	240-147492-12
Duplicate #2 (MW-115)	GW-041321-NK-012	240-147492-13
MS (MW-11)	GW-041321-NK-009-MS	240-147492-1 MS
MSD (MW-11)	GW-041321-NK-009-MSD	240-147492-1 MSD
Rinse Blank #1	RB-041221-NK-006	240-147492-14
Rinse Blank #2	RB-041321-NK-017	240-147492-15
Surface Water Samples		
S&E Ditch	SW-041312-NK-018	240-147496-1

Notes:

DUP - Duplicate; RB - Rinse Blank; FB - Field Blank; MS - Matrix Spike; MSD - Matrix Spike Duplicate

[1] Laboratory referenced sample name; Assigned name shown on field forms and COC is GW-041321-NK-002

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

Laboratory Job ID: 240-147492-1
Client Project/Site: Summit National - GW

For:
Eagon & Associates, Inc.
100 Old Wilson Bridge Road
Suite 115
Worthington, Ohio 43085

Attn: Mr. Mike Gibson

Patrick O'Meara

Authorized for release by:
4/22/2021 2:42:51 PM

Patrick O'Meara, Manager of Project Management
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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-147492-1

Laboratory: Eurofins TestAmerica, Canton

Narrative

CASE NARRATIVE

Client: Eagon & Associates, Inc.

Project: Summit National - GW

Report Number: 240-147492-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Eurofins TestAmerica, Canton attests to the validity of the laboratory data generated by Eurofins TestAmerica facilities reported herein. All analyses performed by Eurofins TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

RECEIPT

The samples were received on 4/14/2021 1:50 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.0º C.

Receipt Exceptions

The following samples were listed on the Chain of Custody (COC); however, the samples were not received:
GW-041221-KS-001
GW-041221-NK-003

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples GW-041321-NK-009 (240-147492-1), GW-041321-NK-015 (240-147492-2), GW-041321-NK-016 (240-147492-3), GW-041321-NK-013 (240-147492-4), GW-041221-NK-004 (240-147492-5), GW-041321-NK-010 (240-147492-6), GW-041321-NK-011 (240-147492-7), GW-041321-NK-014 (240-147492-8), GW-041221-NK-002 (240-147492-9), GW-041321-NK-005 (240-147492-10), GW-041321-NK-007 (240-147492-11), GW-041321-NK-008 (240-147492-12), GW-041321-NK-012 (240-147492-13), RB-041221-NK-006 (240-147492-14), RB-041321-NK-017 (240-147492-15) and TRIP BLANK # N/A (240-147492-16) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 04/16/2021, 04/17/2021 and 04/19/2021.

Samples GW-041321-NK-015 (240-147492-2)[10X], GW-041321-NK-015 (240-147492-2)[100X], GW-041321-NK-016 (240-147492-3)[10X] and GW-041321-NK-013 (240-147492-4)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Job ID: 240-147492-1 (Continued)

Laboratory: Eurofins TestAmerica, Canton (Continued)

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Method Summary

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL CAN
5030C	Purge and Trap	SW846	TAL CAN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-147492-1	GW-041321-NK-009	Water	04/13/21 08:36	04/14/21 13:50	
240-147492-2	GW-041321-NK-015	Water	04/13/21 13:00	04/14/21 13:50	
240-147492-3	GW-041321-NK-016	Water	04/13/21 13:54	04/14/21 13:50	
240-147492-4	GW-041321-NK-013	Water	04/13/21 11:22	04/14/21 13:50	
240-147492-5	GW-041221-NK-004	Water	04/12/21 18:40	04/14/21 13:50	
240-147492-6	GW-041321-NK-010	Water	04/13/21 09:39	04/14/21 13:50	
240-147492-7	GW-041321-NK-011	Water	04/13/21 10:30	04/14/21 13:50	
240-147492-8	GW-041321-NK-014	Water	04/13/21 12:18	04/14/21 13:50	
240-147492-9	GW-041221-NK-002	Water	04/12/21 14:41	04/14/21 13:50	
240-147492-10	GW-041321-NK-005	Water	04/13/21 15:22	04/14/21 13:50	
240-147492-11	GW-041321-NK-007	Water	04/13/21 07:49	04/14/21 13:50	
240-147492-12	GW-041321-NK-008	Water	04/13/21 07:49	04/14/21 13:50	
240-147492-13	GW-041321-NK-012	Water	04/13/21 10:30	04/14/21 13:50	
240-147492-14	RB-041221-NK-006	Water	04/12/21 20:15	04/14/21 13:50	
240-147492-15	RB-041321-NK-017	Water	04/13/21 14:10	04/14/21 13:50	
240-147492-16	TRIP BLANK # N/A	Water	04/13/21 00:00	04/14/21 13:50	

Detection Summary

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

Client Sample ID: GW-041321-NK-009 — Lab Sample ID: 240-147492-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	15		1.0	0.24	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	71		1.0	0.17	ug/L	1		8260C	Total/NA
1,2-Dichloroethane	0.90	J	1.0	0.21	ug/L	1		8260C	Total/NA
Benzene	0.54	J	1.0	0.13	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	38		1.0	0.16	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	1.5		1.0	0.19	ug/L	1		8260C	Total/NA
Trichloroethene	79		1.0	0.10	ug/L	1		8260C	Total/NA
Vinyl chloride	5.5		1.0	0.20	ug/L	1		8260C	Total/NA

Client Sample ID: GW-041321-NK-015 — Lab Sample ID: 240-147492-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	4.2	J	10	2.4	ug/L	10		8260C	Total/NA
1,1-Dichloroethane	530		10	1.7	ug/L	10		8260C	Total/NA
1,2-Dichloroethane	15		10	2.1	ug/L	10		8260C	Total/NA
Benzene	94		10	1.3	ug/L	10		8260C	Total/NA
Chlorobenzene	60		10	1.4	ug/L	10		8260C	Total/NA
Chloroethane	330		10	8.3	ug/L	10		8260C	Total/NA
Ethylbenzene	1400		100	11	ug/L	100		8260C	Total/NA
Toluene	5000		100	14	ug/L	100		8260C	Total/NA
Trichloroethene	1.4	J	10	1.0	ug/L	10		8260C	Total/NA
Xylenes, Total	4800		200	15	ug/L	100		8260C	Total/NA

Client Sample ID: GW-041321-NK-016 — Lab Sample ID: 240-147492-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.9		1.0	0.24	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	310		10	1.7	ug/L	10		8260C	Total/NA
1,2-Dichloroethane	43		1.0	0.21	ug/L	1		8260C	Total/NA
Benzene	120		10	1.3	ug/L	10		8260C	Total/NA
Chlorobenzene	0.30	J	1.0	0.14	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	200		10	1.6	ug/L	10		8260C	Total/NA
Ethylbenzene	0.40	J	1.0	0.11	ug/L	1		8260C	Total/NA
Toluene	0.92	J	1.0	0.14	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	6.3		1.0	0.19	ug/L	1		8260C	Total/NA
Trichloroethene	18		1.0	0.10	ug/L	1		8260C	Total/NA
Vinyl chloride	99		10	2.0	ug/L	10		8260C	Total/NA
Xylenes, Total	0.64	J	2.0	0.15	ug/L	1		8260C	Total/NA

Client Sample ID: GW-041321-NK-013 — Lab Sample ID: 240-147492-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.87	J	1.0	0.24	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	32		1.0	0.17	ug/L	1		8260C	Total/NA
1,2-Dichloroethane	110		4.0	0.84	ug/L	4		8260C	Total/NA
Benzene	0.20	J	1.0	0.13	ug/L	1		8260C	Total/NA
Chloroethane	1.1		1.0	0.83	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	7.4		1.0	0.16	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	0.24	J	1.0	0.19	ug/L	1		8260C	Total/NA
Trichloroethene	0.15	J	1.0	0.10	ug/L	1		8260C	Total/NA
Vinyl chloride	11		1.0	0.20	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

Client Sample ID: GW-041221-NK-004 — Lab Sample ID: 240-147492-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	0.21	J	1.0	0.21	ug/L	1		8260C	Total/NA

Client Sample ID: GW-041321-NK-010 — Lab Sample ID: 240-147492-6

No Detections.

Client Sample ID: GW-041321-NK-011 — Lab Sample ID: 240-147492-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.3		1.0	0.17	ug/L	1		8260C	Total/NA
1,2-Dichloroethane	0.34	J	1.0	0.21	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	4.3		1.0	0.16	ug/L	1		8260C	Total/NA

Client Sample ID: GW-041321-NK-014 — Lab Sample ID: 240-147492-8

No Detections.

Client Sample ID: GW-041221-NK-002 — Lab Sample ID: 240-147492-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.17	J	1.0	0.11	ug/L	1		8260C	Total/NA
Toluene	0.43	J	1.0	0.14	ug/L	1		8260C	Total/NA
Xylenes, Total	0.62	J	2.0	0.15	ug/L	1		8260C	Total/NA

Client Sample ID: GW-041321-NK-005 — Lab Sample ID: 240-147492-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.24	J	1.0	0.14	ug/L	1		8260C	Total/NA
Xylenes, Total	0.26	J	2.0	0.15	ug/L	1		8260C	Total/NA

Client Sample ID: GW-041321-NK-007 — Lab Sample ID: 240-147492-11

No Detections.

Client Sample ID: GW-041321-NK-008 — Lab Sample ID: 240-147492-12

No Detections.

Client Sample ID: GW-041321-NK-012 — Lab Sample ID: 240-147492-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.3		1.0	0.17	ug/L	1		8260C	Total/NA
1,2-Dichloroethane	0.30	J	1.0	0.21	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	4.3		1.0	0.16	ug/L	1		8260C	Total/NA
Trichloroethene	0.10	J	1.0	0.10	ug/L	1		8260C	Total/NA

Client Sample ID: RB-041221-NK-006 — Lab Sample ID: 240-147492-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.23	J	1.0	0.14	ug/L	1		8260C	Total/NA

Client Sample ID: RB-041321-NK-017 — Lab Sample ID: 240-147492-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.23	J	1.0	0.14	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

Client Sample ID: TRIP BLANK # N/A

Lab Sample ID: 240-147492-16

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

Client Sample ID: GW-041321-NK-009

Lab Sample ID: 240-147492-1

Date Collected: 04/13/21 08:36
Date Received: 04/14/21 13:50

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**15**		1.0	0.24	ug/L			04/16/21 19:48	1
1,1-Dichloroethane	**71**		1.0	0.17	ug/L			04/16/21 19:48	1
1,2-Dichloroethane	**0.90**	**J**	1.0	0.21	ug/L			04/16/21 19:48	1
Acetone	ND		10	5.4	ug/L			04/16/21 19:48	1
Benzene	**0.54**	**J**	1.0	0.13	ug/L			04/16/21 19:48	1
Chlorobenzene	ND		1.0	0.14	ug/L			04/16/21 19:48	1
Chloroethane	ND		1.0	0.83	ug/L			04/16/21 19:48	1
cis-1,2-Dichloroethene	**38**		1.0	0.16	ug/L			04/16/21 19:48	1
Ethylbenzene	ND		1.0	0.11	ug/L			04/16/21 19:48	1
Toluene	ND		1.0	0.14	ug/L			04/16/21 19:48	1
trans-1,2-Dichloroethene	**1.5**		1.0	0.19	ug/L			04/16/21 19:48	1
Trichloroethene	**79**		1.0	0.10	ug/L			04/16/21 19:48	1
Vinyl chloride	**5.5**		1.0	0.20	ug/L			04/16/21 19:48	1
Xylenes, Total	ND		2.0	0.15	ug/L			04/16/21 19:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 130*		*04/16/21 19:48*	*1*
4-Bromofluorobenzene (Surr)	*110*		*47 - 134*		*04/16/21 19:48*	*1*
Dibromofluoromethane (Surr)	*89*		*78 - 129*		*04/16/21 19:48*	*1*
Toluene-d8 (Surr)	*112*		*69 - 122*		*04/16/21 19:48*	*1*

Client Sample Results

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

Client Sample ID: GW-041321-NK-015

Lab Sample ID: 240-147492-2

Date Collected: 04/13/21 13:00
Date Received: 04/14/21 13:50

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**4.2**	**J**	10	2.4	ug/L			04/16/21 21:16	10
1,1-Dichloroethane	**530**		10	1.7	ug/L			04/16/21 21:16	10
1,2-Dichloroethane	**15**		10	2.1	ug/L			04/16/21 21:16	10
Acetone	ND		100	54	ug/L			04/16/21 21:16	10
Benzene	**94**		10	1.3	ug/L			04/16/21 21:16	10
Chlorobenzene	**60**		10	1.4	ug/L			04/16/21 21:16	10
Chloroethane	**330**		10	8.3	ug/L			04/16/21 21:16	10
cis-1,2-Dichloroethene	ND		10	1.6	ug/L			04/16/21 21:16	10
Ethylbenzene	**1400**		100	11	ug/L			04/16/21 21:38	100
Toluene	**5000**		100	14	ug/L			04/16/21 21:38	100
trans-1,2-Dichloroethene	ND		10	1.9	ug/L			04/16/21 21:16	10
Trichloroethene	**1.4**	**J**	10	1.0	ug/L			04/16/21 21:16	10
Vinyl chloride	ND		10	2.0	ug/L			04/16/21 21:16	10
Xylenes, Total	**4800**		200	15	ug/L			04/16/21 21:38	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 130*		*04/16/21 21:16*	*10*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 130*		*04/16/21 21:38*	*100*
4-Bromofluorobenzene (Surr)	*108*		*47 - 134*		*04/16/21 21:16*	*10*
4-Bromofluorobenzene (Surr)	*110*		*47 - 134*		*04/16/21 21:38*	*100*
Dibromofluoromethane (Surr)	*82*		*78 - 129*		*04/16/21 21:16*	*10*
Dibromofluoromethane (Surr)	*85*		*78 - 129*		*04/16/21 21:38*	*100*
Toluene-d8 (Surr)	*109*		*69 - 122*		*04/16/21 21:16*	*10*
Toluene-d8 (Surr)	*109*		*69 - 122*		*04/16/21 21:38*	*100*

Client Sample Results

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

Client Sample ID: GW-041321-NK-016

Lab Sample ID: 240-147492-3

Date Collected: 04/13/21 13:54
Date Received: 04/14/21 13:50

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**1.9**		1.0	0.24	ug/L			04/16/21 22:00	1
1,1-Dichloroethane	**310**		10	1.7	ug/L			04/16/21 22:22	10
1,2-Dichloroethane	**43**		1.0	0.21	ug/L			04/16/21 22:00	1
Acetone	ND		10	5.4	ug/L			04/16/21 22:00	1
Benzene	**120**		10	1.3	ug/L			04/16/21 22:22	10
Chlorobenzene	**0.30**	**J**	1.0	0.14	ug/L			04/16/21 22:00	1
Chloroethane	ND		1.0	0.83	ug/L			04/16/21 22:00	1
cis-1,2-Dichloroethene	**200**		10	1.6	ug/L			04/16/21 22:22	10
Ethylbenzene	**0.40**	**J**	1.0	0.11	ug/L			04/16/21 22:00	1
Toluene	**0.92**	**J**	1.0	0.14	ug/L			04/16/21 22:00	1
trans-1,2-Dichloroethene	**6.3**		1.0	0.19	ug/L			04/16/21 22:00	1
Trichloroethene	**18**		1.0	0.10	ug/L			04/16/21 22:00	1
Vinyl chloride	**99**		10	2.0	ug/L			04/16/21 22:22	10
Xylenes, Total	**0.64**	**J**	2.0	0.15	ug/L			04/16/21 22:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*75 - 130*		*04/16/21 22:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 130*		*04/16/21 22:22*	*10*
4-Bromofluorobenzene (Surr)	*107*		*47 - 134*		*04/16/21 22:00*	*1*
4-Bromofluorobenzene (Surr)	*106*		*47 - 134*		*04/16/21 22:22*	*10*
Dibromofluoromethane (Surr)	*87*		*78 - 129*		*04/16/21 22:00*	*1*
Dibromofluoromethane (Surr)	*86*		*78 - 129*		*04/16/21 22:22*	*10*
Toluene-d8 (Surr)	*109*		*69 - 122*		*04/16/21 22:00*	*1*
Toluene-d8 (Surr)	*109*		*69 - 122*		*04/16/21 22:22*	*10*

Client Sample Results

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

Client Sample ID: GW-041321-NK-013

Lab Sample ID: 240-147492-4

Date Collected: 04/13/21 11:22
Date Received: 04/14/21 13:50

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**0.87**	**J**	1.0	0.24	ug/L			04/16/21 22:44	1
1,1-Dichloroethane	**32**		1.0	0.17	ug/L			04/16/21 22:44	1
1,2-Dichloroethane	**110**		4.0	0.84	ug/L			04/19/21 20:12	4
Acetone	ND		10	5.4	ug/L			04/16/21 22:44	1
Benzene	**0.20**	**J**	1.0	0.13	ug/L			04/16/21 22:44	1
Chlorobenzene	ND		1.0	0.14	ug/L			04/16/21 22:44	1
Chloroethane	**1.1**		1.0	0.83	ug/L			04/16/21 22:44	1
cis-1,2-Dichloroethene	**7.4**		1.0	0.16	ug/L			04/16/21 22:44	1
Ethylbenzene	ND		1.0	0.11	ug/L			04/16/21 22:44	1
Toluene	ND		1.0	0.14	ug/L			04/16/21 22:44	1
trans-1,2-Dichloroethene	**0.24**	**J**	1.0	0.19	ug/L			04/16/21 22:44	1
Trichloroethene	**0.15**	**J**	1.0	0.10	ug/L			04/16/21 22:44	1
Vinyl chloride	**11**		1.0	0.20	ug/L			04/16/21 22:44	1
Xylenes, Total	ND		2.0	0.15	ug/L			04/16/21 22:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 130*		*04/16/21 22:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 130*		*04/19/21 20:12*	*4*
4-Bromofluorobenzene (Surr)	*106*		*47 - 134*		*04/16/21 22:44*	*1*
4-Bromofluorobenzene (Surr)	*103*		*47 - 134*		*04/19/21 20:12*	*4*
Dibromofluoromethane (Surr)	*85*		*78 - 129*		*04/16/21 22:44*	*1*
Dibromofluoromethane (Surr)	*86*		*78 - 129*		*04/19/21 20:12*	*4*
Toluene-d8 (Surr)	*109*		*69 - 122*		*04/16/21 22:44*	*1*
Toluene-d8 (Surr)	*105*		*69 - 122*		*04/19/21 20:12*	*4*

Client Sample Results

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

Client Sample ID: GW-041221-NK-004

Lab Sample ID: 240-147492-5

Date Collected: 04/12/21 18:40
Date Received: 04/14/21 13:50

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/16/21 23:06	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/16/21 23:06	1
1,2-Dichloroethane	**0.21**	**J**	1.0	0.21	ug/L			04/16/21 23:06	1
Acetone	ND		10	5.4	ug/L			04/16/21 23:06	1
Benzene	ND		1.0	0.13	ug/L			04/16/21 23:06	1
Chlorobenzene	ND		1.0	0.14	ug/L			04/16/21 23:06	1
Chloroethane	ND		1.0	0.83	ug/L			04/16/21 23:06	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/16/21 23:06	1
Ethylbenzene	ND		1.0	0.11	ug/L			04/16/21 23:06	1
Toluene	ND		1.0	0.14	ug/L			04/16/21 23:06	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/16/21 23:06	1
Trichloroethene	ND		1.0	0.10	ug/L			04/16/21 23:06	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/16/21 23:06	1
Xylenes, Total	ND		2.0	0.15	ug/L			04/16/21 23:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 130*		*04/16/21 23:06*	*1*
4-Bromofluorobenzene (Surr)	*103*		*47 - 134*		*04/16/21 23:06*	*1*
Dibromofluoromethane (Surr)	*85*		*78 - 129*		*04/16/21 23:06*	*1*
Toluene-d8 (Surr)	*105*		*69 - 122*		*04/16/21 23:06*	*1*

Client Sample Results

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

Client Sample ID: GW-041321-NK-010

Lab Sample ID: 240-147492-6

Date Collected: 04/13/21 09:39
Date Received: 04/14/21 13:50

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/16/21 23:28	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/16/21 23:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/16/21 23:28	1
Acetone	ND		10	5.4	ug/L			04/16/21 23:28	1
Benzene	ND		1.0	0.13	ug/L			04/16/21 23:28	1
Chlorobenzene	ND		1.0	0.14	ug/L			04/16/21 23:28	1
Chloroethane	ND		1.0	0.83	ug/L			04/16/21 23:28	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/16/21 23:28	1
Ethylbenzene	ND		1.0	0.11	ug/L			04/16/21 23:28	1
Toluene	ND		1.0	0.14	ug/L			04/16/21 23:28	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/16/21 23:28	1
Trichloroethene	ND		1.0	0.10	ug/L			04/16/21 23:28	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/16/21 23:28	1
Xylenes, Total	ND		2.0	0.15	ug/L			04/16/21 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 130*		*04/16/21 23:28*	*1*
4-Bromofluorobenzene (Surr)	*108*		*47 - 134*		*04/16/21 23:28*	*1*
Dibromofluoromethane (Surr)	*87*		*78 - 129*		*04/16/21 23:28*	*1*
Toluene-d8 (Surr)	*109*		*69 - 122*		*04/16/21 23:28*	*1*

Client Sample Results

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

Client Sample ID: GW-041321-NK-011

Lab Sample ID: 240-147492-7

Date Collected: 04/13/21 10:30
Date Received: 04/14/21 13:50

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/16/21 23:50	1
1,1-Dichloroethane	**1.3**		1.0	0.17	ug/L			04/16/21 23:50	1
1,2-Dichloroethane	**0.34**	**J**	1.0	0.21	ug/L			04/16/21 23:50	1
Acetone	ND		10	5.4	ug/L			04/16/21 23:50	1
Benzene	ND		1.0	0.13	ug/L			04/16/21 23:50	1
Chlorobenzene	ND		1.0	0.14	ug/L			04/16/21 23:50	1
Chloroethane	ND		1.0	0.83	ug/L			04/16/21 23:50	1
cis-1,2-Dichloroethene	**4.3**		1.0	0.16	ug/L			04/16/21 23:50	1
Ethylbenzene	ND		1.0	0.11	ug/L			04/16/21 23:50	1
Toluene	ND		1.0	0.14	ug/L			04/16/21 23:50	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/16/21 23:50	1
Trichloroethene	ND		1.0	0.10	ug/L			04/16/21 23:50	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/16/21 23:50	1
Xylenes, Total	ND		2.0	0.15	ug/L			04/16/21 23:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 130*		*04/16/21 23:50*	*1*
4-Bromofluorobenzene (Surr)	*106*		*47 - 134*		*04/16/21 23:50*	*1*
Dibromofluoromethane (Surr)	*86*		*78 - 129*		*04/16/21 23:50*	*1*
Toluene-d8 (Surr)	*106*		*69 - 122*		*04/16/21 23:50*	*1*

Client Sample Results

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

Client Sample ID: GW-041321-NK-014

Lab Sample ID: 240-147492-8

Date Collected: 04/13/21 12:18
Date Received: 04/14/21 13:50

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/17/21 00:12	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/17/21 00:12	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/17/21 00:12	1
Acetone	ND		10	5.4	ug/L			04/17/21 00:12	1
Benzene	ND		1.0	0.13	ug/L			04/17/21 00:12	1
Chlorobenzene	ND		1.0	0.14	ug/L			04/17/21 00:12	1
Chloroethane	ND		1.0	0.83	ug/L			04/17/21 00:12	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/17/21 00:12	1
Ethylbenzene	ND		1.0	0.11	ug/L			04/17/21 00:12	1
Toluene	ND		1.0	0.14	ug/L			04/17/21 00:12	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/17/21 00:12	1
Trichloroethene	ND		1.0	0.10	ug/L			04/17/21 00:12	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/17/21 00:12	1
Xylenes, Total	ND		2.0	0.15	ug/L			04/17/21 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 130*		*04/17/21 00:12*	*1*
4-Bromofluorobenzene (Surr)	*104*		*47 - 134*		*04/17/21 00:12*	*1*
Dibromofluoromethane (Surr)	*85*		*78 - 129*		*04/17/21 00:12*	*1*
Toluene-d8 (Surr)	*105*		*69 - 122*		*04/17/21 00:12*	*1*

Client Sample Results

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

Client Sample ID: GW-041221-NK-002

Lab Sample ID: 240-147492-9

Date Collected: 04/12/21 14:41
Date Received: 04/14/21 13:50

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/17/21 00:34	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/17/21 00:34	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/17/21 00:34	1
Acetone	ND		10	5.4	ug/L			04/17/21 00:34	1
Benzene	ND		1.0	0.13	ug/L			04/17/21 00:34	1
Chlorobenzene	ND		1.0	0.14	ug/L			04/17/21 00:34	1
Chloroethane	ND		1.0	0.83	ug/L			04/17/21 00:34	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/17/21 00:34	1
Ethylbenzene	**0.17**	**J**	1.0	0.11	ug/L			04/17/21 00:34	1
Toluene	**0.43**	**J**	1.0	0.14	ug/L			04/17/21 00:34	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/17/21 00:34	1
Trichloroethene	ND		1.0	0.10	ug/L			04/17/21 00:34	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/17/21 00:34	1
Xylenes, Total	**0.62**	**J**	2.0	0.15	ug/L			04/17/21 00:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*75 - 130*		*04/17/21 00:34*	*1*
4-Bromofluorobenzene (Surr)	*106*		*47 - 134*		*04/17/21 00:34*	*1*
Dibromofluoromethane (Surr)	*83*		*78 - 129*		*04/17/21 00:34*	*1*
Toluene-d8 (Surr)	*107*		*69 - 122*		*04/17/21 00:34*	*1*

Client Sample Results

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

Client Sample ID: GW-041321-NK-005

Lab Sample ID: 240-147492-10

Date Collected: 04/13/21 15:22
Date Received: 04/14/21 13:50

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/17/21 00:56	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/17/21 00:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/17/21 00:56	1
Acetone	ND		10	5.4	ug/L			04/17/21 00:56	1
Benzene	ND		1.0	0.13	ug/L			04/17/21 00:56	1
Chlorobenzene	ND		1.0	0.14	ug/L			04/17/21 00:56	1
Chloroethane	ND		1.0	0.83	ug/L			04/17/21 00:56	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/17/21 00:56	1
Ethylbenzene	ND		1.0	0.11	ug/L			04/17/21 00:56	1
Toluene	**0.24**	**J**	1.0	0.14	ug/L			04/17/21 00:56	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/17/21 00:56	1
Trichloroethene	ND		1.0	0.10	ug/L			04/17/21 00:56	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/17/21 00:56	1
Xylenes, Total	**0.26**	**J**	2.0	0.15	ug/L			04/17/21 00:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 130*		*04/17/21 00:56*	*1*
4-Bromofluorobenzene (Surr)	*100*		*47 - 134*		*04/17/21 00:56*	*1*
Dibromofluoromethane (Surr)	*82*		*78 - 129*		*04/17/21 00:56*	*1*
Toluene-d8 (Surr)	*103*		*69 - 122*		*04/17/21 00:56*	*1*

Client Sample Results

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

Client Sample ID: GW-041321-NK-007

Lab Sample ID: 240-147492-11

Date Collected: 04/13/21 07:49
Date Received: 04/14/21 13:50

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/17/21 01:18	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/17/21 01:18	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/17/21 01:18	1
Acetone	ND		10	5.4	ug/L			04/17/21 01:18	1
Benzene	ND		1.0	0.13	ug/L			04/17/21 01:18	1
Chlorobenzene	ND		1.0	0.14	ug/L			04/17/21 01:18	1
Chloroethane	ND		1.0	0.83	ug/L			04/17/21 01:18	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/17/21 01:18	1
Ethylbenzene	ND		1.0	0.11	ug/L			04/17/21 01:18	1
Toluene	ND		1.0	0.14	ug/L			04/17/21 01:18	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/17/21 01:18	1
Trichloroethene	ND		1.0	0.10	ug/L			04/17/21 01:18	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/17/21 01:18	1
Xylenes, Total	ND		2.0	0.15	ug/L			04/17/21 01:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 130*		*04/17/21 01:18*	*1*
4-Bromofluorobenzene (Surr)	*107*		*47 - 134*		*04/17/21 01:18*	*1*
Dibromofluoromethane (Surr)	*86*		*78 - 129*		*04/17/21 01:18*	*1*
Toluene-d8 (Surr)	*108*		*69 - 122*		*04/17/21 01:18*	*1*

Client Sample Results

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

Client Sample ID: GW-041321-NK-008

Lab Sample ID: 240-147492-12

Date Collected: 04/13/21 07:49
Date Received: 04/14/21 13:50

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/17/21 01:40	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/17/21 01:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/17/21 01:40	1
Acetone	ND		10	5.4	ug/L			04/17/21 01:40	1
Benzene	ND		1.0	0.13	ug/L			04/17/21 01:40	1
Chlorobenzene	ND		1.0	0.14	ug/L			04/17/21 01:40	1
Chloroethane	ND		1.0	0.83	ug/L			04/17/21 01:40	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/17/21 01:40	1
Ethylbenzene	ND		1.0	0.11	ug/L			04/17/21 01:40	1
Toluene	ND		1.0	0.14	ug/L			04/17/21 01:40	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/17/21 01:40	1
Trichloroethene	ND		1.0	0.10	ug/L			04/17/21 01:40	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/17/21 01:40	1
Xylenes, Total	ND		2.0	0.15	ug/L			04/17/21 01:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 130*		*04/17/21 01:40*	*1*
4-Bromofluorobenzene (Surr)	*98*		*47 - 134*		*04/17/21 01:40*	*1*
Dibromofluoromethane (Surr)	*85*		*78 - 129*		*04/17/21 01:40*	*1*
Toluene-d8 (Surr)	*102*		*69 - 122*		*04/17/21 01:40*	*1*

Client Sample Results

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

Client Sample ID: GW-041321-NK-012

Lab Sample ID: 240-147492-13

Date Collected: 04/13/21 10:30
Matrix: Water
Date Received: 04/14/21 13:50

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/17/21 03:08	1
1,1-Dichloroethane	**1.3**		1.0	0.17	ug/L			04/17/21 03:08	1
1,2-Dichloroethane	**0.30**	**J**	1.0	0.21	ug/L			04/17/21 03:08	1
Acetone	ND		10	5.4	ug/L			04/17/21 03:08	1
Benzene	ND		1.0	0.13	ug/L			04/17/21 03:08	1
Chlorobenzene	ND		1.0	0.14	ug/L			04/17/21 03:08	1
Chloroethane	ND		1.0	0.83	ug/L			04/17/21 03:08	1
cis-1,2-Dichloroethene	**4.3**		1.0	0.16	ug/L			04/17/21 03:08	1
Ethylbenzene	ND		1.0	0.11	ug/L			04/17/21 03:08	1
Toluene	ND		1.0	0.14	ug/L			04/17/21 03:08	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/17/21 03:08	1
Trichloroethene	**0.10**	**J**	1.0	0.10	ug/L			04/17/21 03:08	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/17/21 03:08	1
Xylenes, Total	ND		2.0	0.15	ug/L			04/17/21 03:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 130*		*04/17/21 03:08*	*1*
4-Bromofluorobenzene (Surr)	*100*		*47 - 134*		*04/17/21 03:08*	*1*
Dibromofluoromethane (Surr)	*83*		*78 - 129*		*04/17/21 03:08*	*1*
Toluene-d8 (Surr)	*104*		*69 - 122*		*04/17/21 03:08*	*1*

Client Sample Results

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

Client Sample ID: RB-041221-NK-006

Lab Sample ID: 240-147492-14

Date Collected: 04/12/21 20:15
Date Received: 04/14/21 13:50

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/17/21 02:02	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/17/21 02:02	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/17/21 02:02	1
Acetone	ND		10	5.4	ug/L			04/17/21 02:02	1
Benzene	ND		1.0	0.13	ug/L			04/17/21 02:02	1
Chlorobenzene	ND		1.0	0.14	ug/L			04/17/21 02:02	1
Chloroethane	ND		1.0	0.83	ug/L			04/17/21 02:02	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/17/21 02:02	1
Ethylbenzene	ND		1.0	0.11	ug/L			04/17/21 02:02	1
Toluene	**0.23**	**J**	1.0	0.14	ug/L			04/17/21 02:02	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/17/21 02:02	1
Trichloroethene	ND		1.0	0.10	ug/L			04/17/21 02:02	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/17/21 02:02	1
Xylenes, Total	ND		2.0	0.15	ug/L			04/17/21 02:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 130*		*04/17/21 02:02*	*1*
4-Bromofluorobenzene (Surr)	*103*		*47 - 134*		*04/17/21 02:02*	*1*
Dibromofluoromethane (Surr)	*83*		*78 - 129*		*04/17/21 02:02*	*1*
Toluene-d8 (Surr)	*103*		*69 - 122*		*04/17/21 02:02*	*1*

Client Sample Results

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

Client Sample ID: RB-041321-NK-017

Lab Sample ID: 240-147492-15

Date Collected: 04/13/21 14:10
Date Received: 04/14/21 13:50

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/17/21 02:24	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/17/21 02:24	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/17/21 02:24	1
Acetone	ND		10	5.4	ug/L			04/17/21 02:24	1
Benzene	ND		1.0	0.13	ug/L			04/17/21 02:24	1
Chlorobenzene	ND		1.0	0.14	ug/L			04/17/21 02:24	1
Chloroethane	ND		1.0	0.83	ug/L			04/17/21 02:24	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/17/21 02:24	1
Ethylbenzene	ND		1.0	0.11	ug/L			04/17/21 02:24	1
Toluene	**0.23**	**J**	1.0	0.14	ug/L			04/17/21 02:24	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/17/21 02:24	1
Trichloroethene	ND		1.0	0.10	ug/L			04/17/21 02:24	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/17/21 02:24	1
Xylenes, Total	ND		2.0	0.15	ug/L			04/17/21 02:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 130*		*04/17/21 02:24*	*1*
4-Bromofluorobenzene (Surr)	*113*		*47 - 134*		*04/17/21 02:24*	*1*
Dibromofluoromethane (Surr)	*88*		*78 - 129*		*04/17/21 02:24*	*1*
Toluene-d8 (Surr)	*108*		*69 - 122*		*04/17/21 02:24*	*1*

Client Sample Results

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

Client Sample ID: TRIP BLANK # N/A

Lab Sample ID: 240-147492-16

Date Collected: 04/13/21 00:00
Date Received: 04/14/21 13:50

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/17/21 02:46	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/17/21 02:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/17/21 02:46	1
Acetone	ND		10	5.4	ug/L			04/17/21 02:46	1
Benzene	ND		1.0	0.13	ug/L			04/17/21 02:46	1
Chlorobenzene	ND		1.0	0.14	ug/L			04/17/21 02:46	1
Chloroethane	ND		1.0	0.83	ug/L			04/17/21 02:46	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/17/21 02:46	1
Ethylbenzene	ND		1.0	0.11	ug/L			04/17/21 02:46	1
Toluene	ND		1.0	0.14	ug/L			04/17/21 02:46	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/17/21 02:46	1
Trichloroethene	ND		1.0	0.10	ug/L			04/17/21 02:46	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/17/21 02:46	1
Xylenes, Total	ND		2.0	0.15	ug/L			04/17/21 02:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 130*		*04/17/21 02:46*	*1*
4-Bromofluorobenzene (Surr)	*105*		*47 - 134*		*04/17/21 02:46*	*1*
Dibromofluoromethane (Surr)	*81*		*78 - 129*		*04/17/21 02:46*	*1*
Toluene-d8 (Surr)	*106*		*69 - 122*		*04/17/21 02:46*	*1*

Surrogate Summary

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-130)	(47-134)	(78-129)	(69-122)
240-147492-1	GW-041321-NK-009	91	110	89	112
240-147492-1 MS	GW-041321-NK-009	83	104	82	106
240-147492-1 MSD	GW-041321-NK-009	85	106	83	107
240-147492-2	GW-041321-NK-015	91	108	82	109
240-147492-2	GW-041321-NK-015	95	110	85	109
240-147492-3	GW-041321-NK-016	89	107	87	109
240-147492-3	GW-041321-NK-016	96	106	86	109
240-147492-4	GW-041321-NK-013	91	106	85	109
240-147492-4	GW-041321-NK-013	93	103	86	105
240-147492-5	GW-041221-NK-004	92	103	85	105
240-147492-6	GW-041321-NK-010	95	108	87	109
240-147492-7	GW-041321-NK-011	94	106	86	106
240-147492-8	GW-041321-NK-014	94	104	85	105
240-147492-9	GW-041221-NK-002	89	106	83	107
240-147492-10	GW-041321-NK-005	90	100	82	103
240-147492-11	GW-041321-NK-007	93	107	86	108
240-147492-12	GW-041321-NK-008	92	98	85	102
240-147492-13	GW-041321-NK-012	92	100	83	104
240-147492-14	RB-041221-NK-006	91	103	83	103
240-147492-15	RB-041321-NK-017	95	113	88	108
240-147492-16	TRIP BLANK # N/A	90	105	81	106
LCS 240-481564/5	Lab Control Sample	79	98	79	101
LCS 240-481813/5	Lab Control Sample	90	104	87	107
MB 240-481564/8	Method Blank	92	110	87	112
MB 240-481813/8	Method Blank	96	107	88	106

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-481564/8
Matrix: Water
Analysis Batch: 481564

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/16/21 19:04	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/16/21 19:04	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/16/21 19:04	1
Acetone	ND		10	5.4	ug/L			04/16/21 19:04	1
Benzene	ND		1.0	0.13	ug/L			04/16/21 19:04	1
Chlorobenzene	ND		1.0	0.14	ug/L			04/16/21 19:04	1
Chloroethane	ND		1.0	0.83	ug/L			04/16/21 19:04	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/16/21 19:04	1
Ethylbenzene	ND		1.0	0.11	ug/L			04/16/21 19:04	1
Toluene	ND		1.0	0.14	ug/L			04/16/21 19:04	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/16/21 19:04	1
Trichloroethene	ND		1.0	0.10	ug/L			04/16/21 19:04	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/16/21 19:04	1
Xylenes, Total	ND		2.0	0.15	ug/L			04/16/21 19:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 130*		*04/16/21 19:04*	*1*
4-Bromofluorobenzene (Surr)	*110*		*47 - 134*		*04/16/21 19:04*	*1*
Dibromofluoromethane (Surr)	*87*		*78 - 129*		*04/16/21 19:04*	*1*
Toluene-d8 (Surr)	*112*		*69 - 122*		*04/16/21 19:04*	*1*

Lab Sample ID: LCS 240-481564/5
Matrix: Water
Analysis Batch: 481564

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	19.1		ug/L		95	65 - 141
1,1-Dichloroethane	20.0	21.2		ug/L		106	74 - 126
1,2-Dichloroethane	20.0	17.6		ug/L		88	66 - 129
Acetone	40.0	26.7		ug/L		67	33 - 155
Benzene	20.0	19.6		ug/L		98	77 - 123
Chlorobenzene	20.0	21.1		ug/L		105	80 - 120
Chloroethane	20.0	16.4		ug/L		82	41 - 147
cis-1,2-Dichloroethene	20.0	19.6		ug/L		98	75 - 124
Ethylbenzene	20.0	22.1		ug/L		111	80 - 120
Toluene	20.0	22.6		ug/L		113	79 - 122
trans-1,2-Dichloroethene	20.0	22.0		ug/L		110	74 - 130
Trichloroethene	20.0	17.4		ug/L		87	71 - 121
Vinyl chloride	20.0	21.5		ug/L		108	61 - 134
Xylenes, Total	40.0	43.7		ug/L		109	78 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*79*		*75 - 130*
4-Bromofluorobenzene (Surr)	*98*		*47 - 134*
Dibromofluoromethane (Surr)	*79*		*78 - 129*
Toluene-d8 (Surr)	*101*		*69 - 122*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-147492-1 MS
Matrix: Water
Analysis Batch: 481564

Client Sample ID: GW-041321-NK-009
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	15		20.0	34.5		ug/L		97	62 - 135
1,1-Dichloroethane	71		20.0	90.4	E	ug/L		96	71 - 121
1,2-Dichloroethane	0.90	J	20.0	17.7		ug/L		84	65 - 127
Acetone	ND		40.0	24.6		ug/L		62	32 - 157
Benzene	0.54	J	20.0	20.1		ug/L		98	70 - 121
Chlorobenzene	ND		20.0	20.5		ug/L		103	73 - 120
Chloroethane	ND		20.0	16.7		ug/L		84	37 - 142
cis-1,2-Dichloroethene	38		20.0	55.6		ug/L		87	68 - 121
Ethylbenzene	ND		20.0	21.8		ug/L		109	66 - 122
Toluene	ND		20.0	22.3		ug/L		111	68 - 124
trans-1,2-Dichloroethene	1.5		20.0	23.1		ug/L		108	69 - 126
Trichloroethene	79		20.0	99.1	E	ug/L		100	56 - 124
Vinyl chloride	5.5		20.0	26.9		ug/L		107	49 - 136
Xylenes, Total	ND		40.0	43.1		ug/L		108	64 - 124

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*83*		*75 - 130*
4-Bromofluorobenzene (Surr)	*104*		*47 - 134*
Dibromofluoromethane (Surr)	*82*		*78 - 129*
Toluene-d8 (Surr)	*106*		*69 - 122*

Lab Sample ID: 240-147492-1 MSD
Matrix: Water
Analysis Batch: 481564

Client Sample ID: GW-041321-NK-009
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	15		20.0	33.4		ug/L		92	62 - 135	3	35
1,1-Dichloroethane	71		20.0	86.7	E	ug/L		77	71 - 121	4	35
1,2-Dichloroethane	0.90	J	20.0	18.1		ug/L		86	65 - 127	2	35
Acetone	ND		40.0	23.4		ug/L		58	32 - 157	5	35
Benzene	0.54	J	20.0	19.9		ug/L		97	70 - 121	1	35
Chlorobenzene	ND		20.0	20.9		ug/L		105	73 - 120	2	35
Chloroethane	ND		20.0	15.3		ug/L		77	37 - 142	9	35
cis-1,2-Dichloroethene	38		20.0	53.4		ug/L		76	68 - 121	4	35
Ethylbenzene	ND		20.0	21.4		ug/L		107	66 - 122	2	35
Toluene	ND		20.0	22.4		ug/L		112	68 - 124	0	35
trans-1,2-Dichloroethene	1.5		20.0	22.2		ug/L		103	69 - 126	4	35
Trichloroethene	79		20.0	101	E	ug/L		108	56 - 124	2	35
Vinyl chloride	5.5		20.0	24.1		ug/L		93	49 - 136	11	35
Xylenes, Total	ND		40.0	42.9		ug/L		107	64 - 124	0	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*75 - 130*
4-Bromofluorobenzene (Surr)	*106*		*47 - 134*
Dibromofluoromethane (Surr)	*83*		*78 - 129*
Toluene-d8 (Surr)	*107*		*69 - 122*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-481813/8
Matrix: Water
Analysis Batch: 481813

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/19/21 19:50	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/19/21 19:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/19/21 19:50	1
Acetone	ND		10	5.4	ug/L			04/19/21 19:50	1
Benzene	ND		1.0	0.13	ug/L			04/19/21 19:50	1
Chlorobenzene	ND		1.0	0.14	ug/L			04/19/21 19:50	1
Chloroethane	ND		1.0	0.83	ug/L			04/19/21 19:50	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/19/21 19:50	1
Ethylbenzene	ND		1.0	0.11	ug/L			04/19/21 19:50	1
Toluene	ND		1.0	0.14	ug/L			04/19/21 19:50	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/19/21 19:50	1
Trichloroethene	ND		1.0	0.10	ug/L			04/19/21 19:50	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/19/21 19:50	1
Xylenes, Total	ND		2.0	0.15	ug/L			04/19/21 19:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 130*		*04/19/21 19:50*	*1*
4-Bromofluorobenzene (Surr)	*107*		*47 - 134*		*04/19/21 19:50*	*1*
Dibromofluoromethane (Surr)	*88*		*78 - 129*		*04/19/21 19:50*	*1*
Toluene-d8 (Surr)	*106*		*69 - 122*		*04/19/21 19:50*	*1*

Lab Sample ID: LCS 240-481813/5
Matrix: Water
Analysis Batch: 481813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	19.3		ug/L		96	65 - 141
1,1-Dichloroethane	20.0	21.0		ug/L		105	74 - 126
1,2-Dichloroethane	20.0	18.5		ug/L		92	66 - 129
Acetone	40.0	29.9		ug/L		75	33 - 155
Benzene	20.0	20.0		ug/L		100	77 - 123
Chlorobenzene	20.0	21.0		ug/L		105	80 - 120
Chloroethane	20.0	16.2		ug/L		81	41 - 147
cis-1,2-Dichloroethene	20.0	19.9		ug/L		99	75 - 124
Ethylbenzene	20.0	21.8		ug/L		109	80 - 120
Toluene	20.0	22.2		ug/L		111	79 - 122
trans-1,2-Dichloroethene	20.0	21.9		ug/L		110	74 - 130
Trichloroethene	20.0	17.6		ug/L		88	71 - 121
Vinyl chloride	20.0	20.2		ug/L		101	61 - 134
Xylenes, Total	40.0	43.3		ug/L		108	78 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 130*
4-Bromofluorobenzene (Surr)	*104*		*47 - 134*
Dibromofluoromethane (Surr)	*87*		*78 - 129*
Toluene-d8 (Surr)	*107*		*69 - 122*

QC Association Summary

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

GC/MS VOA

Analysis Batch: 481564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-147492-1	GW-041321-NK-009	Total/NA	Water	8260C	
240-147492-2	GW-041321-NK-015	Total/NA	Water	8260C	
240-147492-2	GW-041321-NK-015	Total/NA	Water	8260C	
240-147492-3	GW-041321-NK-016	Total/NA	Water	8260C	
240-147492-3	GW-041321-NK-016	Total/NA	Water	8260C	
240-147492-4	GW-041321-NK-013	Total/NA	Water	8260C	
240-147492-5	GW-041221-NK-004	Total/NA	Water	8260C	
240-147492-6	GW-041321-NK-010	Total/NA	Water	8260C	
240-147492-7	GW-041321-NK-011	Total/NA	Water	8260C	
240-147492-8	GW-041321-NK-014	Total/NA	Water	8260C	
240-147492-9	GW-041221-NK-002	Total/NA	Water	8260C	
240-147492-10	GW-041321-NK-005	Total/NA	Water	8260C	
240-147492-11	GW-041321-NK-007	Total/NA	Water	8260C	
240-147492-12	GW-041321-NK-008	Total/NA	Water	8260C	
240-147492-13	GW-041321-NK-012	Total/NA	Water	8260C	
240-147492-14	RB-041221-NK-006	Total/NA	Water	8260C	
240-147492-15	RB-041321-NK-017	Total/NA	Water	8260C	
240-147492-16	TRIP BLANK # N/A	Total/NA	Water	8260C	
MB 240-481564/8	Method Blank	Total/NA	Water	8260C	
LCS 240-481564/5	Lab Control Sample	Total/NA	Water	8260C	
240-147492-1 MS	GW-041321-NK-009	Total/NA	Water	8260C	
240-147492-1 MSD	GW-041321-NK-009	Total/NA	Water	8260C	

Analysis Batch: 481813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-147492-4	GW-041321-NK-013	Total/NA	Water	8260C	
MB 240-481813/8	Method Blank	Total/NA	Water	8260C	
LCS 240-481813/5	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

Client Sample ID: GW-041321-NK-009 — Lab Sample ID: 240-147492-1

Date Collected: 04/13/21 08:36 — **Matrix: Water**
Date Received: 04/14/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	481564	04/16/21 19:48	TJL1	TAL CAN

Client Sample ID: GW-041321-NK-015 — Lab Sample ID: 240-147492-2

Date Collected: 04/13/21 13:00 — **Matrix: Water**
Date Received: 04/14/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	481564	04/16/21 21:16	TJL1	TAL CAN
Total/NA	Analysis	8260C		100	481564	04/16/21 21:38	TJL1	TAL CAN

Client Sample ID: GW-041321-NK-016 — Lab Sample ID: 240-147492-3

Date Collected: 04/13/21 13:54 — **Matrix: Water**
Date Received: 04/14/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	481564	04/16/21 22:00	TJL1	TAL CAN
Total/NA	Analysis	8260C		10	481564	04/16/21 22:22	TJL1	TAL CAN

Client Sample ID: GW-041321-NK-013 — Lab Sample ID: 240-147492-4

Date Collected: 04/13/21 11:22 — **Matrix: Water**
Date Received: 04/14/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	481564	04/16/21 22:44	TJL1	TAL CAN
Total/NA	Analysis	8260C		4	481813	04/19/21 20:12	TJL1	TAL CAN

Client Sample ID: GW-041221-NK-004 — Lab Sample ID: 240-147492-5

Date Collected: 04/12/21 18:40 — **Matrix: Water**
Date Received: 04/14/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	481564	04/16/21 23:06	TJL1	TAL CAN

Client Sample ID: GW-041321-NK-010 — Lab Sample ID: 240-147492-6

Date Collected: 04/13/21 09:39 — **Matrix: Water**
Date Received: 04/14/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	481564	04/16/21 23:28	TJL1	TAL CAN

Client Sample ID: GW-041321-NK-011 — Lab Sample ID: 240-147492-7

Date Collected: 04/13/21 10:30 — **Matrix: Water**
Date Received: 04/14/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	481564	04/16/21 23:50	TJL1	TAL CAN

Lab Chronicle

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

Client Sample ID: GW-041321-NK-014 — Lab Sample ID: 240-147492-8

Date Collected: 04/13/21 12:18 — **Matrix: Water**
Date Received: 04/14/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	481564	04/17/21 00:12	TJL1	TAL CAN

Client Sample ID: GW-041221-NK-002 — Lab Sample ID: 240-147492-9

Date Collected: 04/12/21 14:41 — **Matrix: Water**
Date Received: 04/14/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	481564	04/17/21 00:34	TJL1	TAL CAN

Client Sample ID: GW-041321-NK-005 — Lab Sample ID: 240-147492-10

Date Collected: 04/13/21 15:22 — **Matrix: Water**
Date Received: 04/14/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	481564	04/17/21 00:56	TJL1	TAL CAN

Client Sample ID: GW-041321-NK-007 — Lab Sample ID: 240-147492-11

Date Collected: 04/13/21 07:49 — **Matrix: Water**
Date Received: 04/14/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	481564	04/17/21 01:18	TJL1	TAL CAN

Client Sample ID: GW-041321-NK-008 — Lab Sample ID: 240-147492-12

Date Collected: 04/13/21 07:49 — **Matrix: Water**
Date Received: 04/14/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	481564	04/17/21 01:40	TJL1	TAL CAN

Client Sample ID: GW-041321-NK-012 — Lab Sample ID: 240-147492-13

Date Collected: 04/13/21 10:30 — **Matrix: Water**
Date Received: 04/14/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	481564	04/17/21 03:08	TJL1	TAL CAN

Client Sample ID: RB-041221-NK-006 — Lab Sample ID: 240-147492-14

Date Collected: 04/12/21 20:15 — **Matrix: Water**
Date Received: 04/14/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	481564	04/17/21 02:02	TJL1	TAL CAN

Lab Chronicle

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

Client Sample ID: RB-041321-NK-017

Lab Sample ID: 240-147492-15

Date Collected: 04/13/21 14:10
Matrix: Water
Date Received: 04/14/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	481564	04/17/21 02:24	TJL1	TAL CAN

Client Sample ID: TRIP BLANK # N/A

Lab Sample ID: 240-147492-16

Date Collected: 04/13/21 00:00
Matrix: Water
Date Received: 04/14/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	481564	04/17/21 02:46	TJL1	TAL CAN

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Accreditation/Certification Summary

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147492-1

Laboratory: Eurofins TestAmerica, Canton

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-23-22
Connecticut	State	PH-0590	12-31-21
Florida	NELAP	E87225	06-30-21
Georgia	State	4062	02-23-22
Illinois	NELAP	004498	07-31-21
Iowa	State	421	06-01-21
Kansas	NELAP	E-10336	04-30-21
Kentucky (UST)	State	112225	02-23-21 *
Kentucky (WW)	State	KY98016	12-31-21
Minnesota	NELAP	OH00048	12-31-21
Minnesota (Petrofund)	State	3506	08-01-21
New Jersey	NELAP	OH001	06-30-21
New York	NELAP	10975	03-31-22
Ohio VAP	State	CL0024	12-21-23
Oregon	NELAP	4062	02-23-22
Pennsylvania	NELAP	68-00340	08-31-21
Texas	NELAP	T104704517-18-10	08-31-21
USDA	US Federal Programs	P330-18-00281	09-17-21
Virginia	NELAP	010101	09-14-21
Washington	State	C971	01-12-22
West Virginia DEP	State	210	12-31-21

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

1.9/2.0

Chain of Custody Record

Columbus 209

eurofins | Environment Testing America

Client Information	Sampler: Nick A Karow	Lab PM: O'Meara, Patrick J	Carrier Tracking No(s): —	COC No: 240-80647-31476.1
Client Contact: Mr. Andy Graham	Phone: (614) 888-5760	E-Mail: patrick.o'meara@eurofinset.com	State of Origin: OHIO	Page: Page 1 of ~~3~~ 2
Company: Eagon & Associates, Inc.	PWSID: —			Job #:
Address: 100 Old Wilson Bridge Road Suite 115	Due Date Requested: STANDARD			
City: Worthington	TAT Requested (days): STANDARD			
State, Zip: OH, 43085	Compliance Project: Δ Yes Δ No			
Phone: 614-888-5760(Tel) 614-888-5763(Fax)	PO #: Purchase Order not required			
Email: a.graham@eagoninc.com	WO #:			
Project Name: Summit National 2021	Project #: 24016004			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - (MOD) SSIPL VOCs (GW) (short 2018 list)	8260C - (MOD) SSIPL VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	A	A	X	
GW-041221-KS-001	4/12/21	1541	G	Water	N	N		X		
GW-041321-NK-009	4/13/21	0836	G	Water	N	Y		X		
GW-041321-NK-015	4/13/21	1300	G	Water	N	N		X		
GW-041321-NK-016	4/13/21	1354	G	Water	N	N		X		
GW-041221-NK-003	4/12/21	1736	G	Water	N	N		X		
GW-041321-NK-013	4/13/21	1122	G	Water	N	N		X		
GW-041221-NK-004	4/12/21	1840	G	Water	N	N		X		
GW-041321-NK-010	4/13/21	0939	G	Water	N	N		X		
GW-041321-NK-011	4/13/21	1030	G	Water	N	N		X		
GW-041321-NK-014	4/13/21	~~1441~~ 1218	G	Water	N	N		X		
GW-041221-NK-002	4/12/21	~~1522~~ 1441	G	Water	N	N		X		

240-147492 Chain of Custody

Possible Hazard Identification
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Nick A Karow / [signature]	4/14/20 @	EAGON			
Kyle J Shugerts / [signature]	4/14/21 @ 13:58	Eagon & Assoc	[signature]	4-14-21 1350	ETA

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 11/01/2020

4/22/2021

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

Columbus 209

eurofins | Environment Testing America

Client Information	Sampler: Nick A Karow	Lab PM: O'Meara, Patrick J	Carrier Tracking No(s): —	COC No: 240-80647-31476.2
Client Contact: Mr. Andy Graham	Phone: (614) 888-5760	E-Mail: patrick.o'meara@eurofinset.com	State of Origin: OHIO	Page: Page 2 of ~~3~~ 2
Company: Eagon & Associates, Inc.	PWSID:			Job #:
Address: 100 Old Wilson Bridge Road Suite 115	Due Date Requested: STANDARD			
City: Worthington	TAT Requested (days): STANDARD			
State, Zip: OH, 43085	Compliance Project: Δ Yes Δ No			
Phone: 614-888-5760(Tel) 614-888-5763(Fax)	PO #: Purchase Order not required			
Email: a.graham@eagoninc.com	WO #:			
Project Name: Summit National 2021	Project #: 24016004			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - (MOD) SSIPL VOCs (GW) (short 2018 list)	8260C - (MOD) SSIPL VOCs											Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A												
GW-041321-NK-005	4/13/21	1522		Water	N	N		X												
GW-041321-NK-007	4/13/21	0749		Water	N	N		X												
GW-041321-NK-008	4/13/21	0749		Water	N	N		X												
GW-041321-NK-012	4/13/21	1030		Water	N	N		X												
GW-041321-NK-009-MS	4/13/21	0836		Water	N	N		X												
GW-041321-NK-009-MSD	4/13/21	0836		Water	N	N		X												MS SAMPLE FOR 009
RB-041221-NK-006	4/12/21	2015		Water	N	N		X												MSD SAMPLE FOR 009
RB-041321-NK-017	4/13/21	1410		Water	N	N		X												
				Water																
TRIP BLANK # N/A	—	—	—	Water	N	N														
				Water																

Possible Hazard Identification
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Nick A Karow	4/12/21 @	EAGON			
Kyle J Snyder	4/14/21 @ 13:50	Eagon & Assoc.		4-14-21 1350	EA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 11/01/2020

Eurofins TestAmerica Canton Sample Receipt Form/Narrative **Login # :** 147492
Canton Facility

Client Eagon & Associates Site Name _____ Cooler unpacked by: Matt S

Cooler Received on 4-14-21 Opened on 4-14-21

FedEx: 1st Grd Exp UPS FAS Clipper ~~Client Drop Off~~ TestAmerica Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # TA Foam Box Client Cooler Box Other _____

Packing material used: ~~Bubble Wrap~~ Foam Plastic Bag None Other _____

COOLANT: ~~Wet Ice~~ Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
   IR GUN# IR-11 (CF +0.1 °C) Observed Cooler Temp. 1.9 °C Corrected Cooler Temp 2.0 °C
   IR GUN #IR-12 (CF +0.2°C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No
   -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
   -Were tamper/custody seals intact and uncompromised? Yes No NA
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?
10. Were correct bottle(s) used for the test(s) indicated? Yes No
11. Sufficient quantity received to perform indicated analyses? Yes No
12. Are these work share samples and all listed on the COC? Yes No
    If yes, Questions 13-17 have been checked at the originating laboratory.
13. Were all preserved sample(s) at the correct pH upon receipt? Yes No ~~NA~~ pH Strip Lot# **HC022887**
14. Were VOAs on the COC? Yes No
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. Yes No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 0217301F Yes No
17. Was a LL Hg or Me Hg trip blank present? _____ Yes No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page | Samples processed by:

Missing 3 x Voa GW-041221-MS-001
3x voa GW-041221-NK-003

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

WI-NC-099

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

Laboratory Job ID: 240-147913-1
Client Project/Site: Summit National - GW

For:
Eagon & Associates, Inc.
100 Old Wilson Bridge Road
Suite 115
Worthington, Ohio 43085

Attn: Mr. Mike Gibson

Patrick O'Meara

Authorized for release by:
4/28/2021 7:58:35 PM

Patrick O'Meara, Manager of Project Management
(330)966-5725
patrick.o'meara@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

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Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-147913-1

Laboratory: Eurofins TestAmerica, Canton

Narrative

CASE NARRATIVE

Client: Eagon & Associates, Inc.

Project: Summit National - GW

Report Number: 240-147913-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Eurofins TestAmerica, Canton attests to the validity of the laboratory data generated by Eurofins TestAmerica facilities reported herein. All analyses performed by Eurofins TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

RECEIPT

The samples were received on 4/21/2021 12:45 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.9º C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples GW-042121-NK-003 (240-147913-1) and GW-042121-NK-001 (240-147913-2) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 04/27/2021.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Method Summary

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147913-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL CAN
5030C	Purge and Trap	SW846	TAL CAN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147913-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-147913-1	GW-042121-NK-003	Water	04/21/21 11:22	04/21/21 12:45	
240-147913-2	GW-042121-NK-001	Water	04/21/21 10:40	04/21/21 12:45	

Detection Summary

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147913-1

Client Sample ID: GW-042121-NK-003 — Lab Sample ID: 240-147913-1

No Detections.

Client Sample ID: GW-042121-NK-001 — Lab Sample ID: 240-147913-2

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147913-1

Client Sample ID: GW-042121-NK-003

Lab Sample ID: 240-147913-1

Date Collected: 04/21/21 11:22

Matrix: Water

Date Received: 04/21/21 12:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/27/21 12:39	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/27/21 12:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/27/21 12:39	1
Acetone	ND		10	5.4	ug/L			04/27/21 12:39	1
Benzene	ND		1.0	0.13	ug/L			04/27/21 12:39	1
Chlorobenzene	ND		1.0	0.14	ug/L			04/27/21 12:39	1
Chloroethane	ND		1.0	0.83	ug/L			04/27/21 12:39	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/27/21 12:39	1
Ethylbenzene	ND		1.0	0.11	ug/L			04/27/21 12:39	1
Toluene	ND		1.0	0.14	ug/L			04/27/21 12:39	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/27/21 12:39	1
Trichloroethene	ND		1.0	0.10	ug/L			04/27/21 12:39	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/27/21 12:39	1
Xylenes, Total	ND		2.0	0.15	ug/L			04/27/21 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 130*		*04/27/21 12:39*	*1*
4-Bromofluorobenzene (Surr)	*105*		*47 - 134*		*04/27/21 12:39*	*1*
Dibromofluoromethane (Surr)	*99*		*78 - 129*		*04/27/21 12:39*	*1*
Toluene-d8 (Surr)	*94*		*69 - 122*		*04/27/21 12:39*	*1*

Client Sample Results

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147913-1

Client Sample ID: GW-042121-NK-001

Lab Sample ID: 240-147913-2

Date Collected: 04/21/21 10:40

Matrix: Water

Date Received: 04/21/21 12:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/27/21 13:03	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/27/21 13:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/27/21 13:03	1
Acetone	ND		10	5.4	ug/L			04/27/21 13:03	1
Benzene	ND		1.0	0.13	ug/L			04/27/21 13:03	1
Chlorobenzene	ND		1.0	0.14	ug/L			04/27/21 13:03	1
Chloroethane	ND		1.0	0.83	ug/L			04/27/21 13:03	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/27/21 13:03	1
Ethylbenzene	ND		1.0	0.11	ug/L			04/27/21 13:03	1
Toluene	ND		1.0	0.14	ug/L			04/27/21 13:03	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/27/21 13:03	1
Trichloroethene	ND		1.0	0.10	ug/L			04/27/21 13:03	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/27/21 13:03	1
Xylenes, Total	ND		2.0	0.15	ug/L			04/27/21 13:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 130*		*04/27/21 13:03*	*1*
4-Bromofluorobenzene (Surr)	*105*		*47 - 134*		*04/27/21 13:03*	*1*
Dibromofluoromethane (Surr)	*100*		*78 - 129*		*04/27/21 13:03*	*1*
Toluene-d8 (Surr)	*95*		*69 - 122*		*04/27/21 13:03*	*1*

Surrogate Summary

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147913-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	**Client Sample ID**	**(75-130)**	**(47-134)**	**(78-129)**	**(69-122)**
240-147913-1	GW-042121-NK-003	98	105	99	94
240-147913-2	GW-042121-NK-001	99	105	100	95
LCS 240-482938/5	Lab Control Sample	90	105	91	94
MB 240-482938/8	Method Blank	98	104	101	94

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

QC Sample Results

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147913-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-482938/8
Matrix: Water
Analysis Batch: 482938

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/27/21 11:00	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/27/21 11:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/27/21 11:00	1
Acetone	ND		10	5.4	ug/L			04/27/21 11:00	1
Benzene	ND		1.0	0.13	ug/L			04/27/21 11:00	1
Chlorobenzene	ND		1.0	0.14	ug/L			04/27/21 11:00	1
Chloroethane	ND		1.0	0.83	ug/L			04/27/21 11:00	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/27/21 11:00	1
Ethylbenzene	ND		1.0	0.11	ug/L			04/27/21 11:00	1
Toluene	ND		1.0	0.14	ug/L			04/27/21 11:00	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/27/21 11:00	1
Trichloroethene	ND		1.0	0.10	ug/L			04/27/21 11:00	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/27/21 11:00	1
Xylenes, Total	ND		2.0	0.15	ug/L			04/27/21 11:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 130*		*04/27/21 11:00*	*1*
4-Bromofluorobenzene (Surr)	*104*		*47 - 134*		*04/27/21 11:00*	*1*
Dibromofluoromethane (Surr)	*101*		*78 - 129*		*04/27/21 11:00*	*1*
Toluene-d8 (Surr)	*94*		*69 - 122*		*04/27/21 11:00*	*1*

Lab Sample ID: LCS 240-482938/5
Matrix: Water
Analysis Batch: 482938

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	20.7		ug/L		104	65 - 141
1,1-Dichloroethane	20.0	19.8		ug/L		99	74 - 126
1,2-Dichloroethane	20.0	20.3		ug/L		102	66 - 129
Acetone	40.0	37.4		ug/L		94	33 - 155
Benzene	20.0	20.7		ug/L		103	77 - 123
Chlorobenzene	20.0	20.4		ug/L		102	80 - 120
Chloroethane	20.0	20.8		ug/L		104	41 - 147
cis-1,2-Dichloroethene	20.0	20.3		ug/L		102	75 - 124
Ethylbenzene	20.0	20.8		ug/L		104	80 - 120
Toluene	20.0	20.4		ug/L		102	79 - 122
trans-1,2-Dichloroethene	20.0	20.5		ug/L		103	74 - 130
Trichloroethene	20.0	21.1		ug/L		106	71 - 121
Vinyl chloride	20.0	20.0		ug/L		100	61 - 134
Xylenes, Total	40.0	41.1		ug/L		103	78 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 130*
4-Bromofluorobenzene (Surr)	*105*		*47 - 134*
Dibromofluoromethane (Surr)	*91*		*78 - 129*
Toluene-d8 (Surr)	*94*		*69 - 122*

QC Association Summary

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147913-1

GC/MS VOA

Analysis Batch: 482938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-147913-1	GW-042121-NK-003	Total/NA	Water	8260C	
240-147913-2	GW-042121-NK-001	Total/NA	Water	8260C	
MB 240-482938/8	Method Blank	Total/NA	Water	8260C	
LCS 240-482938/5	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147913-1

Client Sample ID: GW-042121-NK-003

Lab Sample ID: 240-147913-1

Date Collected: 04/21/21 11:22
Date Received: 04/21/21 12:45

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	482938	04/27/21 12:39	HMB	TAL CAN

Client Sample ID: GW-042121-NK-001

Lab Sample ID: 240-147913-2

Date Collected: 04/21/21 10:40
Date Received: 04/21/21 12:45

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	482938	04/27/21 13:03	HMB	TAL CAN

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Accreditation/Certification Summary

Client: Eagon & Associates, Inc.
Project/Site: Summit National - GW

Job ID: 240-147913-1

Laboratory: Eurofins TestAmerica, Canton

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-23-22
Connecticut	State	PH-0590	12-31-21
Florida	NELAP	E87225	06-30-21
Georgia	State	4062	02-23-22
Illinois	NELAP	004498	07-31-21
Iowa	State	421	06-01-21
Kansas	NELAP	E-10336	04-30-21
Kentucky (UST)	State	112225	02-23-21 *
Kentucky (WW)	State	KY98016	12-31-21
Minnesota	NELAP	OH00048	12-31-21
Minnesota (Petrofund)	State	3506	08-01-21
New Jersey	NELAP	OH001	06-30-21
New York	NELAP	10975	03-31-22
Ohio VAP	State	CL0024	12-21-23
Oregon	NELAP	4062	02-23-22
Pennsylvania	NELAP	68-00340	08-31-21
Texas	NELAP	T104704517-18-10	08-31-21
USDA	US Federal Programs	P330-18-00281	09-17-21
Virginia	NELAP	010101	09-14-21
Washington	State	C971	01-12-22
West Virginia DEP	State	210	12-31-21

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

Columbus 209

2-8/29

Chain of Custody Record

Columbus 209

eurofins | Environment Testing America

Client Information	Sampler: Nick A Karow	Lab PM: O'Meara, Patrick J	Carrier Tracking No(s): —	COC No: 240-80646-14695.1
Client Contact: Mr. Andy Graham	Phone: (614) 888-5760	E-Mail: patrick.o'meara@eurofinset.com	State of Origin: OH	Page: Page 1 of 1
Company: Eagon & Associates, Inc.	PWSID: —			Job #:
Address: 100 Old Wilson Bridge Road Suite 115	Due Date Requested: STANDARD			
City: Worthington	TAT Requested (days): STANDARD			
State, Zip: OH, 43085	Compliance Project: Δ Yes Δ No			
Phone: 614-888-5760(Tel) 614-888-5763(Fax)	PO #: Purchase Order not required			
Email: a.graham@eagoninc.com	WO #: —			
Project Name: Summit National ~~Purge Water~~ ANNUAL	Project #: 24016004			
Site: SUMMIT NATIONAL	SSOW#: —			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903_Gross_Sulfide	9040C_pH	8082A_PCBs	8010C, 8081B, 8151A, 8260C, 8270D	1010A_Flashpoint	9012B_Cyanide, Total	8260C VOCs - SSIPL	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	CB	N	N	N	N	B	A1	X	
GW-042121-NK-003	4/21/21	1122	G	Water	N	N							X		
GW-042121-NK-001	4/21/21	1040	G	W	N	N							X		

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

240-147913 Chain of Custody

Possible Hazard Identification
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Nick A Karow	4/21/21 @ 1245	Eagon + Assoc	[signature]	4-21-21 1245	ETA

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Eurofins TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 240-147913

Client EAGON Site Name _____ Cooler unpacked by: Mathson

Cooler Received on 4-21-21 Opened on 4-21-21

FedEx: 1st Grd Exp UPS FAS Clipper ~~Client Drop Off~~ TestAmerica Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # 7 Foam Box Client Cooler Box Other _____

Packing material used: ~~Bubble Wrap~~ Foam Plastic Bag None Other _____

COOLANT: ~~Wet Ice~~ Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
   IR GUN# IR-11 (CF +0.1 °C) Observed Cooler Temp. 2.8 °C Corrected Cooler Temp. 2.9 °C
   IR GUN #IR-12 (CF +0.2°C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No
   -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
   -Were tamper/custody seals intact and uncompromised? Yes No NA
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?
10. Were correct bottle(s) used for the test(s) indicated? Yes No
11. Sufficient quantity received to perform indicated analyses? Yes No
12. Are these work share samples and all listed on the COC? Yes No
    If yes, Questions 13-17 have been checked at the originating laboratory.
13. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# **HC022887**
14. Were VOAs on the COC? Yes No
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. Yes No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____ Yes No
17. Was a LL Hg or Me Hg trip blank present? _____ Yes No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

WI-NC-099

FIELD INFORMATION FORM

Site Name: SUMMIT NATIONAL

Sample Point: MW-4

WELL DATA

Water-Level Date: 04/21/21 (MM/DD/YY)

Water-Level Time: 1014

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC) 1091.09 (ft/msl)

Depth to Water (DTW) (from TOC) 8.06 (ft)

Groundwater Elevation (site datum, from TOC) 1083.03 (ft/msl)

* TOC VS PROBE = 1.95'

Total Well Depth (from TOC) 24.57 (ft)

Water Column Height (well depth - DTW) 16.51 (ft)

Casing ID 04 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or (N)

Filter Device: Y or (N) 0.45~~μ or~~ ____ μ *(circle or fill in)*

Purging Device C

Sampling Device C

A-Submersible Pump
B-Peristaltic Pump
C-Bladder Pump
D-Bailer
E-Piston Pump
F-Dipper/Bottle

X - Other SAMPLE PRO (100 mL)

Pump Type (Vol) X
A-P1200M (495 mL)
B-P1101M (395 mL)
C-P1150 (130 mL)
X-Other (100 mL)

Tubing ID (Vol/Ft) C
A-3/8 inch (22 mL/ft)
B-1/4 inch (10 mL/ft)
C-0.17 inch (4.5 mL/ft)
X-Other ( )

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L/Gal) IN PUMP/TUBING:WELL CASING (circle one of each)	TOTAL VOL PURGED (Liters/Gallons) circle one	PUMP/TURBING:WELL VOLS PURGED (optional)
04/21/21	1013	00:27	02	59	2.95

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L/Gals)	pH (S.U.)	Spec. Conductance (μmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1004	8.06	—	—	—	—	—	—
1013	START	0.0	—	—	—	—	300
1023	9.35	3.0	6.46	2763	8.9	—	↓
1026	9.59	3.9	6.50	2761	8.8	—	↓
1029	9.86	4.8	6.53	2762	8.8	—	300
1034	9.98	5.3	6.58	2764	8.1	—	100
1037	9.98	5.6	6.59	2761	8.1	—	↓
1040	9.99	5.9	6.59	2764	8.1	6.23	100

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L/Gals)	pH (S.U.)	SPEC. CONDUCTANCE (μmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/21/21	1040	5.9	6.59	2764	8.1	6.23	100

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 0-5 MPH FROM SW ↗ Air Temp: ~35°F Precipitation: Y or (N)

Comments (including purge/well volume calculations if required):

FIELD COMMENTS

DO (mg/L) = 0.23

ORP (mV) = +42.0

REFILL = 15 SEC / 27 SEC

DISCHARGE = 5 SEC @ 35 PSI / 3 SEC @ 30 PSI

300 mL/MIN 100 mL/MIN

SAMPLE ID # = GW-042121-NK-001

I certify that sampling procedures were in accordance with applicable Regulatory and Site Protocols.

Date	Name	Signature
4/21/21	NICK A KARON	[signature]

EAGON & ASSOCIATES, INC.

EA-200 0320

FIELD INFORMATION FORM

Site Name: SUMMIT NATIONAL

Sample Point: MW-11

WELL DATA

Water-Level Date: 04/12/21 (MM/DD/YY)

Water-Level Time: 1013

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC) 1095.93 (ft/msl)

Depth to Water (DTW) (from TOC) 9.24 (ft)

Groundwater Elevation (site datum, from TOC) 1086.69 (ft/msl)

Total Well Depth (from TOC) 2640 (ft)

Water Column Height (well depth - DTW) 17.16 (ft)

Casing ID 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or (N)

Filter Device: Y or (N) 0.45~~µ~~ or ____ µ *(circle or fill in)*

Purging Device C

Sampling Device C

A-Submersible Pump
B-Peristaltic Pump
C-Bladder Pump
D-Bailer
E-Piston Pump
F-Dipper/Bottle

X - Other SAMPLE PRO - 100 mL

Pump Type (Vol) X
A-P1200M (495 mL)
B-P1101M (395 mL)
C-P1150 (130 mL)
X-Other (100 mL)

Tubing ID (Vol/Ft) C
A-3/8 inch (22 mL/ft)
B-1/4 inch (10 mL/ft)
C-0.17 inch (4.5 mL/ft)
X-Other ( )

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L, Gal) IN (PUMP/TUBING; WELL CASING) circle one of each	TOTAL VOL PURGED (Liters, Gallons) circle one	PUMP/TURBING; WELL VOLS PURGED (optional)
04/13/21	0820	00:16	03	80	2.66

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L, Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
0811	8.98	—	—	—	—	—	—
0820	START	00	—	—	—	—	500
0830	9.05	50	6.29	2092	101	—	500
0833	9.06	65	6.29	2063	101	—	↓
0836	9.04	80	6.29	2034	102	112	500
~~0839~~							

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L, Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/13/21	0836	80	6.29	2034	102	112	500

Sample Appearance: CLOUDY Odor: NONE Color: GREY Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 0-5 MPH FROM SW ↗ Air Temp: ~65°F Precipitation: Y or (N)

Comments (including purge/well volume calculations if required):

FIELD COMMENTS

DO (mg/L) = 0.28
ORP (mV) = +3.0

SAMPLE ID # = GW-041321-NK-009
COLLECTED MS/MSD = GW-041321-NK-009-MS/MSD

I certify that sampling procedures were in accordance with applicable Regulatory and Site Protocols.

Date	Name	Signature
4/13/21	NICK A KAROW	[signature]

EAGON & ASSOCIATES, INC.

EA-200 0320

FIELD INFORMATION FORM

Site Name: SUMMIT NATIONAL

Sample Point: MW-107

WELL DATA

Water-Level Date: 04/12/21 (MM/DD/YY)

Water-Level Time: 11:16

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC) 1098.27 (ft/msl)

Depth to Water (DTW) (from TOC) 10.29 (ft)

Groundwater Elevation (site datum, from TOC) 1087.98 (ft/msl)

Total Well Depth (from TOC) 31.00 (ft)

Water Column Height (well depth - DTW) 20.71 (ft)

Casing ID 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or (N)

Filter Device: Y or (N) ~~0.45µ or~~ ____ µ *(circle or fill in)*

Purging Device C

Sampling Device C

A-Submersible Pump
B-Peristaltic Pump
C-Bladder Pump
D-Bailer
E-Piston Pump
F-Dipper/Bottle

X - Other SAMPLE PRO (100mL)

Pump Type (Vol) X
A-P1200M (495 mL)
B-P1101M (395 mL)
C-P1150 (130 mL)
X-Other (100mL)

Tubing ID (Vol/Ft) C
A-3/8 inch (22 mL/ft)
B-1/4 inch (10 mL/ft)
C-0.17 inch (4.5 mL/ft)
X-Other ( )

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L: Gal) IN (PUMP/TUBING; WELL CASING) *circle one of each*	TOTAL VOL PURGED (Liters: Gallons) *circle one*	PUMP/TURBING; WELL VOLS PURGED *(optional)*
04/13/21	12:44	00:16	03	80	2.66

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L: Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
12:40	10.14	—	—	—	—	—	—
12:44	START	00	—	—	—	—	500
12:54	10.36	50	6.59	221.6	11.2	—	↓
12:57	10.37	65	6.59	221.7	11.5	—	↓
13:00	11.39	80	6.59	221.4	11.5	8.43	500

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L: Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/13/21	1300	80	6.59	221.4	11.5	8.43	500

Sample Appearance: CLEAR Odor: STRONG Color: NONE Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 0-5 MPH FROM SW ↗ Air Temp: ~70°F Precipitation: Y or (N)

Comments (including purge/well volume calculations if required):

FIELD COMMENTS

DO (mg/L) = 0.28
ORP (mV) = -159.7

SAMPLE ID# = GW-041321-NK-015

I certify that sampling procedures were in accordance with applicable Regulatory and Site Protocols.

Date	Name	Signature
4/13/21	Nick A Karon	[signature]

EAGON & ASSOCIATES, INC.

EA-200 0320

FIELD INFORMATION FORM

Site Name: SUMMIT NATIONAL

Sample Point: MW-108

WELL DATA

Water-Level Date: 04/12/21 (MM/DD/YY)

Water-Level Time: 09:56

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC) 1091.96 (ft/msl)

Depth to Water (DTW) (from TOC) 55.4 (ft)

Groundwater Elevation (site datum, from TOC) 1086.42 (ft/msl)

Total Well Depth (from TOC) 148.3 (ft)

Water Column Height (well depth - DTW) 128.9 (ft)

Casing ID 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or (N)

Filter Device: Y or (N) 0.45µ or ____ µ *(circle or fill in)*

Purging Device C

Sampling Device C

A-Submersible Pump
B-Peristaltic Pump
C-Bladder Pump
D-Bailer
E-Piston Pump
F-Dipper/Bottle

X - Other

Pump Type (Vol) X
A-P1200M (495 mL)
B-P1101M (395 mL)
C-P1150 (130 mL)
X-Other ( )

Tubing ID (Vol/Ft) C
A-3/8 inch (22 mL/ft)
B-1/4 inch (10 mL/ft)
C-0.17 inch (4.5 mL/ft)
X-Other ( )

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L; Gal) IN (PUMP/TUBING; WELL CASING) *circle one of each*	TOTAL VOL PURGED (Liters; Gallons) *circle one*	PUMP/TURBING; WELL VOLS PURGED *(optional)*
04/13/21	13:38	00:16	02	80	40

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L; Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
13:28	52.5	—	—	—	—	—	—
13:38	START	00	—	—	—	—	500
13:48	62.5	50	6.59	1605	9.9	—	↓
13:51	62.5	65	6.59	1615	9.9	—	↓
13:54	62.6	80	6.59	1620	10.0	60.6	500

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L; Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/13/21	13:54	80	6.59	1620	10.0	60.6	500

Sample Appearance: CLEAR Odor: MODERATE Color: LIGHT ORANGE Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 0-5 MPH FROM SW Air Temp: ~70°F Precipitation: Y or (N)

Comments (including purge/well volume calculations if required):

FIELD COMMENTS

DO (mg/L) = 0.05
ORP (mV) = -56.1

SAMPLE ID # : GW-041321-NK-016

I certify that sampling procedures were in accordance with applicable Regulatory and Site Protocols.

4/13/21 Date | NICK A KAROW Name | Signature

EAGON & ASSOCIATES, INC.

EA-200 0320

FIELD INFORMATION FORM

Site Name: SUMMIT NATIONAL

Sample Point: MW-109

WELL DATA

Water-Level Date: 04 21 21 (MM/DD/YY)

Water-Level Time: 10:58

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC) 1087.42 (ft/msl)

Depth to Water (DTW) (from TOC) 3.40 (ft)

Groundwater Elevation (site datum, from TOC) 1084.02 (ft/msl)

Total Well Depth (from TOC) 10.67 (ft)

Water Column Height (well depth - DTW) 7.27 (ft)

Casing ID 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 0.45µ or ___ µ *(circle or fill in)*

Purging Device C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device C

X - Other SAMPLE PRO (100 mL)

Pump Type (Vol) X — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other (100 mL)

Tubing ID (Vol/Ft) C — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other ( )

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L : Gal) IN (PUMP/TUBING:WELL CASING) *circle one of each*	TOTAL VOL PURGED (Liters : Gallons) *circle one*	PUMP/TURBING:WELL VOLS PURGED *(optional)*
04 21 21	11:03	00:19	0.2	5.9	29.5

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L : Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
10:58	3.40	—	—	—	—	—	—
11:03	START	0.0	—	—	—	—	500
11:13	6.55	5.0	6.42	2978	7.9	—	100
11:16	6.59	5.3	6.38	2999	7.4	—	↓
11:19	6.61	5.6	6.36	3014	7.3	—	100
11:22	6.63	5.9	6.35	3029	7.2	19.0	100

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L : Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04 21 21	11:22	5.9	6.35	3029	7.2	19.0	100

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 0.5 MPH FROM SW ↗ Air Temp: ~35°F Precipitation: Y or N

Comments (including purge/well volume calculations if required):

FIELD COMMENTS

DO (mg/L) = 0.15 REFILL = 9 SEC 20 (SAM) ≠ 28 SEC

ORP (mV) = -78.8 DISCHARGE = 3 SEC @ ~2 PSI ≠ 2 SEC @ ~15 PSI

500 mL/MIN 100 mL/MIN

SAMPLE ID# = GW-042121-NK-003

I certify that sampling procedures were in accordance with applicable Regulatory and Site Protocols.

4/21/21 — Date

NICK A KAROW — Name

[signature] — Signature

EAGON & ASSOCIATES, INC.

EA-200 0320

FIELD INFORMATION FORM

Site Name: SUMMIT NATIONAL

Sample Point: MW-111

WELL DATA

Water-Level Date: 04/12/21 (MM/DD/YY)

Water-Level Time: 10:29

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC) 1099.67 (ft/msl)

Depth to Water (DTW) (from TOC) 12.87 (ft)

Groundwater Elevation (site datum, from TOC) 1086.80 (ft/msl)

Total Well Depth (from TOC) 29.34 (ft)

Water Column Height (well depth - DTW) 16.47 (ft)

Casing ID 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or (N)

Filter Device: Y or (N) ~~0.45µ~~ or ____ µ *(circle or fill in)*

Purging Device C

Sampling Device C

A-Submersible Pump
B-Peristaltic Pump
C-Bladder Pump
D-Bailer
E-Piston Pump
F-Dipper/Bottle

X - Other SAMPLE PRO (100 mL)

Pump Type (Vol) X
A-P1200M (495 mL)
B-P1101M (395 mL)
C-P1150 (130 mL)
X-Other (100 mL)

Tubing ID (Vol/Ft) C
A-3/8 inch (22 mL/ft)
B-1/4 inch (10 mL/ft)
C-0.17 inch (4.5 mL/ft)
X-Other ( )

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L/Gal) IN (PUMP/TUBING/WELL CASING) *circle one of each*	TOTAL VOL PURGED (Liters/Gallons) *circle one*	PUMP/TURBING/WELL VOLS PURGED *(optional)*
04/13/21	11:06	00:16	03	80	2.6

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L/Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
11:00	12.61	—	—	—	—	—	—
11:06	START	00	—	—	—	—	500
11:16	12.75	50	5.76	3603	12.1	—	↓
11:19	12.74	65	5.76	3608	12.0	—	↓
11:22	12.76	80	5.75	3612	12.1	359	500

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L/Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/13/21	11:22	80	5.75	3612	12.1	359	500

Sample Appearance: SOME RED FLAKES SLIGHTLY CLOUDY Odor: SLIGHT Color: LIGHT BROWN Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 5-10 MPH FROM SW Air Temp: ~65°F Precipitation: Y or (N)

Comments (including purge/well volume calculations if required):

FIELD COMMENTS

DO (mg/L) = 0.07
ORP (mV) = +9.5 mV

SAMPLE ID# = GW-041321-NK-013

I certify that sampling procedures were in accordance with applicable Regulatory and Site Protocols.

Date	Name	Signature
4/13/21	NICK & KAREN	[signature]

EAGON & ASSOCIATES, INC.

EA-200.0320

FIELD INFORMATION FORM

Site Name: SUMMIT NATIONAL

Sample Point: MW-113

WELL DATA

Water-Level Date: 04/12/21 (MM/DD/YY)

Water-Level Time: 10:07

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC) 1088.46 (ft/msl)

Depth to Water (DTW) (from TOC) 4.56 (ft)

Groundwater Elevation (site datum, from TOC) 1083.90 (ft/msl)

Total Well Depth (from TOC) 16.46 (ft)

Water Column Height (well depth - DTW) 11.90 (ft)

Casing ID 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or (N)

Filter Device: Y or (N) 0.45µ or _____ µ *(circle or fill in)*

Purging Device C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device C

Pump Type (Vol) X — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft) C — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

X - Other SAMPLE PRO (100 mL)

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L / Gal) IN ~~(PUMP/TUBING/WELL CASING)~~ *circle one of each*	TOTAL VOL PURGED (Liters / Gallons) *circle one*	~~PUMP/TUBING/WELL~~ VOLS PURGED *(optional)*
04/12/21	18:18	00:22	02	62	31

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L / Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
18:11	4.55	—	—	—	—	—	—
18:18	START	00	—	—	NM —	—	500
18:28	9.80	50	6.87	3974	8.88	—	100
18:31	10.30	53	6.85	3997	9.1	—	↓
18:34	10.26	56	6.84	3981	9.8	—	100
18:37	10.17	59	6.82	3987	9.6	—	↓
18:40	10.13	62	6.80	4003	9.5	22.5	100

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L / Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/12/21	18:40	62	6.80	4003	9.5	22.5	100

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 0-5 MPH FROM SW ↗ Air Temp: ~60°F Precipitation: Y or (N)

Comments (including purge/well volume calculations if required):

FIELD COMMENTS

DO (mg/L) = 0.21
ORP (mV) = -31.3

SAMPLE ID# = GW-041221-NK-004

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

4/12/21 — Date
NICK A KAGON — Name
Signature

EAGON & ASSOCIATES, INC.

EA-200 0418

FIELD INFORMATION FORM

Site Name: SUMMIT NATIONAL

Sample Point: MW-114

WELL DATA

Water-Level Date: 04/12/21 (MM/DD/YY)

Water-Level Time: 11:47

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC) 1097.27 (ft/msl)

Depth to Water (DTW) (from TOC) 8.61 (ft)

Groundwater Elevation (site datum, from TOC) 1088.66 (ft/msl)

Total Well Depth (from TOC) 21.39 (ft)

Water Column Height (well depth - DTW) 12.78 (ft)

Casing ID 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or (N)

Filter Device: Y or (N) ~~0.45µ or~~ ____ µ *(circle or fill in)*

Purging Device C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device C

Pump Type (Vol) X — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other (100 mL)

Tubing ID (Vol/Ft) C — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other ( )

X - Other SAMPLE PROD (100 mL)

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L/Gal) IN (PUMP/TUBING:WELL CASING) *circle one of each*	TOTAL VOL PURGED (Liters/Gallons) *circle one*	PUMP/TURBING:WELL VOLS PURGED *(optional)*
04/13/21	09:20	00:19	02	89	4.5

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L/Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
09:14	7.93	—	—	—	—	—	—
09:20	START	00	—	—	—	—	500
09:30	11.11	50	6.13	2414	10.2	—	500
09:33	11.67	65	6.10	2433	10.2	—	400
09:36	11.77	77	6.06	2451	10.3	—	↓
09:39	11.83	89	6.02	2471	10.4	40.0	400

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L/Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/13/21	09:39	89	6.02	2471	10.4	40.0	400

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 0-5 MPH from SW ↗ Air Temp: ~65°F Precipitation: Y or (N)

Comments (including purge/well volume calculations if required):

FIELD COMMENTS

DO (mg/L) = 0.89
ORP (mV) = +24.7

SAMPLE ID # = GW-041321-NK-010

I certify that sampling procedures were in accordance with applicable Regulatory and Site Protocols.

Date	Name	Signature
4/13/21	NICK A KARON	[signature]

EAGON & ASSOCIATES, INC.

EA-200 0320

FIELD INFORMATION FORM

Site Name: SUMMIT NATIONAL

Sample Point: MW-115

WELL DATA

Water-Level Date: 041321 (MM/DD/YY)

Water-Level Time: 1154

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC) 1101.83 (ft/msl)

Depth to Water (DTW) (from TOC) 16.84 (ft)

Groundwater Elevation (site datum, from TOC) 1084.99 (ft/msl)

Total Well Depth (from TOC) 40.98 (ft)

Water Column Height (well depth - DTW) 24.14 (ft)

Casing ID 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or (N)

Filter Device: Y or (N) 0.45~~µ or~~ ____ µ *(circle or fill in)*

Purging Device C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device C

X - Other SAMPLE PRO (100 mL)

Pump Type (Vol) X — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other (100 mL)

Tubing ID (Vol/Ft) C — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other ( )

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL. (L Gal) IN (PUMP/TUBING:WELL CASING) *circle one of each*	TOTAL VOL PURGED (Liters Gallons) *circle one*	PUMP/TURBING:WELL VOLS PURGED *(optional)*
041321	1011	0019	03	80	2.6.6

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1005	16.67	—	—	—	—	—	—
1014	START	60	—	—	—	—	500
1024	16.83	50	6.25	25.14	11.9	—	↓
1029	16.84	65	6.26	25.13	11.9	—	↓
1029 (30 min)	16.86	80	6.27	25.14	11.8	7.26	500

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
041321	1030	80	6.27	25.14	11.9	7.26	500

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 0-5 MPH FROM SW Air Temp: ~65°F Precipitation: Y or (N)

Comments (including purge/well volume calculations if required):

FIELD COMMENTS

DO (mg/L) = 0.52
ORP (mV) = +4.2
SAMPLE ID# =
GW-041321-NK-011

I certify that sampling procedures were in accordance with applicable Regulatory and Site Protocols.

Date	Name	Signature
4/13/21	NICK A KAROW	

EAGON & ASSOCIATES, INC.

EA-200 0320

FIELD INFORMATION FORM

Site Name: SUMMIT NATIONAL

Sample Point: MW-207

WELL DATA

Water-Level Date: 04/12/21 (MM/DD/YY)

Water-Level Time: 11:14

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC) 1098.51 (ft/msl)

Depth to Water (DTW) (from TOC) 10.41 (ft)

Groundwater Elevation (site datum, from TOC) 1088.10 (ft/msl)

Total Well Depth (from TOC) 49.84 (ft)

Water Column Height (well depth - DTW) 39.43 (ft)

Casing ID 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N ~~0.45µ or~~ µ *(circle or fill in)*

Purging Device C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device C

X - Other SAMPLE PRO (100 mL)

Pump Type (Vol) X — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other (100mL)

Tubing ID (Vol/Ft) C — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other ( )

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L: Gal) IN (PUMP/TUBING: WELL CASING) *circle one of each*	TOTAL VOL PURGED (Liters: Gallons) *circle one*	PUMP/TURBING: WELL VOLS PURGED *(optional)*
04/13/21	10:02	00:16 (NM)	04	80	20

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L: Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
11:51	10.49	—	—	—	—	—	—
12:02	START	0.0	—	—	—	—	500
12:12	11.25	5.0	5.84	3405	11.6	—	500
12:15	11.27	6.5	5.80	3418	11.6	—	500
12:18	11.28	8.0	5.74	3430	11.5	58.0	500

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L: Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/13/21	12:18	8.0	5.74	3430	11.5	58.0	500

FIELD COMMENTS

Sample Appearance: Clear Odor: e Slight Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 5-10 MPH FROM SW ↗ Air Temp: 70°F Precipitation: Y or N

Comments (including purge/well volume calculations if required):

DO (mg/L) = 0.11 mg/L
ORP (mV) = 25.3 mV

SAMPLE ID # = GW-041321-NK-014

I certify that sampling procedures were in accordance with applicable Regulatory and Site Protocols.

4/13/21 — Date
NICK A KAROW — Name
[signature] — Signature

EAGON & ASSOCIATES, INC.

EA-200 0320

FIELD INFORMATION FORM

Site Name: SUMMIT NATIONAL

Sample Point: MW-209

WELL DATA

Water-Level Date: 04/12/21 (MM/DD/YY)

Water-Level Time: 1240

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC) 1087.66 (ft/msl)

Depth to Water (DTW) (from TOC) 50.9 (ft)

Groundwater Elevation (site datum, from TOC) 1082.57 (ft/msl)

Total Well Depth (from TOC) 37.70 (ft)

Water Column Height (well depth - DTW) 32.61 (ft)

Casing ID 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or (N)

Filter Device: Y or (N) 0.45µ or _____ µ *(circle or fill in)*

Purging Device C

Sampling Device C

A-Submersible Pump
B-Peristaltic Pump
C-Bladder Pump
D-Bailer
E-Piston Pump
F-Dipper/Bottle

X - Other SAMPLE PRO - (100 mL)

Pump Type (Vol) X
A-P1200M (495 mL)
B-P1101M (395 mL)
C-P1150 (130 mL)
X-Other (100 mL

Tubing ID (Vol/Ft) C
A-3/8 inch (22 mL/ft)
B-1/4 inch (10 mL/ft)
C-0.17 inch (4.5 mL/ft)
X-Other ( )

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L / Gal) IN (PUMP/TUBING: WELL CASING) *circle one of each*	TOTAL VOL PURGED (Liters / Gallons) *circle one*	PUMP/TUBING: WELL VOLS PURGED *(optional)*
04/12/21	1625		03		

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L / Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1606	50.9						
1625	START	00					500
1635	127.7	50	6.20	3202	105		500
1639	145.1	65	6.22	3204	104		300
1641	160.7	80	6.23	3147	105		500
1648	207.1	130	6.24	3211	104		200
1651	209.4	133	6.26	3206	106		200
1654	211.1	136	6.24	3211	107		200
1657	212.4	139	6.22	3218	108		200
1700	214.4	142	6.18	3222	110		200
1703							

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L / Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)

Sample Appearance: — Odor: — Color: — Other: —

Weather Conditions (at sample time): Wind Speed / Direction: — Air Temp: — Precipitation: Y ~~or~~ N

Comments (including purge/well volume calculations if required):

FIELD COMMENTS

CONTINUOUS DRAWDOWN @ 200 mL/min

D.O (mg/L) = —

ORP (mV) = —

DISCONTINUE / USE MP METHOD

I certify that sampling procedures were in accordance with applicable Regulatory and Site Protocols.

Date	Name	Signature
4/12/21	NICK A KAROW	

EAGON & ASSOCIATES, INC.

EA-200 0320

FIELD INFORMATION FORM

Site Name: SUMMIT NATIONAL

Sample Point: MW-209

WELL DATA

Water-Level Date: 04/12/21 (MM/DD/YY)

Water-Level Time: 12:40

Purge/Sample Method: MP
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC) 1087.66 (ft/msl)

Depth to Water (DTW) (from TOC) 5.09 (ft)

Groundwater Elevation (site datum, from TOC) 1082.57 (ft/msl)

Total Well Depth (from TOC) 37.76 (ft)

Water Column Height (well depth - DTW) 32.61 (ft)

Casing ID 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or ~~N~~

Filter Device: Y or (N) ~~0.45µ~~ or _____ µ *(circle or fill in)*

Purging Device C

Sampling Device C

A-Submersible Pump
B-Peristaltic Pump
C-Bladder Pump
D-Bailer
E-Piston Pump
F-Dipper/Bottle

X - Other SAMPLE PRO. (100 mL)

Pump Type (Vol) X
A-P1200M (495 mL)
B-P1101M (395 mL)
C-P1150 (130 mL)
X-Other (100mL)

Tubing ID (Vol/Ft) C
A-3/8 inch (22 mL/ft)
B-1/4 inch (10 mL/ft)
C-0.17 inch (4.5 mL/ft)
X-Other ( )

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L Gal) IN (PUMP/TUBING; WELL CASING) *circle one of each*	TOTAL VOL PURGED (Liters; Gallons) *circle one*	~~PUMP/TUBING~~; WELL VOLS PURGED *(optional)*
04/13/21	14:36	00:05	03	05	1.66

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
14:24	5.08	—	—	—	—	—	—
14:36	START	00	—	—	—	—	100
14:41	5.51	05	6.08	3274	13.8	39.8	↓
14:48	6.26	END	—	—	—	—	100

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/13/21	14:41	05	6.08	3274	13.8	39.8	100

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 0-5 MPH FROM SW ↗ Air Temp: ~70°F Precipitation: Y or ~~N~~

Comments (including purge/well volume calculations if required): MAX DEPTH TO WATER = 5.08' + 5.00' = 10.08

FIELD COMMENTS

DO (~~mg/L~~ NTU) = 0.51 — water level does not stabilize @ low-flow rates.

ORP (mV) = +29.4

SAMPLE ID # = GW-041321-KS-002

I certify that sampling procedures were in accordance with applicable Regulatory and Site Protocols.

Date	Name	Signature
4/13/21	NICK A KARLOW	[signature]

EAGON & ASSOCIATES, INC.

EA-200 0320

FIELD INFORMATION FORM

Site Name: SUMMIT NATIONAL

Sample Point: MW-220

WELL DATA

Water-Level Date: 04/12/21 (MM/DD/YY)

Water-Level Time: 1247

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC) 1090.92 (ft/msl)

Depth to Water (DTW) (from TOC) 78.4 (ft)

Groundwater Elevation (site datum, from TOC) 1083.08 (ft/msl)

Total Well Depth (from TOC) 386.5 (ft)

Water Column Height (well depth - DTW) 308.1 (ft)

Casing ID 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or (N)

Filter Device: Y or (N) 0.45~~µ or~~ ____ µ *(circle or fill in)*

Purging Device C

Sampling Device C

A-Submersible Pump
B-Peristaltic Pump
C-Bladder Pump
D-Bailer
E-Piston Pump
F-Dipper/Bottle

X - Other SAMPLE PROW (100 mL)

Pump Type (Vol) X
A-P1200M (495 mL)
B-P1101M (395 mL)
C-P1150 (130 mL)
X-Other (100 mL)

Tubing ID (Vol/Ft) C
A-3/8 inch (22 mL/ft)
B-1/4 inch (10 mL/ft)
C-0.17 inch (4.5 mL/ft)
X-Other ( )

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L: Gal) IN (PUMP/TUBING: WELL CASING) circle one of each	TOTAL VOL PURGED (Liters Gallons) circle one	PUMP/TURBING: WELL VOLS PURGED (optional)
04/12/21	1905		03		

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1900	78.5						
1905	START	00					500
1915	141.3	50	7.29	3830	11.0		100
1918	149.1	53	7.36	3828	10.9		↓
1921	150.7	56	7.38	3831	10.7		100
1924	154.5	59	7.39	3833	10.7		↓
1927	156.9	62	7.41	3832	10.7		100
1938	237.9	130	7.46	3824	10.6		100
1941	238.7	133	7.46	3826	10.5		↓
1944	240.7	136	7.47	3827	10.5		100
1947	243.4	139	7.47	3825	10.5		100

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/12/21							100

Sample Appearance: — Odor: — Color: — Other: —

Weather Conditions (at sample time): Wind Speed / Direction: — Air Temp: — Precipitation: ~~Y~~ or N

Comments (including purge/well volume calculations if required):

FIELD COMMENTS

DO (mg/L) =
ORP (mV) =

Continuous Drawdown @ 100ml/min.
Discontinue Purging / Perform MP Method.

SAMPLE ID# = GW-041221-NK-005

I certify that sampling procedures were in accordance with applicable Regulatory and Site Protocols.

Date	Name	Signature
4/12/21	Nick A Karow	

EAGON & ASSOCIATES, INC.

EA-200 0320

FIELD INFORMATION FORM

Site Name: SUMMIT NATIONAL

Sample Point: MW-220

WELL DATA

Water-Level Date: 041221 (MM/DD/YY)

Water-Level Time: 1247

Purge/Sample Method: ~~LF~~ MP (NAL)
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC) 109092 (ft/msl)

Depth to Water (DTW) (from TOC) 784 (ft)

Groundwater Elevation (site datum, from TOC) 108308 (ft/msl)

Total Well Depth (from TOC) 3865 (ft)

Water Column Height (well depth - DTW) 3081 (ft)

Casing ID 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or (N)

Filter Device: Y or (N) ~~0.45µ~~ or ____ µ *(circle or fill in)*

Purging Device C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device C

X - Other SAMPLE PRO (100 mL)

Pump Type (Vol) X — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other (100 mL)

Tubing ID (Vol/Ft) C — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other ( )

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L: Gal) IN (PUMP/TUBING: WELL CASING) *circle one of each*	TOTAL VOL PURGED (Liters: Gallons) *circle one*	PUMP/TURBING: WELL VOLS PURGED *(optional)*
041321	1517	00:05	03	05	1.66

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L: Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1507	8.19	—	—	—	—	—	~~100~~
1517	START	00	—	—	—	—	~~500~~ (NAL)
1522	8.89	05	7.00	3754	13.6	~~32.7~~ OK (NAL)	↓
1526	9.42	END	—	—	—	—	100

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L: Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
041321	1522	05	7.00	3754	13.6	32.7	100

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 0-5 MPH FROM SW↗ Air Temp: ~70°F Precipitation: Y or (N)

Comments (including purge/well volume calculations if required): MAX DEPTH TO WATER = 8.19' + 5.00' = 13.19'

DO (mg/L) = 0.75
ORP (mV) = +29.3

SAMPLE ID# = GW-041321-NK-005

I certify that sampling procedures were in accordance with applicable Regulatory and Site Protocols.

4/13/21 — Date
NICK A KARON — Name
[signature] — Signature

EAGON & ASSOCIATES, INC.

EA-200 0320

FIELD INFORMATION FORM

Site Name: SUMMIT NATIONAL

Sample Point: MW-224

WELL DATA

Water-Level Date: 04 12 21 (MM/DD/YY)

Water-Level Time: 1004

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC) 108.41 (ft/msl)

Depth to Water (DTW) (from TOC) 10.70 (ft)

Groundwater Elevation (site datum, from TOC) 107.71 (ft/msl)

Total Well Depth (from TOC) 36.62 (ft)

Water Column Height (well depth - DTW) 25.92 (ft)

Casing ID 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or (N)

Filter Device: Y or (N) 0.45µ or ___ µ *(circle or fill in)*

Purging Device C

Sampling Device C

A-Submersible Pump
B-Peristaltic Pump
C-Bladder Pump
D-Bailer
E-Piston Pump
F-Dipper/Bottle

Pump Type (Vol) X
A-P1200M (495 mL)
B-P1101M (395 mL)
C-P1150 (130 mL)
X-Other (100 mL)

Tubing ID (Vol/Ft) C
A-3/8 inch (22 mL/ft)
B-1/4 inch (10 mL/ft)
C-0.17 inch (4.5 mL/ft)
X-Other ( )

X - Other SAMPLE PRO (100 mL)

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L: Gal) IN (PUMP/TUBING:WELL CASING) *circle one of each*	TOTAL VOL PURGED (Liters: Gallons) *circle one*	PUMP/TURBING:WELL VOLS PURGED *(optional)*
041321	0730	0019	03	83	27.6

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L: Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
0720	11.91	—	—	—	—	—	—
0730	START	0.0	—	—	—	—	500
0740	14.38	5.0	6.20	3813	10.9	—	500
0743	14.76	6.5	6.31	3815	10.9	—	300
0746	14.77	7.4	6.35	3804	10.8	—	↓
0749	14.37	8.3	6.39	3812	10.6	5.34	300

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L: Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
041321	0749	8.3	6.39	3812	10.6	5.34	300

FIELD COMMENTS

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 0-5 mph FROM SW↗ Air Temp: ~50°F Precipitation: Y or (N)

Comments (including purge/well volume calculations if required):

DO (mg/L) = 0.13
ORP (mV) = +2.2

SAMPLE ID # = GW-041321-NK-007

I certify that sampling procedures were in accordance with applicable Regulatory and Site Protocols.

4/13/21 Date

Nick A Karow Name

[signature] Signature

EAGON & ASSOCIATES, INC.

EA-200 0320

FIELD INFORMATION FORM

Site Name: _____ **Sample Point:** DUPLICATE #1

WELL DATA

Water-Level Date: _____ (MM/DD/YY) **Water-Level Time:** _____ **Purge/Sample Method:** _____
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC) _____ (ft/msl) **Depth to Water (DTW) (from TOC)** _____ (ft) **Groundwater Elevation (site datum, from TOC)** _____ (ft/msl)

Total Well Depth (from TOC) _____ (ft) Water Column Height (well depth - DTW) _____ (ft) Casing ID _____ (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N Filter Device: Y or N 0.45µ or _____ µ *(circle or fill in)*

Purging Device _____ A-Submersible Pump B-Peristaltic Pump C-Bladder Pump D-Bailer E-Piston Pump F-Dipper/Bottle

Sampling Device _____

X - Other _____

Pump Type (Vol) _____ A-P1200M (495 mL) B-P1101M (395 mL) C-P1150 (130 mL) X-Other ( )

Tubing ID (Vol/Ft) _____ A-3/8 inch (22 mL/ft) B-1/4 inch (10 mL/ft) C-0.17 inch (4.5 mL/ft) X-Other ( )

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L : Gal) IN (PUMP/TUBING:WELL CASING) *circle one of each*	TOTAL VOL PURGED (Liters : Gallons) *circle one*	PUMP/TURBING:WELL VOLS PURGED *(optional)*

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L : Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L / Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/13/21	0714	8.3	6.39	3812	10.6	4.89	300

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 0-5 MPH From SW ↗ Air Temp: ~50°F Precipitation: Y or N

Comments (including purge/well volume calculations if required):

FIELD COMMENTS

DUPLICATE #1 IS AN EXACT FIELD DUPLICATE BY CONTAINER OF MONITORING
DO (mg/L) = 0.13 WELL MW-224. SEE FIELD SHEET FOR
ORP (mV) = +2.2 MW-224 FOR WELL INFO.
SAMPLE PARAMETERS COLLECTED USING A FLOW THROUGH CELL.
SAMPLE ID # = GW-041312-NK-008

I certify that sampling procedures were in accordance with applicable Regulatory and Site Protocols.

4/13/21 Date — NICK A KARON Name — Signature

EAGON & ASSOCIATES, INC.

EA-200 0320

FIELD INFORMATION FORM

Site Name: SUMMIT NATIONAL

Sample Point: DUPLICATE #2

WELL DATA

Water-Level Date: (MM/DD/YY)

Water-Level Time:

Purge/Sample Method:
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC) (ft/msl)

Depth to Water (DTW) (from TOC) (ft)

Groundwater Elevation (site datum, from TOC) (ft/msl)

Total Well Depth (from TOC) (ft)

Water Column Height (well depth - DTW) (ft)

Casing ID (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 0.45µ or ____ µ *(circle or fill in)*

Purging Device ____ A-Submersible Pump B-Peristaltic Pump C-Bladder Pump D-Bailer E-Piston Pump F-Dipper/Bottle

Sampling Device ____

X - Other ____

Pump Type (Vol) ____ A-P1200M (495 mL) B-P1101M (395 mL) C-P1150 (130 mL) X-Other ( )

Tubing ID (Vol/Ft) ____ A-3/8 inch (22 mL/ft) B-1/4 inch (10 mL/ft) C-0.17 inch (4.5 mL/ft) X-Other ( )

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L : Gal) IN (PUMP/TUBING:WELL CASING) *circle one of each*	TOTAL VOL PURGED (Liters : Gallons) *circle one*	PUMP/TURBING:WELL VOLS PURGED *(optional)*

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L : Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L) Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
041321	1030	80	6.27	2514	11.9	6.74	500

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 0-5 mph FROM SW ? Air Temp: ~65°F Precipitation: Y or N

Comments (including purge/well volume calculations if required):

FIELD COMMENTS

SAMPLE PARAMETERS COLLECTED USING A FLOW-THROUGH CELL.
DUPLICATE #2 IS AN EXACT DUPLICATE BY CONTAINER OF MONITORING WELL MW-115, SEE FIELD SHEET FOR MW-115 FOR WELL AND PURGE INFO
DO (mg/L) = 0.52
ORP (mV) = +4.2
SAMPLE ID # = GW-041321-NK-02

I certify that sampling procedures were in accordance with applicable Regulatory and Site Protocols.

4/13/21 — Date
NICK A KAROW — Name
Signature

EAGON & ASSOCIATES, INC.

EA-200 0320

FIELD INFORMATION FORM

Site Name: SUMMIT NATIONAL

Sample Point: RINSE BLANK #1

WELL DATA

Water-Level Date: (MM/DD/YY)

Water-Level Time:

Purge/Sample Method:
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC) (ft/msl)

Depth to Water (DTW) (from TOC) (ft)

Groundwater Elevation (site datum, from TOC) (ft/msl)

Total Well Depth (from TOC) (ft)

Water Column Height (well depth - DTW) (ft)

Casing ID (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 0.45µ or ____ µ *(circle or fill in)*

Purging Device ____ A-Submersible Pump B-Peristaltic Pump C-Bladder Pump D-Bailer E-Piston Pump F-Dipper/Bottle

Sampling Device ____

X - Other ____

Pump Type (Vol) ____ A-P1200M (495 mL) B-P1101M (395 mL) C-P1150 (130 mL) X-Other ( )

Tubing ID (Vol/Ft) ____ A-3/8 inch (22 mL/ft) B-1/4 inch (10 mL/ft) C-0.17 inch (4.5 mL/ft) X-Other ( )

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L : Gal) IN (PUMP/TUBING:WELL CASING) *circle one of each*	TOTAL VOL PURGED (Liters : Gallons) *circle one*	PUMP/TURBING:WELL VOLS PURGED *(optional)*

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L : Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED ~~(L : Gals)~~	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/12/21	2015	—	8.13	764	14.7	0.43	—

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 0-5 MPH FROM SW Air Temp: ~65°F Precipitation: Y or N

Comments (including purge/well volume calculations if required):

FIELD COMMENTS

RINSE BLANK #1 SAMPLE COLLECTED BY POURING LAB-SUPPLIED DEIONIZED WATER OVER THE SAMPLE PRO PUMP AND INTO SAMPLE CONTAINERS AFTER USE AND DECON AT WELL MW-220.
SAMPLE ID# = RB-041221-NK-006

I certify that sampling procedures were in accordance with applicable Regulatory and Site Protocols.

Date	Name	Signature
4/12/21	Nick A Karow	

EAGON & ASSOCIATES, INC.

EA-200 0320

FIELD INFORMATION FORM

Site Name: SUMMIT NATIONAL

Sample Point: RINSE BLANK #2

WELL DATA

Water-Level Date: (MM/DD/YY)

Water-Level Time:

Purge/Sample Method:
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC) (ft/msl)

Depth to Water (DTW) (from TOC) (ft)

Groundwater Elevation (site datum, from TOC) (ft/msl)

Total Well Depth (from TOC) (ft)

Water Column Height (well depth - DTW) (ft)

Casing ID (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 0.45µ or µ *(circle or fill in)*

Purging Device / Sampling Device: A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X - Other

Pump Type (Vol): A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other ( )

Tubing ID (Vol/Ft): A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other ( )

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L : Gal) IN (PUMP/TUBING:WELL CASING) *circle one of each*	TOTAL VOL PURGED (Liters : Gallons) *circle one*	PUMP/TURBING:WELL VOLS PURGED *(optional)*

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L : Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (~~L : Gals~~)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (~~mL/min~~)
041321	1416	—	9.12	5412	14.8	0.31	—

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 0-5 MPH FROM SW ↗ Air Temp: ~70°F Precipitation: Y or N

Comments (including purge/well volume calculations if required):

FIELD COMMENTS

RINSE BLANK #2 SAMPLE COLLECTED BY POURING LAB-SUPPLIED DE-IONIZED WATER OVER SAMPLE PRO PUMP DIRECTLY INTO SAMPLE CONTAINERS AFTER DECON AND USE IN WELL MW-108

SAMPLE ID #: RB-041321-NK-01

I certify that sampling procedures were in accordance with applicable Regulatory and Site Protocols.

4/13/21 — Date

NICK A KAROW — Name

Signature

EAGON & ASSOCIATES, INC.

EA-200 0320

FIELD METER CALIBRATION RECORD

Project Name: SUMMIT NATIONAL Sampler(s): NICK A KAROW, KYLE SIMMERTS

pH Meter(s): Make/Model/Serial No: INSITU / AQUATROLL 400 / 656364

Buffer Brand/Expiration: pH 4 WO/ 4/4/22 ; pH 7 WO/ 2/7/22 ; pH 10 WO/ 6/19/22

Date	Time	Calibrate/Check	pH 4 Buffer Result (S.U.)	pH 7 Buffer Result (S.U.)	pH 10 Buffer Result (S.U.)	Temp. of Cal. Soln' (°C)
4/12/21	14:15	CALIBRATE	4.00	7.00	10.01	14.2
4/13/21	0650	CALIBRATE	4.00	7.00	10.03	15.8
4/21/21	0916	CALIBRATE	4.00	7.00	10.01	15.0

Conductivity/Temp. Meter(s): Make/Model/Serial No: INSITU / AQUATROLL 400 / 656364

Cond. Solution Brand/Expiration: WO/ 5/7/21 Cond. Solution Value (@ 25 °C): 1413

Date	Time	Calibrate/Check	Cond. Standard Result (µmhos/cm)	Temp. of Cond. Soln' (°C)	Notes:
4/12/21	14:15	CALIBRATE	1413.9	14.6	
4/13/21	0651	CALIBRATE	1412.9	15.9	
4/21/21	0920	CALIBRATE	1413.4	14.8	

Turbidity Meter(s): Make/Model/Serial No.: HACH / 2100Q / 14110C037172

Date	Time	Calibrate/Check	Gel Value (NTU)	Reading (NTU)	Notes:
4/12/21	1415	CHECK	5.63	5.85	
4/13/21	0655	CHECK	5.63	5.71	
4/21/21	0925	CHECK	5.63	5.69	

Sampler (Name): Nick A Karow Sampler (Signature): [signature]

APPENDIX B.

LABORATORY ANALYTICAL REPORTS AND FIELD FORMS, APRIL 2021 S&E DITCH SURFACE-WATER SAMPLING RESULTS

SAMPLE IDENTIFICATION SUMMARY
APRIL 2021 SAMPLING EVENT
SUMMIT NATIONAL SUPERFUND SITE

Sample ID	Sample Name	Lab ID
Groundwater Samples		
MW-4	GW-042121-KS-001	240-147913-2
MW-11	GW-041321-NK-009	240-147492-1
MW-107	GW-041321-NK-015	240-147492-2
MW-108	GW-041321-NK-016	240-147492-3
MW-109	GW-042121-NK-003	240-147913-1
MW-111	GW-041321-NK-013	240-147492-4
MW-113	GW-041221-NK-004	240-147492-5
MW-114	GW-041321-NK-010	240-147492-6
MW-115	GW-041321-NK-011	240-147492-7
MW-207	GW-041321-NK-014	240-147492-8
MW-209	GW-041221-NK-002[1]	240-147492-9
MW-220	GW-041321-NK-005	240-147492-10
MW-224	GW-041321-NK-007	240-147492-11
QA/QC Samples (GW)		
Duplicate #1 (MW-224)	GW-041321-NK-008	240-147492-12
Duplicate #2 (MW-115)	GW-041321-NK-012	240-147492-13
MS (MW-11)	GW-041321-NK-009-MS	240-147492-1 MS
MSD (MW-11)	GW-041321-NK-009-MSD	240-147492-1 MSD
Rinse Blank #1	RB-041221-NK-006	240-147492-14
Rinse Blank #2	RB-041321-NK-017	240-147492-15
Surface Water Samples		
S&E Ditch	SW-041312-NK-018	240-147496-1

Notes:

DUP - Duplicate; RB - Rinse Blank; FB - Field Blank; MS - Matrix Spike; MSD - Matrix Spike Duplicate

[1] Laboratory referenced sample name; Assigned name shown on field forms and COC is GW-041321-NK-002

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

Laboratory Job ID: 240-147496-1
Client Project/Site: Summit National - SW

For:
Eagon & Associates, Inc.
100 Old Wilson Bridge Road
Suite 115
Worthington, Ohio 43085

Attn: Mr. Mike Gibson

Patrick O'Meara

Authorized for release by:
4/21/2021 9:14:05 AM

Patrick O'Meara, Manager of Project Management
(330)966-5725
patrick.o'meara@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Eagon & Associates, Inc.
Project/Site: Summit National - SW

Job ID: 240-147496-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-147496-1

Laboratory: Eurofins TestAmerica, Canton

Narrative

CASE NARRATIVE

Client: Eagon & Associates, Inc.

Project: Summit National - SW

Report Number: 240-147496-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Eurofins TestAmerica, Canton attests to the validity of the laboratory data generated by Eurofins TestAmerica facilities reported herein. All analyses performed by Eurofins TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

RECEIPT

The samples were received on 4/14/2021 1:50 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.0º C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples SW-041312-NK-018 (240-147496-1) and TRIP BLANK #N/A (240-147496-2) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 04/16/2021.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 240-481561.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Method Summary

Client: Eagon & Associates, Inc.
Project/Site: Summit National - SW

Job ID: 240-147496-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL CAN
5030C	Purge and Trap	SW846	TAL CAN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Eagon & Associates, Inc.
Project/Site: Summit National - SW

Job ID: 240-147496-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-147496-1	SW-041312-NK-018	Water	04/13/21 16:00	04/14/21 13:50	
240-147496-2	TRIP BLANK #N/A	Water	04/13/21 00:00	04/14/21 13:50	

Detection Summary

Client: Eagon & Associates, Inc.
Project/Site: Summit National - SW

Job ID: 240-147496-1

Client Sample ID: SW-041312-NK-018 — Lab Sample ID: 240-147496-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.20	J	1.0	0.17	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	1.8		1.0	0.16	ug/L	1		8260C	Total/NA
Trichloroethene	0.33	J	1.0	0.10	ug/L	1		8260C	Total/NA

Client Sample ID: TRIP BLANK #N/A — Lab Sample ID: 240-147496-2

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Eagon & Associates, Inc.
Project/Site: Summit National - SW

Job ID: 240-147496-1

Client Sample ID: SW-041312-NK-018

Lab Sample ID: 240-147496-1

Date Collected: 04/13/21 16:00
Date Received: 04/14/21 13:50

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/16/21 23:08	1
1,1-Dichloroethane	**0.20**	**J**	1.0	0.17	ug/L			04/16/21 23:08	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/16/21 23:08	1
Acetone	ND		10	5.4	ug/L			04/16/21 23:08	1
Benzene	ND		1.0	0.13	ug/L			04/16/21 23:08	1
Chlorobenzene	ND		1.0	0.14	ug/L			04/16/21 23:08	1
Chloroethane	ND		1.0	0.83	ug/L			04/16/21 23:08	1
cis-1,2-Dichloroethene	**1.8**		1.0	0.16	ug/L			04/16/21 23:08	1
Ethylbenzene	ND		1.0	0.11	ug/L			04/16/21 23:08	1
Toluene	ND		1.0	0.14	ug/L			04/16/21 23:08	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/16/21 23:08	1
Trichloroethene	**0.33**	**J**	1.0	0.10	ug/L			04/16/21 23:08	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/16/21 23:08	1
Xylenes, Total	ND		2.0	0.15	ug/L			04/16/21 23:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 130*		*04/16/21 23:08*	*1*
4-Bromofluorobenzene (Surr)	*96*		*47 - 134*		*04/16/21 23:08*	*1*
Dibromofluoromethane (Surr)	*99*		*78 - 129*		*04/16/21 23:08*	*1*
Toluene-d8 (Surr)	*103*		*69 - 122*		*04/16/21 23:08*	*1*

Client Sample Results

Client: Eagon & Associates, Inc.
Project/Site: Summit National - SW

Job ID: 240-147496-1

Client Sample ID: TRIP BLANK #N/A

Lab Sample ID: 240-147496-2

Date Collected: 04/13/21 00:00
Matrix: Water
Date Received: 04/14/21 13:50

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/16/21 23:30	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/16/21 23:30	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/16/21 23:30	1
Acetone	ND		10	5.4	ug/L			04/16/21 23:30	1
Benzene	ND		1.0	0.13	ug/L			04/16/21 23:30	1
Chlorobenzene	ND		1.0	0.14	ug/L			04/16/21 23:30	1
Chloroethane	ND		1.0	0.83	ug/L			04/16/21 23:30	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/16/21 23:30	1
Ethylbenzene	ND		1.0	0.11	ug/L			04/16/21 23:30	1
Toluene	ND		1.0	0.14	ug/L			04/16/21 23:30	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/16/21 23:30	1
Trichloroethene	ND		1.0	0.10	ug/L			04/16/21 23:30	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/16/21 23:30	1
Xylenes, Total	ND		2.0	0.15	ug/L			04/16/21 23:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 130*		*04/16/21 23:30*	*1*
4-Bromofluorobenzene (Surr)	*98*		*47 - 134*		*04/16/21 23:30*	*1*
Dibromofluoromethane (Surr)	*99*		*78 - 129*		*04/16/21 23:30*	*1*
Toluene-d8 (Surr)	*102*		*69 - 122*		*04/16/21 23:30*	*1*

Surrogate Summary

Client: Eagon & Associates, Inc.
Project/Site: Summit National - SW

Job ID: 240-147496-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	**Client Sample ID**	**(75-130)**	**(47-134)**	**(78-129)**	**(69-122)**
240-147496-1	SW-041312-NK-018	100	96	99	103
240-147496-2	TRIP BLANK #N/A	99	98	99	102
LCS 240-481561/5	Lab Control Sample	95	107	96	106
MB 240-481561/8	Method Blank	97	97	96	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

QC Sample Results

Client: Eagon & Associates, Inc.
Project/Site: Summit National - SW

Job ID: 240-147496-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-481561/8
Matrix: Water
Analysis Batch: 481561

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/16/21 19:05	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/16/21 19:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/16/21 19:05	1
Acetone	ND		10	5.4	ug/L			04/16/21 19:05	1
Benzene	ND		1.0	0.13	ug/L			04/16/21 19:05	1
Chlorobenzene	ND		1.0	0.14	ug/L			04/16/21 19:05	1
Chloroethane	ND		1.0	0.83	ug/L			04/16/21 19:05	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/16/21 19:05	1
Ethylbenzene	ND		1.0	0.11	ug/L			04/16/21 19:05	1
Toluene	ND		1.0	0.14	ug/L			04/16/21 19:05	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/16/21 19:05	1
Trichloroethene	ND		1.0	0.10	ug/L			04/16/21 19:05	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/16/21 19:05	1
Xylenes, Total	ND		2.0	0.15	ug/L			04/16/21 19:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 130*		*04/16/21 19:05*	*1*
4-Bromofluorobenzene (Surr)	*97*		*47 - 134*		*04/16/21 19:05*	*1*
Dibromofluoromethane (Surr)	*96*		*78 - 129*		*04/16/21 19:05*	*1*
Toluene-d8 (Surr)	*101*		*69 - 122*		*04/16/21 19:05*	*1*

Lab Sample ID: LCS 240-481561/5
Matrix: Water
Analysis Batch: 481561

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	18.4		ug/L		92	65 - 141
1,1-Dichloroethane	20.0	21.1		ug/L		106	74 - 126
1,2-Dichloroethane	20.0	18.0		ug/L		90	66 - 129
Acetone	40.0	59.3		ug/L		148	33 - 155
Benzene	20.0	21.7		ug/L		109	77 - 123
Chlorobenzene	20.0	19.9		ug/L		99	80 - 120
Chloroethane	20.0	21.7		ug/L		109	41 - 147
cis-1,2-Dichloroethene	20.0	20.6		ug/L		103	75 - 124
Ethylbenzene	20.0	20.3		ug/L		102	80 - 120
Toluene	20.0	22.2		ug/L		111	79 - 122
trans-1,2-Dichloroethene	20.0	21.0		ug/L		105	74 - 130
Trichloroethene	20.0	17.8		ug/L		89	71 - 121
Vinyl chloride	20.0	21.8		ug/L		109	61 - 134
Xylenes, Total	40.0	42.6		ug/L		107	78 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 130*
4-Bromofluorobenzene (Surr)	*107*		*47 - 134*
Dibromofluoromethane (Surr)	*96*		*78 - 129*
Toluene-d8 (Surr)	*106*		*69 - 122*

QC Association Summary

Client: Eagon & Associates, Inc.
Project/Site: Summit National - SW

Job ID: 240-147496-1

GC/MS VOA

Analysis Batch: 481561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-147496-1	SW-041312-NK-018	Total/NA	Water	8260C	
240-147496-2	TRIP BLANK #N/A	Total/NA	Water	8260C	
MB 240-481561/8	Method Blank	Total/NA	Water	8260C	
LCS 240-481561/5	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

Client: Eagon & Associates, Inc.
Project/Site: Summit National - SW

Job ID: 240-147496-1

Client Sample ID: SW-041312-NK-018

Lab Sample ID: 240-147496-1

Date Collected: 04/13/21 16:00
Matrix: Water
Date Received: 04/14/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	481561	04/16/21 23:08	TJL1	TAL CAN

Client Sample ID: TRIP BLANK #N/A

Lab Sample ID: 240-147496-2

Date Collected: 04/13/21 00:00
Matrix: Water
Date Received: 04/14/21 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	481561	04/16/21 23:30	TJL1	TAL CAN

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Accreditation/Certification Summary

Client: Eagon & Associates, Inc.
Project/Site: Summit National - SW

Job ID: 240-147496-1

Laboratory: Eurofins TestAmerica, Canton

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-23-22
Connecticut	State	PH-0590	12-31-21
Florida	NELAP	E87225	06-30-21
Georgia	State	4062	02-23-21 *
Illinois	NELAP	004498	07-31-21
Iowa	State	421	06-01-21
Kansas	NELAP	E-10336	04-30-21
Kentucky (UST)	State	112225	02-23-21 *
Kentucky (WW)	State	KY98016	12-31-21
Minnesota	NELAP	OH00048	12-31-21
Minnesota (Petrofund)	State	3506	08-01-21
New Jersey	NELAP	OH001	06-30-21
New York	NELAP	10975	03-31-22
Ohio VAP	State	CL0024	12-21-23
Oregon	NELAP	4062	02-23-22
Pennsylvania	NELAP	68-00340	08-31-21
Texas	NELAP	T104704517-18-10	08-31-21
USDA	US Federal Programs	P330-18-00281	09-17-21
Virginia	NELAP	010101	09-14-21
Washington	State	C971	01-12-22
West Virginia DEP	State	210	12-31-21

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

1.9/20

Chain of Custody Record

Columbus 209

eurofins | Environment Testing America

Client Information	Sampler: Nick A Karow	Lab PM: O'Meara, Patrick J	Carrier Tracking No(s): —	COC No: 240-80647-31476.3
Client Contact: Mr. Andy Graham	Phone: (614) 888-5760	E-Mail: patrick.o'meara@eurofinset.com	State of Origin: OHIO	Page: Page 1 of 1
Company: Eagon & Associates, Inc.	PWSID: —			Job #:
Address: 100 Old Wilson Bridge Road Suite 115	Due Date Requested: STANDARD			
City: Worthington	TAT Requested (days): STANDARD			
State, Zip: OH, 43085	Compliance Project: Δ Yes Δ No			
Phone: 614-888-5760(Tel) 614-888-5763(Fax)	PO #: Purchase Order not required			
Email: a.graham@eagoninc.com	WO #:			
Project Name: Summit National 2021	Project #: 24016004			
Site: SUMMIT NATIONAL	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - (MOD) SSIPL VOCs (GW) (short 2018 list)	8260C - (MOD) SSIPL VOCs									Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A										
SW-041312-NK-018	4/13/21	1600	G	Water	N	N		X										
				Water														
TRIP BLANK # N/A	—	—	~~G~~ (NA)	W	N	N												

240-147496 Chain of Custody

Possible Hazard Identification
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Nick A Karow	4/14/21 @	EAGON			
Kyle J Shugerts	4/14/21 @ 13:50	Eagon & Assoc		4-14-21 1350	ETA

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 11/01/2020

Eurofins TestAmerica Canton Sample Receipt Form/Narrative **Login # :** 147496
Canton Facility

Client Eagon Site Name _____ Cooler unpacked by: Mathson

Cooler Received on 4-14-21 Opened on 4-14-21

FedEx: 1st Grd Exp UPS FAS Clipper ~~Client Drop Off~~ TestAmerica Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # 78 Foam Box Client Cooler Box Other _____

Packing material used: ~~Bubble Wrap~~ Foam Plastic Bag None Other _____

COOLANT: ~~Wet Ice~~ Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
   IR GUN# IR-11 (CF +0.1 °C) Observed Cooler Temp. 1.9 °C Corrected Cooler Temp. 2.0 °C
   IR GUN #IR-12 (CF +0.2°C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No
   -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
   -Were tamper/custody seals intact and uncompromised? Yes No NA
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?
10. Were correct bottle(s) used for the test(s) indicated? Yes No
11. Sufficient quantity received to perform indicated analyses? Yes No
12. Are these work share samples and all listed on the COC? Yes No
    If yes, Questions 13-17 have been checked at the originating laboratory.
13. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# **HC022887**
14. Were VOAs on the COC? Yes No
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. Yes No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 0212801F Yes No
17. Was a LL Hg or Me Hg trip blank present? _____ Yes No

Tests that are not checked for pH by Receiving:

VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

WI-NC-099

FIELD INFORMATION FORM

Site Name: SUMMIT NATIONAL

Sample Point: S+E DITCH SURFACE WATER

WELL DATA

Water-Level Date: (MM/DD/YY)

Water-Level Time:

Purge/Sample Method:
LF = Low Flow MP = Minimum Purge Dry = Dry Volumetric

Well Elevation (at TOC) (ft/msl)

Depth to Water (DTW) (from TOC) (ft)

Groundwater Elevation (site datum, from TOC) (ft/msl)

Total Well Depth (from TOC) (ft)

Water Column Height (well depth - DTW) (ft)

Casing ID (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 0.45µ or ____ µ *(circle or fill in)*

Purging Device ____ A-Submersible Pump B-Peristaltic Pump C-Bladder Pump D-Bailer E-Piston Pump F-Dipper/Bottle

Sampling Device ____

X - Other ____

Pump Type (Vol) ____ A-P1200M (495 mL) B-P1101M (395 mL) C-P1150 (130 mL) X-Other ( )

Tubing ID (Vol/Ft) ____ A-3/8 inch (22 mL/ft) B-1/4 inch (10 mL/ft) C-0.17 inch (4.5 mL/ft) X-Other ( )

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L : Gal) IN (PUMP/TUBING:WELL CASING) *circle one of each*	TOTAL VOL PURGED (Liters : Gallons) *circle one*	PUMP/TURBING:WELL VOLS PURGED *(optional)*

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L : Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L : Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
041321	1600	—	7.80	9112	19.0	11.61	—

Sample Appearance: CLEAR Odor: NONE Color: NONE Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 0-5 mph FROM SW Air Temp: ~70°F Precipitation: Y or N

Comments (including purge/well volume calculations if required): DO (mg/L) = 8.70 STAFF GAUGE = 3.65

ORP (mV) = +11.4

FIELD COMMENTS

S+E DITCH

SURFACE WATER SAMPLE COLLECTED BY USING NEW POLYPROPYLENE SYRINGE

RINSED 3+ TIMES WITH SAMPLE WATER SUBMERGED ~2" BELOW SURFACE.

COLLECTED NEAR CONFLUENCE OF S+E DITCHES.

SAMPLE ID# = SW-041321-NK-018

I certify that sampling procedures were in accordance with applicable Regulatory and Site Protocols.

Date	Name	Signature
4/13/21	NICK A KAROW	[signature]

EAGON & ASSOCIATES, INC.

EA-200 0320

FIELD METER CALIBRATION RECORD

Project Name: SUMMIT NATIONAL Sampler(s): NICK A KAROW, KYLE SIMMERTS

pH Meter(s): Make/Model/Serial No: INSITU / AQUATROLL 400 / 656364

Buffer Brand/Expiration: pH 4 WO/ 4/4/22 ; pH 7 WO/ 2/7/22 ; pH 10 WO/ 6/19/22

Date	Time	Calibrate/Check	pH 4 Buffer Result (S.U.)	pH 7 Buffer Result (S.U.)	pH 10 Buffer Result (S.U.)	Temp. of Cal. Soln' (°C)
4/12/21	14:15	CALIBRATE	4.00	7.00	10.01	14.2
4/13/21	0650	CALIBRATE	4.00	7.00	10.03	15.8
4/21/21	0916	CALIBRATE	4.00	7.00	10.01	15.0

Conductivity/Temp. Meter(s): Make/Model/Serial No: INSITU / AQUATROLL 400 / 656364

Cond. Solution Brand/Expiration: WO/ 5/7/21 Cond. Solution Value (@ 25 °C): 1413

Date	Time	Calibrate/Check	Cond. Standard Result (µmhos/cm)	Temp. of Cond. Soln' (°C)	Notes:
4/12/21	14:15	CALIBRATE	1413.9	14.6	
4/13/21	0651	CALIBRATE	1412.9	15.9	
4/21/21	0920	CALIBRATE	1413.4	14.8	

Turbidity Meter(s): Make/Model/Serial No.: HACH / 2100Q / 14110C037172

Date	Time	Calibrate/Check	Gel Value (NTU)	Reading (NTU)	Notes:
4/12/21	1415	CHECK	5.63	5.85	
4/13/21	0655	CHECK	5.63	5.71	
4/21/21	0925	CHECK	5.63	5.69	

Sampler (Name): Nick A Karow Sampler (Signature): [signature]

APPENDIX C.

DATA VALIDATION RESULTS

DATA VALIDATION RESULTS

Groundwater Samples

Groundwater samples were collected from 13 monitoring wells during the April 2021 annual monitoring event at the Summit National Superfund Site (Site). Trip blanks, rinse blanks, duplicates, and matrix spike (MS)/matrix spike duplicate (MSD) samples were collected and analyzed per the frequency specified in the Quality Assurance Project Plan (QAPP). Specifically, two separate trip blanks accompanied the groundwater samples and was analyzed for volatile organic compounds (VOCs) by SW-846 Method 8260C, two rinse blank samples and two duplicate samples (MW-4 and MW-224) were collected and analyzed for the complete list of event parameters (VOCs), and MS/MSD samples were collected from one site monitoring well (MW-11).

Duplicate sample results are compared to original sample results on the attached summary table (Table C-1) and the relative percent difference (RPD) were evaluated for each set of quantified results. All calculable RPDs for these results were within acceptable ranges for this event.

The sample receipt summary (included in the laboratory analytical report) indicates that samples were received at the laboratory at temperatures of 2.0 and 2.9°C and all samples were adequately preserved.

Analysis of VOCs includes results that are below the practical quantitation limits (PQLs) but are above the method detection limits (MDLs). These results are qualified with a "J" qualifier indicating that the result is an estimated value. The analytical results narrative provided by the laboratory, Eurofins-Test America Laboratories of North Canton, Ohio (Eurofins), specifies dilution factors used and deviations from quality control (QC) protocols.

Volatile Organic Compounds

Samples were analyzed for VOCs by SW-846 Method 8260C. All analyses were performed within the required method holding time. All surrogate, blank spike, and continuing calibration verification recoveries were compliant and there were no detections of target compounds reported in the method blank analyses. MS/MSD recoveries also were compliant. There were no VOC detections above the PQLs in the trip blanks. Dilution factors used for analysis of samples from MW-107 (10-100 times), MW-108 (10 times), and MW-111 (4 times) have resulted in correspondingly higher PQLs. Reported results from MW-107, MW-108, and MW-111 are in some cases non-detect for compounds typically detected during past events and some results are reported as estimated at levels similar to previously quantified detections.

Surface-Water Samples

A surface-water sample was collected from the confluence of the south and east ditches. One trip blank was analyzed for volatile organic compounds only. Samples were analyzed for VOCs by SW-846 Method 8260C.

The sample receipt summary (included in the laboratory analytical report) indicates that samples were received at the laboratory at a temperature of 2.0°C and all samples were adequately preserved.

Analysis of VOCs includes results that are below the RL but are above the MDL. These results are qualified with a "J" qualifier indicating that the result is an estimated value. The analytical results narrative provided by the laboratory, Eurofins, specifies deviations from quality control (QC) protocols.

Volatile Organic Compounds

Samples were analyzed for VOCs by SW-846 Method 8260C. All analyses were performed within the required method holding time. All surrogate and continuing calibration

verification recoveries were compliant and there were no detections of target compounds reported in the method blank analyses.

Summary

The April 2021 annual monitoring event performed at the Summit National Superfund Site included collection of groundwater samples from 13 monitoring wells. A surface-water sample also was collected from the south and east ditch. The appropriate number of duplicate samples, rinse blank, field blank, and MS/MSD samples were collected in accordance with the requirements specified in the QAPP. Trip blanks for VOC analyses were included in each cooler that contained samples for VOC analysis. Sample results were qualified as estimated as described in this data validation report. No results were rejected and therefore completeness for the April 2021 groundwater monitoring event is 100 percent.

TABLE C-1.
RELATIVE PERCENT DIFFERENCES OF QUANTIFIED RESULTS
SUMMIT NATIONAL SUPERFUND SITE

Location				
Parameter	**Units**	**Investigative Sample**	**Duplicate Sample**	**RPD**
MW-4		GW-041321-NK-007	GW-041321-NK-008	
1,1,1-Trichloroethane	ug/L	ND (1.0)	ND (1.0)	NC
1,1-Dichloroethane	ug/L	ND (1.0)	ND (1.0)	NC
1,2-Dichloroethane	ug/L	ND (1.0)	ND (1.0)	NC
Acetone	ug/L	ND (10)	ND (10)	NC
Benzene	ug/L	ND (1.0)	ND (1.0)	NC
Chlorobenzene	ug/L	ND (1.0)	ND (1.0)	NC
Chloroethane	ug/L	ND (1.0)	ND (1.0)	NC
cis-1,2-Dichloroethene	ug/L	ND (1.0)	ND (1.0)	NC
Ethylbenzene	ug/L	ND (1.0)	ND (1.0)	NC
Toluene	ug/L	ND (1.0)	ND (1.0)	NC
trans-1,2-Dichloroethene	ug/L	ND (1.0)	ND (1.0)	NC
Trichloroethene	ug/L	ND (1.0)	ND (1.0)	NC
Vinyl chloride	ug/L	ND (1.0)	ND (1.0)	NC
Xylene (total)	ug/L	ND (2.0)	ND (2.0)	NC
MW-224		GW-041321-NK-011	GW-041321-NK-012	
1,1,1-Trichloroethane	ug/L	ND (1.0)	ND (1.0)	NC
1,1-Dichloroethane	ug/L	1.3	1.3	0.0
1,2-Dichloroethane	ug/L	0.34 J	0.3 J	NC
Acetone	ug/L	ND (10)	ND (10)	NC
Benzene	ug/L	ND (1.0)	ND (1.0)	NC
Chlorobenzene	ug/L	ND (1.0)	ND (1.0)	NC
Chloroethane	ug/L	ND (1.0)	ND (1.0)	NC
cis-1,2-Dichloroethene	ug/L	4.3	4.3	0.0
Ethylbenzene	ug/L	ND (1.0)	ND (1.0)	NC
Toluene	ug/L	ND (1.0)	ND (1.0)	NC
trans-1,2-Dichloroethene	ug/L	ND (1.0)	ND (1.0)	NC
Trichloroethene	ug/L	ND (1.0)	0.1 J	NC
Vinyl chloride	ug/L	ND (1.0)	ND (1.0)	NC
Xylene (total)	ug/L	ND (2.0)	ND (2.0)	NC

Notes:

ND (1.0) = Non-Detect to a PQL of 1.0
RPD = Relative Percent Difference
NC = Not Calculable

APPENDIX D.

TIME-SERIES PLOTS OF WATER-QUALITY DATA, ANNUAL MONITORING WELLS

WATER TABLE UNIT WELLS

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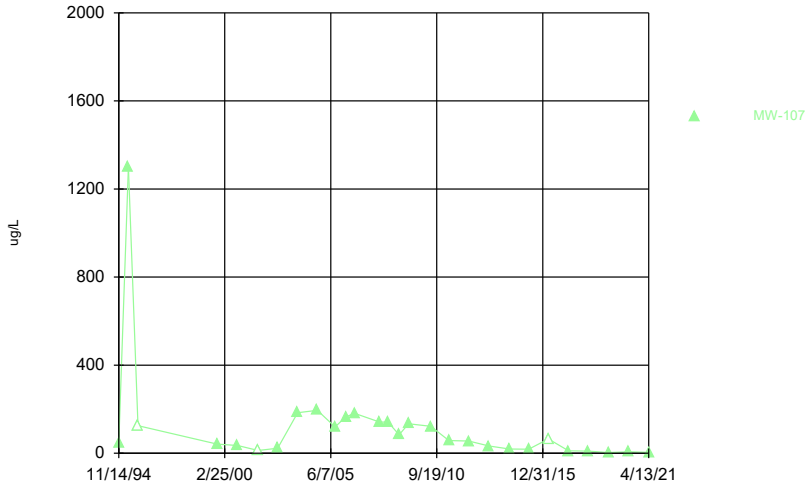
Hollow symbols indicate censored values.

Time Series



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Summit National Site Client: Summit National Site Data: Summit.National.Database

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Hollow symbols indicate censored values.

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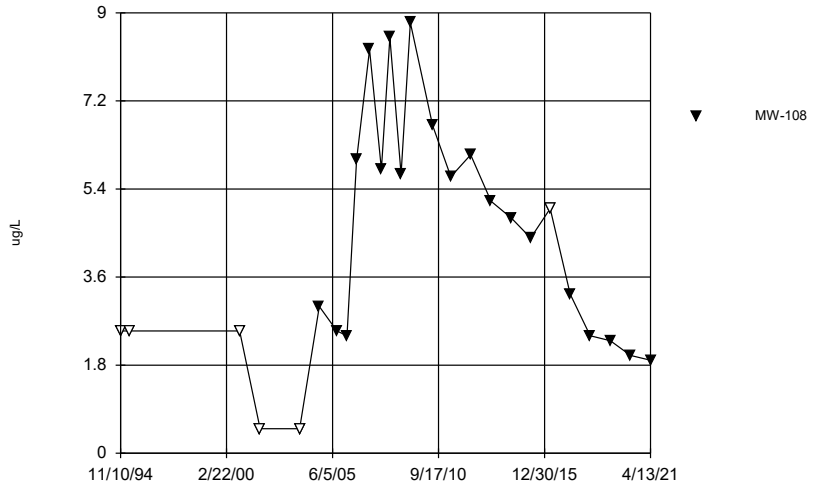

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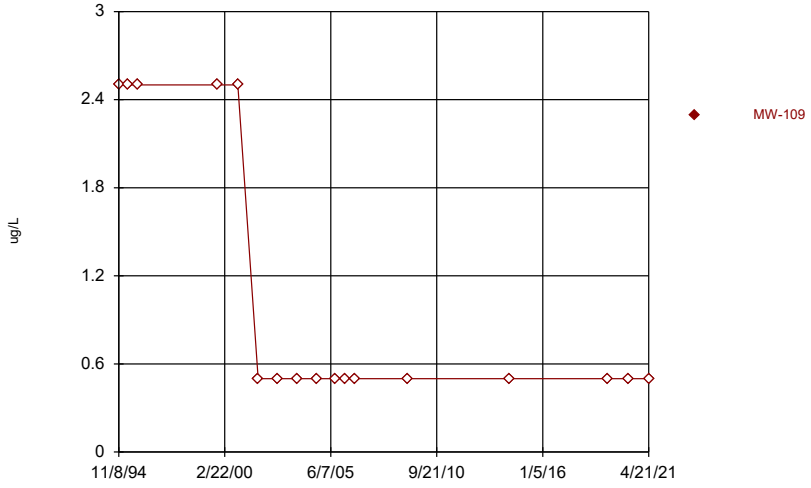

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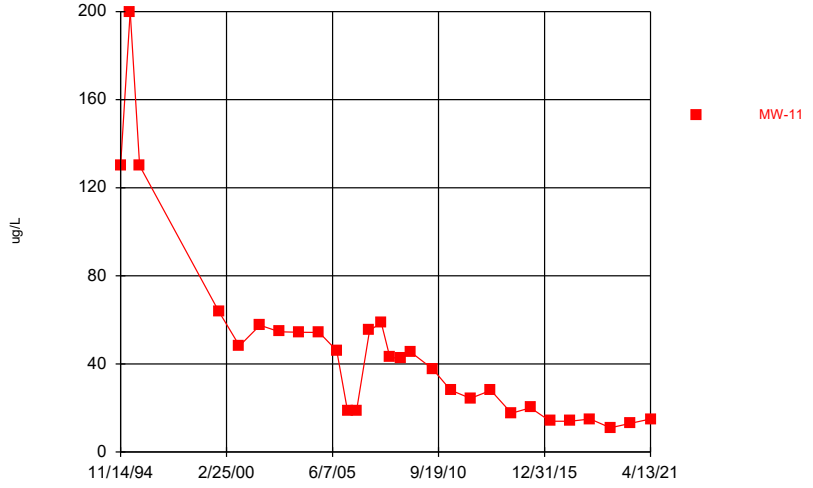

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Hollow symbols indicate censored values.

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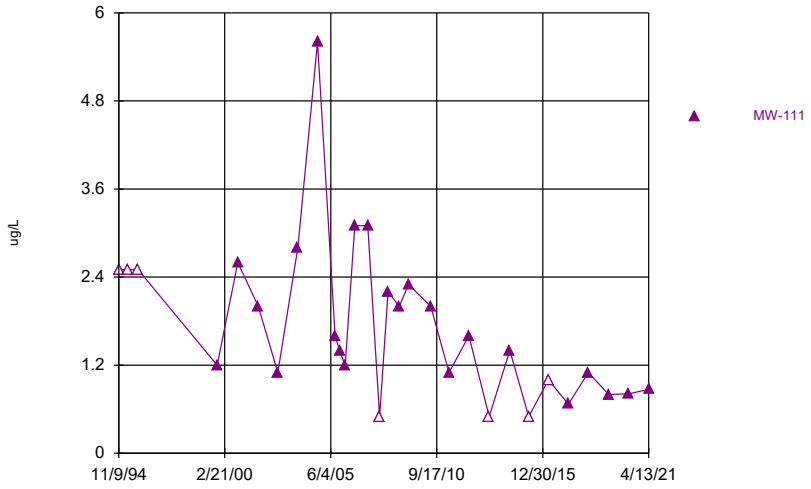

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Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
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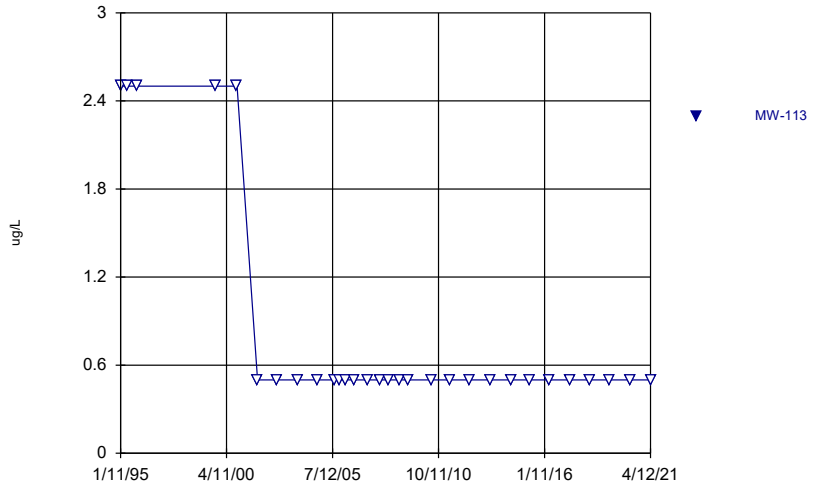

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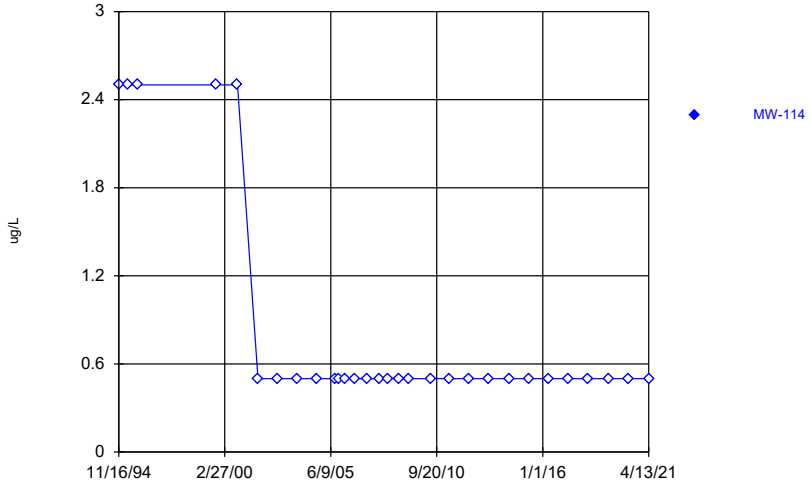

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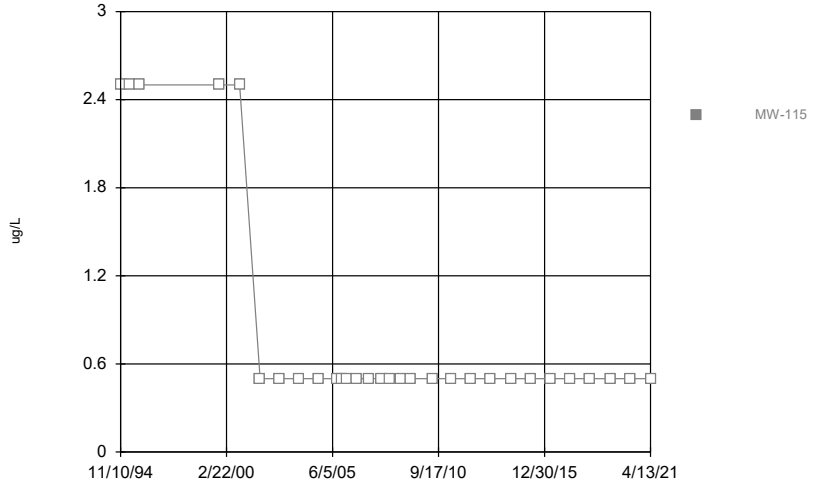

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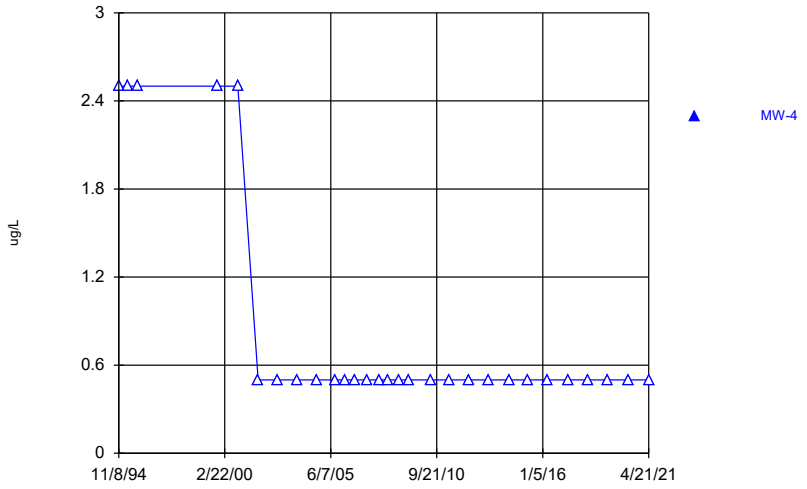

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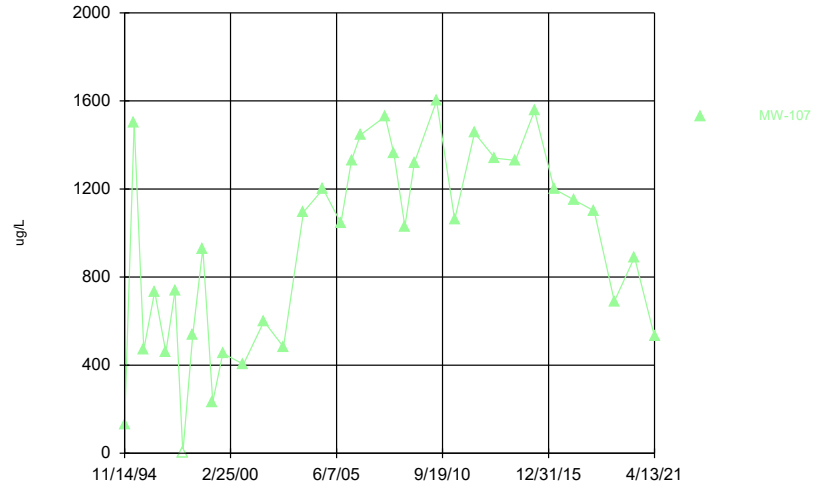
Hollow symbols indicate censored values.

Time Series



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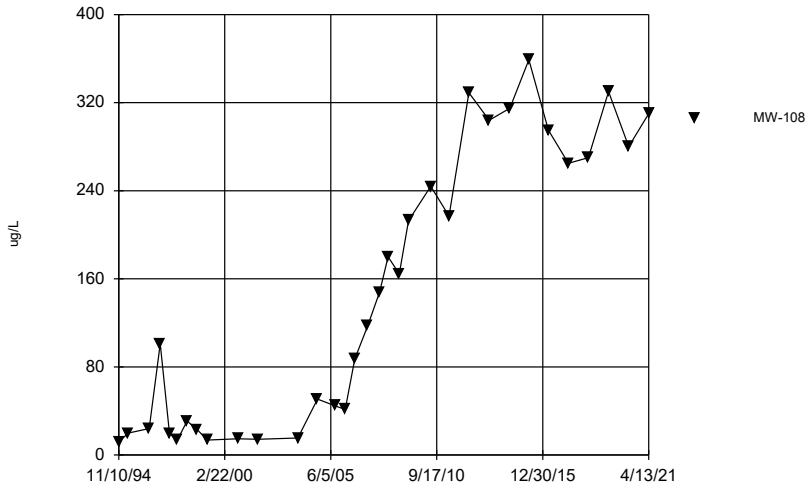
Time Series



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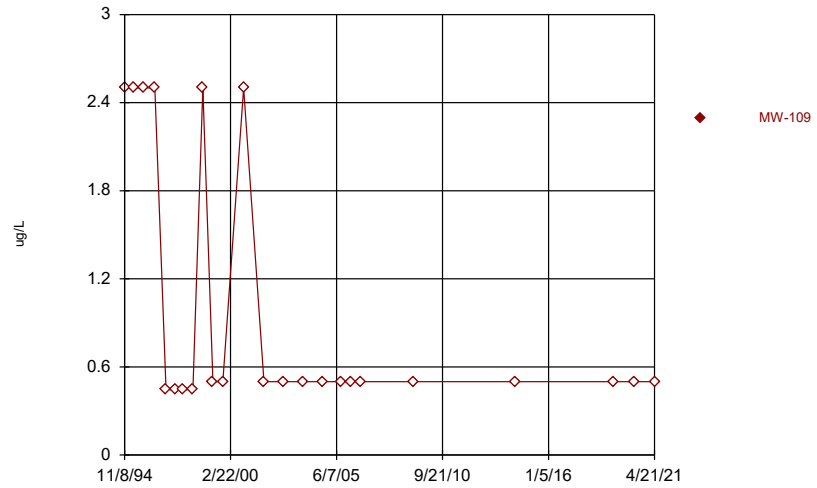
Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: 1,1-Dichloroethane Analysis Run 9/7/2021 12:40 PM View: WTU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

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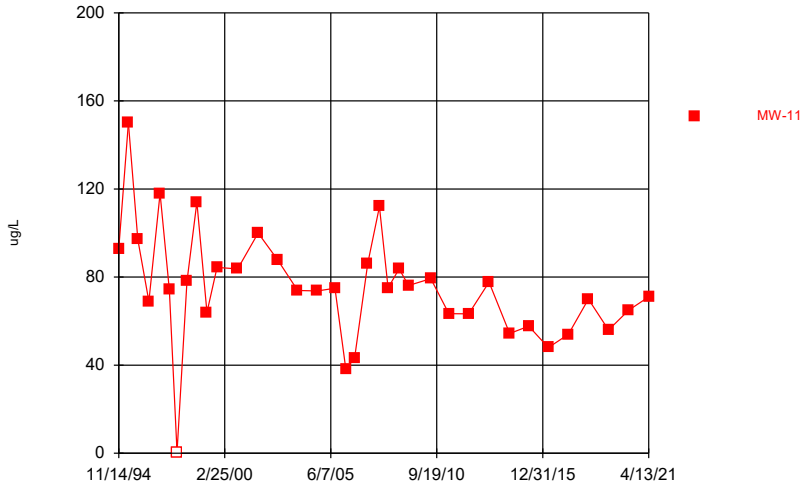
Hollow symbols indicate censored values.

Time Series



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Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
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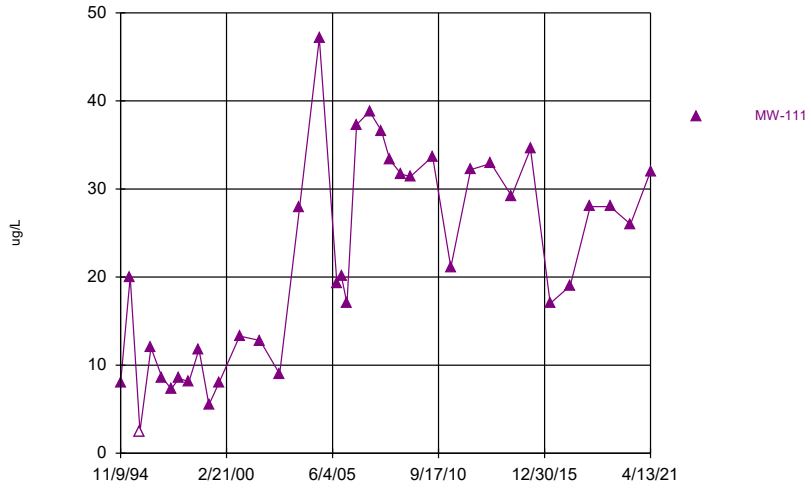
Time Series



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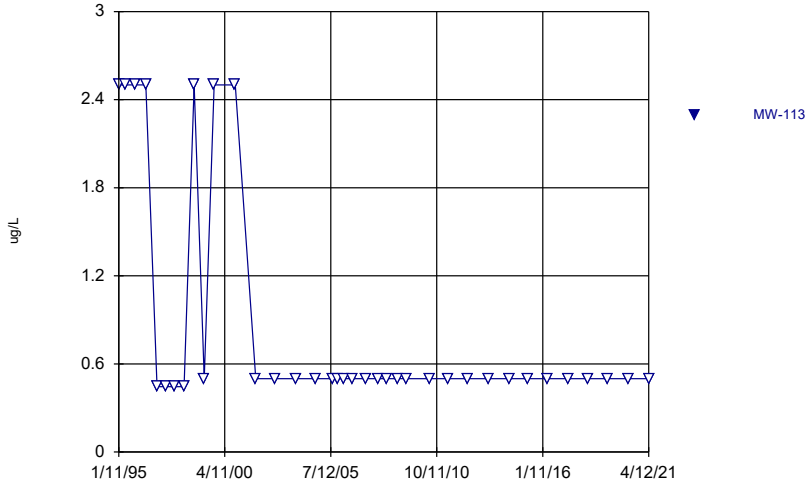

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Summit National Site Client: Summit National Site Data: Summit.National.Database

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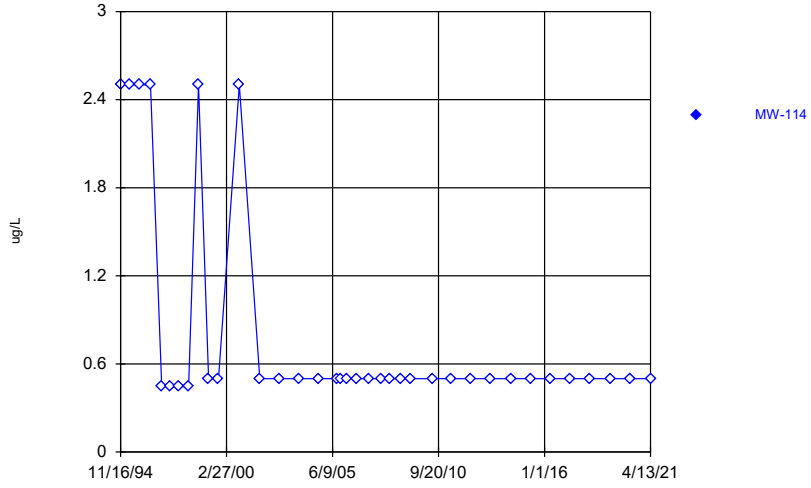
Time Series



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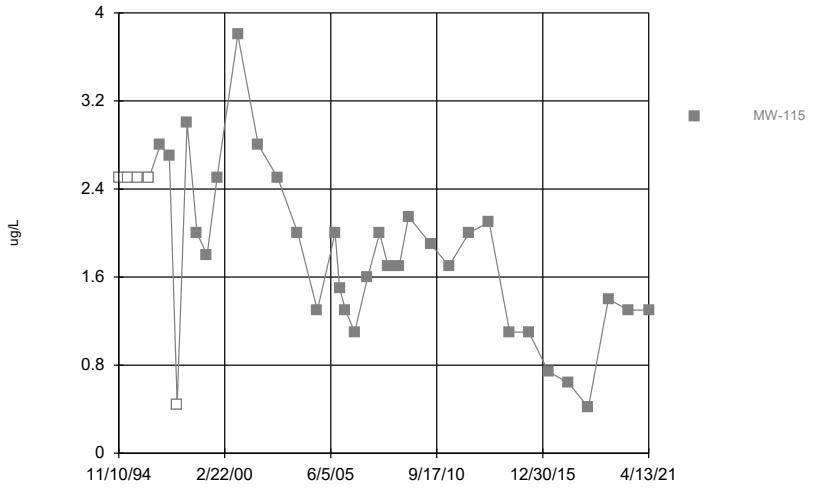
Time Series



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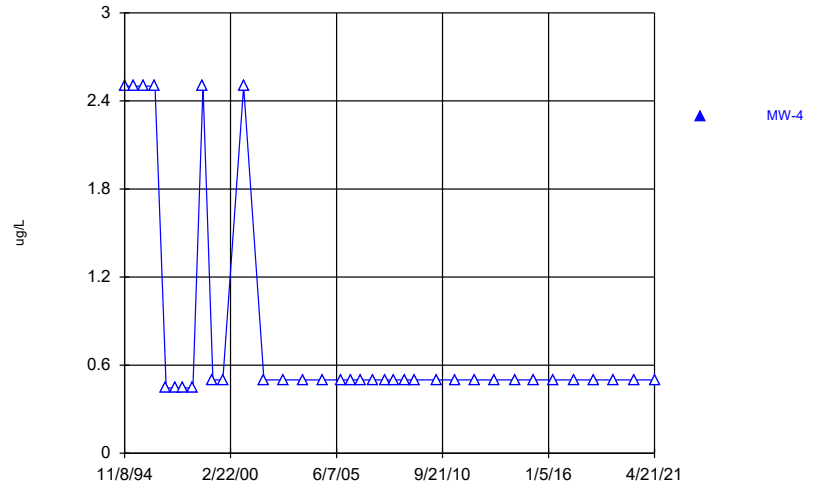

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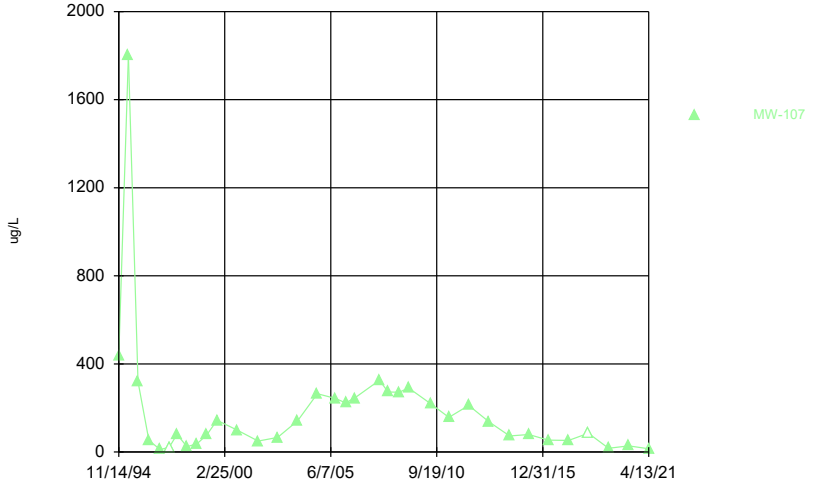

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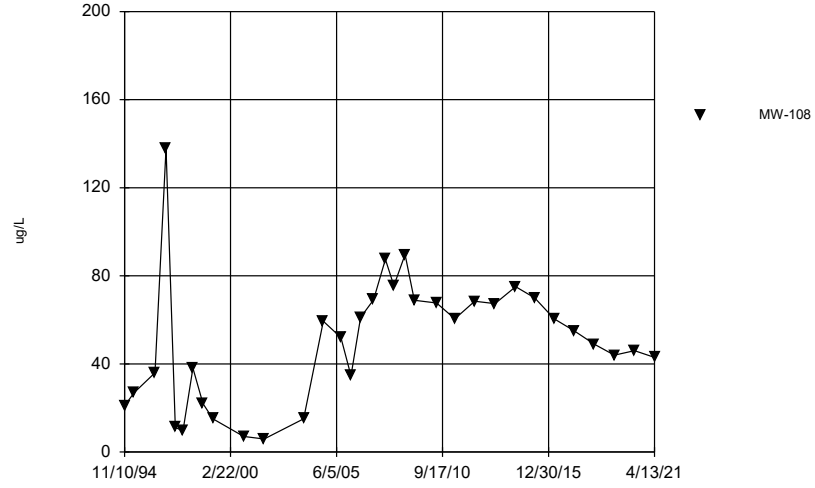
Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG

Time Series



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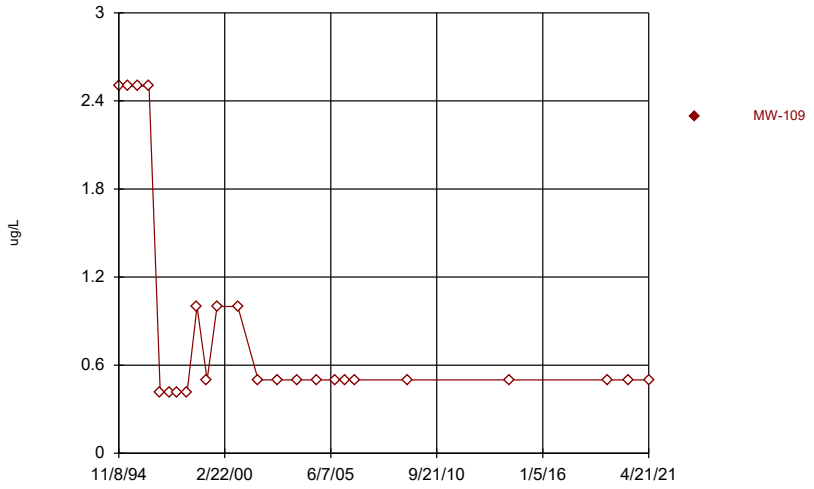

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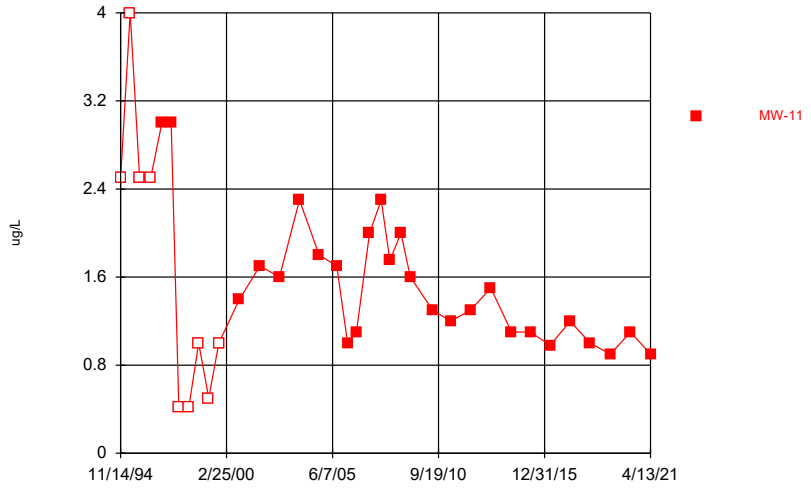

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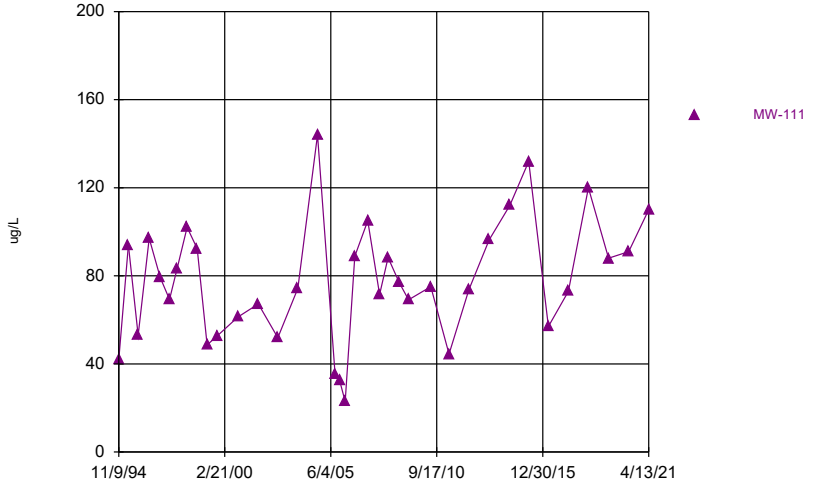
Time Series



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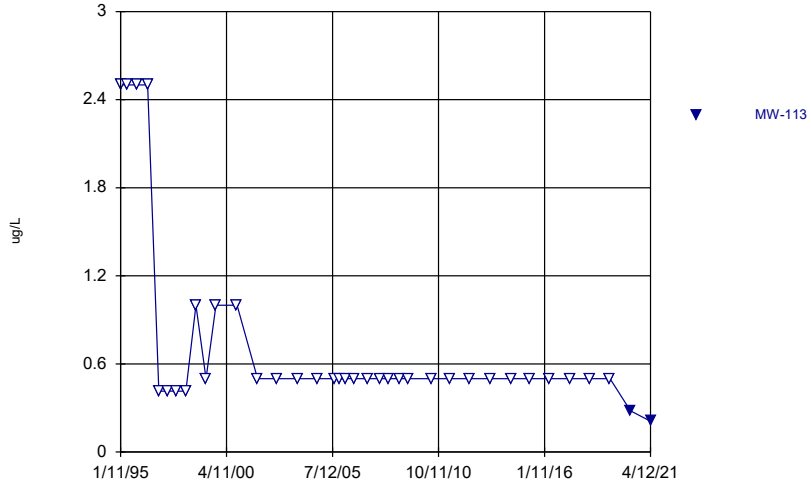

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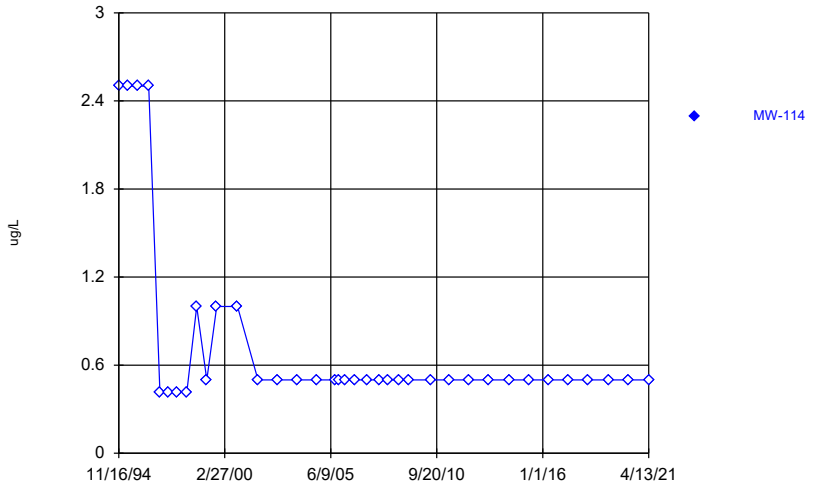

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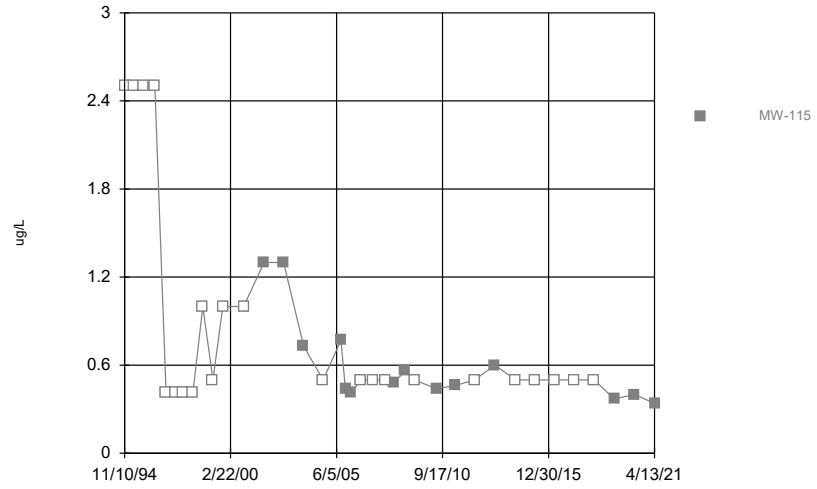

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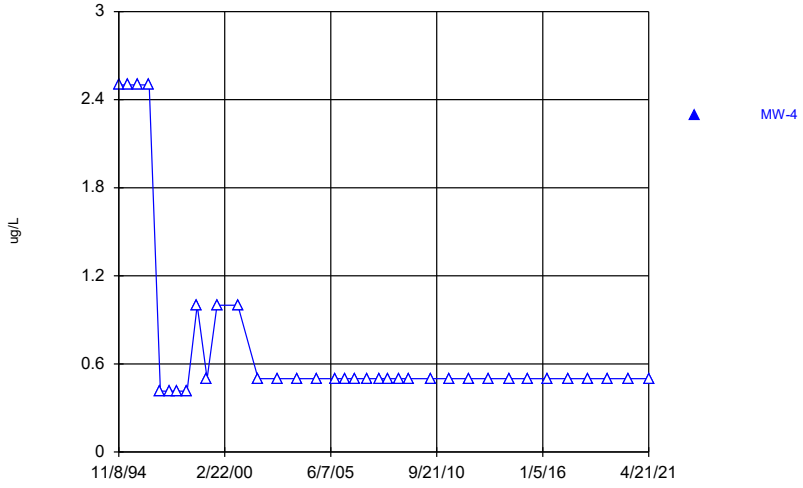

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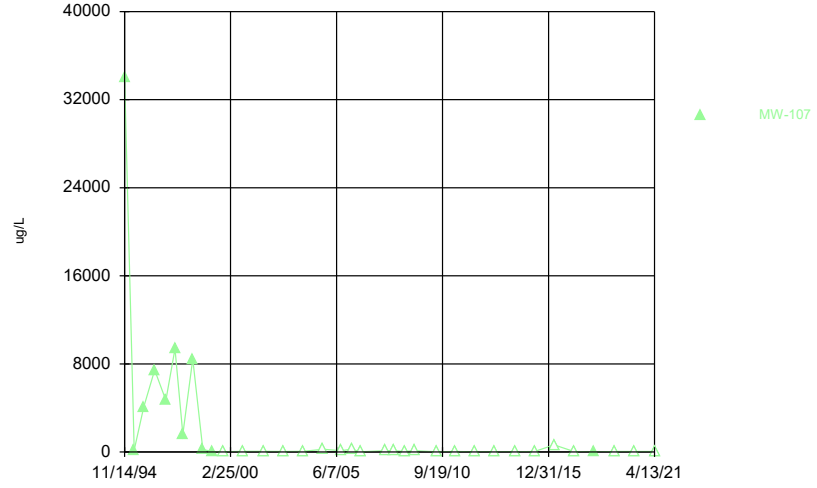

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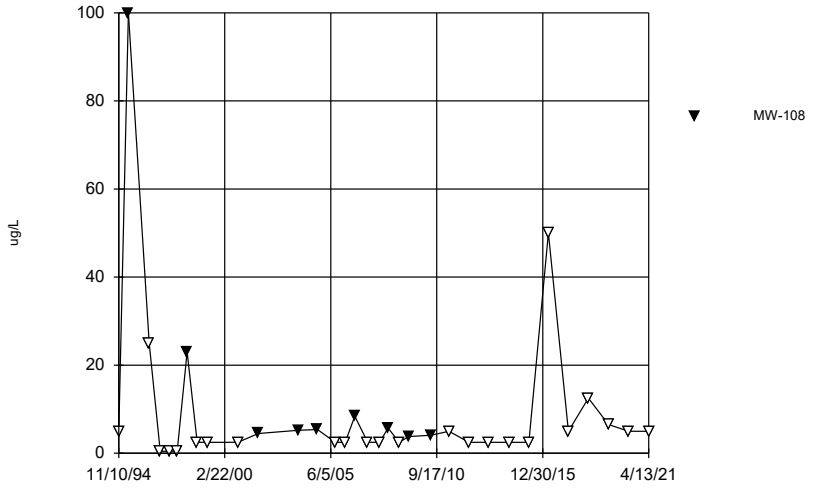

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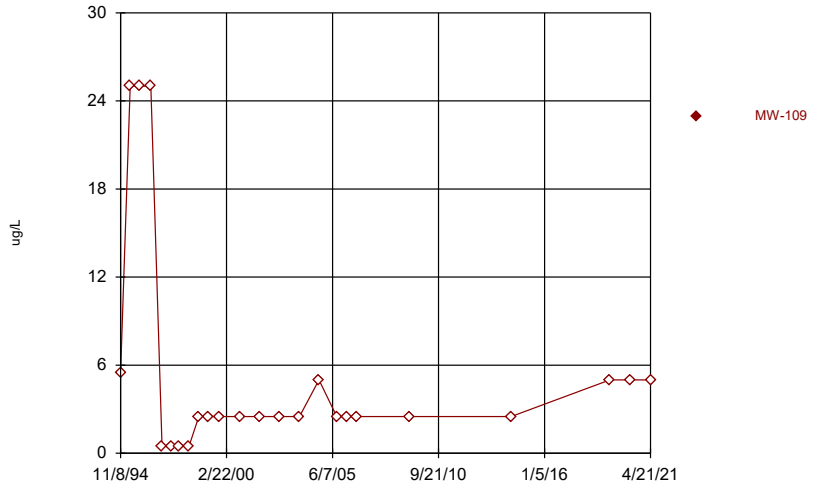

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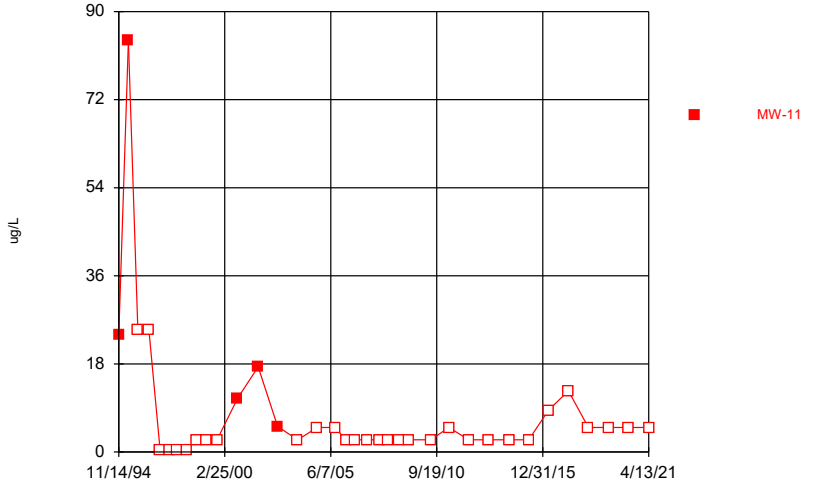

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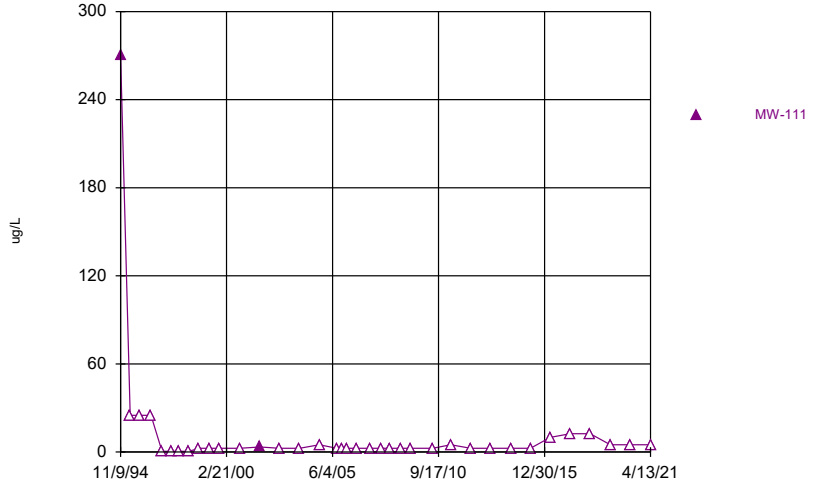

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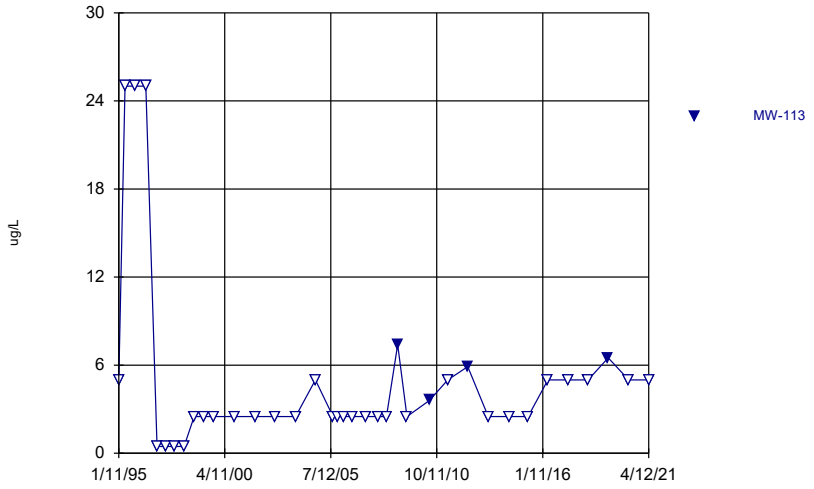

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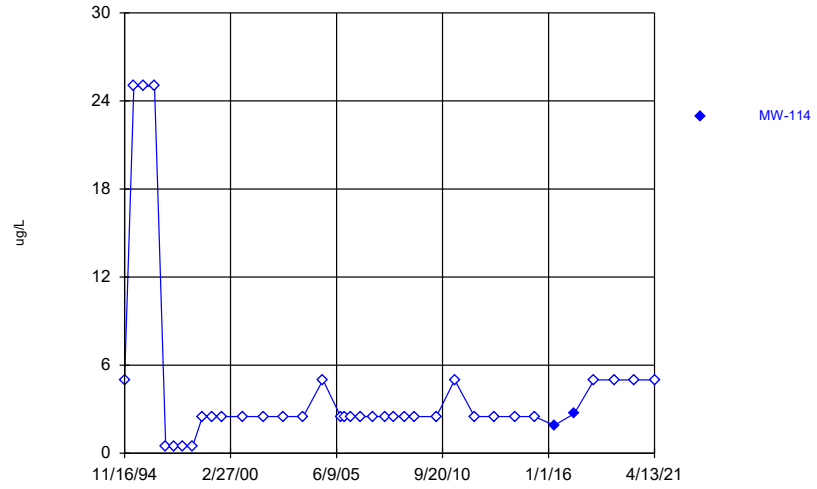

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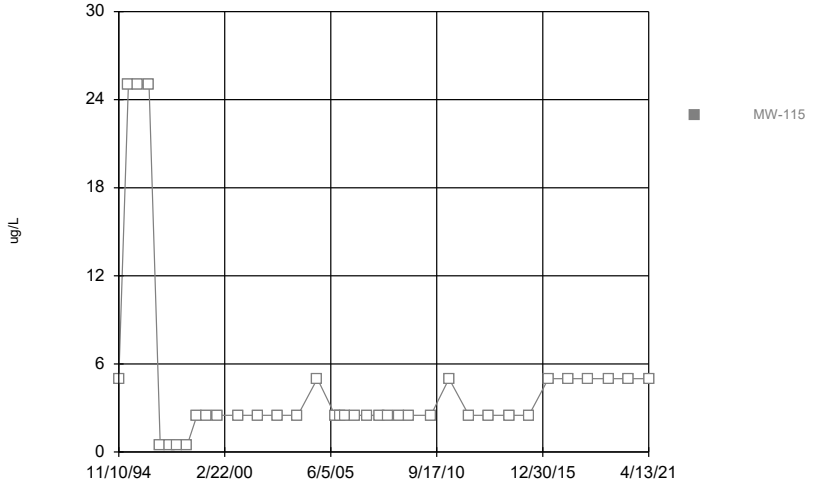

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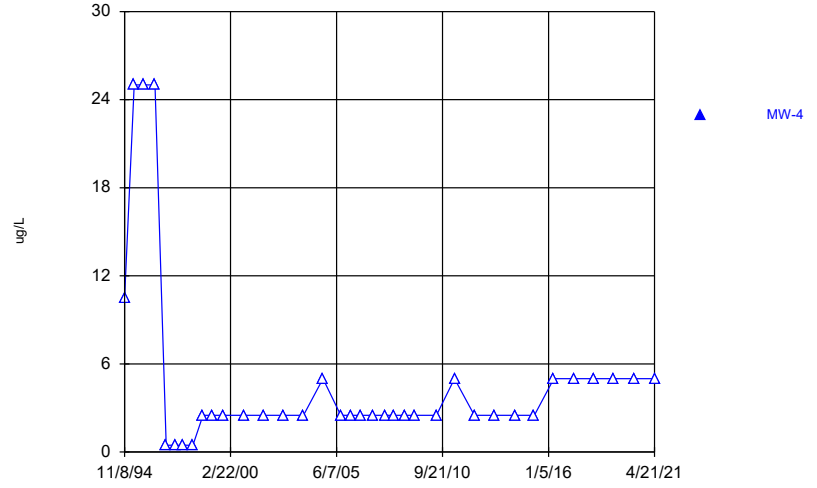

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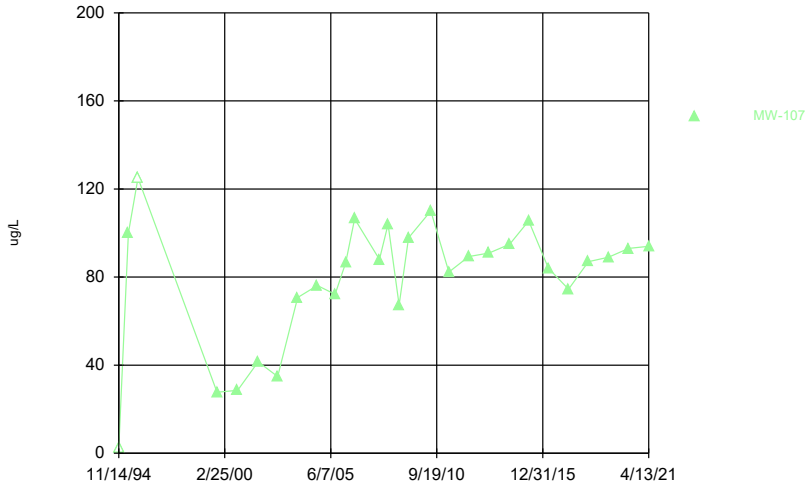

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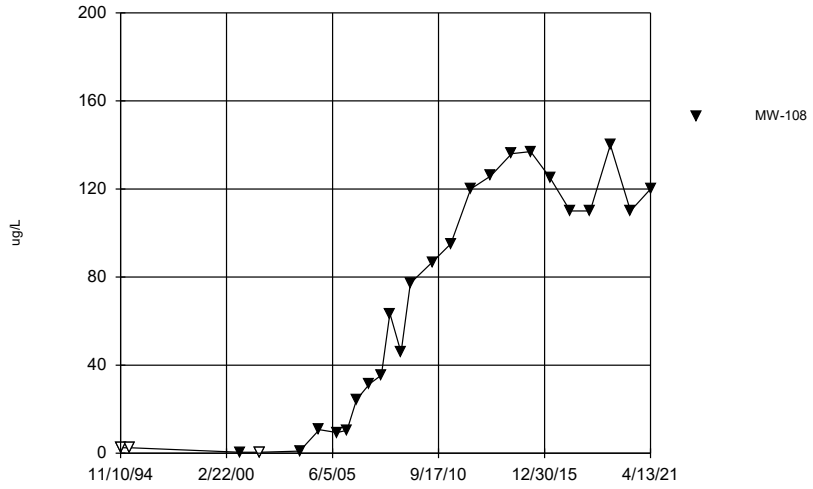

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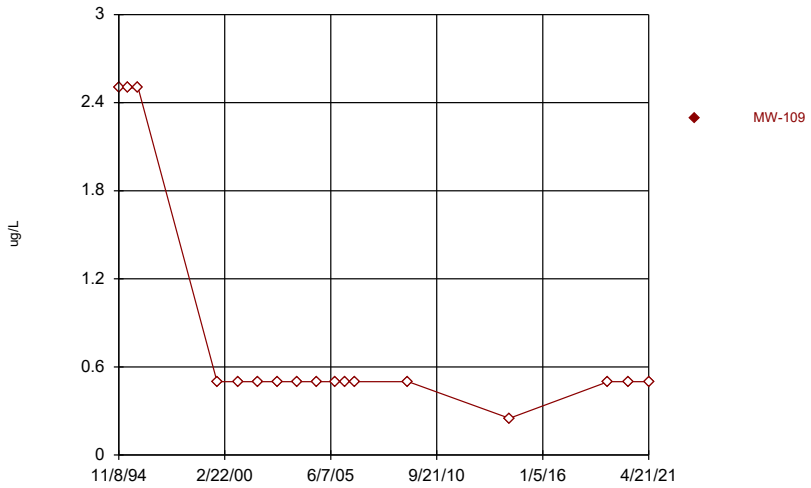

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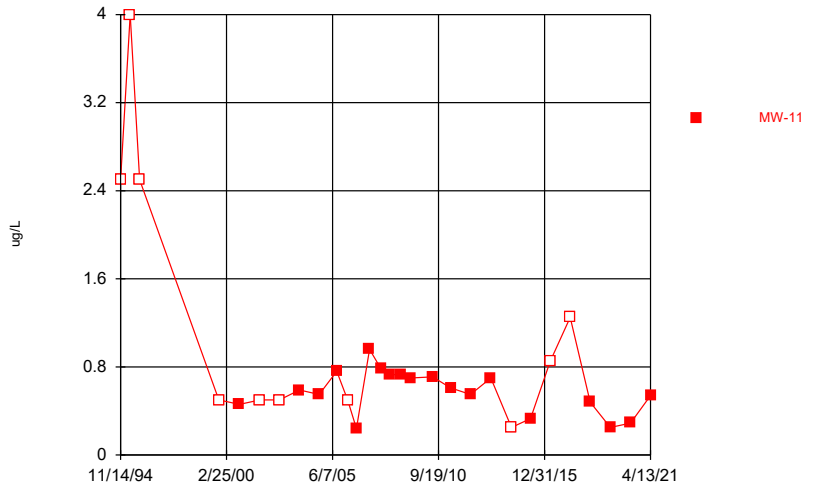

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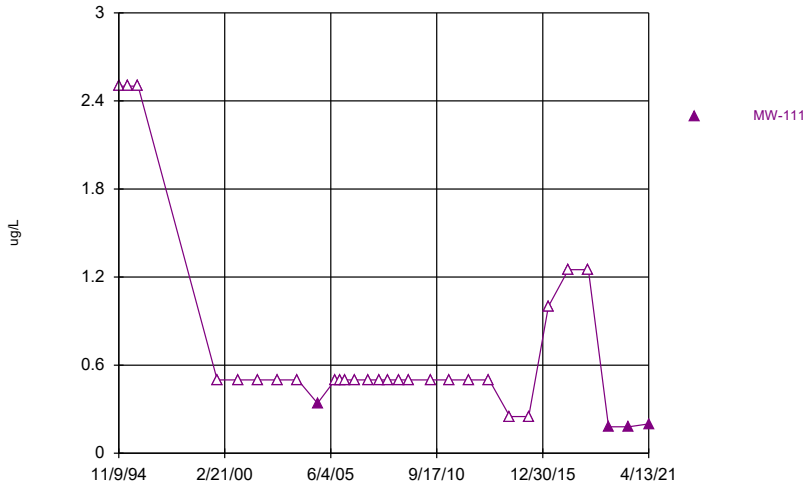

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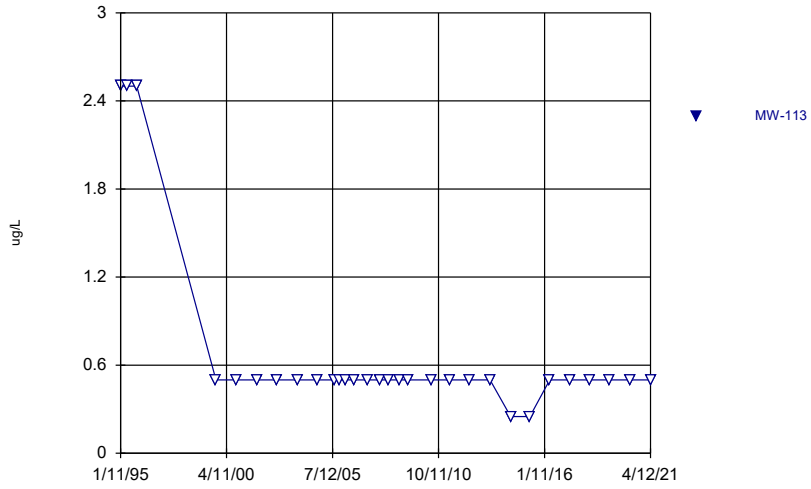

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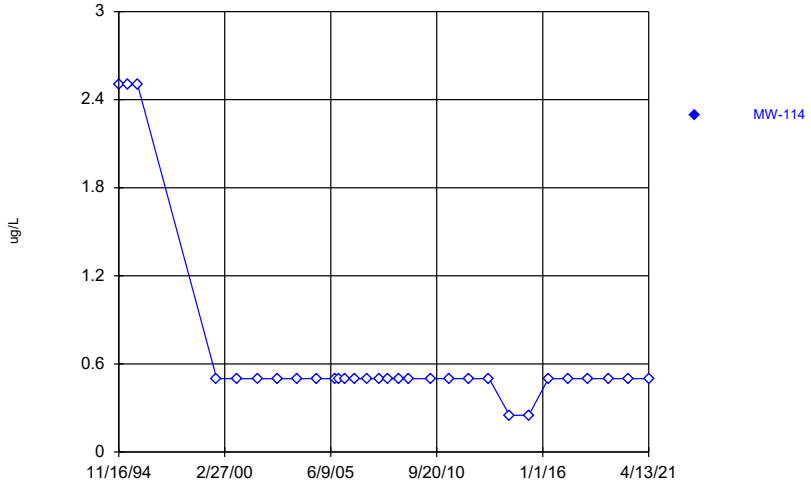

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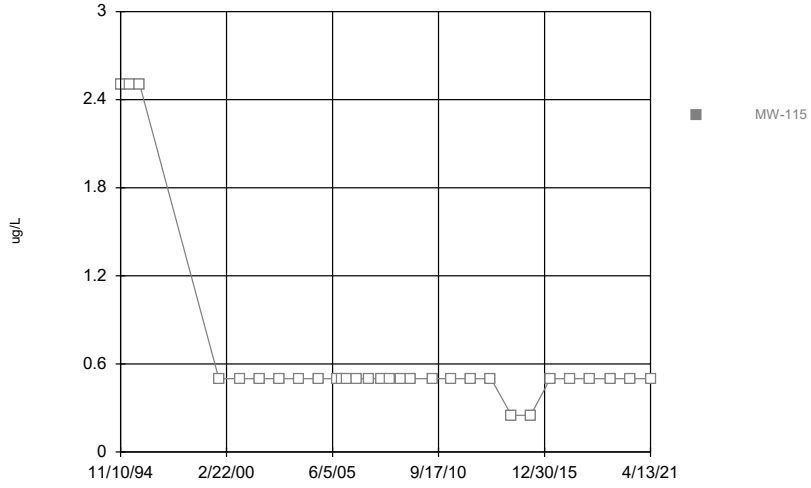

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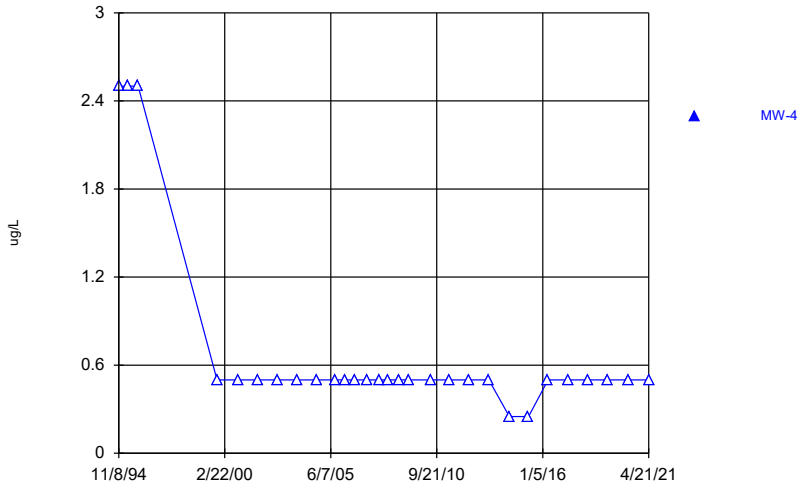

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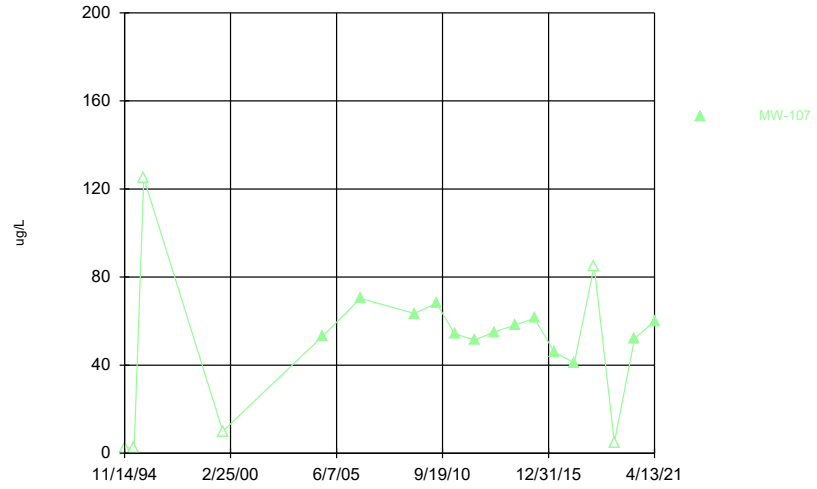

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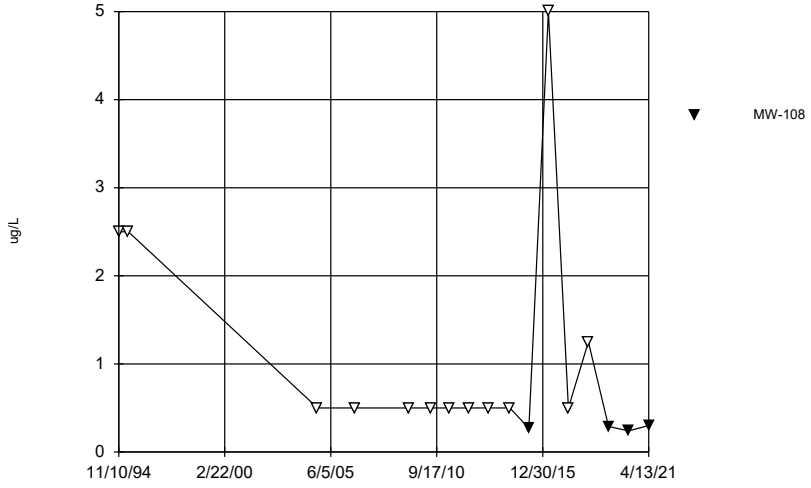

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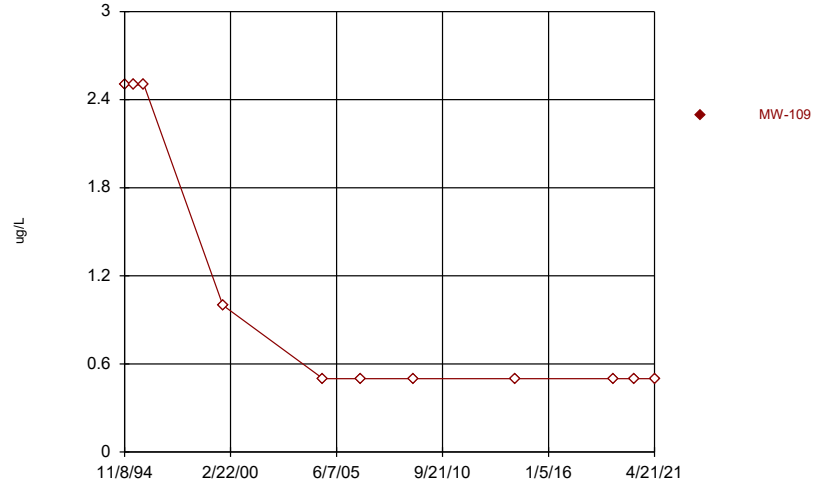

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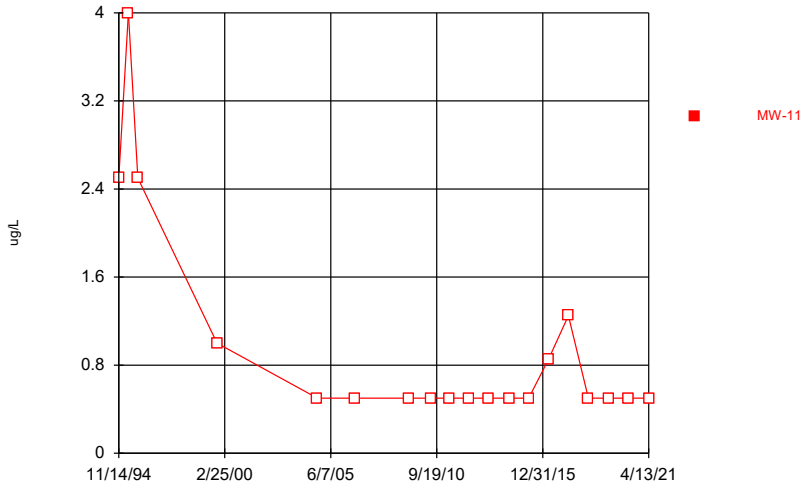

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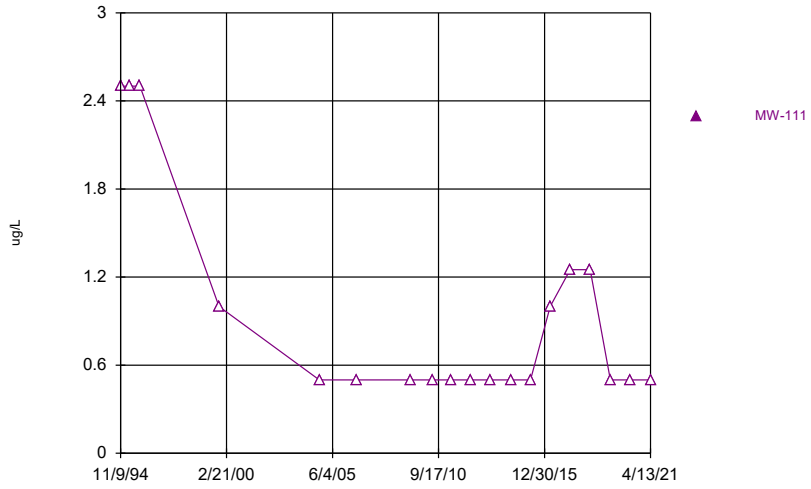
Time Series



Constituent: Chlorobenzene Analysis Run 9/7/2021 12:40 PM View: WTU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

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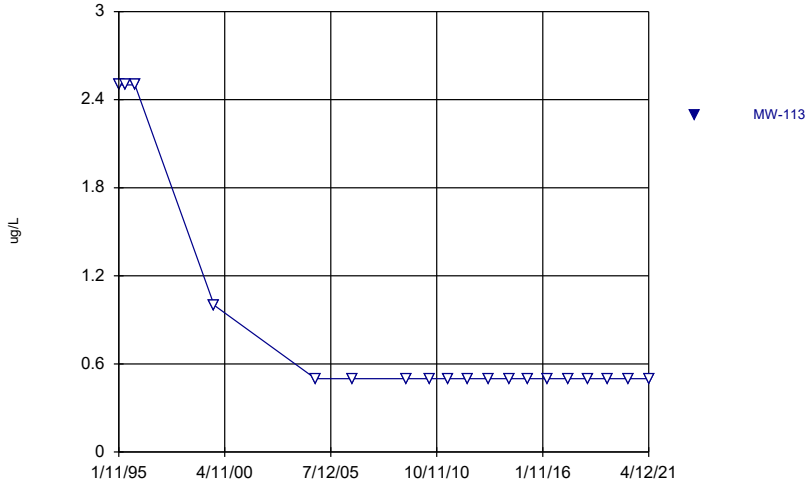
Hollow symbols indicate censored values.

Time Series



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Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
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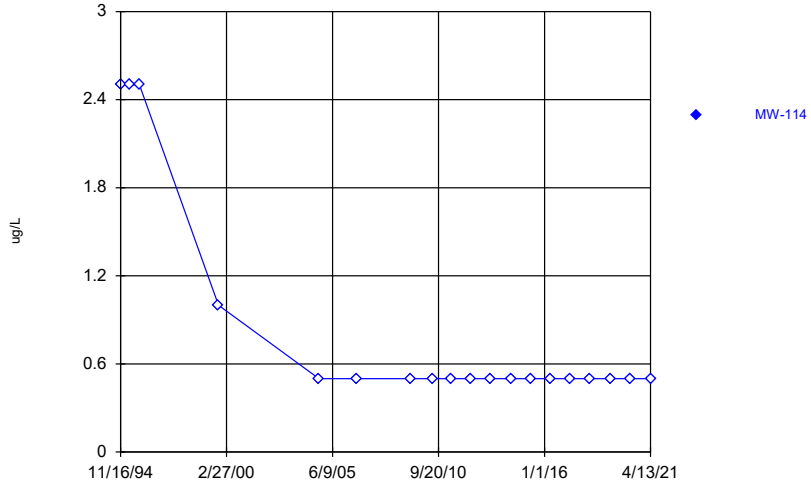
Time Series



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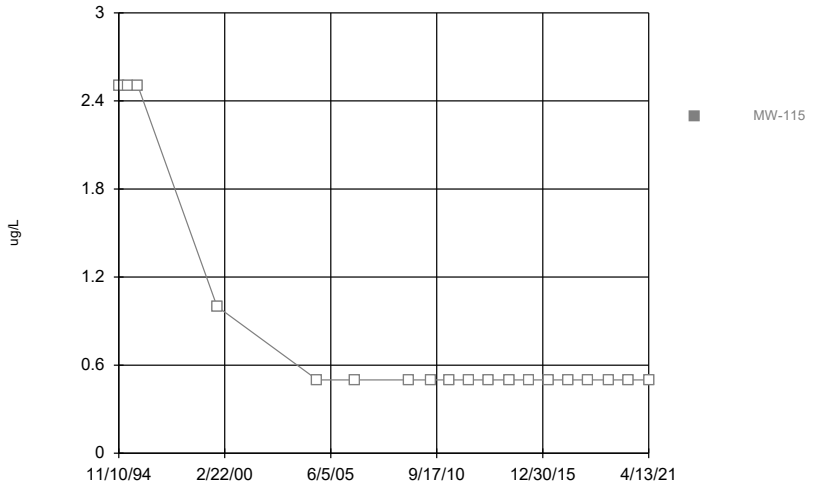
Time Series



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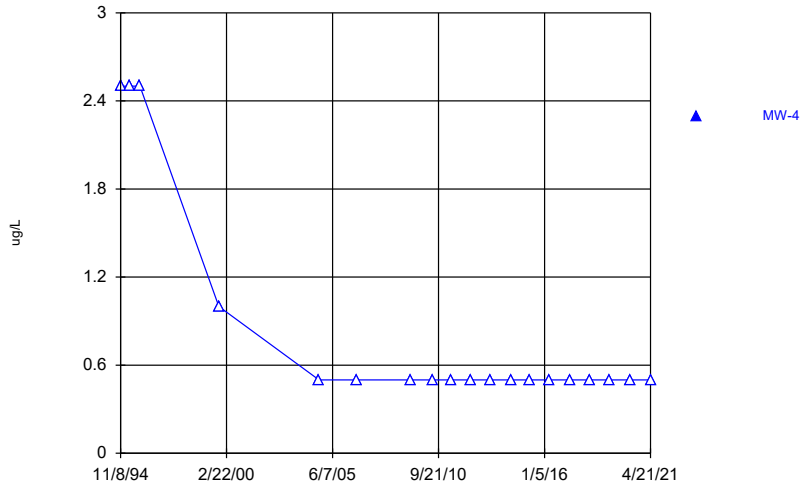
Time Series



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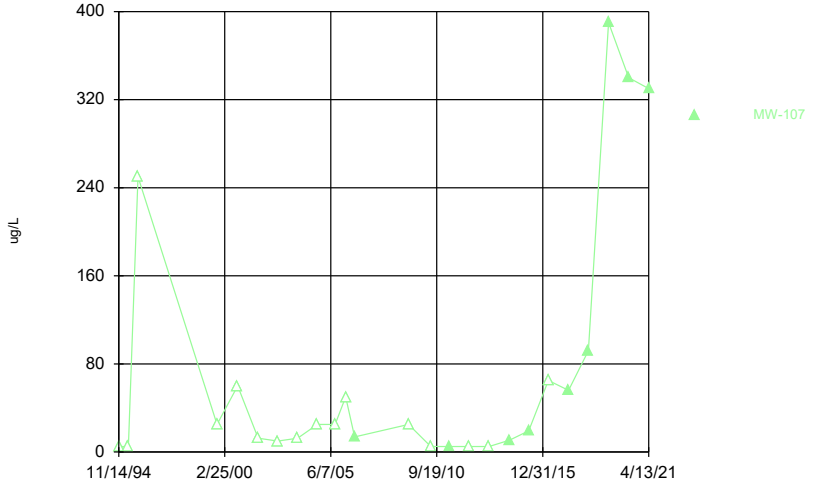
Time Series



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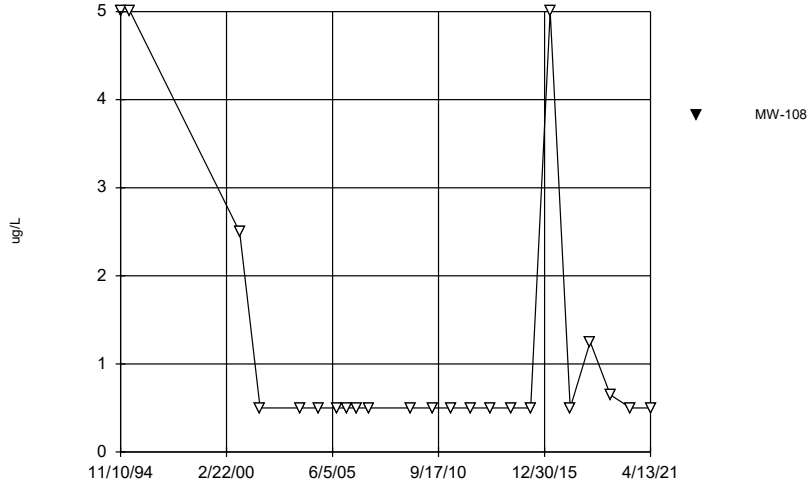

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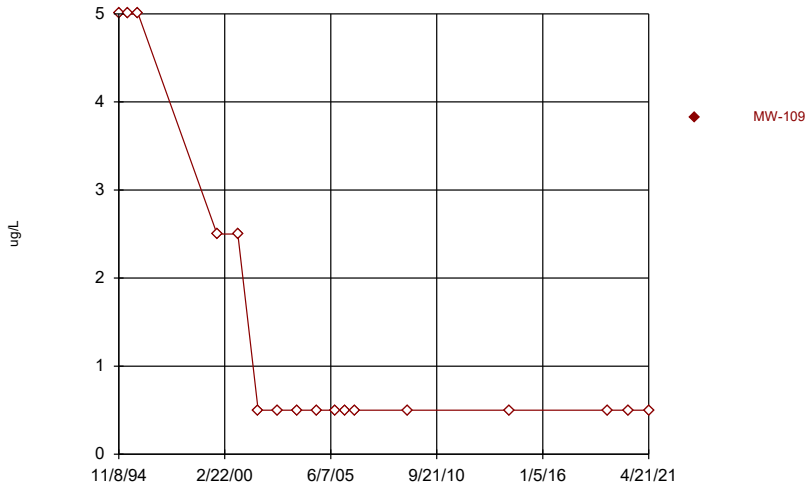

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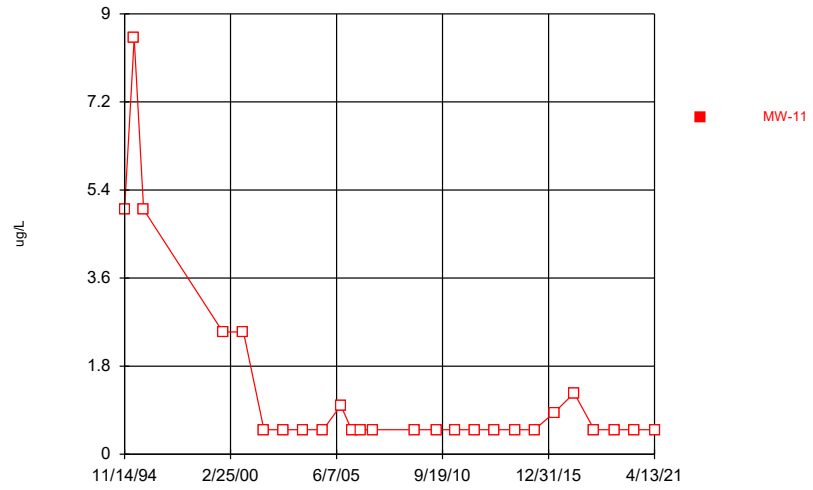
Time Series



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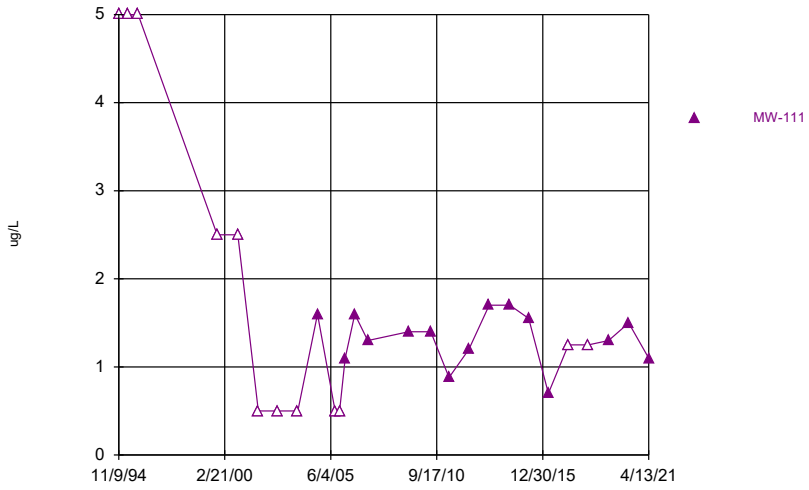
Time Series



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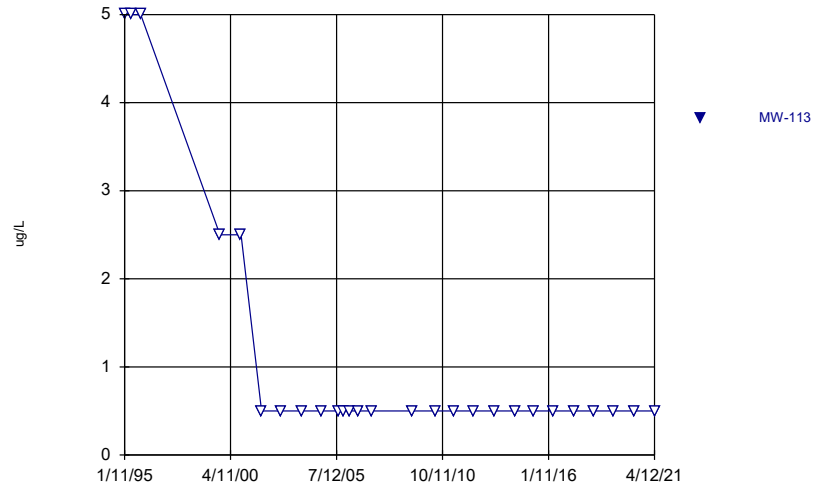

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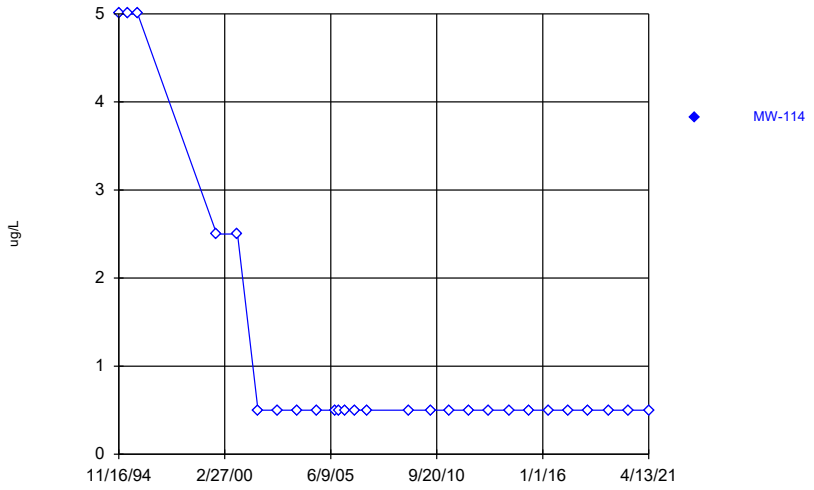

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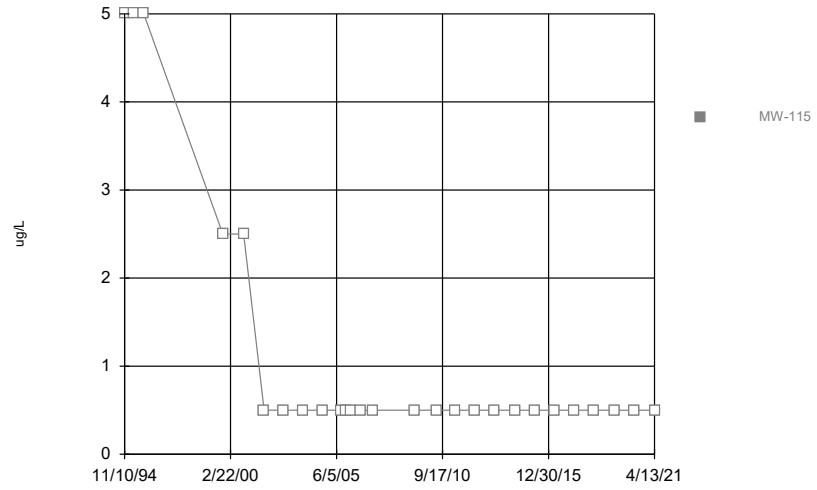

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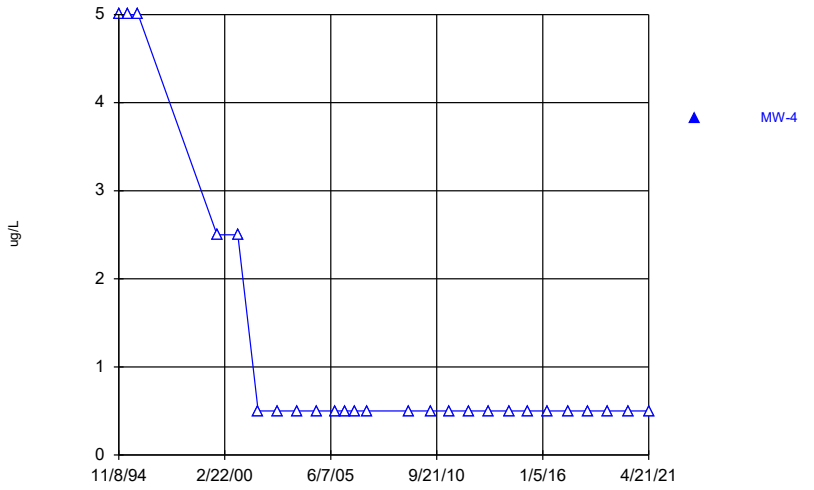

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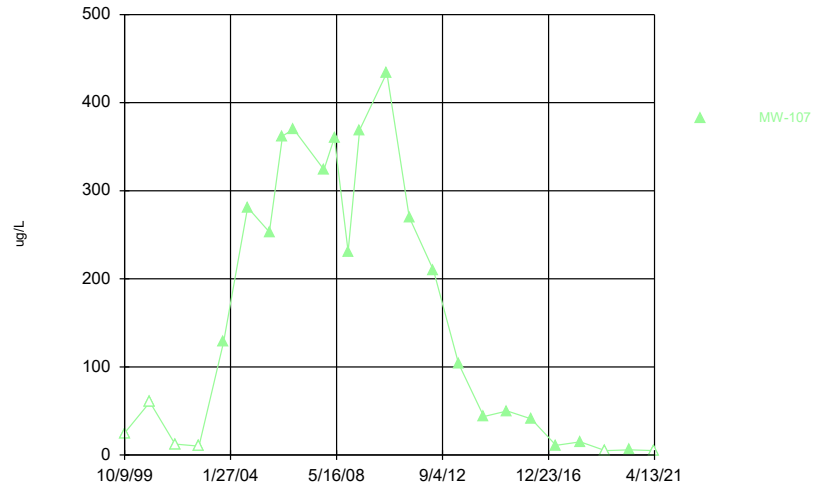

Constituent: cis-1,2-Dichloroethene Analysis Run 9/7/2021 12:40 PM View: WTU Time Series
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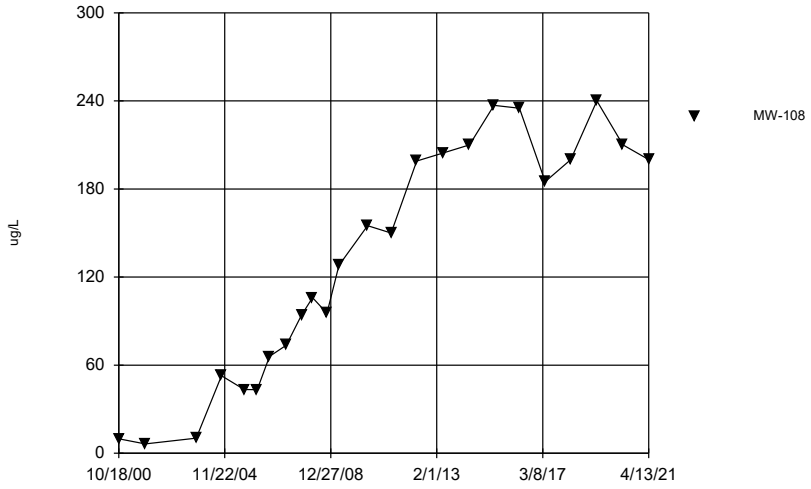
Time Series



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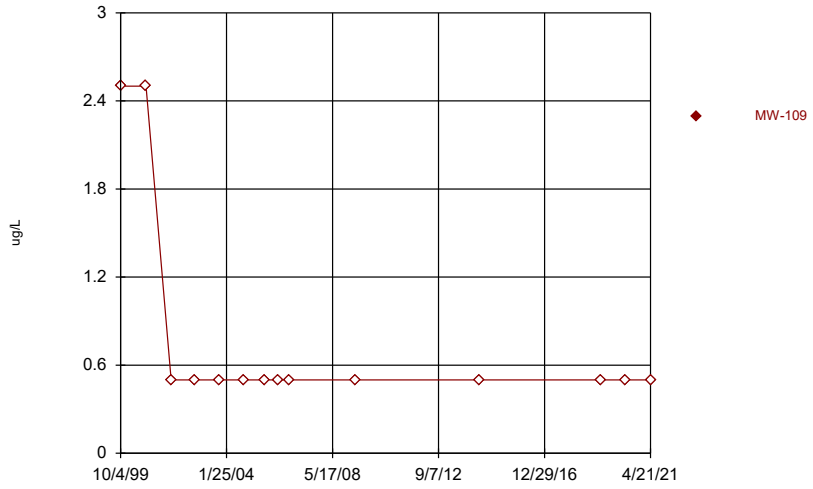

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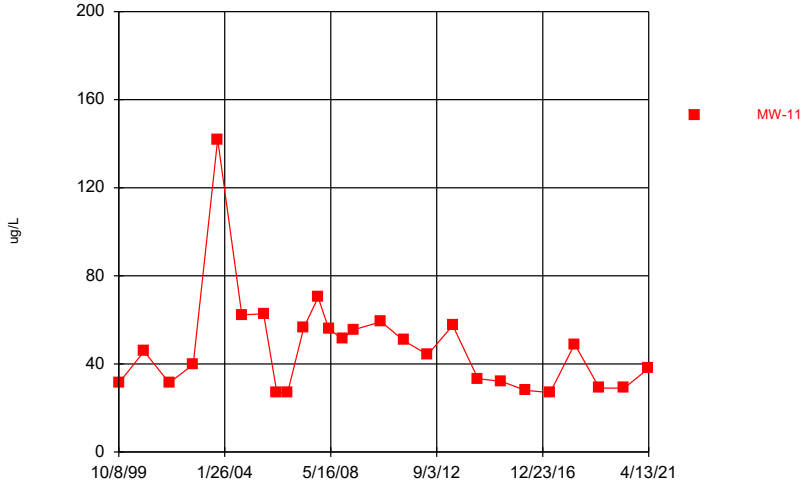

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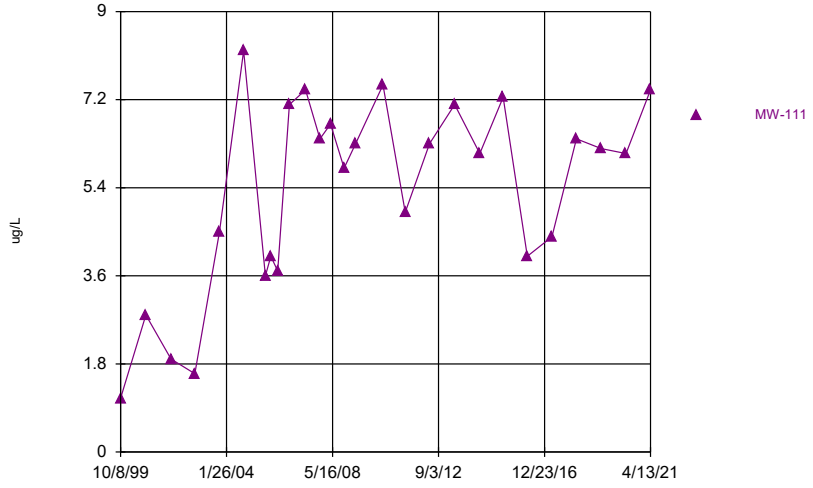

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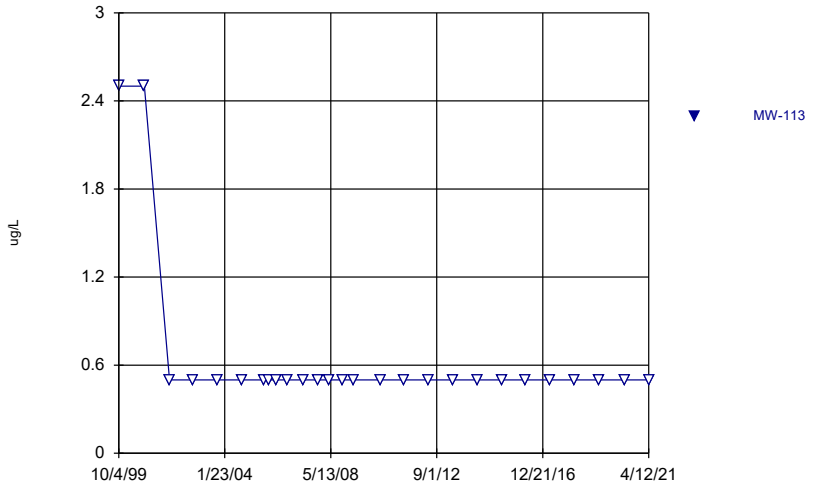

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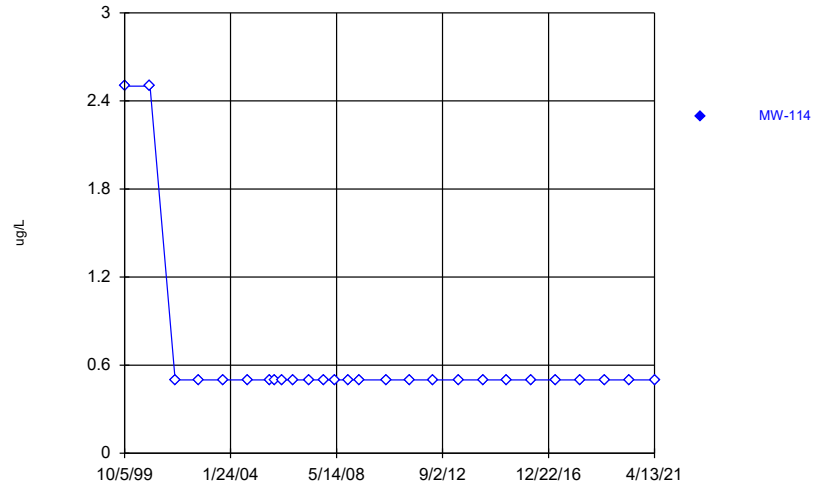

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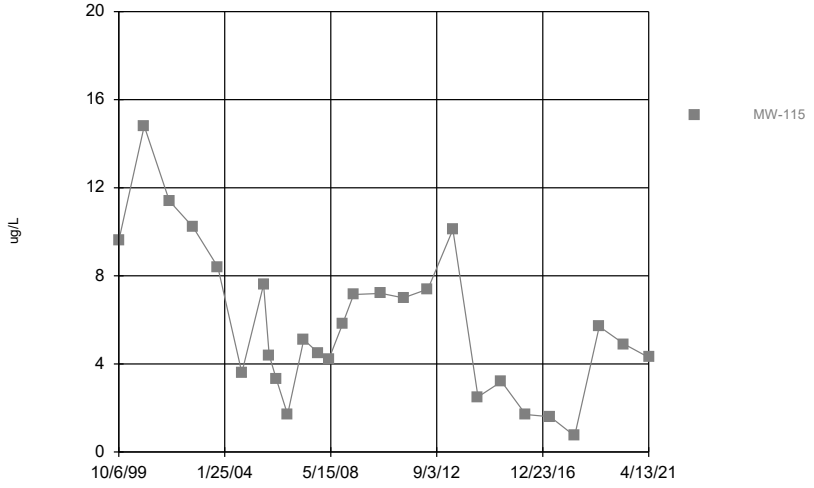

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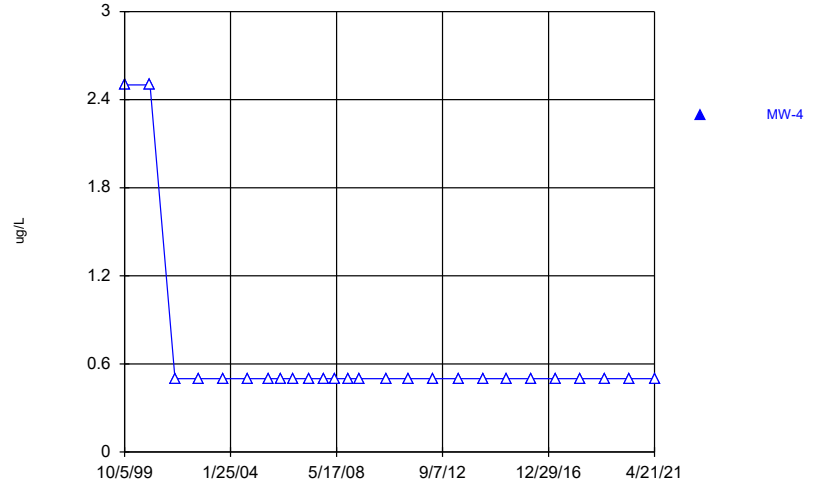

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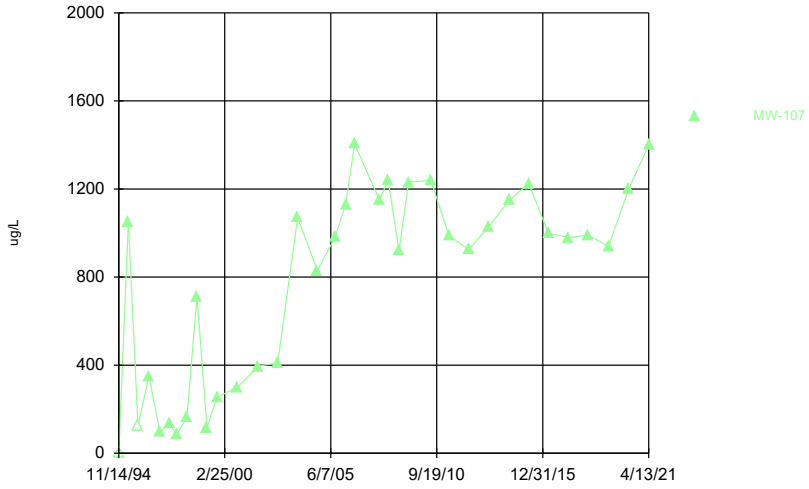

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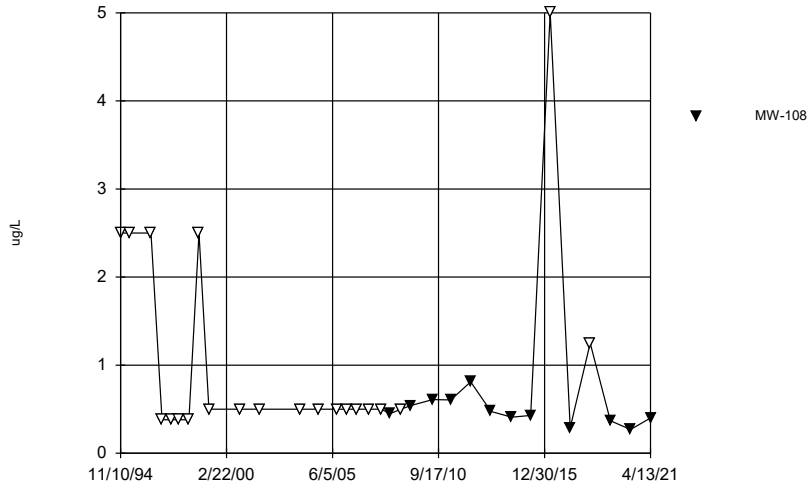

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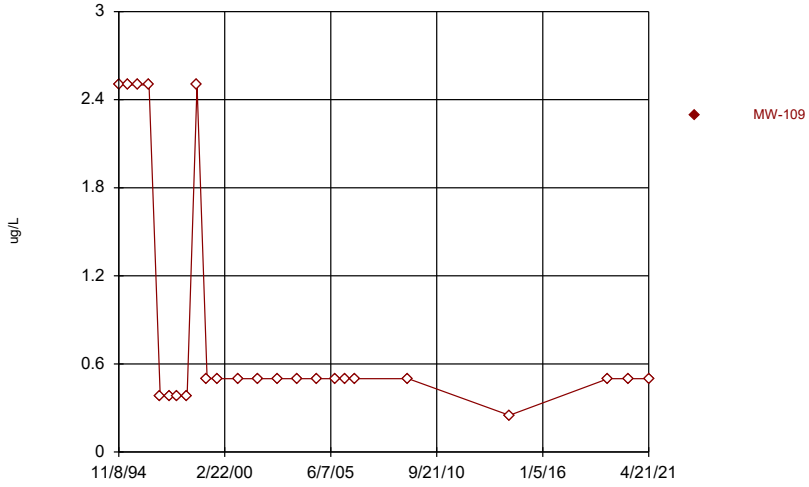

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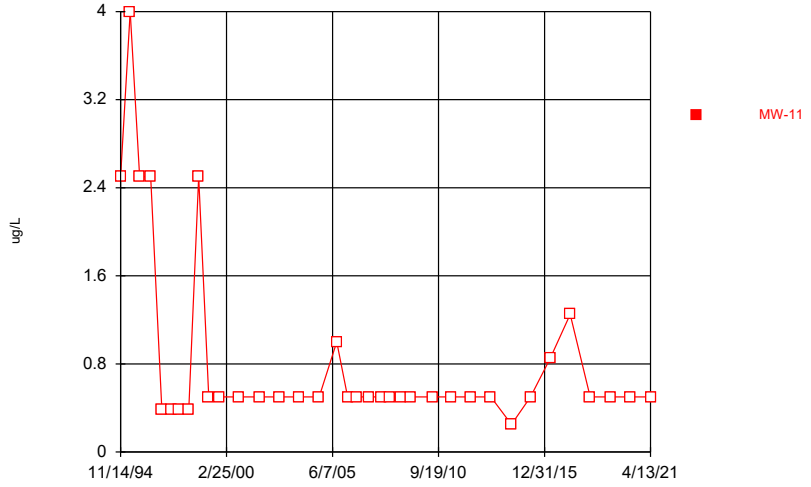

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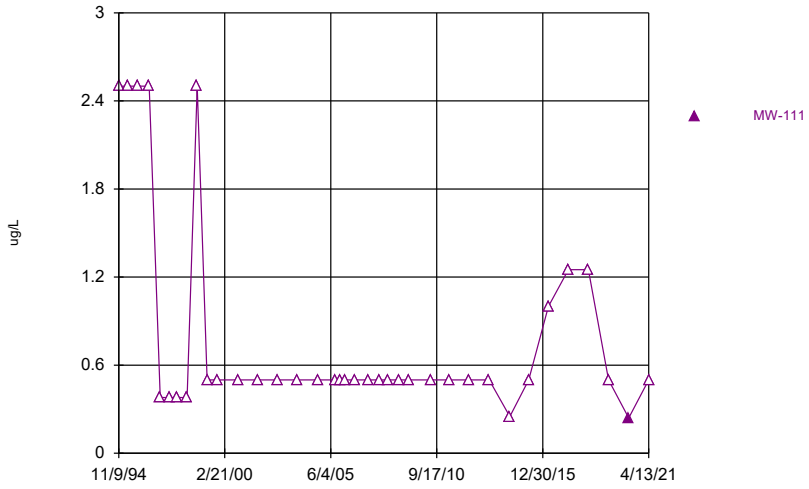

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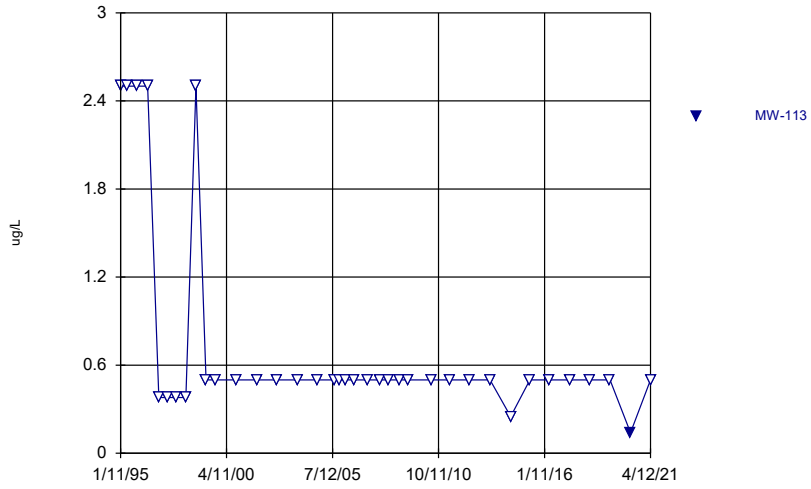

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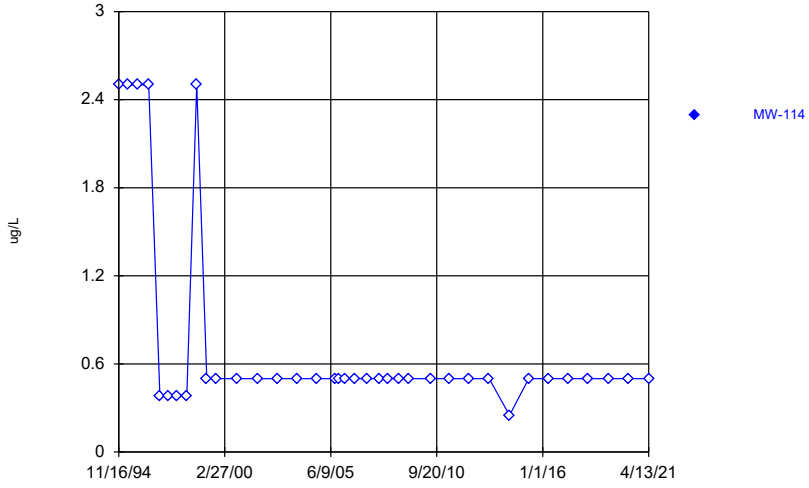

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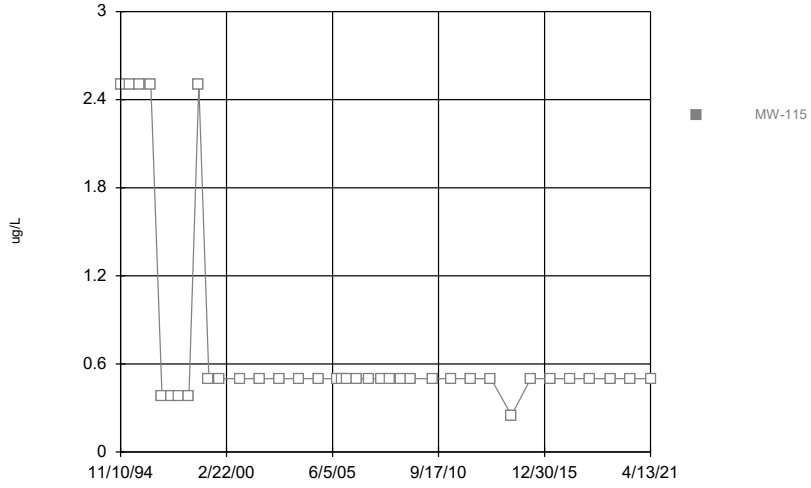

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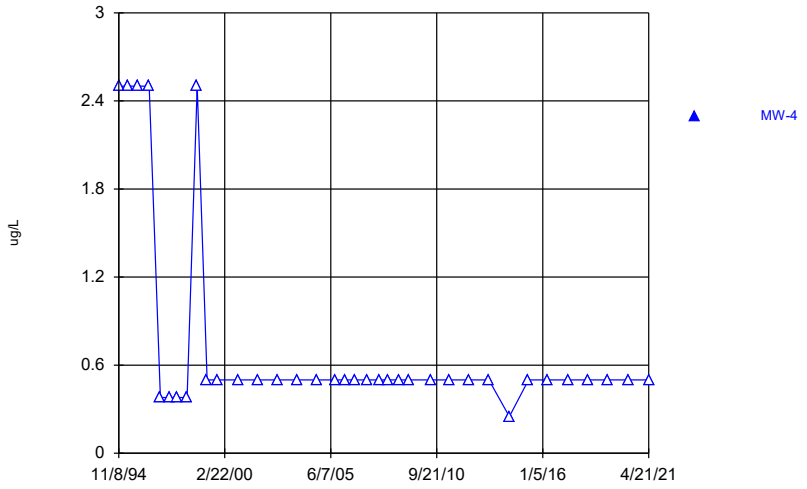
Time Series



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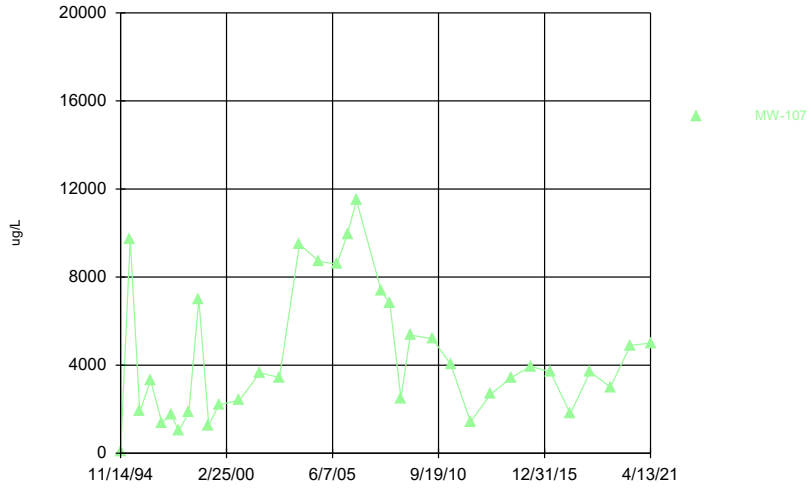
Time Series



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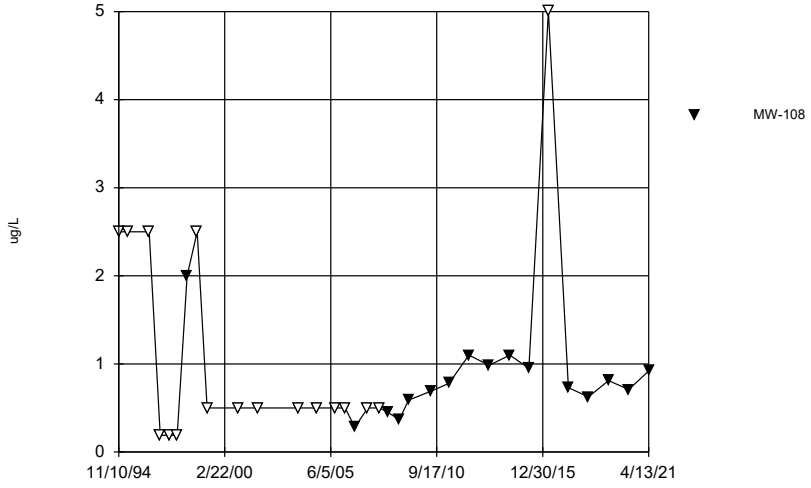
Time Series



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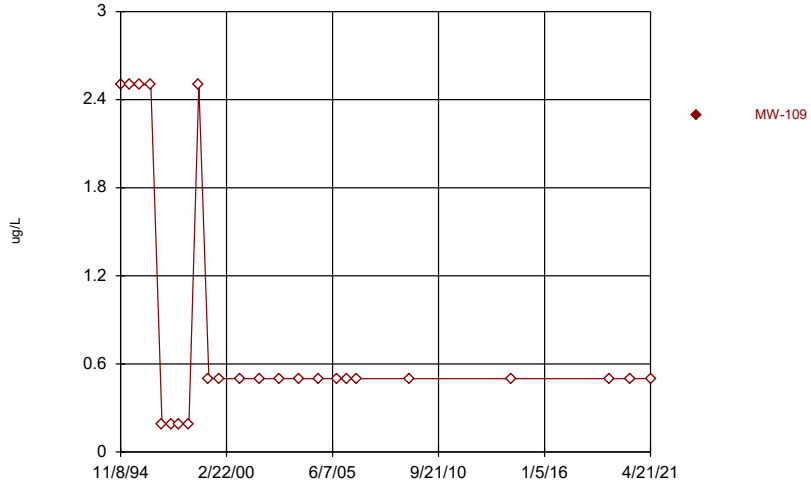

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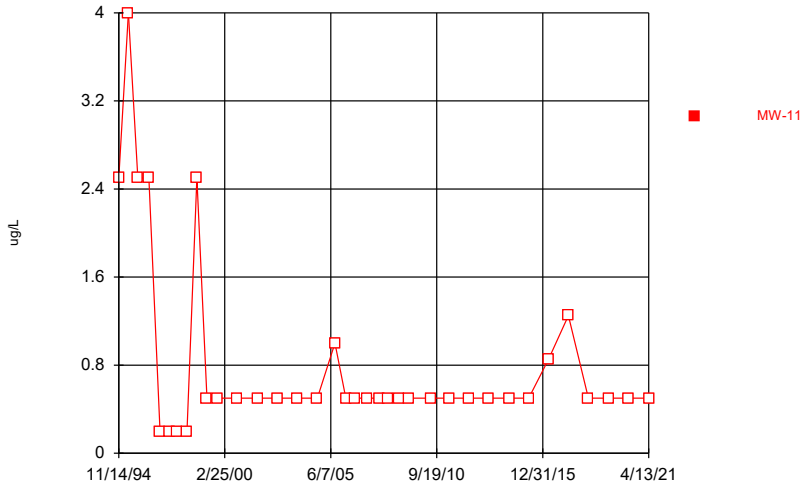

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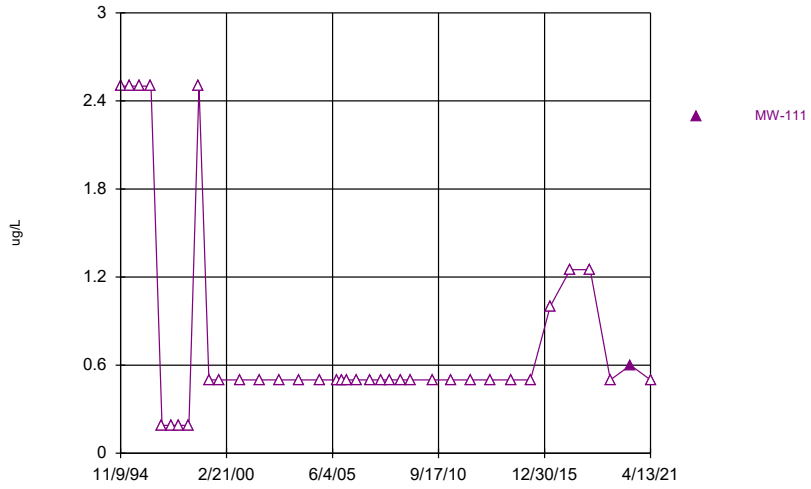

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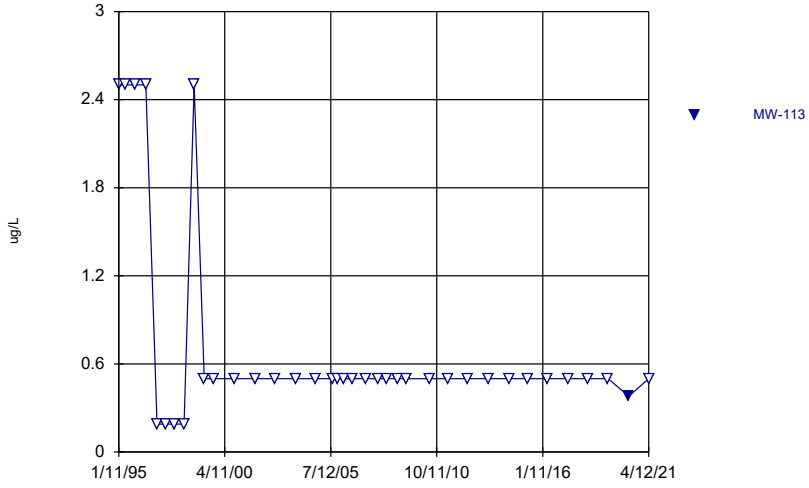

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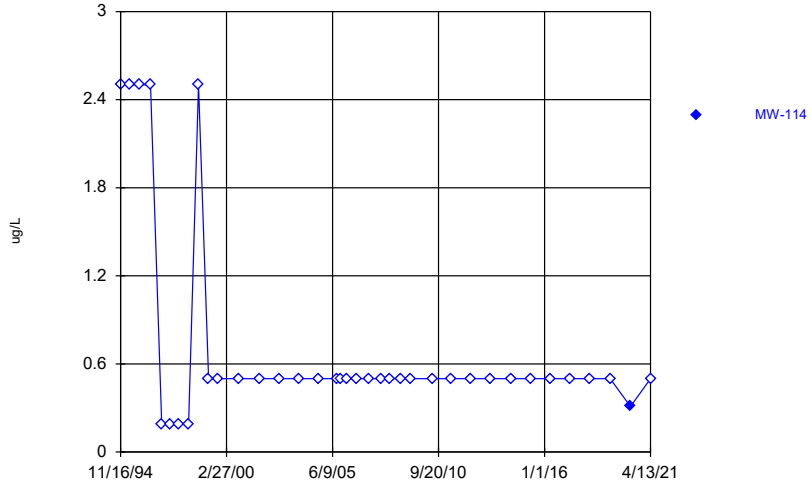
Time Series



Constituent: Toluene Analysis Run 9/7/2021 12:41 PM View: WTU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

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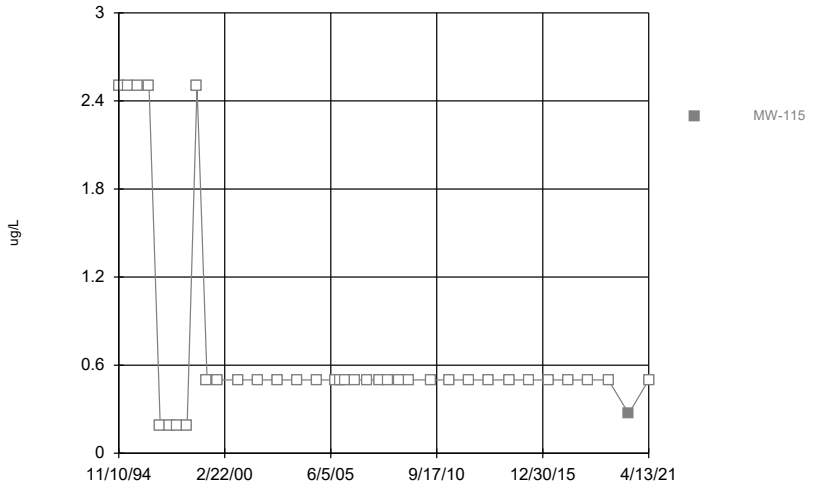
Hollow symbols indicate censored values.

Time Series



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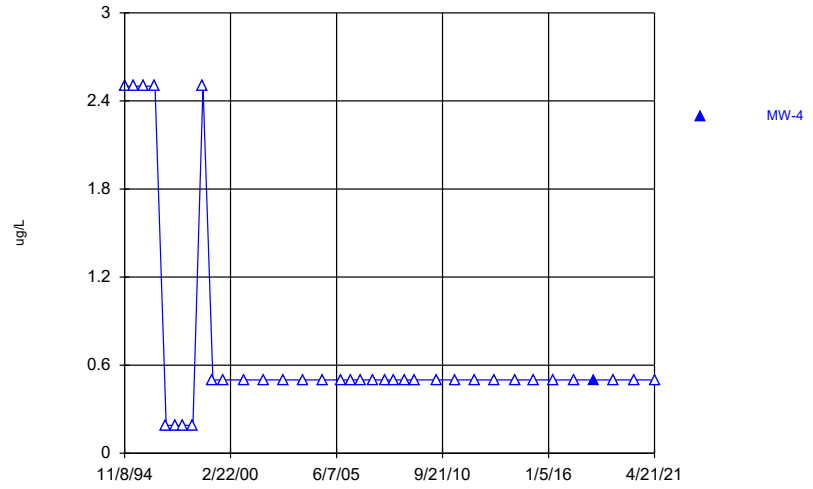

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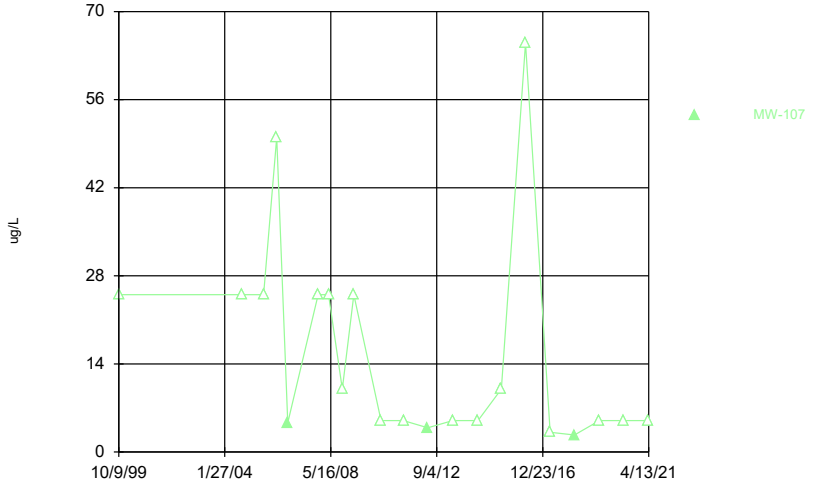

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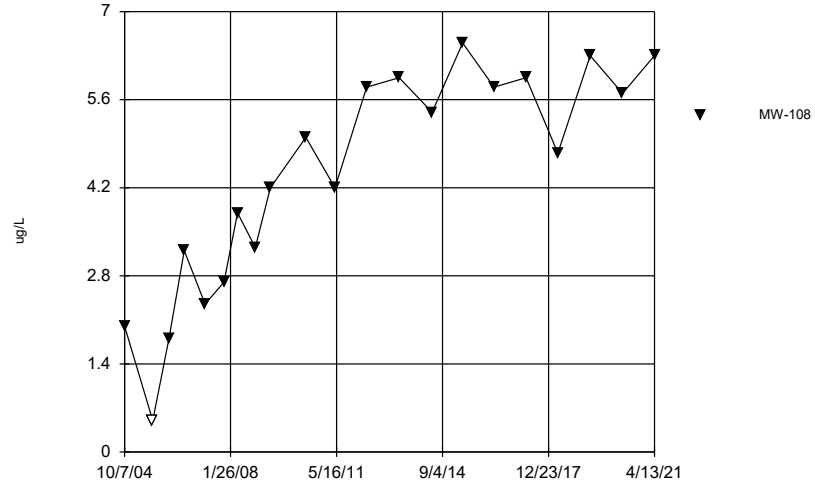

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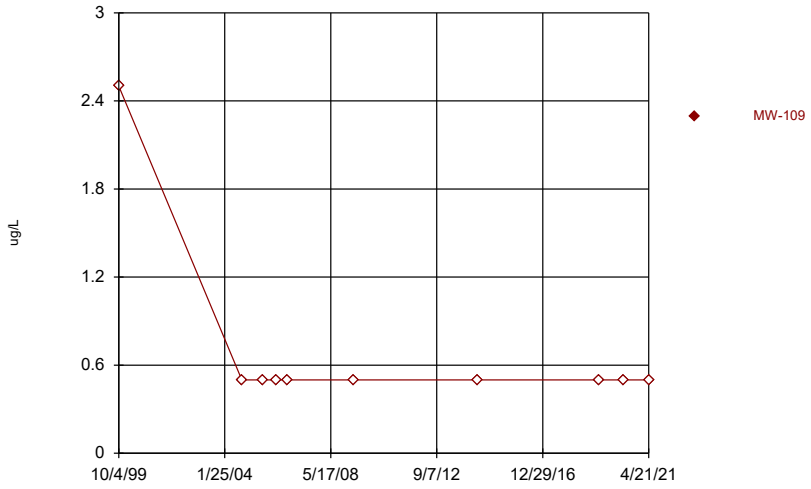

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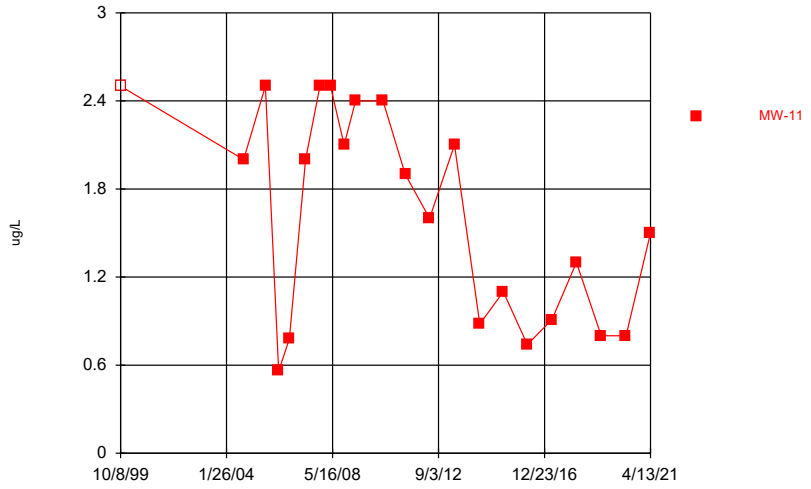

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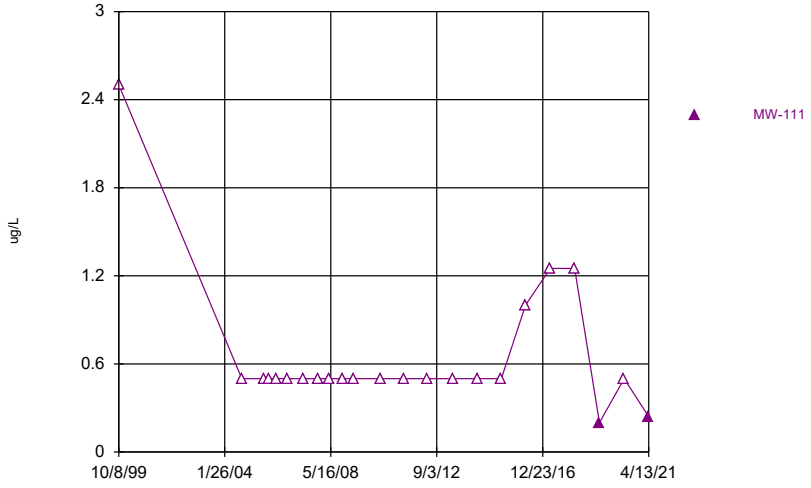

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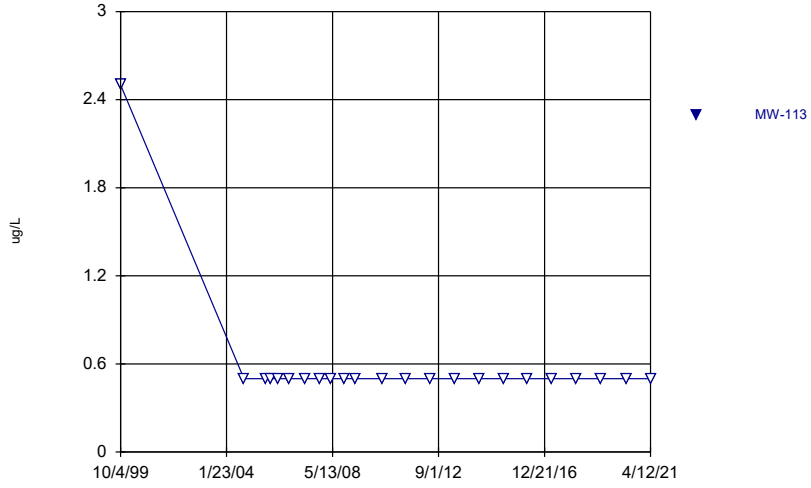

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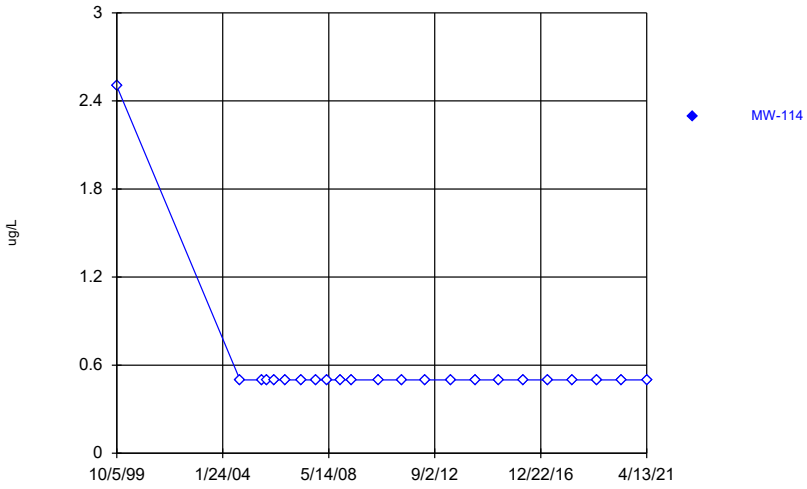

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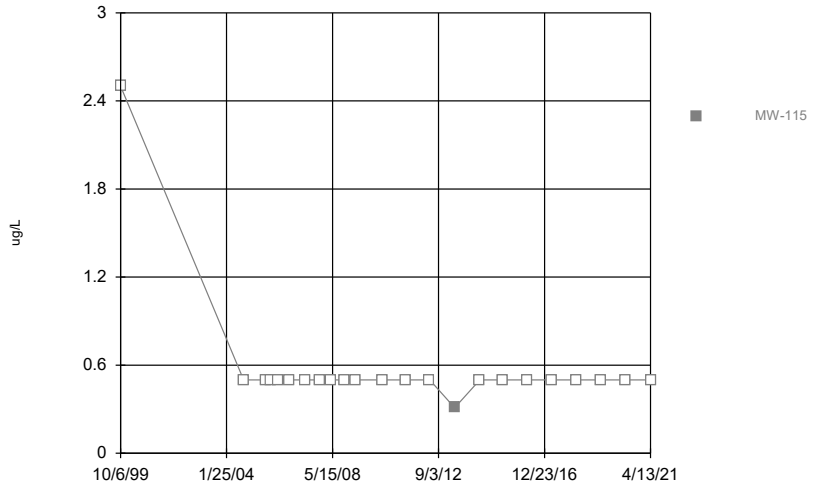

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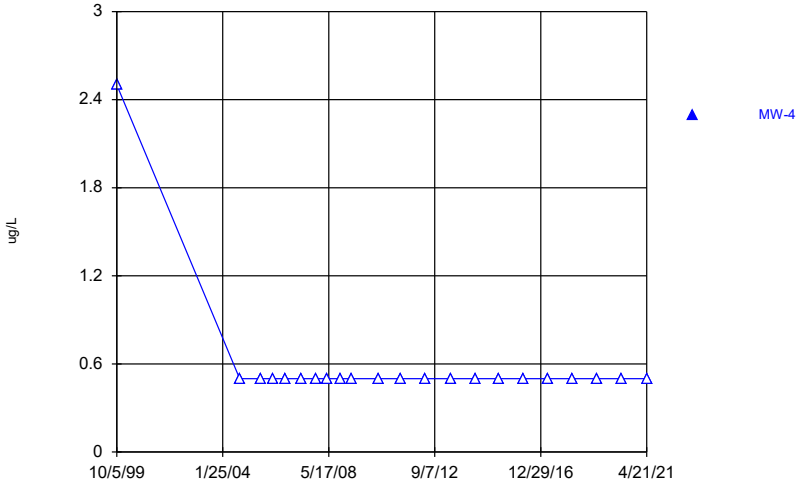

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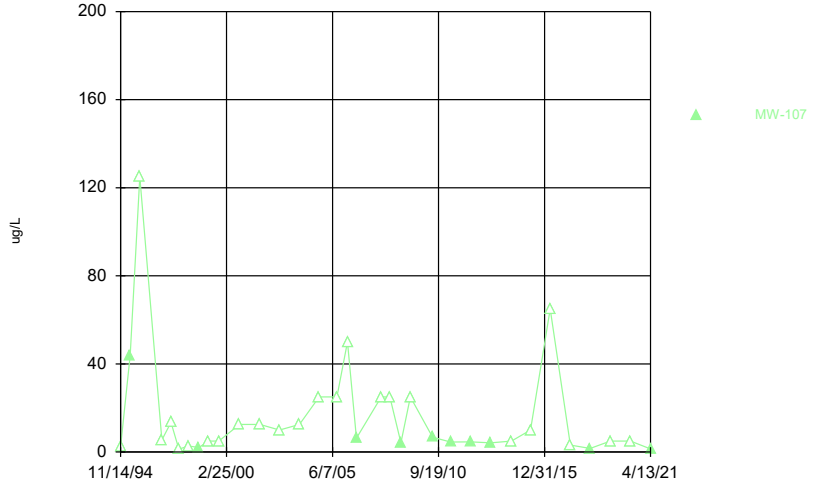

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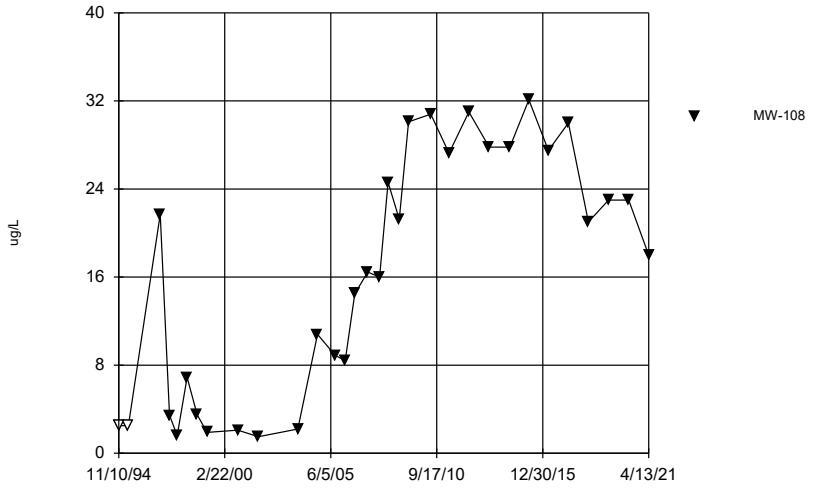

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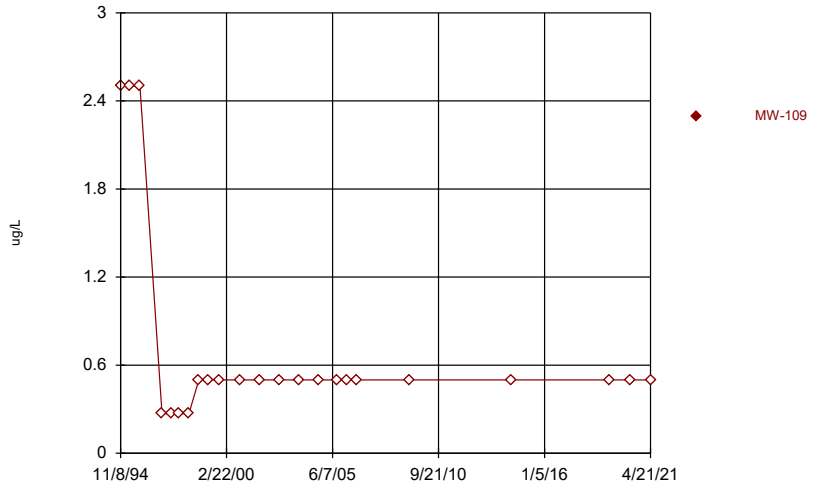

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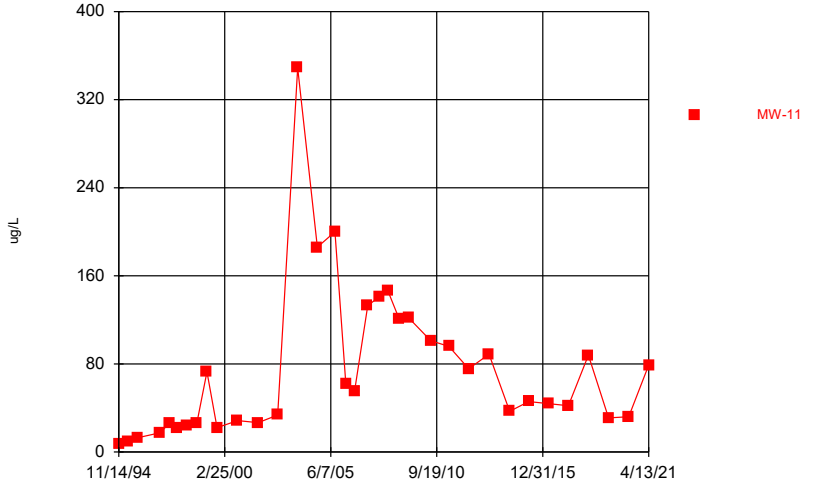

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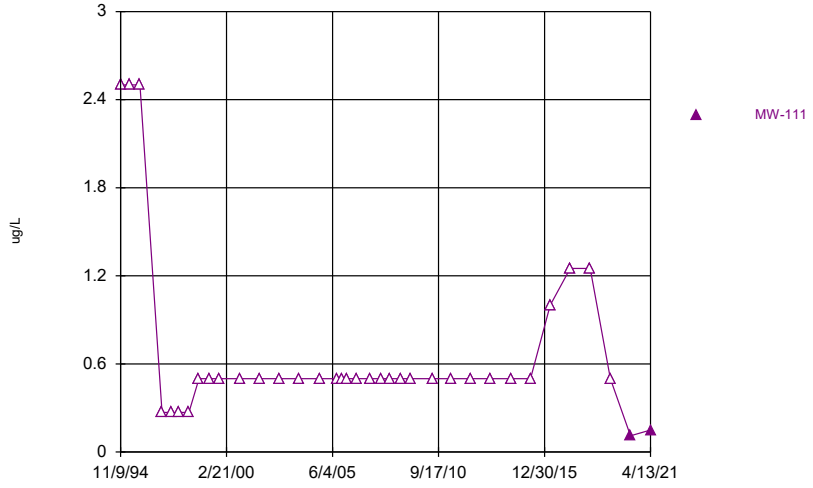

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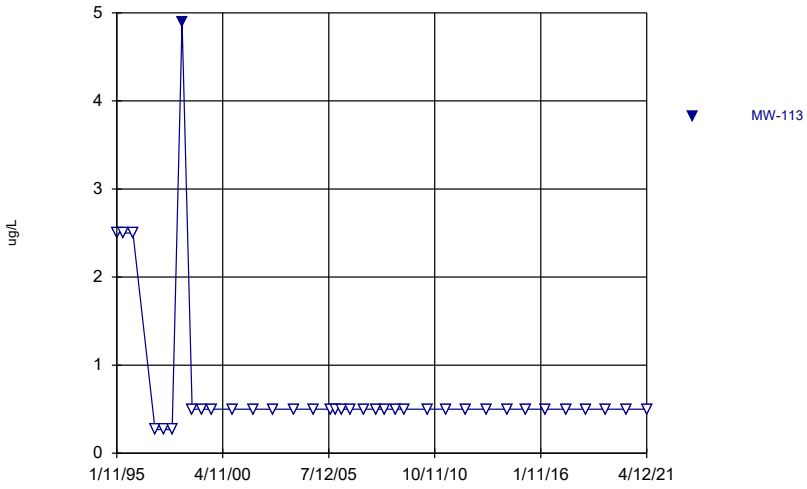

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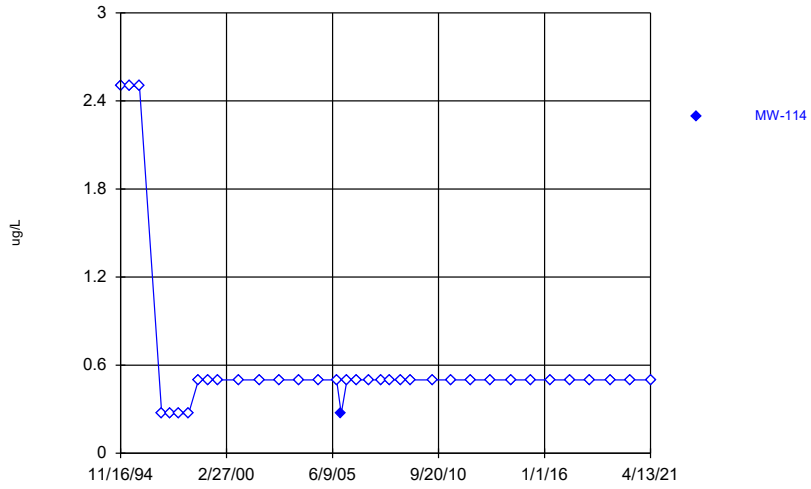

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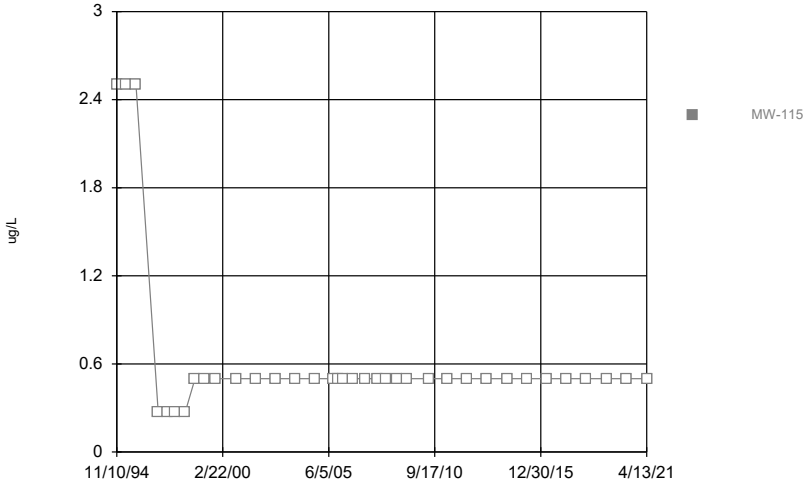

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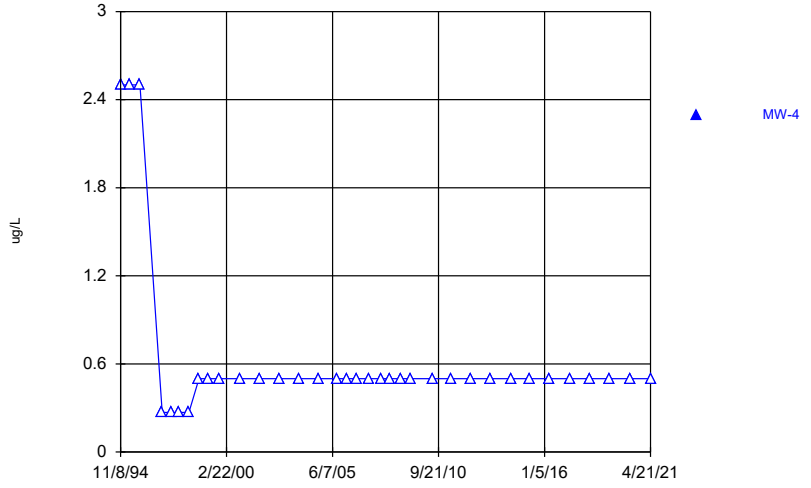

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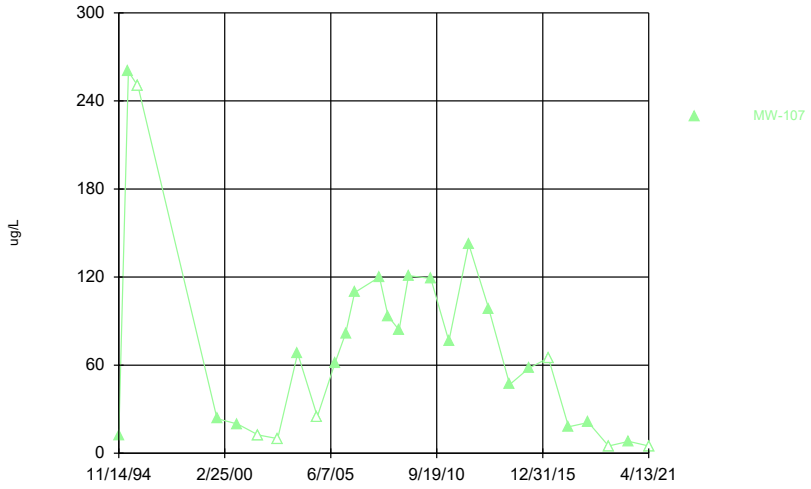

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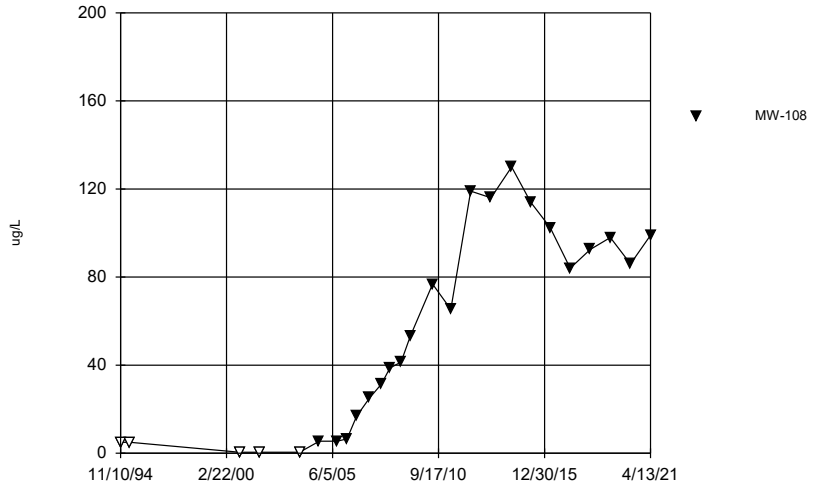

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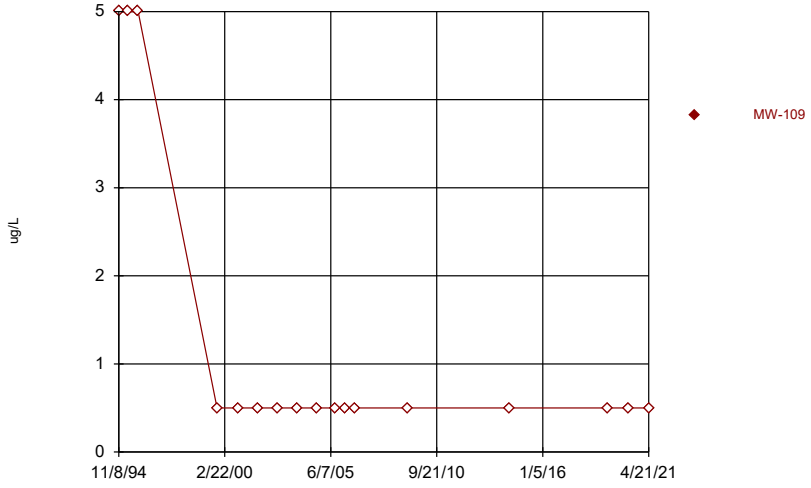

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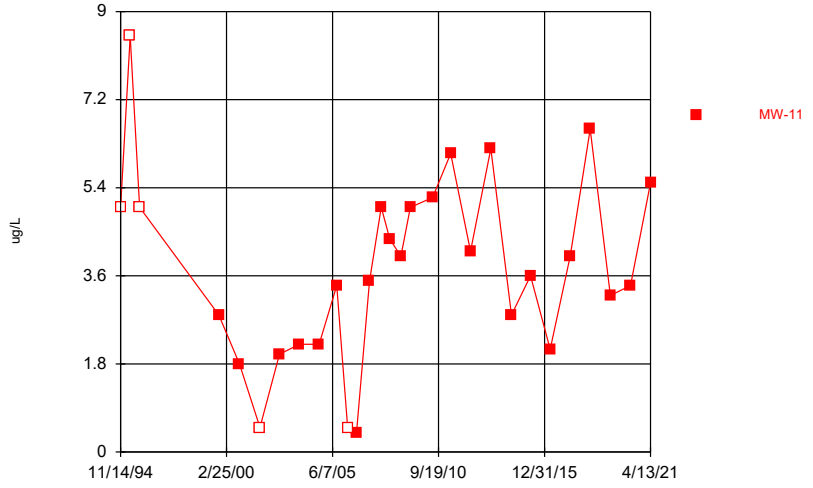

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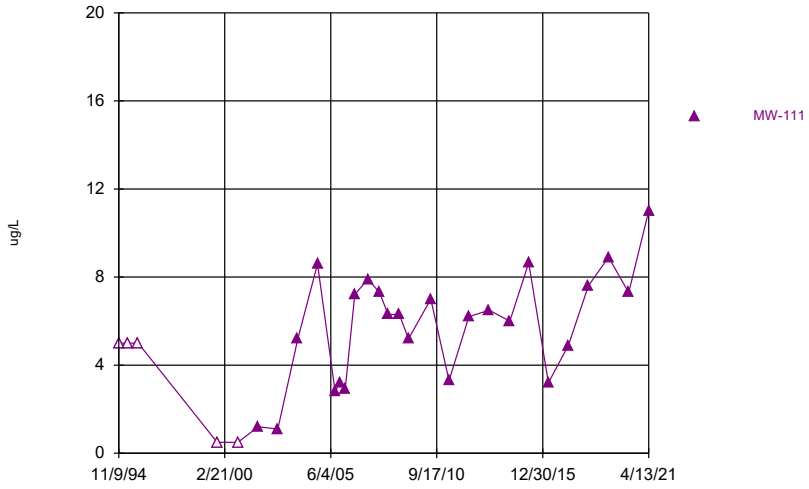

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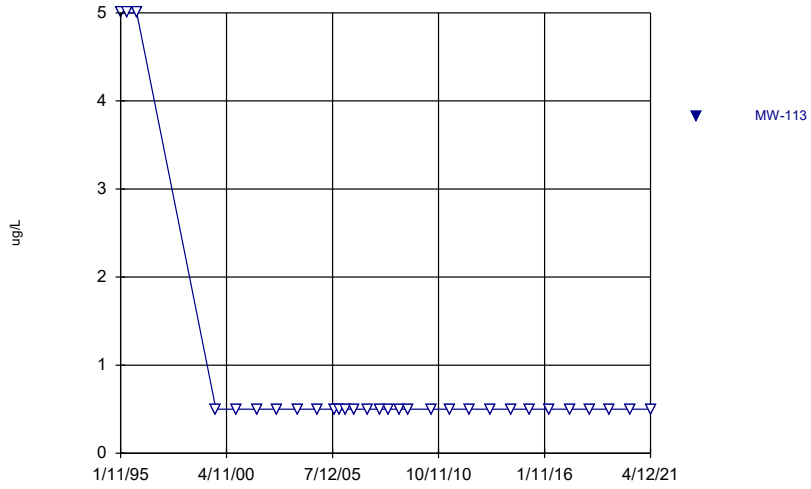

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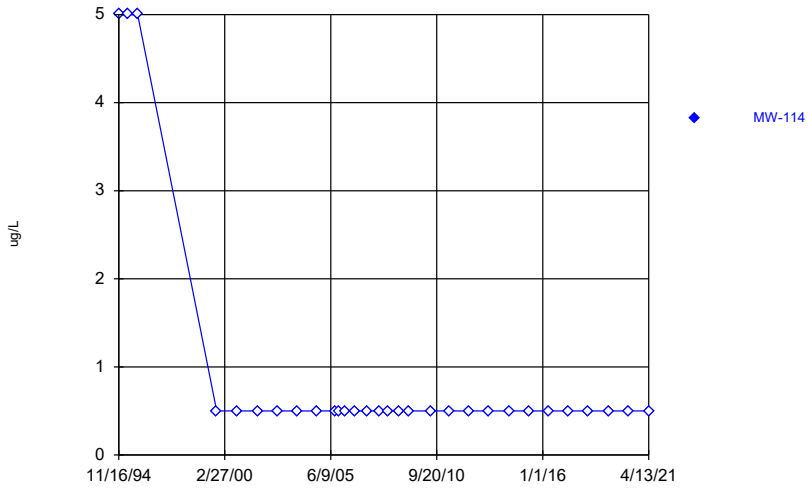

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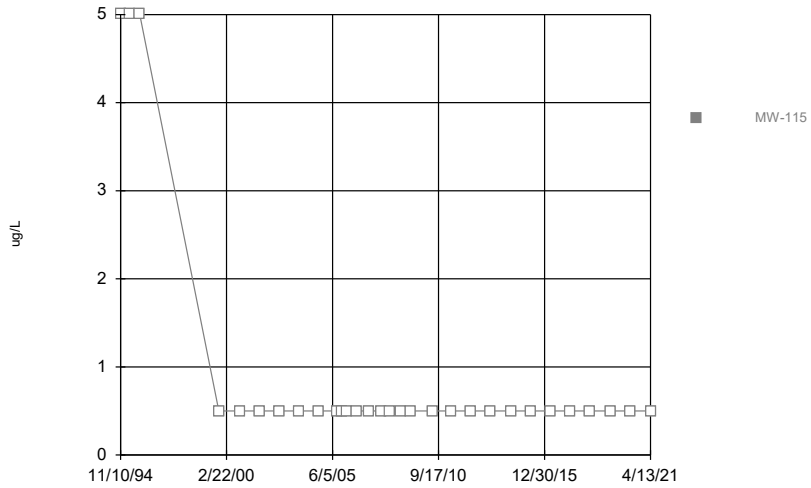

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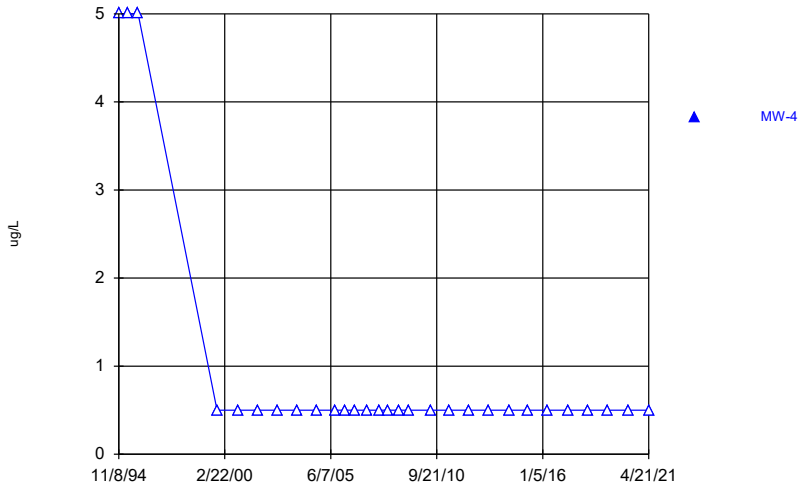

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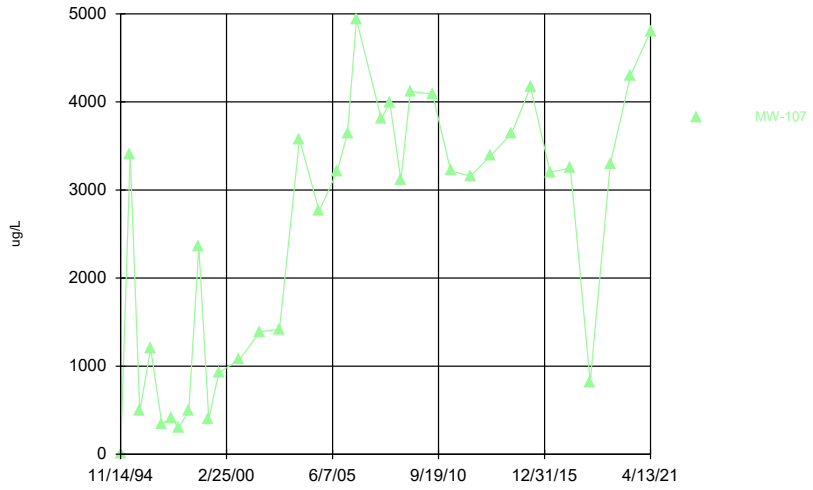

Constituent: Xylenes [total] Analysis Run 9/7/2021 12:41 PM View: WTU Time Series
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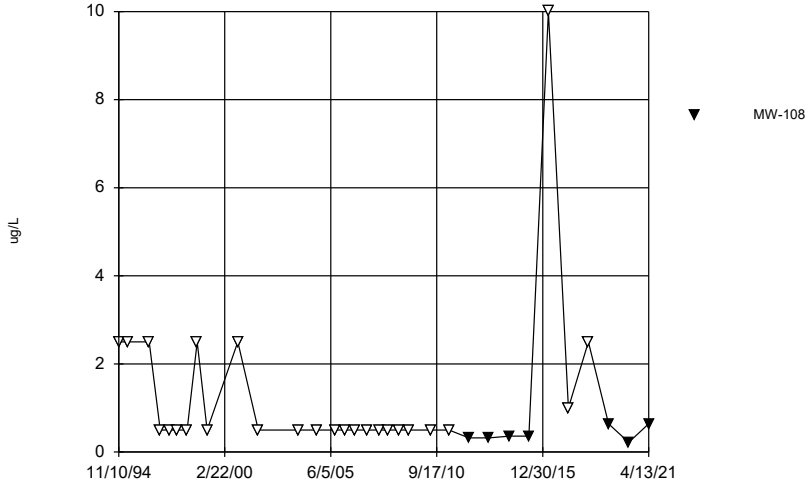
Time Series



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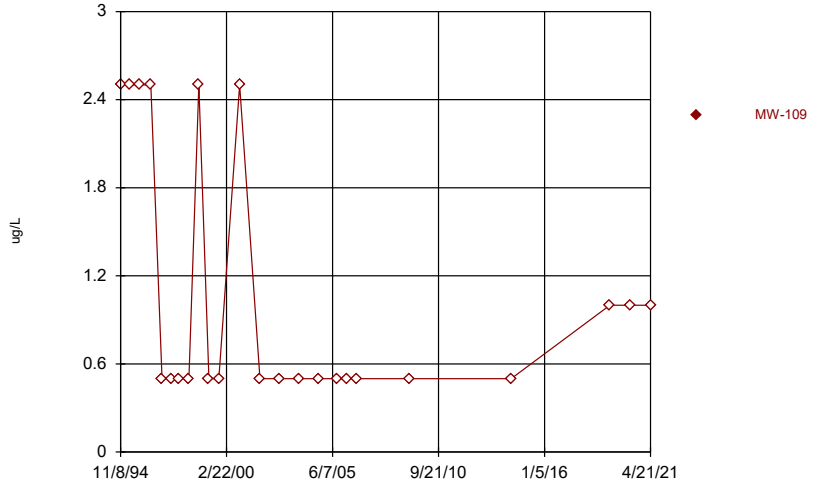

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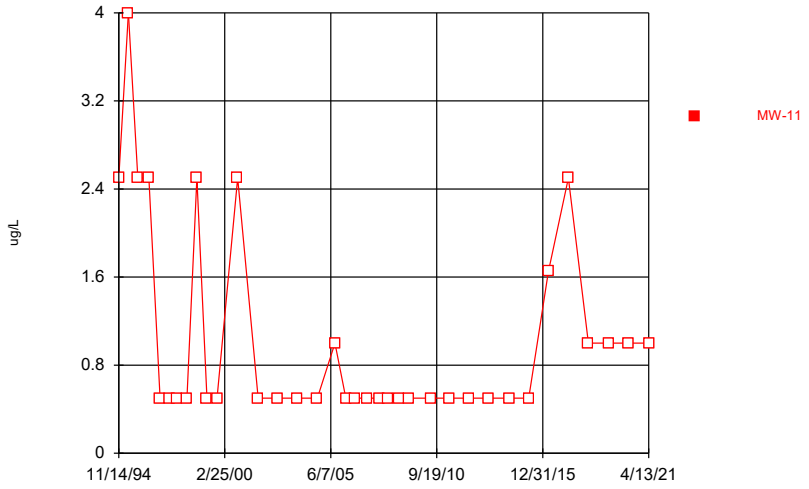

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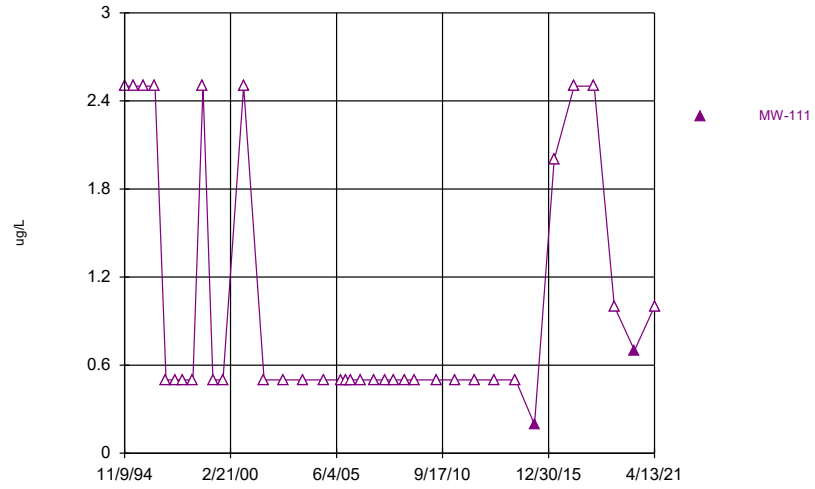

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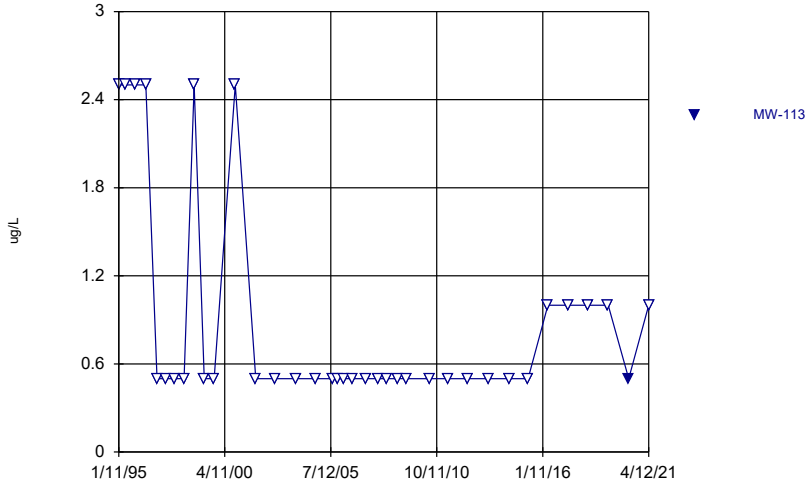

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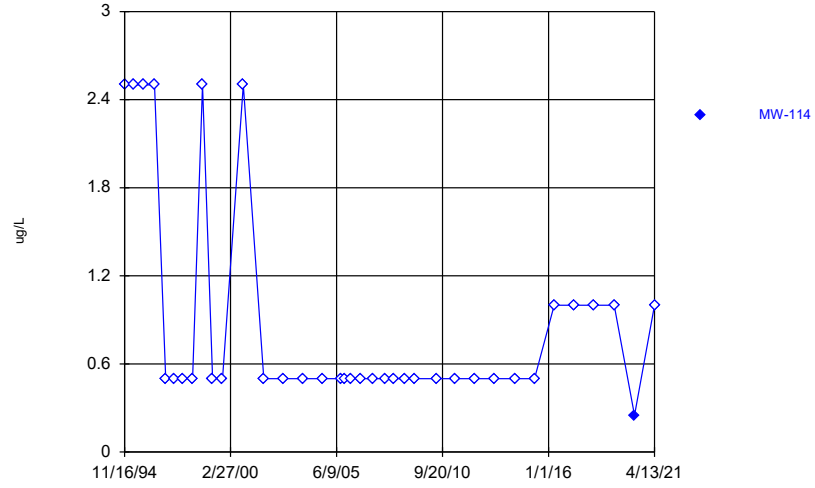

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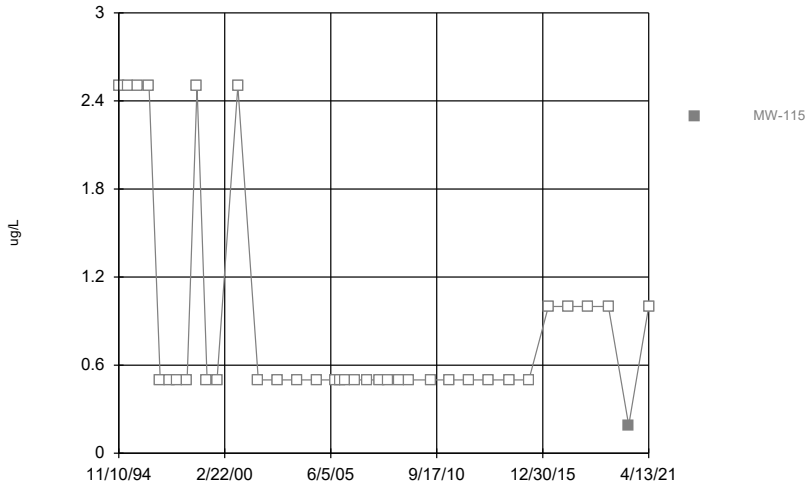

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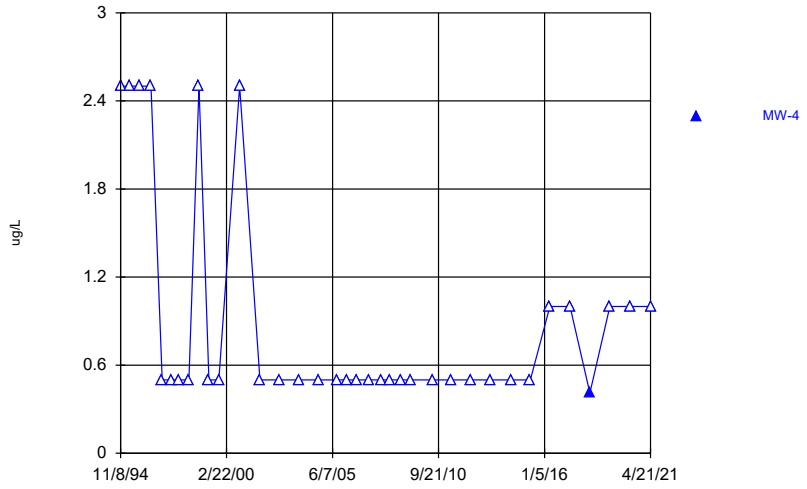
Hollow symbols indicate censored values.

Time Series



Constituent: Xylenes [total] Analysis Run 9/7/2021 12:41 PM View: WTU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

UPPER INTERMEDIATE UNIT WELLS

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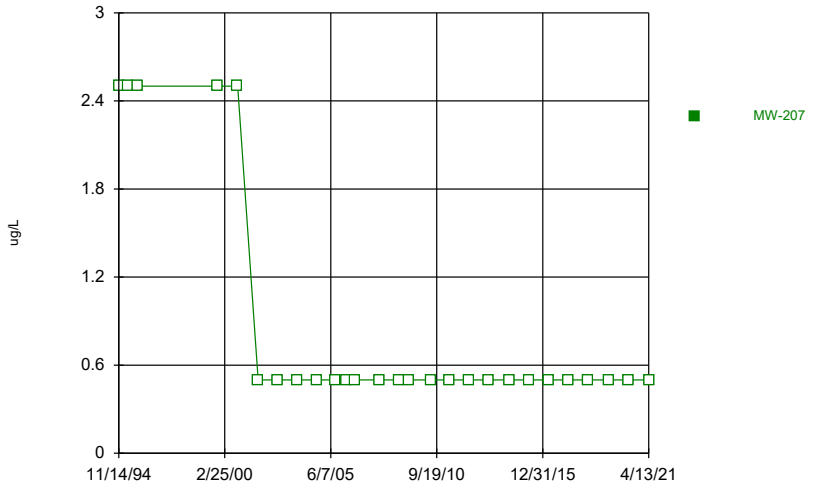
Hollow symbols indicate censored values.

Time Series



Constituent: 1,1,1-Trichloroethane Analysis Run 9/7/2021 12:43 PM View: UIU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

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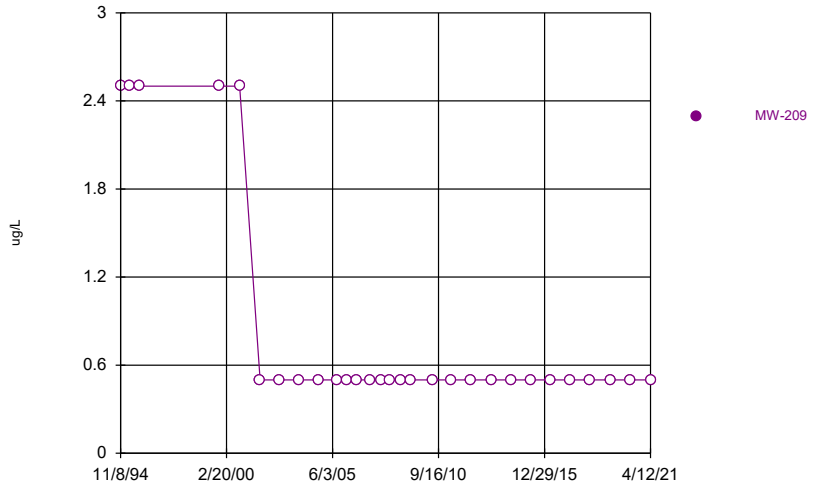
Hollow symbols indicate censored values.

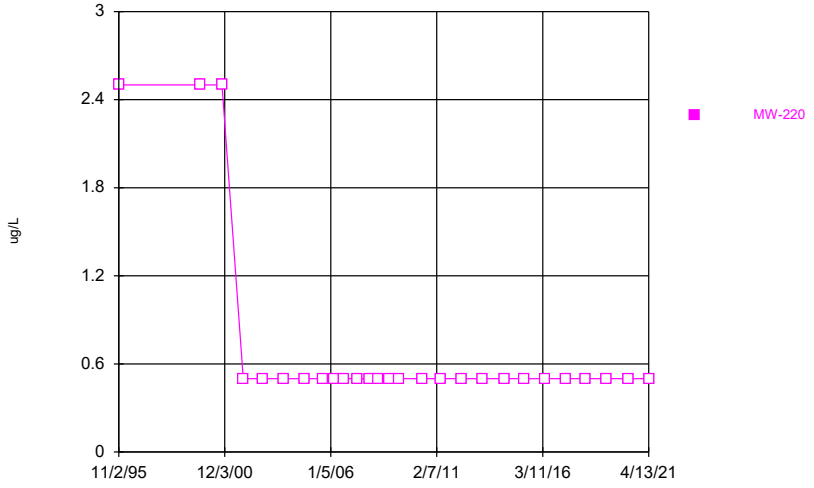
Time Series



Constituent: 1,1,1-Trichloroethane Analysis Run 9/7/2021 12:43 PM View: UIU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Time Series



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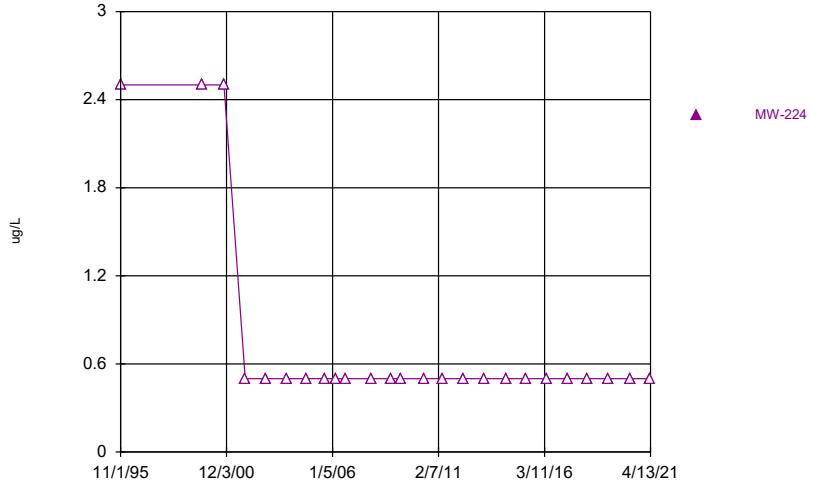
Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Time Series



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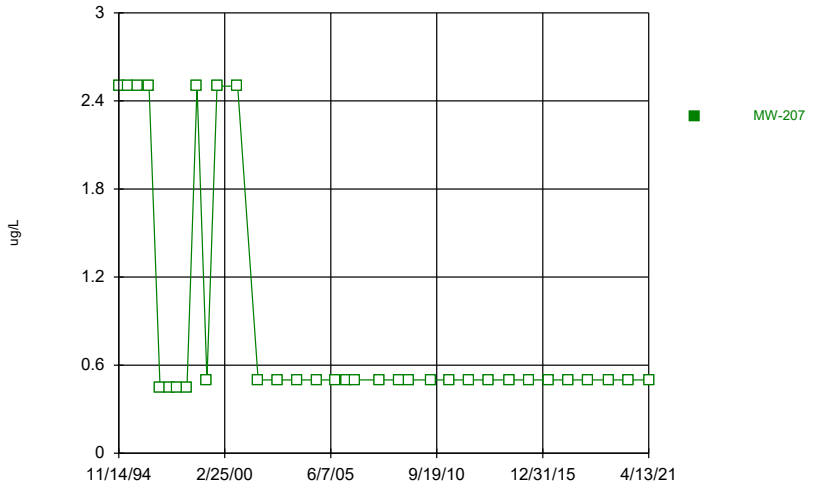
Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

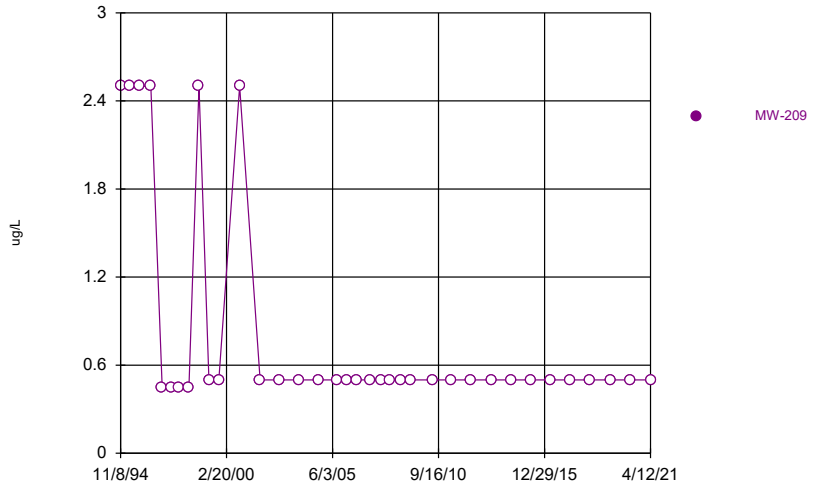
Time Series



Constituent: 1,1-Dichloroethane Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Time Series



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Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
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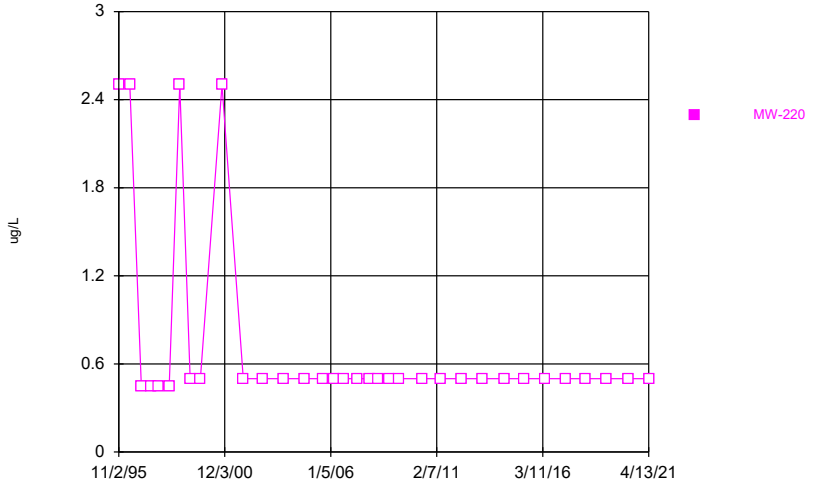
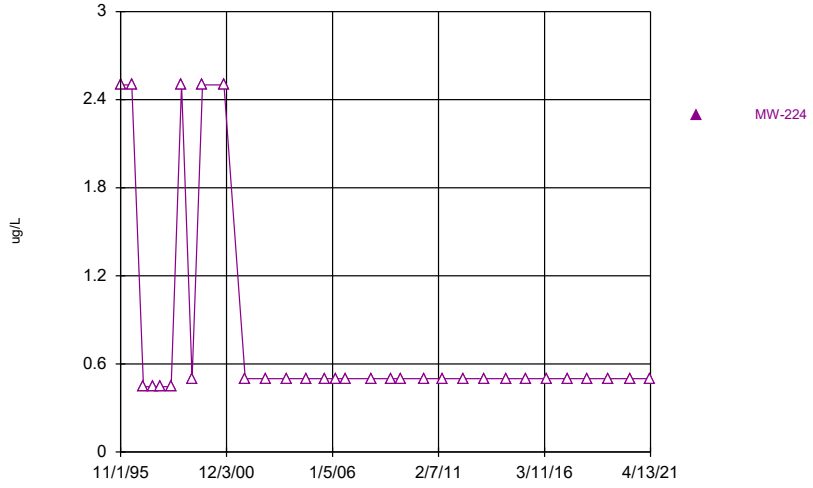
Time Series



Constituent: 1,1-Dichloroethane Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

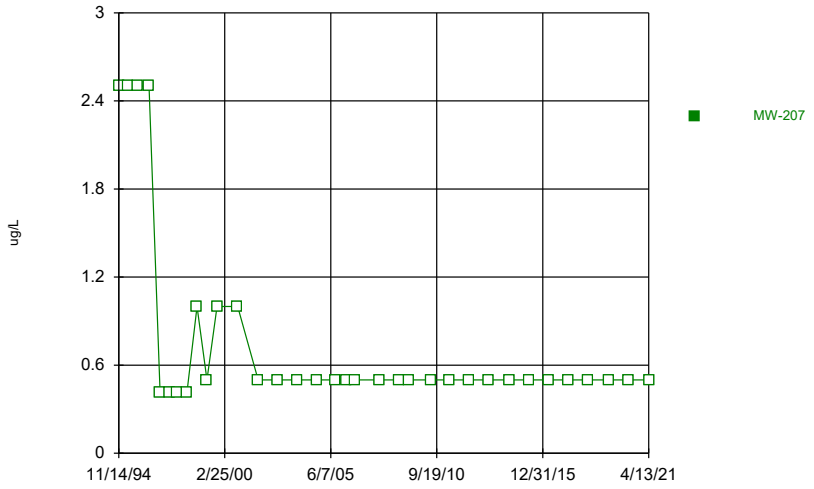
Time Series



Constituent: 1,1-Dichloroethane Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: 1,2-Dichloroethane Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
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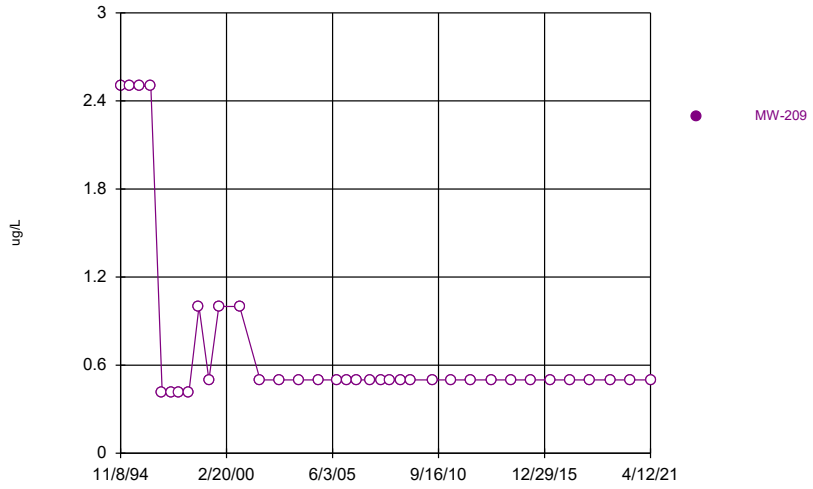
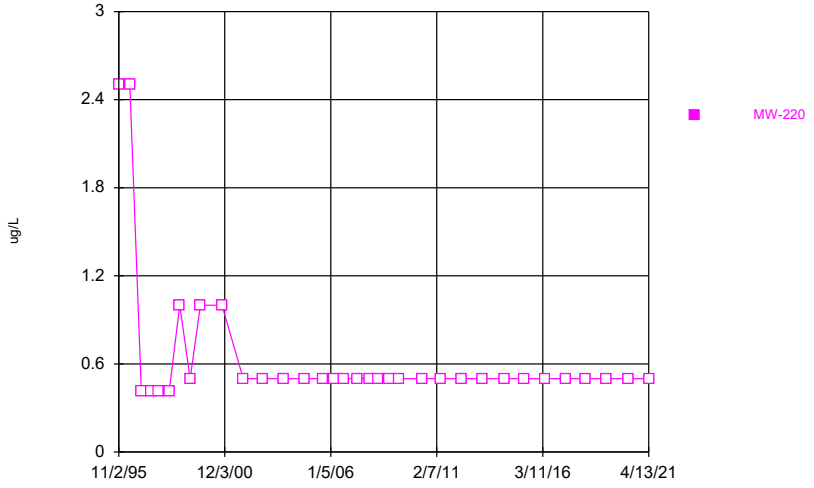
Time Series



Constituent: 1,2-Dichloroethane Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: 1,2-Dichloroethane Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
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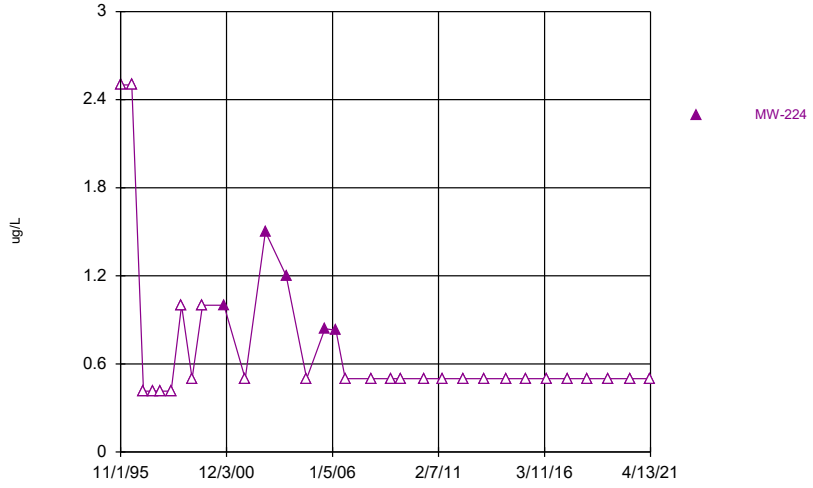
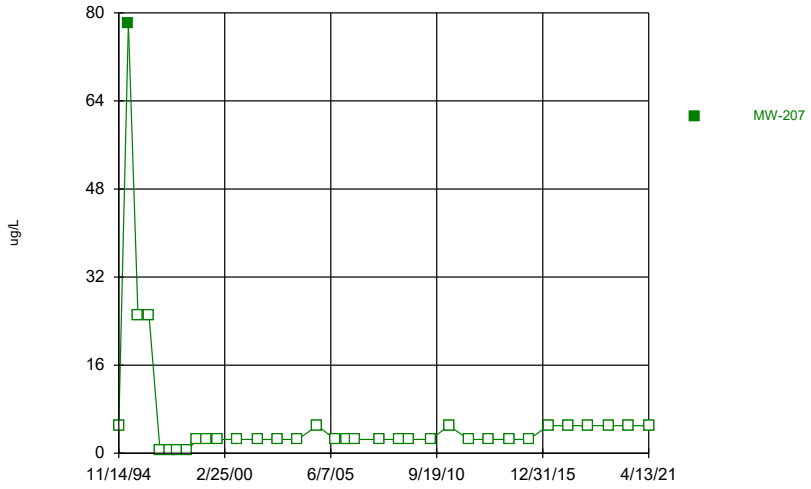
Time Series



Constituent: 1,2-Dichloroethane Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Acetone Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
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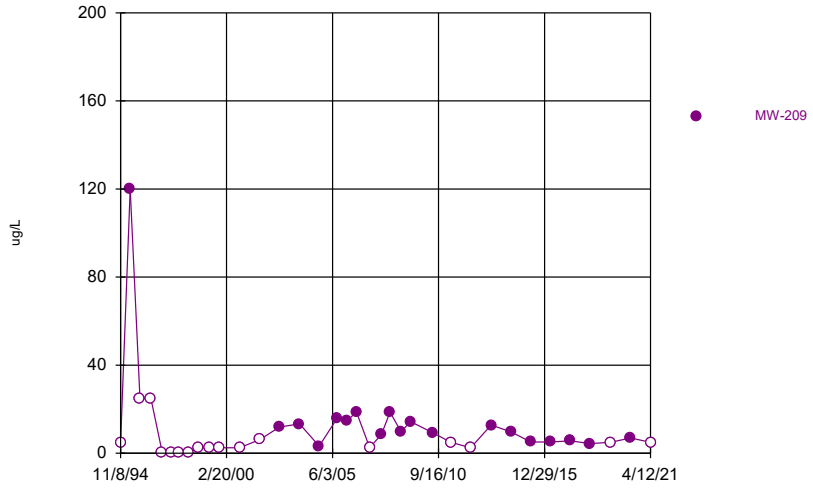
Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

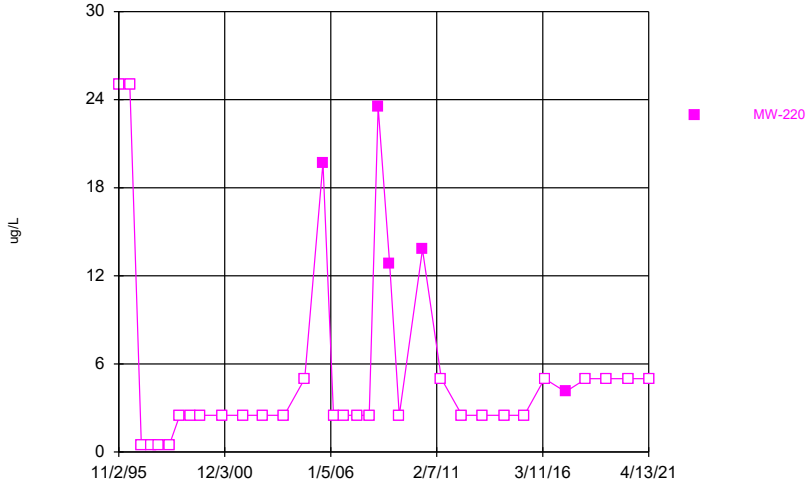
Time Series



Constituent: Acetone Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Acetone Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
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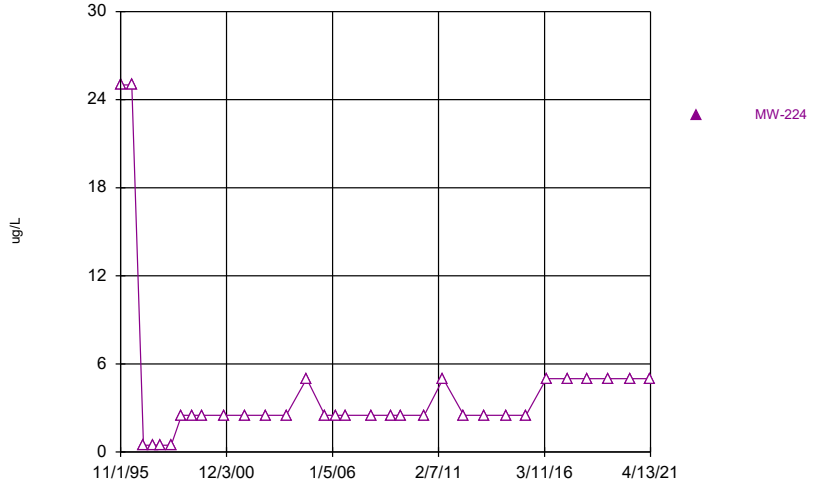
Time Series



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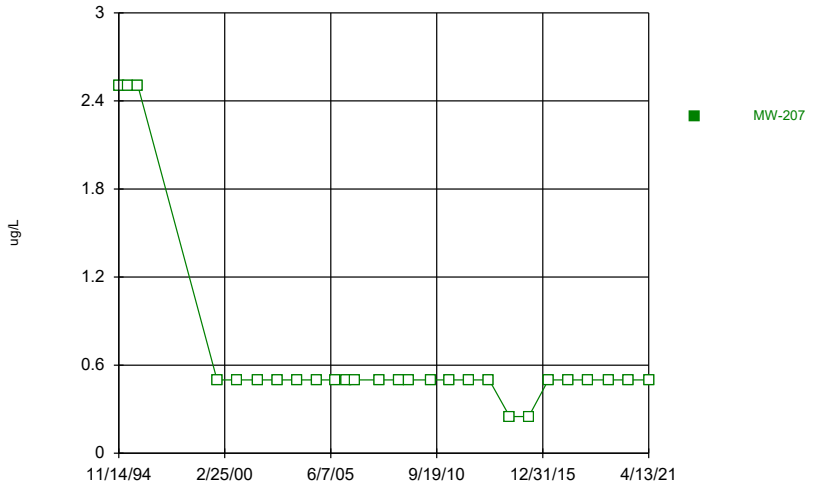
Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Benzene Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
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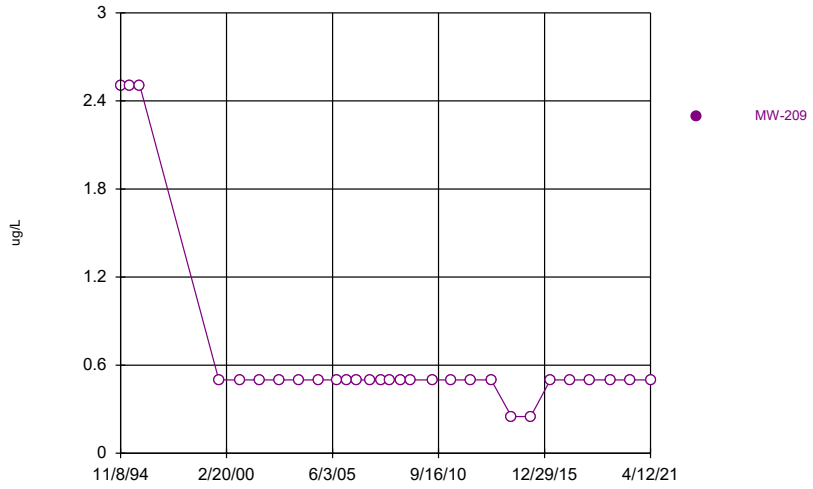
Time Series



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Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
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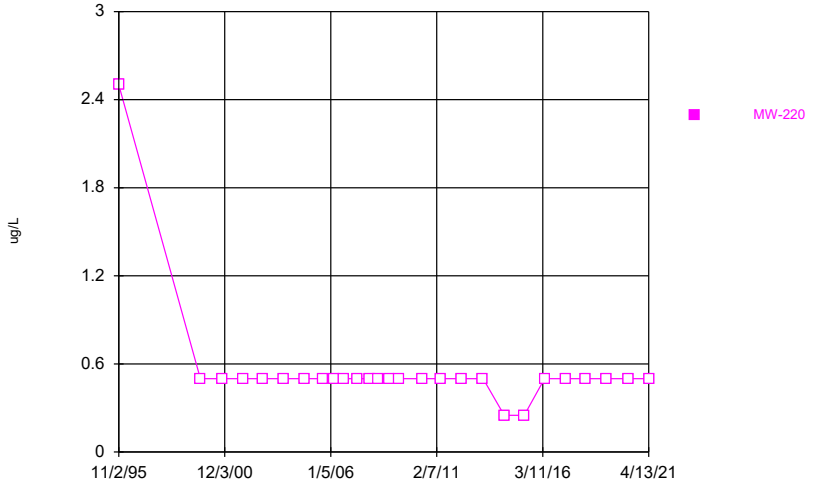

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Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
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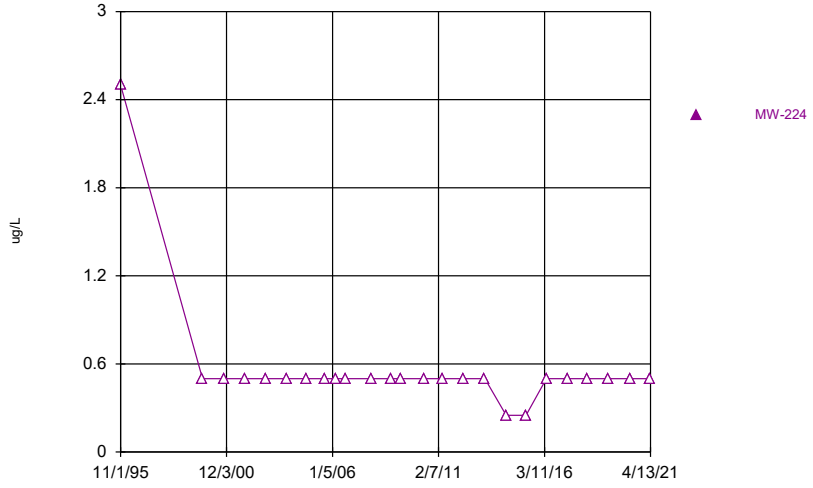
Time Series



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Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
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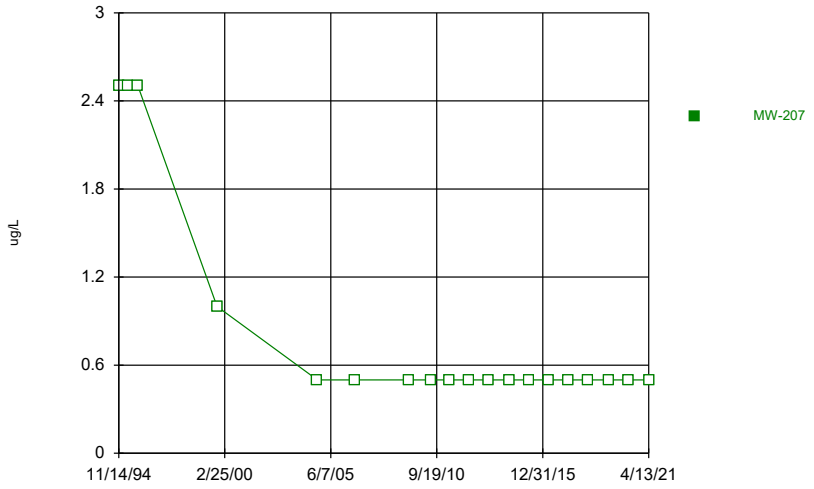
Time Series



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Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
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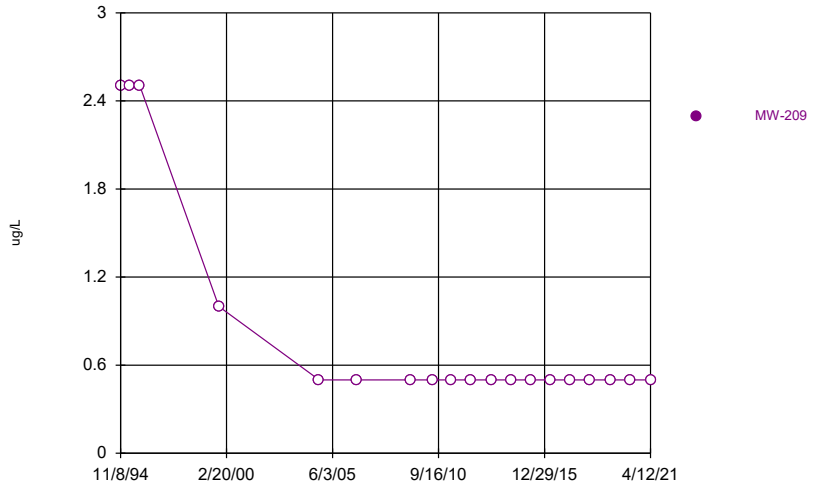

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Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
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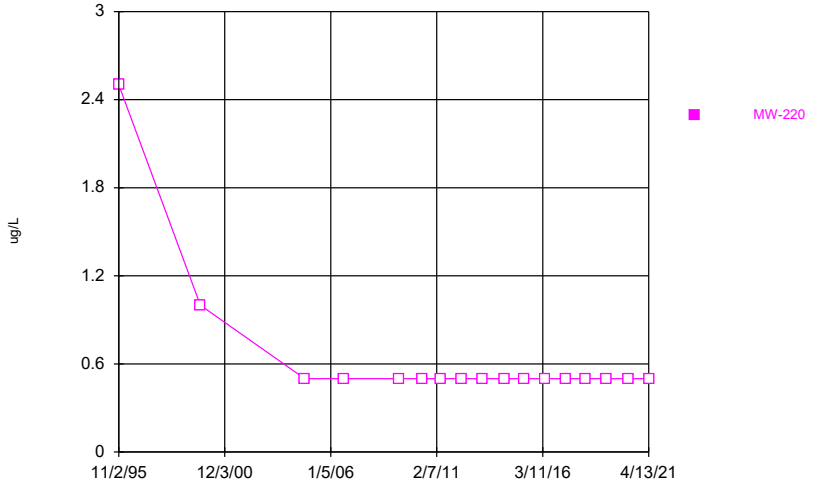

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Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
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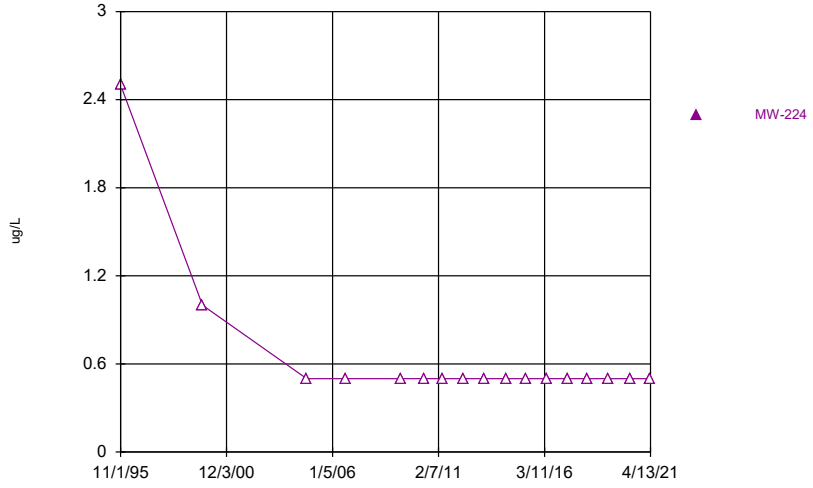

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Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
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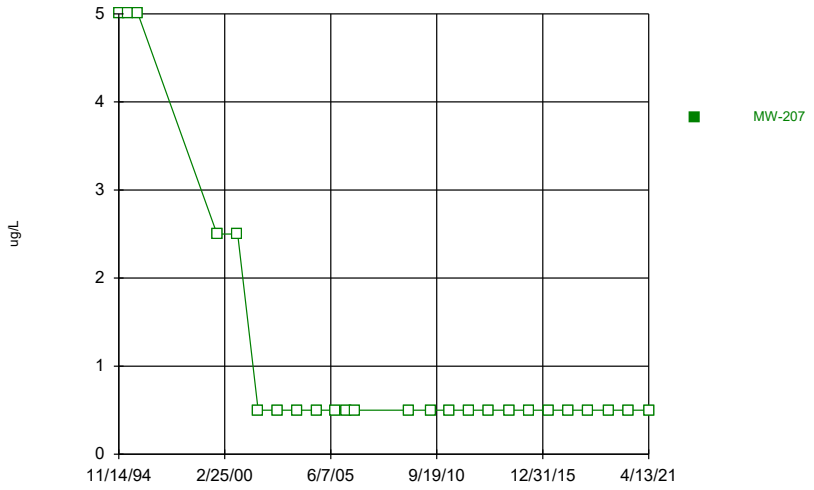

Constituent: Chloroethane Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
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Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
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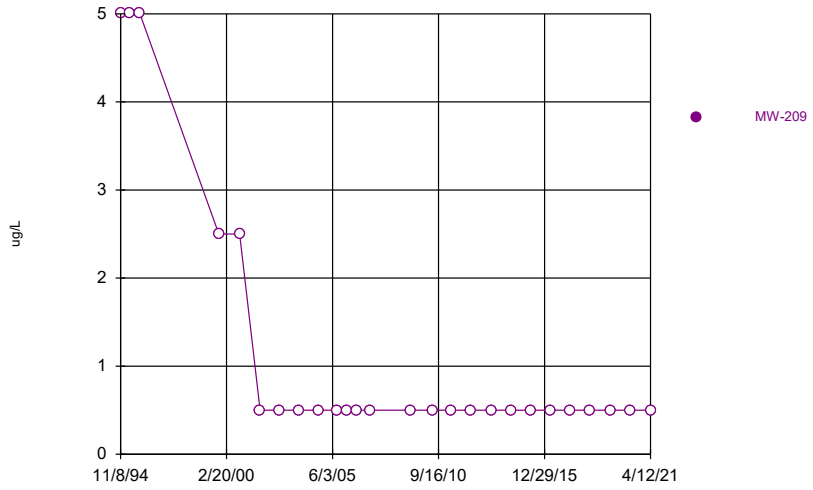
Time Series



Constituent: Chloroethane Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
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Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
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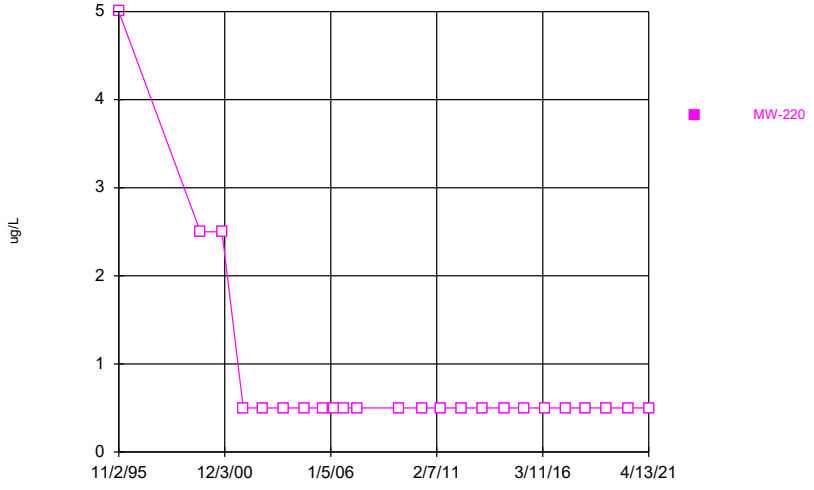
Time Series



Constituent: Chloroethane Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
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Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
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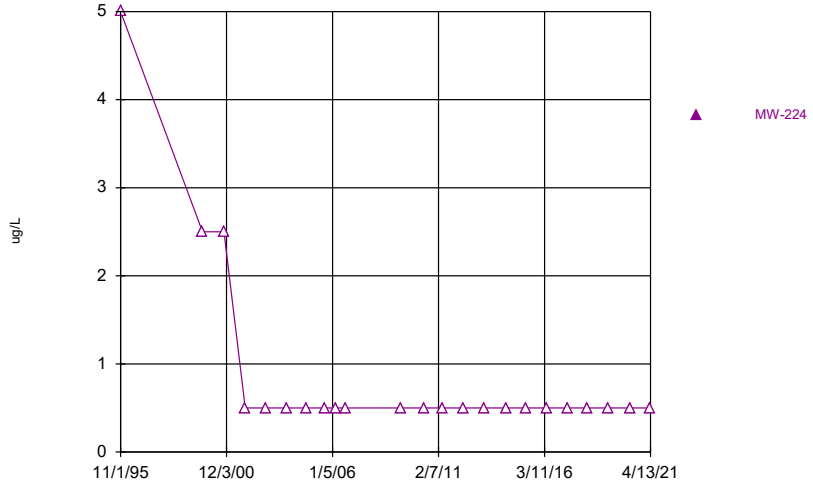
Time Series



Constituent: Chloroethane Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
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Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
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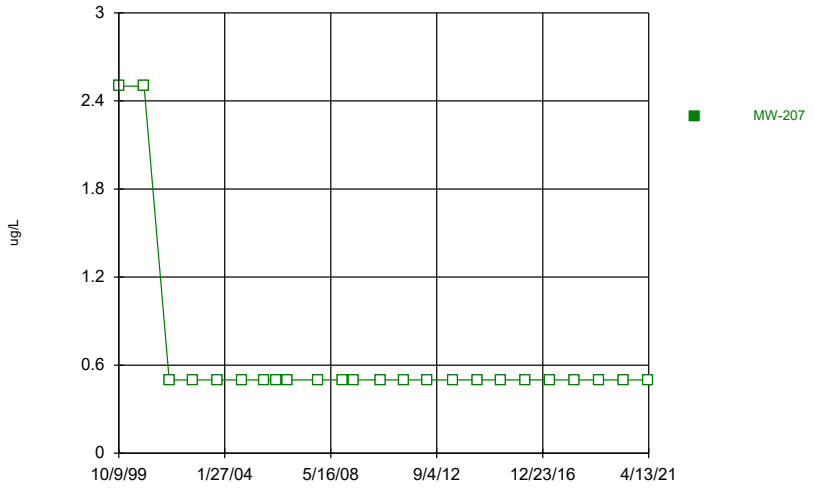

Constituent: cis-1,2-Dichloroethene Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
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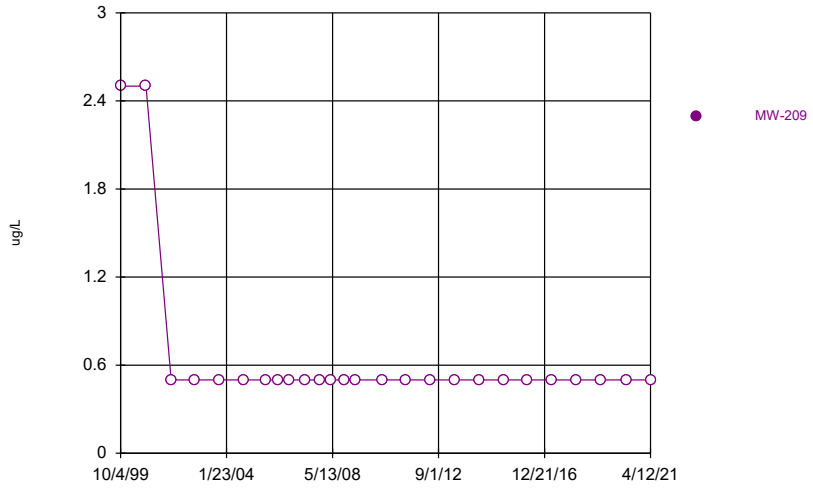

Constituent: cis-1,2-Dichloroethene Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
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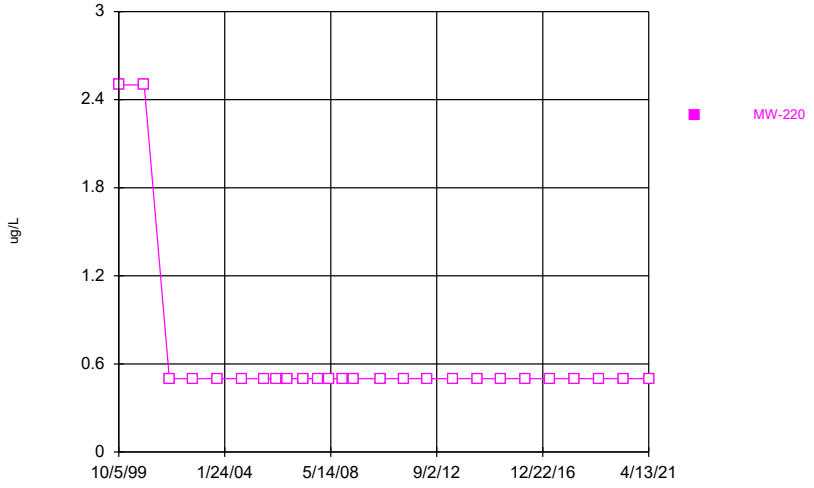
Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

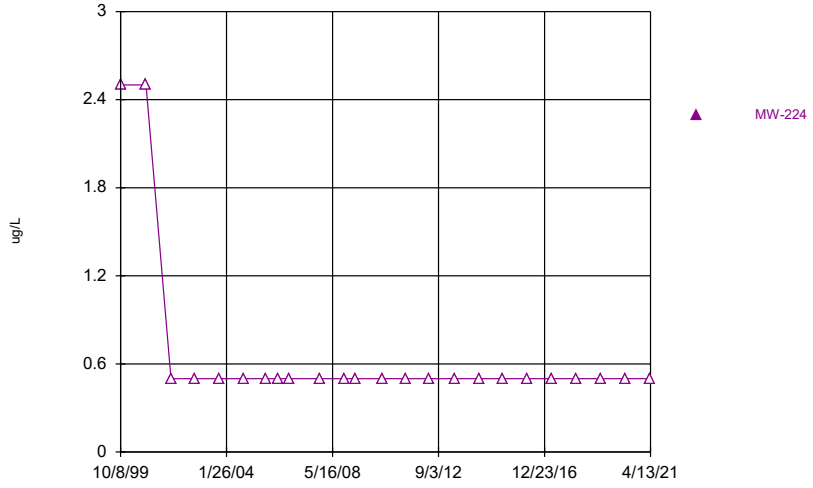
Time Series



Constituent: cis-1,2-Dichloroethene Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

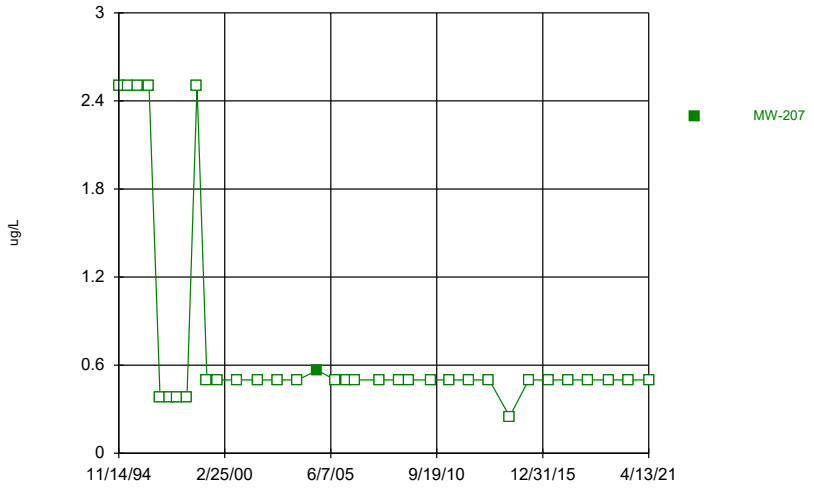
Time Series



Constituent: cis-1,2-Dichloroethene Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

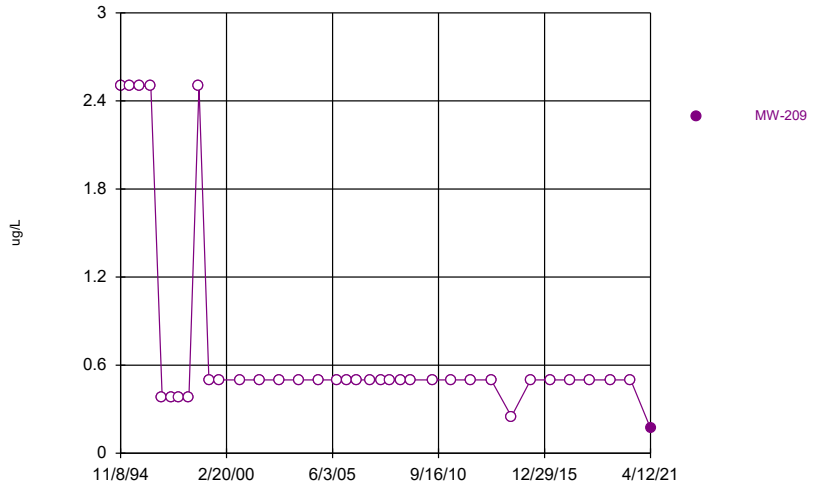
Time Series



Constituent: Ethylbenzene Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

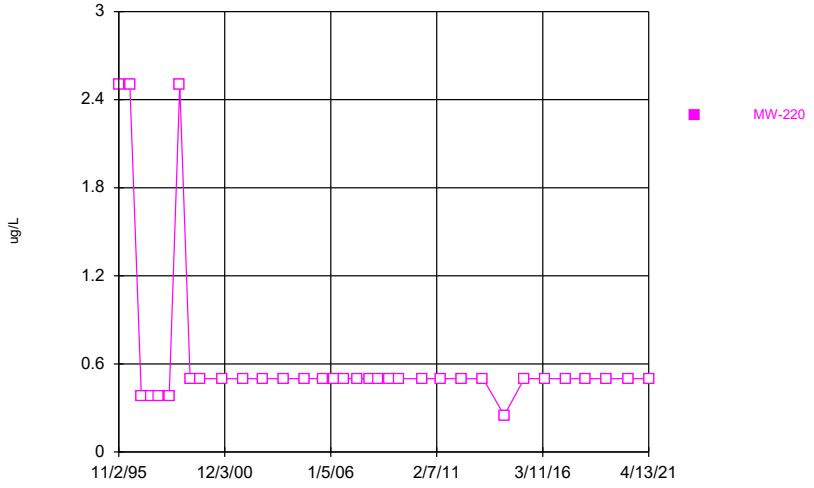
Time Series



Constituent: Ethylbenzene Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Ethylbenzene Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
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Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
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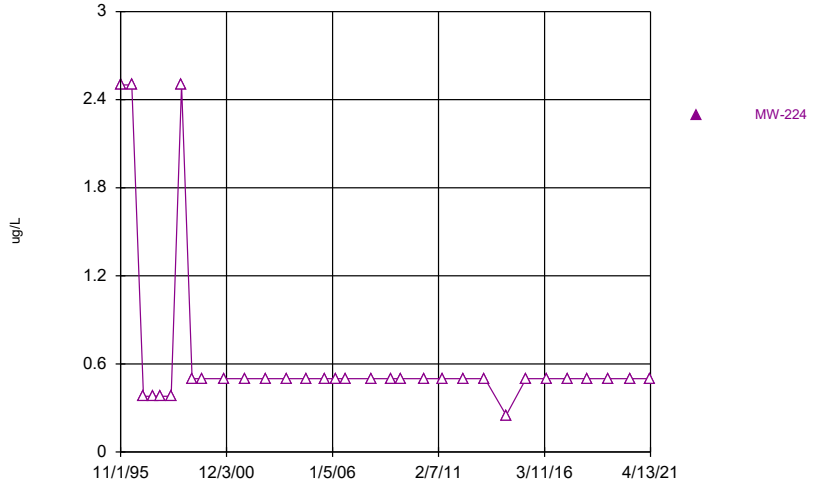
Time Series



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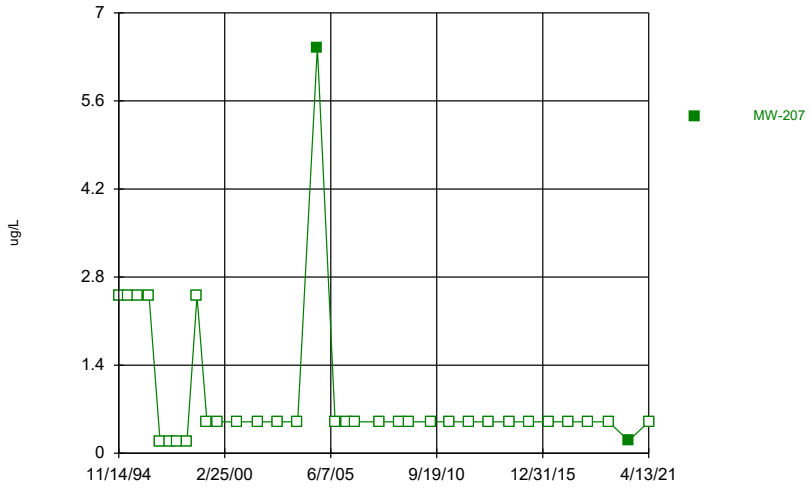
Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Toluene Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

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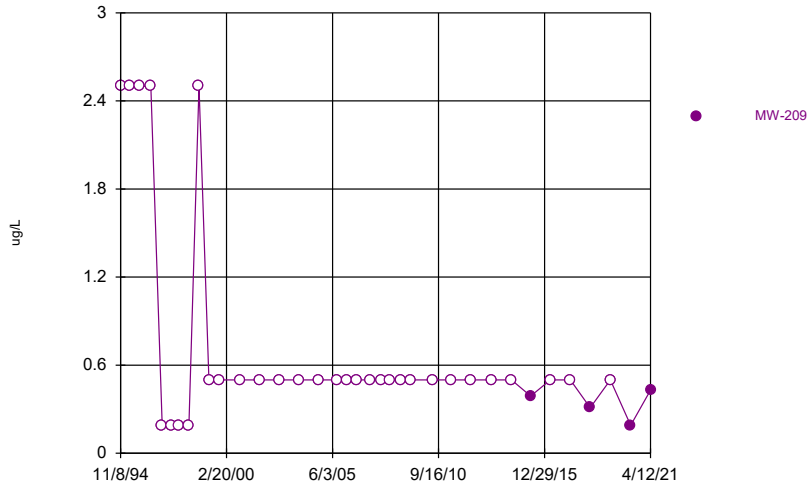
Hollow symbols indicate censored values.

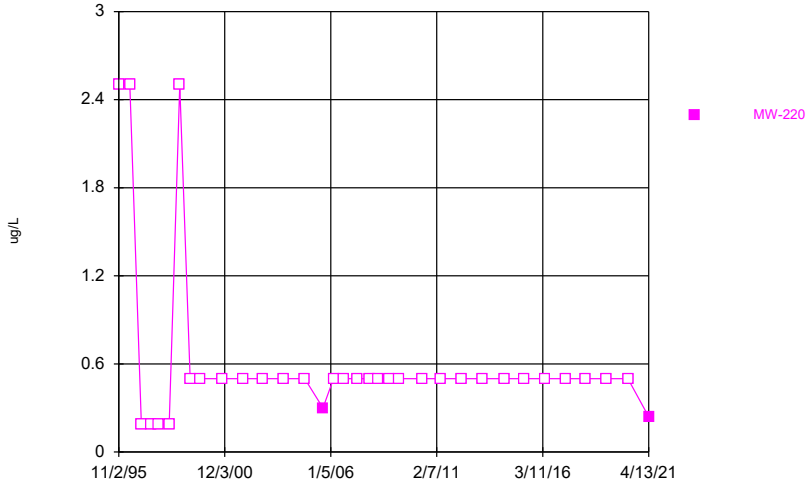
Time Series



Constituent: Toluene Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Time Series



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Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

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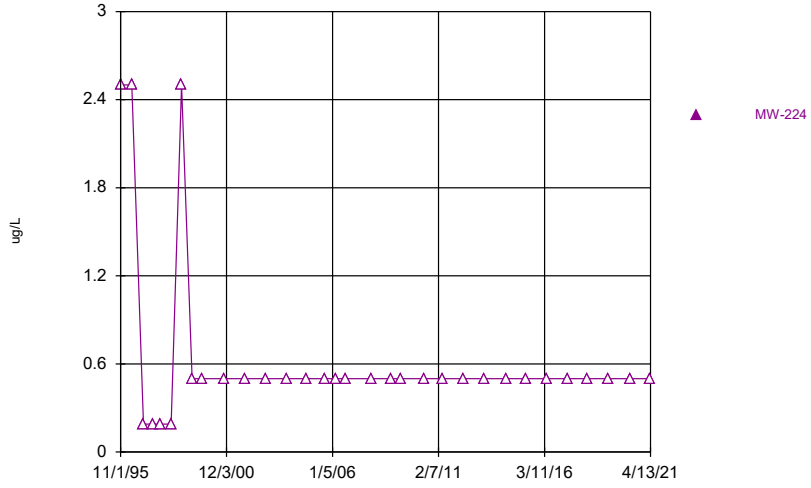

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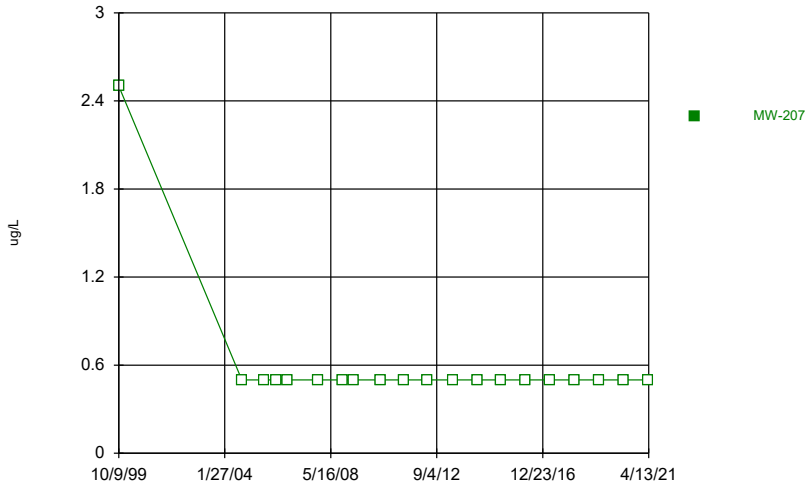
Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

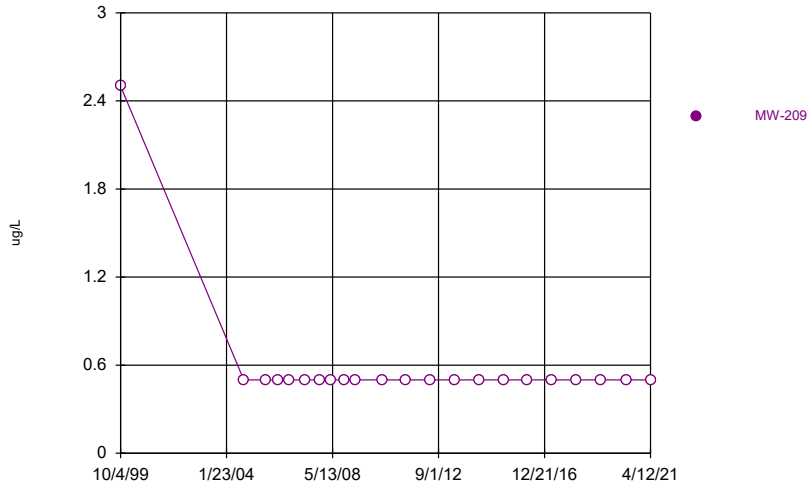
Time Series



Constituent: trans-1,2-Dichloroethene Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: trans-1,2-Dichloroethene Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
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Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

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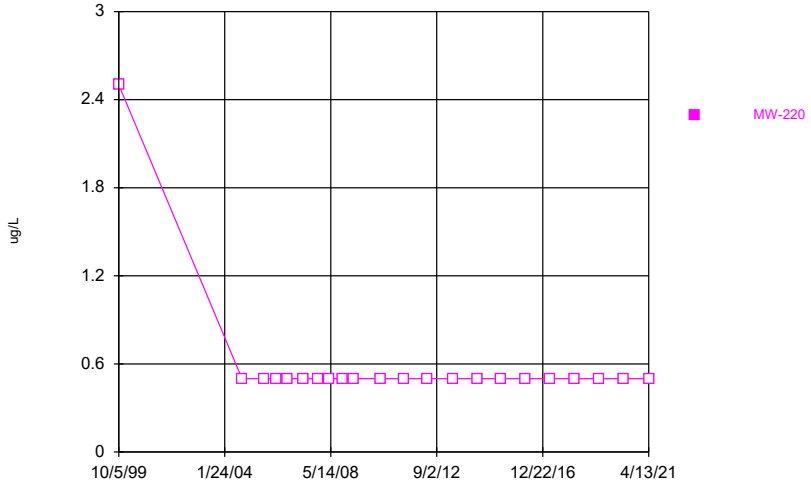
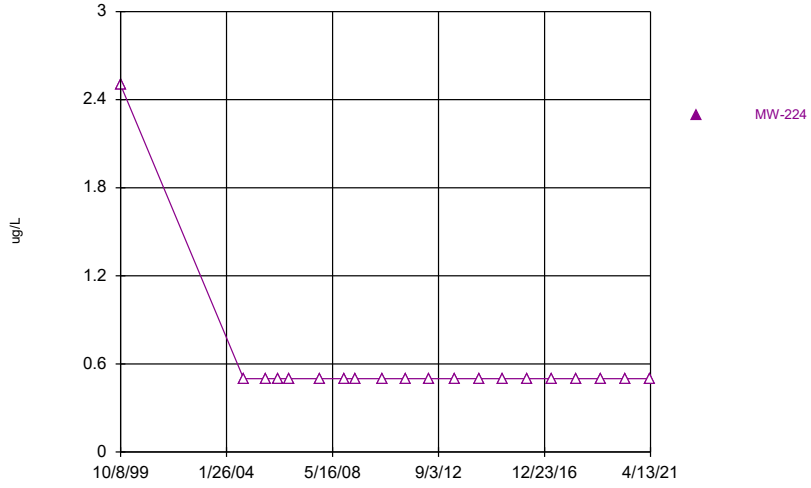


Constituent: trans-1,2-Dichloroethene Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: trans-1,2-Dichloroethene Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

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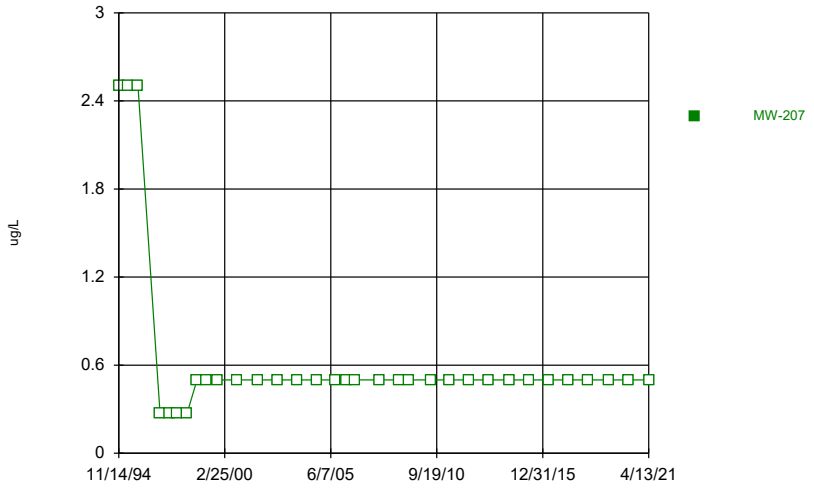
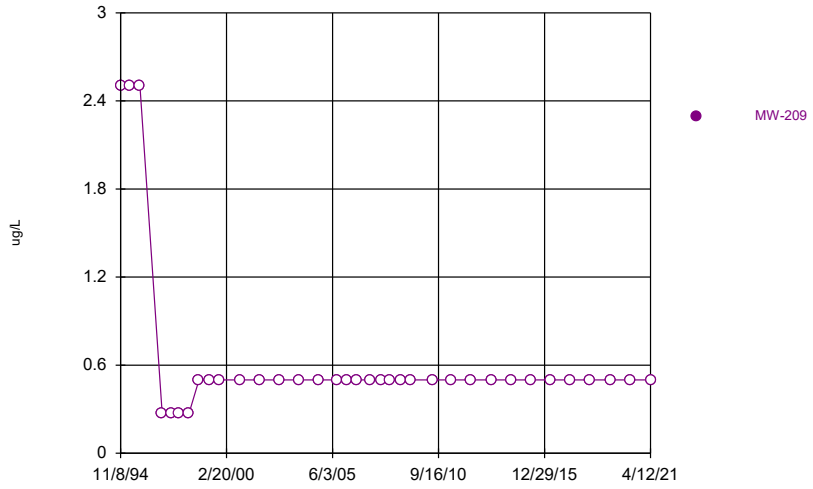


Constituent: Trichloroethene Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Time Series



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Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

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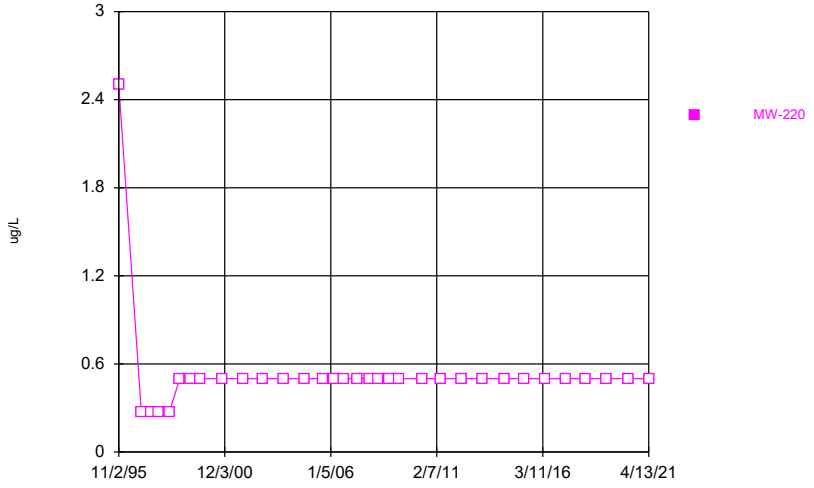

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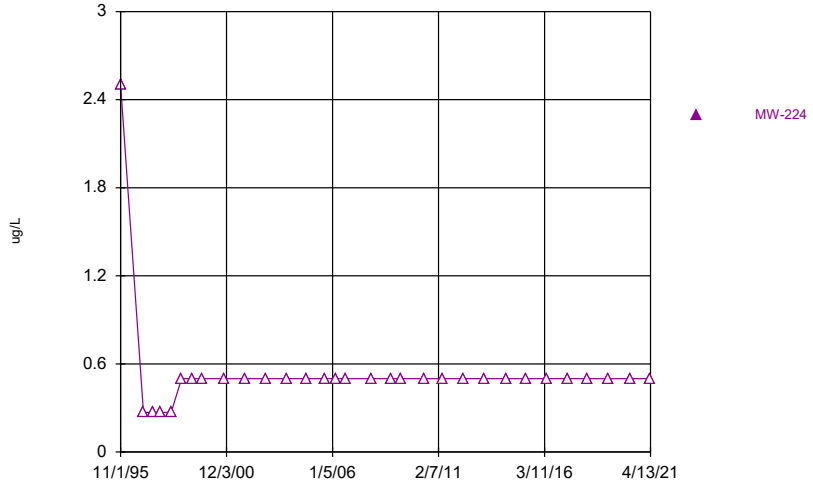
Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

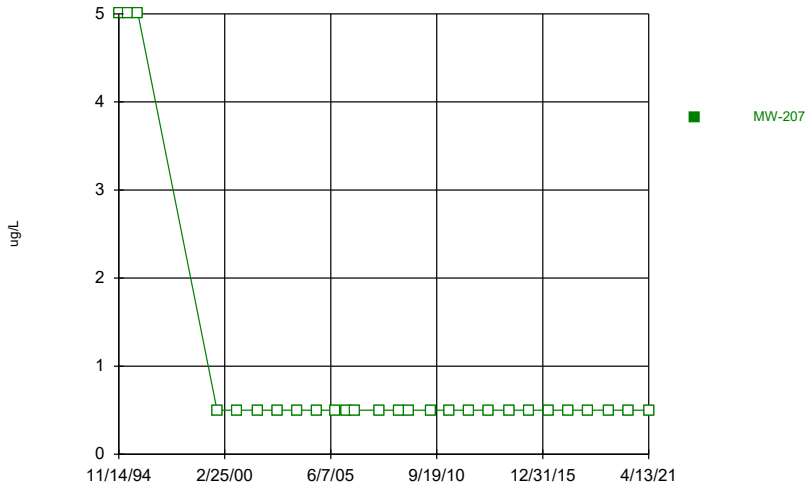
Time Series



Constituent: Trichloroethene Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

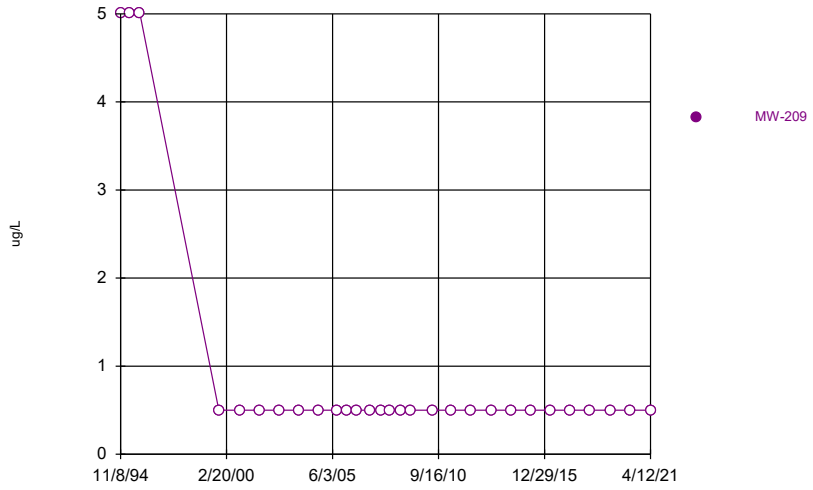
Time Series



Constituent: Vinyl chloride Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Time Series



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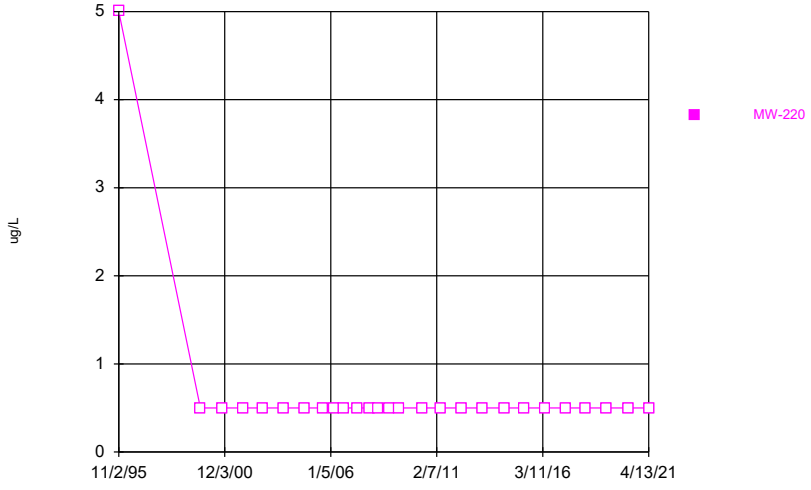
Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Vinyl chloride Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
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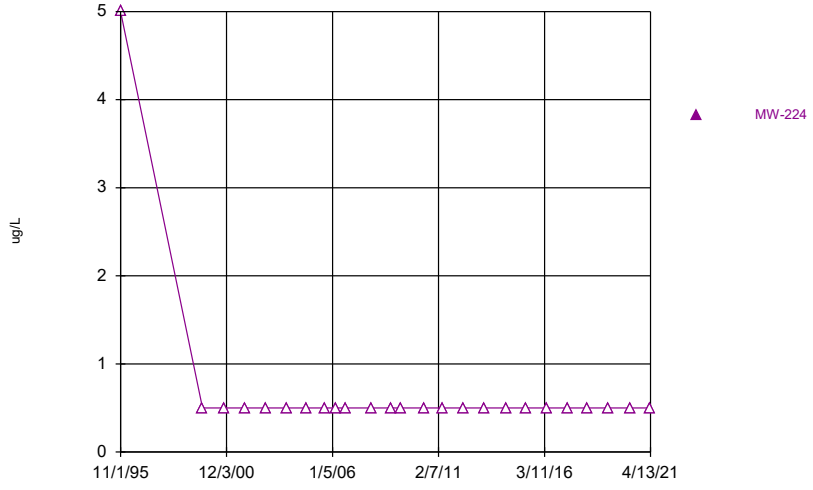
Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Vinyl chloride Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
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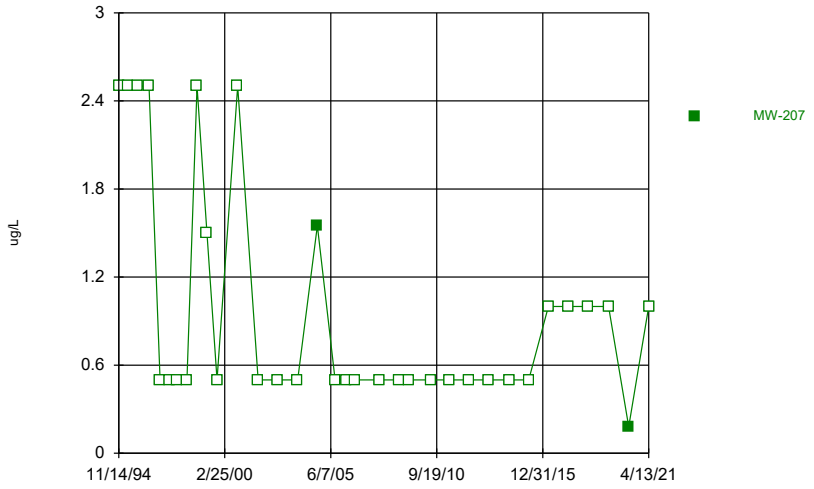
Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

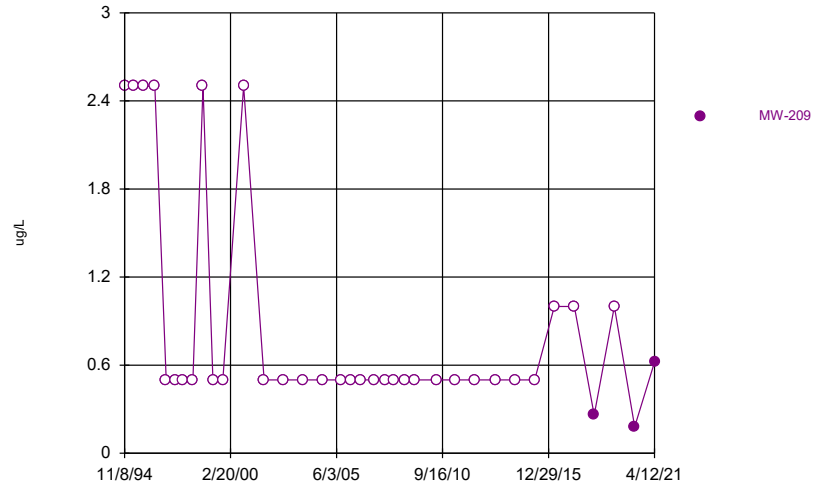
Time Series



Constituent: Xylenes [total] Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

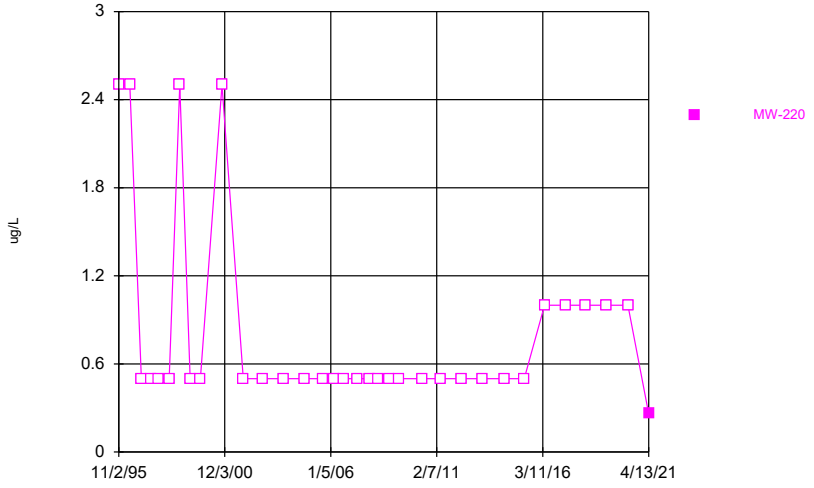
Time Series



Constituent: Xylenes [total] Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

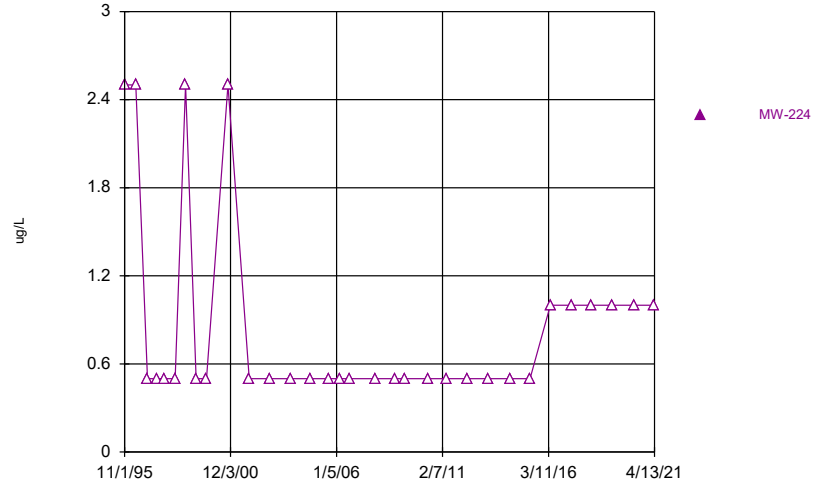
Time Series



Constituent: Xylenes [total] Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

Sanitas™ v.9.6.29 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Xylenes [total] Analysis Run 9/7/2021 12:44 PM View: UIU Time Series
Summit National Site Client: Summit National Site Data: Summit.National.Database

APPENDIX E.

WATER-QUALITY DATA RESULTS, WATER TABLE UNIT & UPPER INTERMEDIATE UNIT, 2004 & 2009-2021

WATER TABLE UNIT WELLS

MW-4	10/4/2004	4/21/2009	6/2/2010	4/29/2011	4/24/2012	4/30/2013	5/6/2014	4/21/2015	4/13/2016	4/13/2017	4/10/2018	4/10/2019	4/14/2020	4/21/2021
1,1,1-Trichloroethane	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)
1,1-Dichloroethane	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)
1,2-Dichloroethane	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)
Acetone	ND(10)	ND(5.0)	ND(5.0)	ND(10.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(10)	ND(10)	ND(10)/ND(10)	ND(10)/ND(10)	ND(10)
Benzene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)
Chlorobenzene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)
Chloroethane	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)
cis-1,2-Dichloroethene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)
Ethylbenzene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)
Toluene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.50 J	ND(1.0)/ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)
trans-1,2-Dichloroethene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)
Trichloroethene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)
Vinyl chloride	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)
Xylenes [total]	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)	ND(2.0)	0.41 J	ND(2.0)/ND(2.0)	ND(2.0)/ND(2.0)	ND(2.0)

MW-11	10/7/2004	4/23/2009	6/2/2010	4/29/2011	4/24/2012	4/29/2013	5/9/2014	4/21/2015	4/12/2016	4/12/2017	4/9/2018	4/12/2019	4/14/2020	4/13/2021
1,1,1-Trichloroethane	54.3	45.5	37.7	28.1	24.4	28	17.6	20.1	14	14	15	11	13	15
1,1-Dichloroethane	73.7	76.2	79.3	63.4	63.3	77.7	54.4	57.7	48	54	70	56	65	71
1,2-Dichloroethane	1.8	1.6	1.3	1.2	1.3	1.5	1.1	1.1	0.98 J	1.2 J	1.0	0.9 J	1.1	0.90 J
Acetone	ND(10)	ND(5)	ND(5)	ND(10)	ND(5)	ND(5)	ND(5)	ND(5)	ND(17)	ND(25)	ND(10)	ND(10)	ND(10)	ND(10)
Benzene	0.55 J	0.7 J	0.71 J	0.61 J	0.55J	0.7J	ND(0.5)	0.33 J	ND(1.7)	ND(2.5)	0.48 J	0.25 J	0.29 J	0.54 J
Chlorobenzene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.7)	ND(2.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Chloroethane	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.7)	ND(2.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
cis-1,2-Dichloroethene	62.3	55.5	59.2	50.7	44.2	57.5	33.3	32.1	28	27	49	29	29	38
Ethylbenzene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(0.5)	ND(1.0)	ND(1.7)	ND(2.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Toluene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.7)	ND(2.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
trans-1,2-Dichloroethene	2	2.4	2.4	1.9	1.6	2.1	0.88 J	1.1	0.74 J	0.91 J	1.3	0.8 J	0.8 J	1.5
Trichloroethene	186	122	101	95.9	75.6	88.9	36.9	45.9	44	42	88	31	32	79
Vinyl chloride	2.2	5	5.2	6.1	4.1	6.2	2.8	3.6	2.1	4	6.6	3.2	3.4	5.5
Xylenes [total]	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.3)	ND(5.0)	ND(5.0)	ND(2.0)	ND(2.0)	ND(2.0)

MW-107	10/7/2004	4/24/2009	6/2/2010	4/29/2011	4/24/2012	4/29/2013	5/9/2014	4/21/2015	4/13/2016	4/13/2017	4/9/2018	4/12/2019	4/14/2020	4/13/2021
1,1,1-Trichloroethane	195	134	122	57.9	57.1 / 54.3	33	19.5	27 / ND(20)	ND(130)	11 / 11	9.4	3.2 J	6.6 J	4.2 J
1,1-Dichloroethane	1200	1320	1600	1060	1610 / 1300	1340	1330	1550 / 1560	1200	1100 / 1200	1100	690	890	530
1,2-Dichloroethane	265	291	219	157	210 / 214	137	72.8	77.3 / 81.5	54 J	55 / 50	ND(170)	17	28	15
Acetone	ND(500)	ND(250)	ND(50)	ND(100)	ND(25)/ND(50)	ND(50)	ND(50)	ND(100)/ND(100)	ND(1300)	ND(63)/ND(63)	5.0 J	ND(10)	ND(100)	ND(100)
Benzene	76.2	97.8	110	82.3	89.1 / 89.5	90.9	94.9	103 / 108	84 J	76 / 73	87 J	89	93	94
Chlorobenzene	53.4	63.5	68.1	54.2	51.9 / 51.0	55.1	58.3	62.3 / 60.3	46 J	42 / 40	ND(170)	ND(10)	52	60
Chloroethane	ND(50)	ND(50)	ND(10)	5.0 J	ND(5.0)/ND(10)	ND(10)	10.8	20.4 / 18.1 J	ND(130)	56 / 56	92 J	390	340	330
cis-1,2-Dichloroethene	281	369	434	270	208 / 211	104	43.7	45.1 / 54.8	41 J	11 / 11	15	ND(10)	5.8 J	ND(10)
Ethylbenzene	830	1230	1240	989	907 / 944	1030	1150	1220 / 1230	1000	990 / 970	990	940	1200	1400
Toluene	8710	5370	5190	4040	1510 / 1340	2690	3440	3960 / 3940	3700	1800 / 1800	3700	3000	4900	5000
trans-1,2-Dichloroethene	ND(50)	ND(50)	ND(10)	ND(10)	2.7 J / ND(10)	ND(10)	ND(10)	ND(20)/ND(20)	ND(130)	ND(6.3)/ND(6.3)	2.7	ND(10)	ND(10)	ND(10)
Trichloroethene	ND(50)	ND(50)	6.7 J	4.5 J	5.1 / 4.1 J	4.2 J	ND(10)	ND(20)/ND(20)	ND(130)	ND(6.3)/ND(6.3)	1.6	ND(10)	ND(10)	1.4 J
Vinyl chloride	ND(50)	121	119	76.3	142 / 143	97.8	46.8	55.4 / 60.1	ND(130)	17 / 19	21	ND(10)	8.1 J	ND(10)
Xylenes [total]	2760	4120	4090	3220	3320 / 2990	3390	3640	4140 / 4200	3200	3200 / 3300	820	3300	4300	4800

MW-108	10/7/2004	4/23/2009	6/2/2010	4/29/2011	4/24/2012	4/29/2013	5/9/2014	4/21/2015	4/13/2016	4/12/2017	4/9/2018	4/12/2019	4/14/2020	4/13/2021
1,1,1-Trichloroethane	3.0	8.8	6.7	5.3 / 6	6.1	5.0 / 5.3	4.8	4.4	ND(10)/ND(10)	3.0 / 3.5	2.4 J / 2.4 J	2.3	2	1.9
1,1-Dichloroethane	50.7	213	244	200 / 234	329	299 / 309	315	359	310 / 280	260 / 270	270 / 270	330	280	310
1,2-Dichloroethane	59.4	68.9	67.7	59 / 62	68.5	67.1 / 67.6	75.1	70	61 / 60	59 / 51	49 / 49	44	46	43
Acetone	5.4 J	3.8 J	4.1 J	ND(10)/ND(10)	ND(5.0)	ND(5.0)/ND(5.0)	ND(5.0)	ND(5.0)	ND(100)/ND(100)	ND(10)/ND(10)	ND(25)/ND(10)	ND(13)	ND(10)	ND(10)
Benzene	10.7	77.2	86.9	91.7 / 98.6	120	126 / 126	136	137	130 / 120	110 / 110	110 / 110	140	110	120
Chlorobenzene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	0.27 J	ND(10)/ND(10)	ND(1.0)/ND(1.0)	ND(2.5)/ND(1.0)	0.29 J	0.24 J	0.30 J
Chloroethane	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(10)/ND(10)	ND(1.0)/ND(1.0)	ND(2.5)/ND(1.0)	ND(1.3)	ND(1.0)	ND(1.0)
cis-1,2-Dichloroethene	52.8	128	155	144 / 156	199	201 / 208	210	237	250 / 220	180 / 190	200 / 200	240	210	200
Ethylbenzene	ND(1.0)	0.54 J	0.61 J	0.58 J / 0.63 J	0.81 J	0.50 J / 0.45 J	0.41 J	0.43 J	ND(10)/ND(10)	0.30 J / 0.28 J	ND(2.5)/ND(1.0)	0.37 J	0.27 J	0.40 J
Toluene	ND(1.0)	0.59 J	0.69 J	0.73 J / 0.83 J	1.1	1.0 / 0.97 J	1.1	0.95 J	ND(10)/ND(10)	0.74 J / 0.72 J	0.66 J / 0.59 J	0.81 J	0.71 J	0.92 J
trans-1,2-Dichloroethene	2.0	4.2	5.0	3.9 / 4.5	5.8	5.9 / 6.0	5.4	6.5	6.0 J / 5.6 J	5.9 / 6.0	4.7 / 4.8	6.3 J	5.7	6.3
Trichloroethene	10.8	30.1	30.8	25.7 / 28.8	31	27.8 / 27.8	27.8	32.1	28 / 27	29 / 31	22 / 20	23	23	18
Vinyl chloride	5.5	53.2	76.8	61.2 / 69.5	119	115 / 117	130	114	110 / 95	82 / 86	85 / 100	98	86	99
Xylenes [total]	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	0.32 J	0.39 J / 0.25 J	0.36 J	0.36 J	ND(20)/ND(20)	ND(2.0)/ND(2.0)	ND(5.0)/ND(2.0)	0.64 J	0.22 J	0.64 J

MW-109	10/4/2004	4/20/2009	5/6/2014	4/11/2019	4/14/2020	4/21/2021
1,1,1-Trichloroethane	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)
1,1-Dichloroethane	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)
1,2-Dichloroethane	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)
Acetone	ND(10)	ND(5.0)	ND(5.0)	ND(10)	ND(10)/ND(10)	ND(10)
Benzene	ND(1.0)	ND(1.0)	ND(0.5)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)
Chlorobenzene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)
Chloroethane	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)
cis-1,2-Dichloroethene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)
Ethylbenzene	ND(1.0)	ND(1.0)	ND(0.5)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)
Toluene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)
trans-1,2-Dichloroethene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)
Trichloroethene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)
Vinyl chloride	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)
Xylenes [total]	ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)	ND(2.0)/ND(2.0)	ND(2.0)

MW-111	10/7/2004	4/23/2009	6/2/2010	4/29/2011	4/24/2012	4/30/2013	5/9/2014	4/20/2015	4/12/2016	4/12/2017	4/9/2018	4/12/2019	4/14/2020	4/13/2021
1,1,1-Trichloroethane	5.6	2.3	2	1.1	1.6	ND(1.0)	1.4	ND(1.0)/ND(1.0)	ND(2.0)	0.67 J	1.1 J	0.8 J	0.81 J	0.87 J
1,1-Dichloroethane	47.1	31.4	33.7	21.1	32.2	32.9	29.2	34.5 / 34.6	17	19	28	28	26	32
1,2-Dichloroethane	144	69.1	75.1	44.5	73.7	96.4	112	131 / 133	57	73	120	88	91	110
Acetone	ND(10)	ND(5.0)	ND(5.0)	ND(10)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)/ND(5.0)	ND(20)	ND(25)	ND(25)	ND(10)	ND(10)	ND(10)
Benzene	0.34 J	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.5)/ND(0.5)	ND(2.0)	ND(2.5)	ND(2.5)	0.18 J	0.18 J	0.20 J
Chlorobenzene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(2.0)	ND(2.5)	ND(2.5)	ND(1.0)	ND(1.0)	ND(1.0)
Chloroethane	1.6	1.4	1.4	0.88 J	1.2	1.7	1.7	1.6 / 1.5	0.7 J	ND(2.5)	ND(2.5)	1.3	1.5	1.1
cis-1,2-Dichloroethene	8.2	6.3	7.5	4.9	6.3	7.1	6.1	7.2 / 7.3	4	4.4	6.4	6.2	6.1	7.4
Ethylbenzene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(0.5)	ND(1.0)/ND(1.0)	ND(2.0)	ND(2.5)	ND(2.5)	ND(1.0)	0.24 J	ND(1.0)
Toluene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(2.0)	ND(2.5)	ND(2.5)	ND(1.0)	0.60 J	ND(1.0)
trans-1,2-Dichloroethene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(2.0)	ND(2.5)	ND(2.5)	0.2 J	ND(1.0)	0.24 J
Trichloroethene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(2.0)	ND(2.5)	ND(2.5)	ND(1.0)	0.11 J	0.15 J
Vinyl chloride	8.6	5.2	7	3.3	6.2	6.5	6	8.4 / 8.9	3.2	4.9	7.6	8.9	7.3	11
Xylenes [total]	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.2 J / 0.19 J	ND(4.0)	ND(5.0)	ND(5.0)	ND (2.0)	0.70 J	ND (2.0)

MW-113	10/7/2004	4/20/2009	6/2/2010	4/29/2011	4/24/2012	4/29/2013	5/9/2014	4/21/2015	4/13/2016	4/13/2017	4/10/2018	4/9/2019	4/14/2020	4/12/2021
1,1,1-Trichloroethane	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
1,1-Dichloroethane	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
1,2-Dichloroethane	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.28 J	0.21 J
Acetone	ND(10)	ND(5.0)	3.6 J	ND(10.0)	5.9	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(10)	ND(10)	6.5 J	ND(10)	ND(10)
Benzene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Chlorobenzene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Chloroethane	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
cis-1,2-Dichloroethene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Ethylbenzene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.14 J	ND(1.0)
Toluene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.38 J	ND(1.0)
trans-1,2-Dichloroethene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Trichloroethene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Vinyl chloride	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Xylenes [total]	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	0.5 J	ND(2.0)

MW-114	10/5/2004	4/21/2009	6/2/2010	4/29/2011	4/24/2012	4/30/2013	5/7/2014	4/21/2015	4/13/2016	4/13/2017	4/10/2018	4/10/2019	4/14/2020	4/13/2021
1,1,1-Trichloroethane	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
1,1-Dichloroethane	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
1,2-Dichloroethane	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Acetone	ND(10)	ND(5.0)	ND(5.0)	ND(10)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	1.9 J	2.7 J	ND(10)	ND(10)	ND(10)	ND(10)
Benzene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Chlorobenzene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Chloroethane	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
cis-1,2-Dichloroethene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Ethylbenzene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Toluene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.31 J	ND(1.0)
trans-1,2-Dichloroethene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Trichloroethene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Vinyl chloride	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Xylenes [total]	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	0.25 J	ND(2.0)

MW-115	10/5/2004	4/21/2009	6/2/2010	4/29/2011	4/24/2012	4/29/2013	5/7/2014	4/21/2015	4/13/2016	4/13/2017	4/10/2018	4/10/2019	4/14/2020	4/13/2021
1,1,1-Trichloroethane	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)
1,1-Dichloroethane	1.3	2.5/1.8	1.9	1.7	2	2.1	1.1	1.1	0.74 J	0.64 J	0.43 J / 0.40 J	1.4	1.3	1.3 / 1.3
1,2-Dichloroethane	ND(1.0)	ND(1.0)/ND(1.0)	0.44 J	0.46 J	ND(1.0)	0.6 J	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	0.37 J	0.4 J	0.34 J / 0.30 J
Acetone	ND(10)	ND(5.0)/ND(5.0)	ND(5.0)	ND(10)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(10)	ND(10)/ND(10)	ND(10)	ND(10)	ND(10)/ND(10)
Benzene	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)
Chlorobenzene	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)
Chloroethane	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)
cis-1,2-Dichloroethene	3.6	8.7/5.6	7.2	7	7.4	10.1	2.5	3.2	1.7	1.6	0.72 J / 0.74 J	5.7	4.9	4.3 / 4.3
Ethylbenzene	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)
Toluene	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	0.27 J	ND(1.0)/ND(1.0)
trans-1,2-Dichloroethene	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.31 J	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)
Trichloroethene	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0) / 0.10 J
Vinyl chloride	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)
Xylenes [total]	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)	ND(2.0)	ND(2.0)/ND(2.0)	ND(2.0)	0.19 J	ND(2.0)/ND(2.0)

UPPER INTERMEDIATE UNIT WELLS

MW-207	10/7/2004	4/24/2009	6/2/2010	4/29/2011	4/24/2012	4/30/2013	5/9/2014	4/21/2015	4/12/2016	4/12/2017	4/9/2018	4/12/2019	4/14/2020	4/13/2021
1,1,1-Trichloroethane	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
1,1-Dichloroethane	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
1,2-Dichloroethane	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Acetone	ND(10)/ND(10)	ND(5.0)	ND(5.0)/ND(5.0)	ND(10)/ND(10)	ND(5.0)	ND(5.0)/ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)
Benzene	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(0.5)	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Chlorobenzene	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Chloroethane	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
cis-1,2-Dichloroethene	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Ethylbenzene	0.56 J/0.57 J	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Toluene	6.7/6.2	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.2 J	ND(1.0)
trans-1,2-Dichloroethene	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Trichloroethene	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Vinyl chloride	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Xylenes [total]	1.6/1.5	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	0.18 J	ND(2.0)

MW-209	10/4/2004	4/20/2009	6/2/2010	4/29/2011	4/24/2012	4/30/2013	5/6/2014	4/21/2015	4/13/2016	4/13/2017	4/10/2018	4/11/2019	4/14/2020	4/13/2021
1,1,1-Trichloroethane	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
1,1-Dichloroethane	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
1,2-Dichloroethane	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Acetone	3.2 J	14.4	9.6/9.1	ND(10)	ND(5.0)/ND(5.0)	12.8	9.3/10	5.1	5.1 J	5.6 J	4.4 J	ND(10)	6.9 J	ND(10)
Benzene	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(0.5)/ND(0.5)	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Chlorobenzene	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Chloroethane	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
cis-1,2-Dichloroethene	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Ethylbenzene	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(0.5)/ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.17 J
Toluene	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	0.39 J	ND(1.0)	ND(1.0)	0.31 J	ND(1.0)	0.19 J	0.43 J
trans-1,2-Dichloroethene	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Trichloroethene	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Vinyl chloride	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Xylenes [total]	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(2.0)	ND(2.0)	0.26 J	ND(2.0)	0.18 J	0.62 J

MW-220	10/5/2004	4/21/2009	6/2/2010	4/29/2011	4/24/2012	4/30/2013	5/6/2014	4/21/2015	4/13/2016	4/13/2017	4/10/2018	4/11/2019	4/14/2020	4/13/2021
1,1,1-Trichloroethane	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
1,1-Dichloroethane	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
1,2-Dichloroethane	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Acetone	ND(10)	ND(5.0)	13.8	ND(10)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	4.1 J	ND (10)	ND (10)	ND (10)	ND (10)
Benzene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Chlorobenzene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Chloroethane	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
cis-1,2-Dichloroethene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Ethylbenzene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Toluene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.24 J
trans-1,2-Dichloroethene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Trichloroethene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Vinyl chloride	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Xylenes [total]	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	0.62 J

MW-224	10/7/2004	4/24/2009	6/2/2010	4/29/2011	4/24/2012	4/30/2013	5/9/2014	4/21/2015	4/12/2016	4/12/2017	4/9/2018	4/9/2019	4/14/2020	4/13/2021
1,1,1-Trichloroethane	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)
1,1-Dichloroethane	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)
1,2-Dichloroethane	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)
Acetone	ND(10)	ND(5.0)	ND(5.0)	ND(10)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)/ND(10)	ND(10)	ND(10)	ND (10)	ND (10)	ND(10)/ND(10)
Benzene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.5)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)
Chlorobenzene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)
Chloroethane	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)
cis-1,2-Dichloroethene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)
Ethylbenzene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(0.5)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)
Toluene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)
trans-1,2-Dichloroethene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)
Trichloroethene	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)
Vinyl chloride	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)/ND(1.0)
Xylenes [total]	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)/ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)/ND(2.0)

APPENDIX F.

TIME-SERIES PLOTS OF VOC RESULTS, S&E SURFACE WATER

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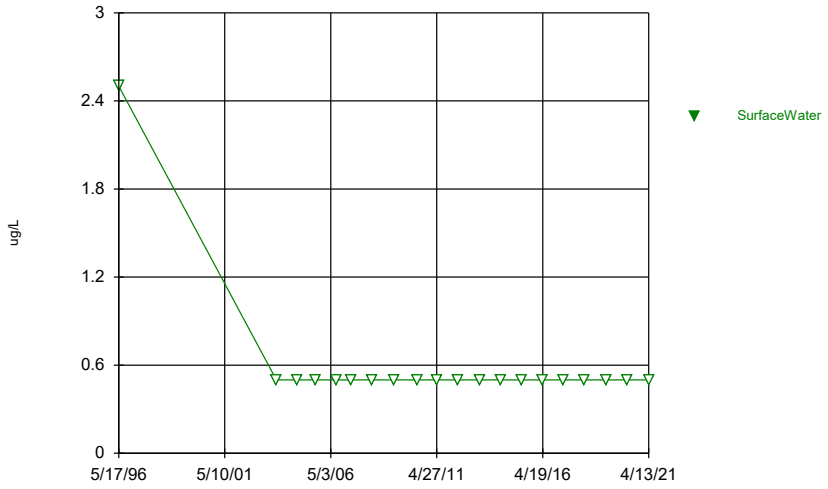
Hollow symbols indicate censored values.

Time Series



Constituent: 1,1,1-Trichloroethane Analysis Run 9/7/2021 1:46 PM View: Surface Water TS
Summit National Site Client: Summit National Site Data: Summit.National.Database

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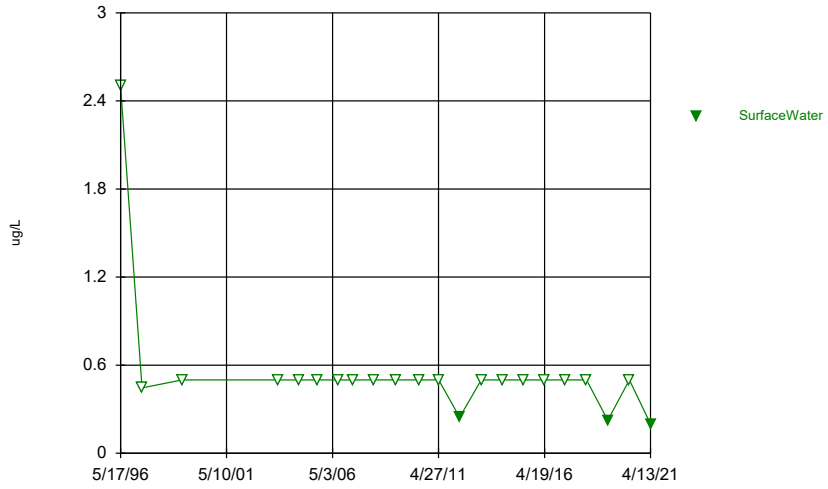
Hollow symbols indicate censored values.

Time Series



Constituent: 1,1-Dichloroethane Analysis Run 9/7/2021 1:47 PM View: Surface Water TS
Summit National Site Client: Summit National Site Data: Summit.National.Database

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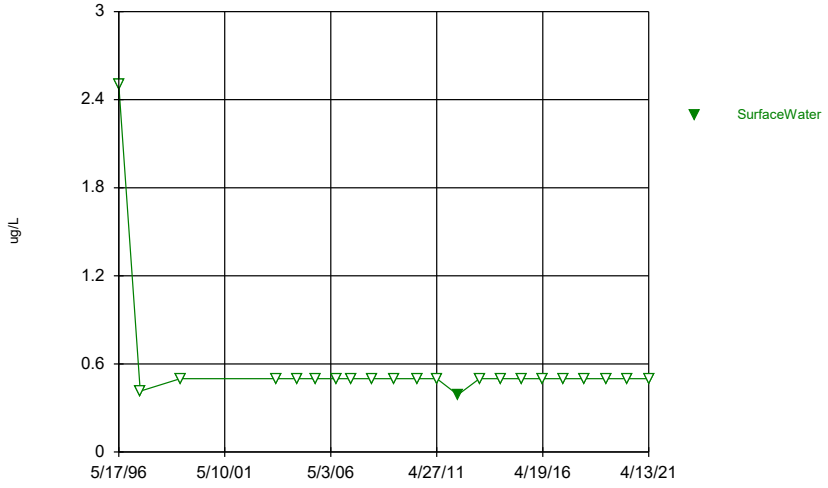
Hollow symbols indicate censored values.

Time Series



Constituent: 1,2-Dichloroethane Analysis Run 9/7/2021 1:47 PM View: Surface Water TS
Summit National Site Client: Summit National Site Data: Summit.National.Database

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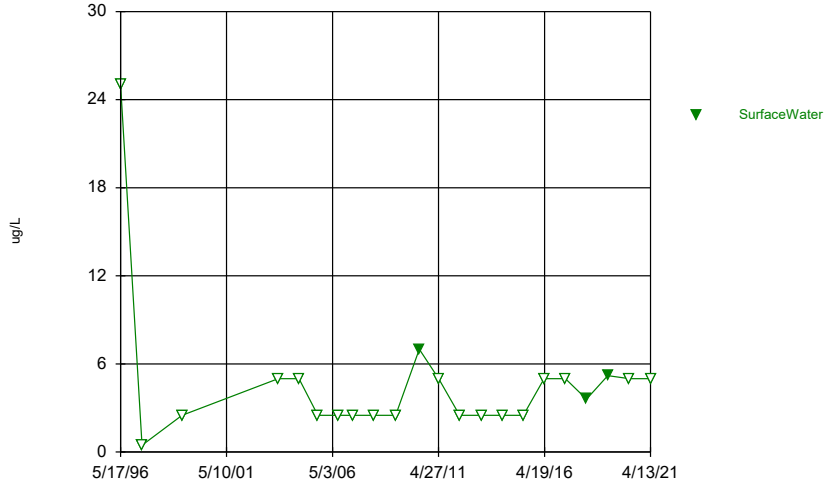
Hollow symbols indicate censored values.

Time Series



Constituent: Acetone Analysis Run 9/7/2021 1:47 PM View: Surface Water TS
Summit National Site Client: Summit National Site Data: Summit.National.Database

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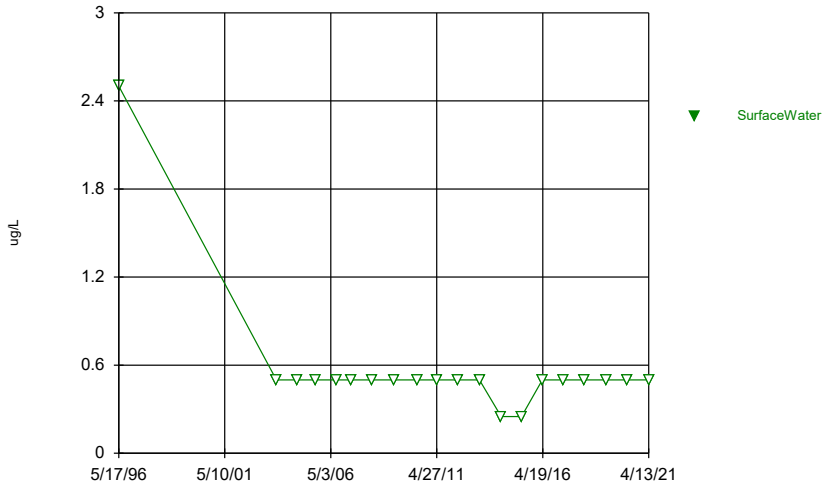
Hollow symbols indicate censored values.

Time Series



Constituent: Benzene Analysis Run 9/7/2021 1:47 PM View: Surface Water TS
Summit National Site Client: Summit National Site Data: Summit.National.Database

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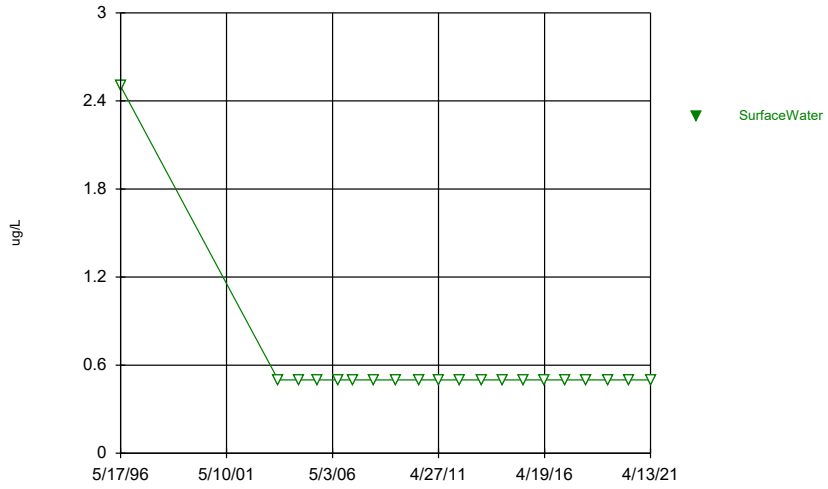
Hollow symbols indicate censored values.

Time Series



Constituent: Chlorobenzene Analysis Run 9/7/2021 1:47 PM View: Surface Water TS
Summit National Site Client: Summit National Site Data: Summit.National.Database

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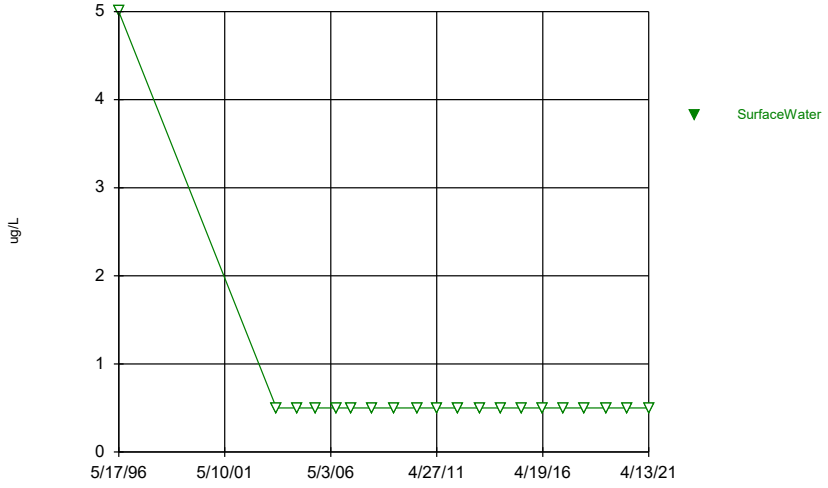
Hollow symbols indicate censored values.

Time Series



Constituent: Chloroethane Analysis Run 9/7/2021 1:47 PM View: Surface Water TS
Summit National Site Client: Summit National Site Data: Summit.National.Database

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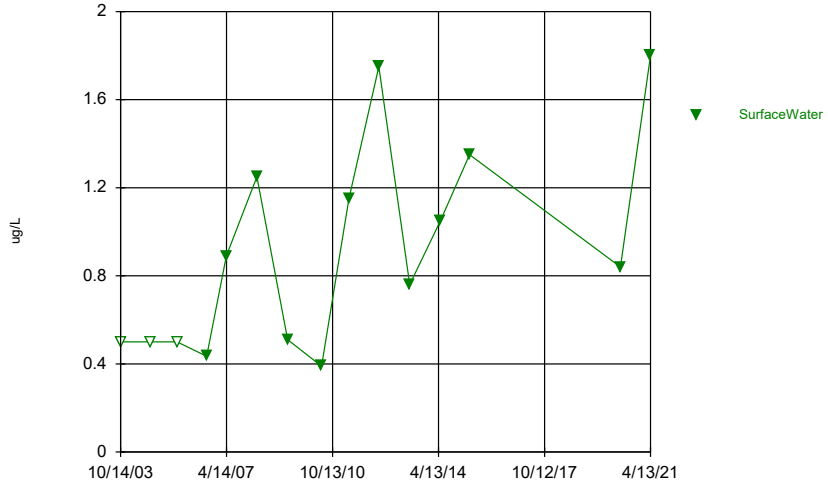
Time Series



Constituent: cis-1,2-Dichloroethene Analysis Run 9/7/2021 1:47 PM View: Surface Water TS
Summit National Site Client: Summit National Site Data: Summit.National.Database

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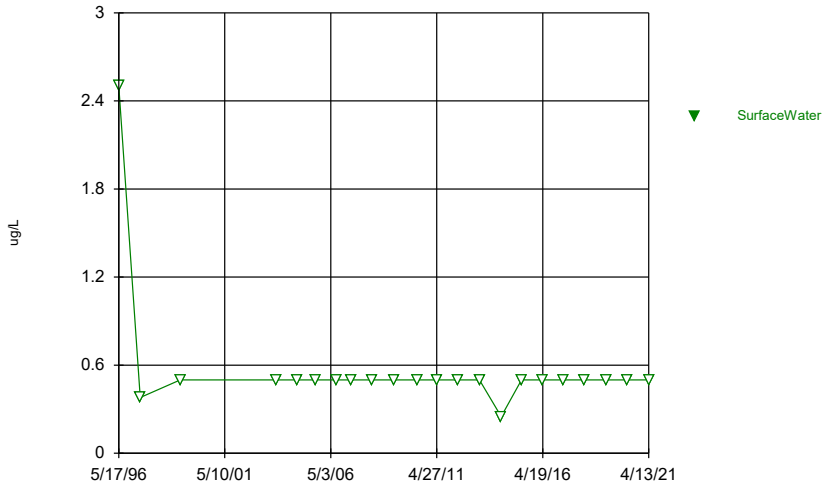
Hollow symbols indicate censored values.

Time Series



Constituent: Ethylbenzene Analysis Run 9/7/2021 1:47 PM View: Surface Water TS
Summit National Site Client: Summit National Site Data: Summit.National.Database

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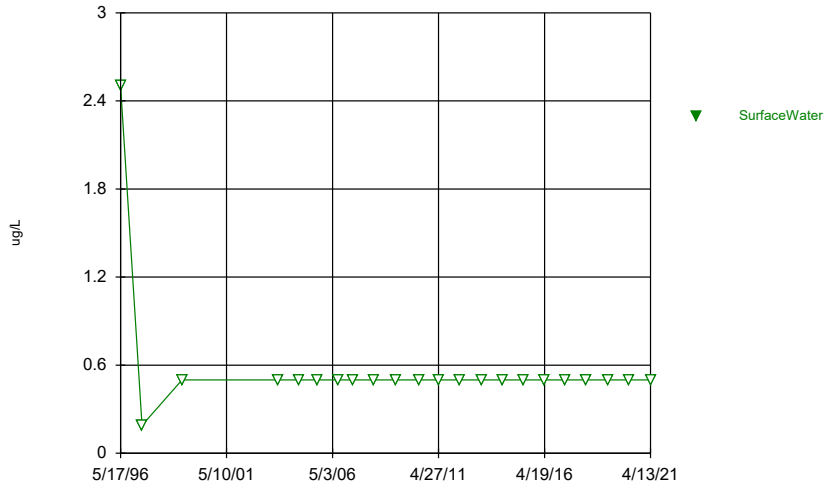
Hollow symbols indicate censored values.

Time Series



Constituent: Toluene Analysis Run 9/7/2021 1:47 PM View: Surface Water TS
Summit National Site Client: Summit National Site Data: Summit.National.Database

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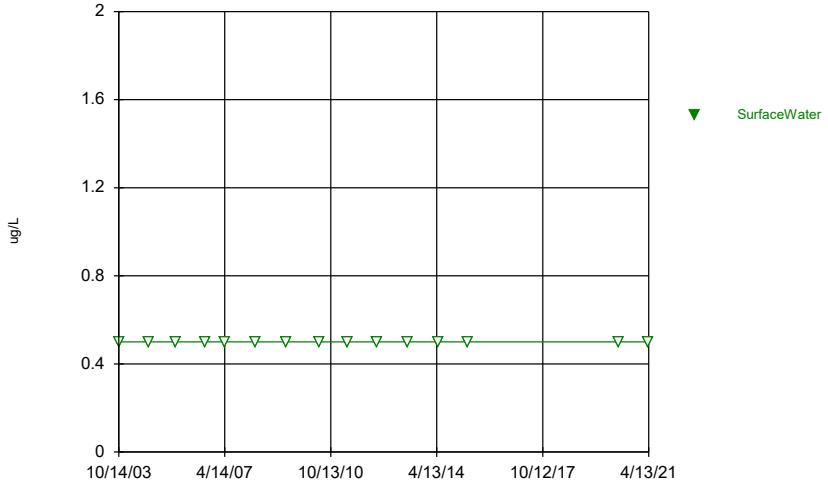
Hollow symbols indicate censored values.

Time Series



Constituent: trans-1,2-Dichloroethene Analysis Run 9/7/2021 1:47 PM View: Surface Water TS
Summit National Site Client: Summit National Site Data: Summit.National.Database

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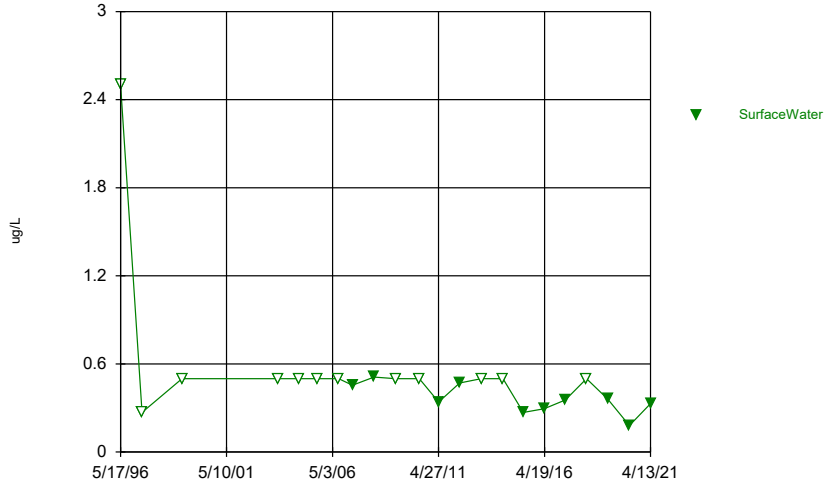
Hollow symbols indicate censored values.

Time Series



Constituent: Trichloroethene Analysis Run 9/7/2021 1:47 PM View: Surface Water TS
Summit National Site Client: Summit National Site Data: Summit.National.Database

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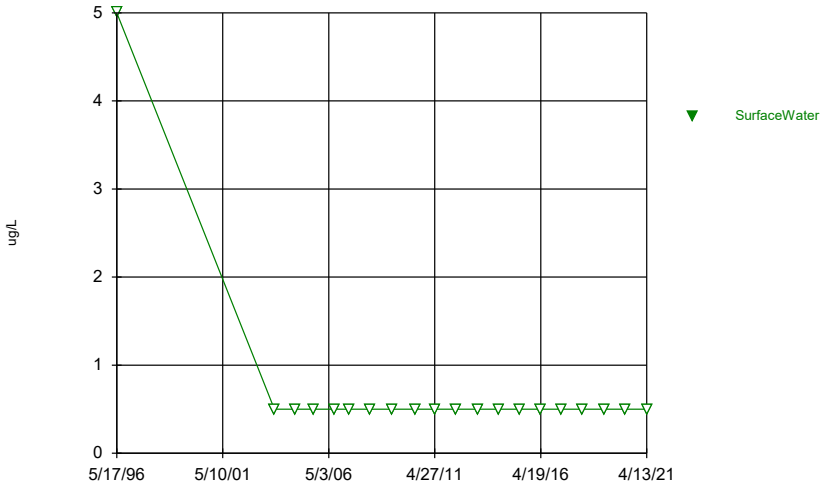
Hollow symbols indicate censored values.

Time Series



Constituent: Vinyl chloride Analysis Run 9/7/2021 1:47 PM View: Surface Water TS
Summit National Site Client: Summit National Site Data: Summit.National.Database

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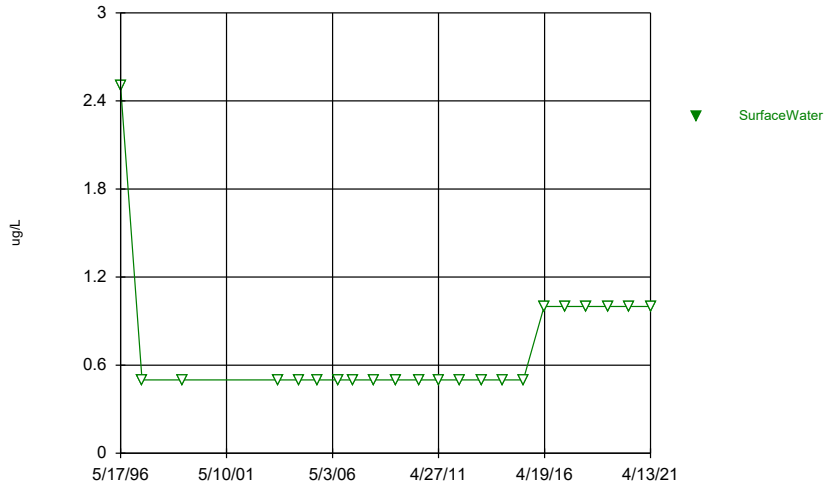
Hollow symbols indicate censored values.

Time Series



Constituent: Xylenes [total] Analysis Run 9/7/2021 1:47 PM View: Surface Water TS
Summit National Site Client: Summit National Site Data: Summit.National.Database