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THE CITY OF ROCKFORD ILLINOIS, USA

Kyle Saunders
Director
Department of Public Works

March 17, 2022

Ms. Jennifer Knoepfle
Remedial Project Manager
U.S. Environmental Protection Agency
77 West Jackson Boulevard, SR-6J
Chicago, IL 60604

Mr. Brian Conrath
Illinois Environmental Protection Agency
1021 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276

RE: Southeast Rockford Groundwater Contamination Site
Consolidated 2021 Groundwater Monitoring Report

Ms. Knoepfle / Mr. Conrath:

Please find enclosed the consolidated groundwater monitoring report prepared by Nationwide Environmental Services, Inc. (NES) on behalf of the City of Rockford for the Southeast Rockford Groundwater Contamination Site (the Site). The report contains analytical results for samples collected from the site groundwater monitoring network and interpretation of resulting analytical data for the groundwater monitoring events conducted in June 2021 and November 2021.

Please note that the report has been revised to address the comments raised by USEPA in July 2021 regarding the groundwater monitoring report submitted for the November 2020 sample event. An updated response to the USEPA comments on the November 2020 groundwater monitoring event report is provided as an Appendix to the enclosed report submittal, per the USEPA e-mail correspondence of November 30, 2021.

Please advise me if you have any questions regarding the information provided or require any additional information.

Respectfully,

Jamie Rott

Jamie Rott
Water Superintendent

W/Enclosures

cc: Tom Turner, Attorney, EPA ORC
Ifeanyi C. Mogbana, City Attorney, City of Rockford
Kyle Saunders, Director of Public Works, City of Rockford
Teri Murray, Assistant Superintendent Water Production, City of Rockford
Josh Baylor, Water Quality Supervisor, City of Rockford
Nadine Miller, Water Quality Supervisor, City of Rockford

425 East State Street Rockford, Illinois 61104-1068 USA
Phone: (815) 987-5570; Fax: (815) 967-6942 www.rockfordil.gov

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Southeast Rockford
Groundwater Contamination Site

Consolidated Groundwater Monitoring Report for
Semi-Annual Monitoring Events
June 2021 and November 2021

March 2022

Prepared by:

Nationwide Environmental Services, Inc.
10200 W. 44th Avenue, Suite 308
Lakewood, Colorado 80033

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Southeast Rockford Groundwater Contamination Site
Groundwater Monitoring Report

1.0 Overview

The Southeast Rockford Groundwater Contamination Site (Site) is located in the City of Rockford, Illinois (City), and principally consists of an area located in the southeast quadrant of the city in which groundwater has been determined to be affected by past activities, primarily conducted at four source areas. The Site boundary consists of the groundwater contamination plume generally bounded by South Mulford Road on the east, Sandy Hollow Road to the south, the Rock River to the west and Broadway Street on the north. The location of the Site is shown in **Figure 1**.

The Illinois Environmental Protection Agency (IEPA) in conjunction with the United States Environmental Protection Agency (USEPA) conducted a Remedial Investigation for affected groundwater at the Site in the mid-1980s to characterize the nature and extent of groundwater contamination at the Site, as well as, to obtain information on source areas that were responsible for groundwater contamination in and around residential water supply wells. The groundwater RI/FS involved soil sampling activities, installation of groundwater monitoring wells, sampling of existing domestic water supply wells and ISWS monitoring wells, and a soil gas survey at fourteen (14) suspected source areas. The results of the RI revealed the area of groundwater affected by VOC contaminants to comprise the current limits of the Site boundary and identified the four major source areas as presenting the greatest known potential for contribution of VOCs to groundwater at the Site.

The United States Environmental Protection Agency (USEPA) issued a Record of Decision (ROD) for the Second Operable Unit (OU2) at the Site the Site in 1995, based on the RI results, specifying the primary chemicals of concern (COC) and remedy to be implemented to address the affected groundwater plume at the Site. The primary COCs identified in the ROD, and monitored constituents subsequently added to the Site groundwater monitoring regimen are listed below.

Site Chemicals of Concern

Methylene chloride	Chloroform
1,1-Dichloroethene	1,2-Dichloroethane
1,1-Dichloroethane	1,1,1-Trichloroethane
cis-1,2-Dichloroethene	Trichloroethene
trans-1,2-Dichloroethene	Tetrachloroethene
Monitored Constituents[1]	
Vinyl chloride	1,4-dioxane

[1] *Vinyl chloride and 1,4-dioxane added as monitored COC constituents to the Site groundwater monitoring regimen per USEPA*

The groundwater response action to be implemented at the Site under the ROD OU2 was further codified in the Consent Decree (CD) Scope of Work (SOW). The construction phase of the Site

remedy was completed in 1999 in accordance with the ROD OU2 and the CD SOW, and activities performed during remedy construction documented in the Remedial Action Report submitted to USEPA and approved in 1999.

The CD SOW provides for implementation of a long-term groundwater monitoring program under the Operation and Maintenance (O&M) phase of the remedy selected for the Site in the ROD OU2. The groundwater monitoring program scope involves the following elements:

- Measurement of groundwater elevations at each monitoring well location.
- Collection of groundwater samples from each monitoring well location.
- Laboratory analysis of collected groundwater samples.
- Submittal of summary report presenting field and analytical data generated for each monitoring event.
- Performance of operation and maintenance activity for the groundwater monitoring network.

The groundwater monitoring data generated from implementation of the Site groundwater monitoring program will be utilized by USEPA and IEPA to (1) assess the need for future City water main extensions and water service connections, (2) predicting the movement of groundwater contamination and any potential impact on the municipal water supply, and (3) evaluate the impact of groundwater contamination, if any, on the Rock River.

1.1 Groundwater Monitoring Reporting Revisions

The field data and analytical data generated from each groundwater monitoring event are presented in a summary report submitted to USEPA and IEPA, which includes graphic depictions, and a narrative assessment of the monitoring event results relative to Site remedial objectives. The most recent groundwater monitoring report for the Site was submitted in February 2021 for the groundwater monitoring event completed in November 2020.

The USEPA issued comments to the City on July 12, 2021, in regard to the semi-annual groundwater monitoring report submitted in February 2021 for the November 2020 groundwater monitoring event, requesting revisions to future groundwater monitoring reports which generally involve expanded graphic representation of groundwater monitoring data and provide further assessment of groundwater trend conditions at the Site.

The revision in groundwater monitoring event reporting requested by USEPA in the July 2021 notice was issued prior to completion of the semi-annual monitoring report for the June 2021 event, and thus no report was submitted to the agency for the June or November 2021 groundwater sample events, pending finalization of the groundwater monitoring reporting revisions requested by USEPA.

The expanded groundwater monitoring event reporting requested by USEPA was discussed in conference call meetings and e-mail communication between USEPA, IEPA, the City, and its contractor. Agreement on the revised groundwater monitoring report was finalized between the City and USEPA and documented in e-mail correspondence submitted by the City to USEPA, dated November 17, 2021. USEPA subsequently issued clarifications to the revised groundwater

monitoring report content in e-mail correspondence dated November 30, 2021.

The Site groundwater monitoring event report content revisions are summarized below and further addressed in the updated response to agency comments provided in Appendix C of this report.

- Replace the description of the Site Study Area with Site Boundary and provide map showing boundary area as identified in ROD OU2.
- Include graphic representation of Total Volatile Organic Compound (TVOC) plume extent over time vs 1995 plume extent in ROD OU2, as defined by TVOC concentrations of greater than 10 micrograms per liter (ug/l) or parts per billion (ppb).
- Include graphic representation of analyte concentrations and concentration contour lines for TVOCs and 1,4-dioxane.
- Include potentiometric figure showing groundwater elevations and groundwater flow direction across the Site.
- Perform statistical analysis of groundwater trends using Mann-Kendall methodology and include discussion of such analysis.

2.0 Groundwater Monitoring Event

The groundwater monitoring program to be implemented under the O&M phase of the Site remedy utilizes the groundwater monitoring network installed at the Site during the remedial construction phase of the remedy. The Site groundwater monitoring network consists of twenty-six (26) monitoring wells installed during the site investigation phase of the remedy and nine (9) new monitoring wells installed during performance of the Site remedial action construction. The Site groundwater monitoring network arrangement is presented in **Figure 1.**

The Site groundwater monitoring well network is presently sampled on a semi-annual basis. The constituents to be monitored for in samples collected from the groundwater monitoring network include volatile organic compounds (VOCs) included in the USEPA Contract Laboratory Program (CLP) Target Compound List (TCL), with particular emphasis on the VOC Contaminants of Concern (COC) identified in the ROD OU2, and 1,4-dioxane which was added as a monitored constituent to the Site groundwater monitoring regimen in 2017. The field sampling procedures utilized for the collection of samples at the Site and analytical procedures for VOCs and 1,4-dioxane constituents are performed in accordance with the Uniform Federal Policy - Quality Assurance Project Plan, Revision 2.0 (UFP-QAPP, 2.0).

The most recent semi-annual groundwater monitoring events were completed at the Site in June and November 2021 in accordance with the respective advance monitoring schedule notices provided to USEPA and IEPA. The consolidated results for the June and November 2021 groundwater monitoring events are provided in the following report, which present field data and sample analytical results, graphic depictions of groundwater monitoring data, and summary interpretation of the groundwater monitoring relative to Site remedial objectives, highlighting identifiable trends. The cumulative groundwater monitoring results obtained to date for the Site are included in the report.

It is noted that the City of Rockford, IL (City) does not obtain and utilize groundwater monitoring data or other data collected by others from Site source areas in preparing the semi-annual groundwater monitoring report. The City continues to coordinate efforts with IEPA to share groundwater data obtained from common monitoring well locations at the Site, however, the City is not aware of monitoring data resulting from the collection of samples from the Site groundwater monitoring network by others, during the semi-annual event reporting periods addressed in this groundwater monitoring report and thus no comparative IEPA monitoring data is provided in this report.

2.1 Deviations and Issues

The consolidated groundwater monitoring report for the current reporting period present the narrative description of sampling activities and analytical results for groundwater monitoring events conducted at the Site in June and November 2021. A description of sampling activity occurring during the sample events which represents a deviation from established Site field sampling or analytical procedures, or otherwise served as an issue in completing the sample event is summarized below.

Groundwater Monitoring Event – Deviations and Issues Summary

Item	Description	Resolution
Portable sample pump	Portable well sample was used in place of dedicated well pump for collection of groundwater samples for MW-203 during June 2021 monitoring event.	Refer to Field SOP for portable well pump use to incorporate changes in field sample practice for this sample event.

3.0 Groundwater Monitoring Results

The analytical results for groundwater samples collected during the current monitoring event include VOC analysis by method VOA 8260C, and 1,4-dioxane analysis by solid phase micro extraction (SPME) and gas chromatography/mass spectrometry (GC\MS) with selective ion monitoring (SIM). Analytical results for VOC samples collected during the June and November 2021 monitoring events are presented in **Table 1A and 1B**, respectively. Analytical results for 1,4-dioxane samples collected during the June and November 2021 monitoring events are presented in **Table 1C and 1D**, respectively.

The cumulative historical analytical results for VOCs in groundwater samples collected from the Site monitoring network (by monitoring well location) are presented in **Table 2A**. Cumulative reporting for 1,4-dioxane sample analytical results are provided in **Table 2B**.

Current (November 2021) TVOC concentration results are presented on **Figure 2.** The COC concentration data obtained during the June and November 2021 groundwater monitoring events is provided on **Figure 3A and 3B**, respectively, to show the relative distribution of COC groundwater contaminants across the Site. COC concentration results are only shown for wells with exceedances of one or more COC cleanup standard on these figures.

The groundwater elevation data obtained for each monitoring location within the groundwater monitoring network is presented in **Table 3A and 3B**, and the groundwater elevation data for the June and November 2021 monitoring events are plotted separately on **Figure 4A and 4B**, to provide visual representation of the groundwater potentiometric surface across the Site, and general determination of groundwater flow direction.

The concentration trends for TVOC at each monitoring well are presented in **Figure 5**, which provides a history of the TVOC concentrations detected and whether a TVOC is decreasing or increasing in concentration at a monitoring location.

The laboratory data sheets and data quality summaries including relevant analytical quality assurance/quality control (QA/QC) criteria for groundwater samples collected during the June and November 2021 groundwater monitoring events are provided in **Appendix A** of this report.

The field sampling record for activities performed for groundwater sample collection during the identified monitoring events are presented in **Appendix B** of this report and contain pertinent field information, groundwater elevation measurements and monitoring well purge stabilization data.

Analytical data generated upon laboratory analysis of groundwater samples collected at the Site is converted to an electronic data deliverable (EDD) in a tab-delimited text file format and the data submitted electronically to USEPA Region V.

4.0 Groundwater Monitoring Data Evaluation

An evaluation of the field data and sample analytical results obtained for the reporting period (June and November 2021) are presented in the following section of the report and address the groundwater conditions present within the general area of the Site, and specific to identified source areas. The Site evaluation relies on the field and analytical data generated from the groundwater monitoring regimen and graphic depiction of the Site data to augment data presentation and interpretation.

4.1 Groundwater Elevation

The groundwater elevation data obtained from the Site groundwater monitoring network during the June and November 2021 monitoring events was utilized in preparing potentiometric surface maps presented in **Figure 4A and 4B**, respectively.

The groundwater elevation at the Site is generally shown to be highest on the east side of the site at sample point MW-136 (elevation 796.07 feet above mean sea level [ft. amsl]) and gradually falls in elevation to the west side of the Site at sample point MW-206C (elevation 685.45 ft. amsl). The fall in groundwater surface elevation across the Site boundary from east to west is approximately 100 feet, which generally follows the change in land surface elevation across the area occupied by the Site.

Groundwater flow across the Site generally follows the groundwater surface gradient from west to east. Localized areas of depression in the groundwater surface elevation may occur near Site source areas, where groundwater extraction may be used in conducting source area remedial activities, but the occurrence or extent of such source remediation efforts are unknown.

It is noted that groundwater elevations measured across the Site during the current monitoring event are higher by some 5 to 10 feet from groundwater levels measured at the same monitoring well locations during the same calendar period five years ago (2016). The rise in groundwater elevation at the Site from prior periods is apparently consistent with general rise in regional groundwater elevations based on discussion with field personnel.

In addition, the groundwater surface elevation within the Site boundary may be impacted by water supply withdraw activity from residential, commercial, or municipal sources within or proximate to the Site boundary. Such groundwater extraction activity is not monitored as an element of the groundwater monitoring program performed for the Site.

4.2 COC Concentration Trends

Observations and trends in groundwater contaminant concentrations at the Site are presented in the following section of the report and addressed for the overall Site and those specific to identified Site source areas.

4.2.1 General Site

The areal extent of the Site groundwater contamination plume, as estimated in 1995 by others based on groundwater monitoring data available at the time, and the current estimated areal plume extent based on the most recent sample data (November 2021) is shown in **Figure 2**. The visual representation of the Site groundwater plume extents for both the 1995 and current

rendering was developed based on TVOC detections greater than 10 ug/l forming the plume edge.

The groundwater contamination plume map shows that the general area formed by the groundwater plume at the Site has not changed significantly from the initial extent identified in 1995 to the present. The groundwater plume appears to be migrating south and west from the eastern extent of the Site, following the groundwater flow gradient.

The VOC concentration data in groundwater resulting from the June and November 2021 monitoring events are provided in **Table 1A through 1D.** Well locations with COC detections exceeding the cleanup standard for one or more COC are presented on **Figure 3A and 3B**, for the June and November 2021 sampling events, respectively.

A concentration trend analysis using Mann-Kendall technique was performed for the Site groundwater monitoring locations to determine whether the concentrations of TVOCs are decreasing, increasing or remaining static over time at a particular location. TVOC concentrations in groundwater have generally decreased across the Site since inception of the long-term monitoring program in March 1999, as indicated by comparison of the analytical results at specific monitoring locations over time. The analytical results for 1,4-dioxane are not included in the concentration trend analysis because limited data exists for this compound in the Site record. The November 2021 monitoring event comprises only the fourth instance that 1,4-dioxane has been sampled for at the Site. Concentration trend results for 1,4-dioxane will be provided in future Site monitoring reports upon collection of sufficient data.

The results of the TVOC concentration trend analysis for each well is provided in **Figure 5** and reveal the following trends:

Mann-Kendall Trend Analysis for TVOC

Monitoring Well	TVOC Trend
MW-101A	Decreasing
MW-101B	Decreasing
MW-101C	Decreasing
MW-101D	Decreasing
MW-102A	Decreasing
MW-102B	Increasing
MW-102C	Probably Decreasing
MW-113A	Decreasing
MW-113B	Decreasing
MW-114A	Decreasing
MW-114B	Stable
MW-117B	Decreasing
MW-117C	Decreasing
MW-117D	Decreasing
MW-119	Increasing

Monitoring Well	TVOC Trend
MW-121	Increasing
MW-124	Decreasing
MW-130	Decreasing
MW-133A	No Trend
MW-133B	Decreasing
MW-133C	Decreasing
MW-136	No Trend
MW-16	Decreasing
MW-200	No Trend
MW-201	Decreasing
MW-202	Decreasing
MW-203	Decreasing
MW-204	Stable
MW-205A	Decreasing
MW-205B	Decreasing
MW-206A	Decreasing
MW-206B	No Trend
MW-206C	Increasing
MW-207	Decreasing
MW-47	Decreasing

Causal factors for VOC concentration variability are presumed to be source area remedial activities performed by others, variation in groundwater levels and flow paths, precipitation events resulting in aquifer recharge, groundwater pumping rates, etc. Specific information regarding past or ongoing remediation efforts addressing for Site source areas or groundwater use that would allow further interpretation of the groundwater data, other than the general observations presented in this report is not included in the groundwater monitoring reporting.

The ratios of parent VOC compound concentrations to associated breakdown product concentrations indicate conditions for biodegradation, comprising a component of natural attenuation, may be occurring at the Site. The reported detections of vinyl chloride and chloroethane in groundwater samples are further indicators that natural attenuation of parent compounds may be occurring at the Site.

4.2.2 Source Areas

The change in TVOC concentrations at Site monitoring wells located in or near identified Site source areas, relative to the previous monitoring event (June 2021 vs. November 2021), are summarized below. The Site source areas are segregated by general geographic location within the Site for the purpose of this report. The inclusion of 1,4-dioxane in the Site groundwater monitoring program has only occurred since 2020, and no interpretation of 1,4-dioxane concentration data over time is provided, other than to note the concentrations found in groundwater, relative to identified Site source areas.

Area 7

Generally, TVOC concentrations reported for groundwater monitoring locations near the Area 7 source area have decreased or remained relatively stable from the previous monitoring event, with the exception of MW-101A, MW-101C and MW-102C, for which recent increases in TVOC are attributed to 1,1-DCA and 1,1,1-TCA. Monitoring well locations at which COC constituents in groundwater were found to occur above MCLs during the current reporting period (November 2021 sample event) are summarized below.

Location	MW101A	MW101B	MW101C	MW133B	MW133B
Constituents	5	4	4	4	3

The analytical results for groundwater quality samples collected from well locations proximate to or downgradient from Area 7 which show material increases (>20%) in COC concentrations from the previous monitoring event reporting in November 2020 are summarized below.

Monitoring Well	Compound	Clean Up Standard (ug/l)	November 2021 Concentration (ug/l)	November 2020 Concentration (ug/l)
MW-101A	1,1,1-Trichloroethane (111TCA)	200	454	91.4
	1,1-Dichloroethene (11DCE)	7	63.8	8.4
	cis-1,2-Dichloroethene (c12DCE)	70	105	26.1
	Tetrachloroethene (PCE)	5	53.3	6.6
	trans-1,2-Dichloroethene (t12DCE)	100	10.6	1.8
	Trichloroethene (TCE)	5	74.1	11.4

Areas 4, 9, 10, & 11

TVOC concentrations reported for groundwater monitoring locations near Source Areas 4, 9, 10, & 11 located in the northern extent of the Site have generally decreased or remained relatively stable from the previous monitoring event. Monitoring well locations at which COC constituents in groundwater were found to occur above MCLs during the current reporting period (November 2021 sample event) are presented below.

Location	MW113A	MW113B	MW121	MW124	MW16
Constituents	2	3	2	1	3

The analytical results for groundwater quality samples collected from monitoring well locations proximate to or downgradient from Areas 4, 9, 10, & 11 which show material increases (>20%) in COC concentrations from the previous monitoring event reporting in November 2020 are summarized below.

Monitoring Location	Compound	Clean Up Standard (ug/l)	November 2021 Concentration (ug/l)	November 2020 Concentration (ug/l)
MW113A	1,1-Dichloroethane (11DCA)	-	91.8	75.1

MW 121	1,1-Dichloroethene (11DCE)	7	72.7	50.9

Rock River

TVOC concentrations reported for groundwater monitoring locations near the Rock River increased from the previous monitoring event. Monitoring well locations at which VOC constituents in groundwater were found to occur above MCLs during the current reporting period (November 2021 sample event) are presented below.

Location	MW117B	MW117C	MW117D	MW204	MW205A	MW205B
Constituents	2	1	2	3	2	2

Location	MW206A	MW206B	MW206C
Constituents	2	3	3

The analytical results for groundwater quality samples collected from well locations proximate to the Rock River which show material increases (>20%) in COC concentrations from the previous monitoring event reporting in November 2020 are summarized below.

Monitoring Location	Compound	Clean Up Standard (ug/l)	November 2021 Concentration (ug/l)	November 2020 Concentration (ug/l)
MW 117C	1,1,1-Trichloroethane (111TCA)	200	12.1	6.9
	1,1-Dichloroethane (11DCA)	-	4.4	2.1
	1,1-Dichloroethene (11DCE)	7	7.7	3.4
	1,2-Dichloroethane (12DCA)	5	4.5	2.2
MW 204	Tetrachloroethene (PCE)	5	6.4	2.7
MW 206A	1,1-Dichloroethane (11DCA)	-	11.5	9.4
	Tetrachloroethene (PCE)	5	8.6	7.0
MW 206B	1,1-Dichloroethane (11DCA)	-	30.5	23.4
MW 206C	1,1-Dichloroethene (11DCE)	7	15.4	11.5

1,4-dioxane

Sample collection and analysis for 1,4-dioxane was added to the Site groundwater monitoring program in the second quarter 2020, and the semi-annual monitoring event completed in June 2020 was the first sample event which included this compound, with the November 2021 monitoring event comprising the fourth sample and analysis event.

The analytical results obtained for 1,4-dioxane during the most June and November 2021 monitoring events are presented in **Table 1C and 1D**, respectively, and reveal that the compound was detected at nearly all monitoring locations in the Site groundwater monitoring network with approximately half of the monitoring locations showing concentrations above the Illinois Groundwater Quality Standard (7.7 ug/l). The highest concentrations of 1,4-dioxane were found to occur at MW-102B (170 ug/l) and MW-133C (150 ug/l). These monitoring locations are situated to the north and west of Source Area 7.

5.0 Groundwater Monitoring Network Maintenance

The current condition and historical maintenance activity performed at monitoring locations comprising the Site groundwater monitoring network are presented in the monitoring well inventory (**Table 4**). In instances in which repairs or maintenance performed for monitoring well locations result in changes to the wellhead elevation or other characteristic, revisions are made to the monitoring well inventory to record such change in the condition or configuration of the individual monitoring wells.

The operation and maintenance activity performed for the Site groundwater monitoring network during the current reporting period (January - December 2021) is summarized below:

The condition of the Site groundwater monitoring network was inspected during the scheduled groundwater monitoring events conducted in June and November 2021. No conditions requiring repair or maintenance work was identified for the monitoring network upon completing the inspection except for the well pump replacement identified below.

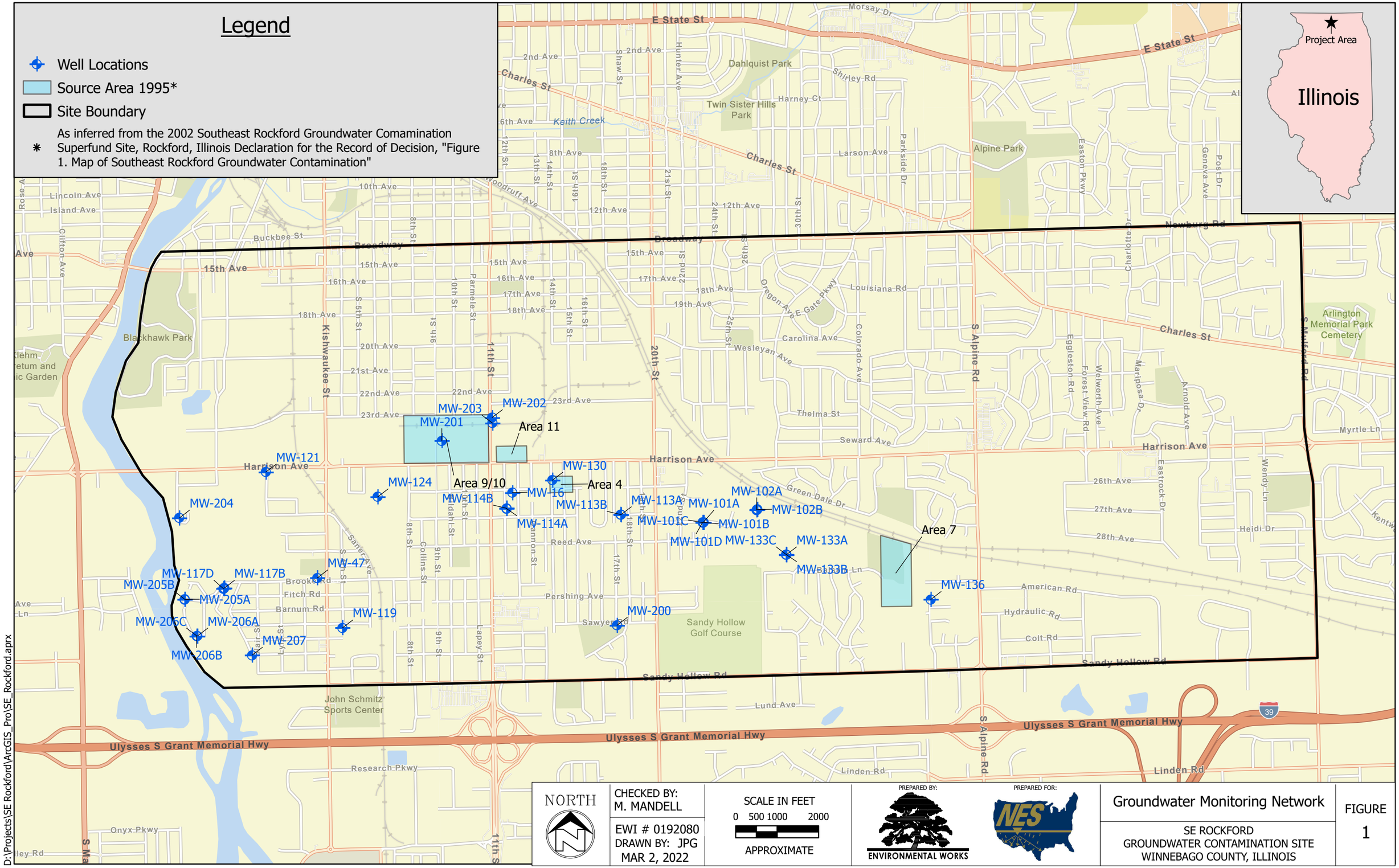
The dedicated sample pump and downhole sample tubing originally installed in monitoring location MW-203 was removed from the monitoring well by unknown parties. A portable sample pump was utilized to collect groundwater samples from the MW-203 monitoring location in place of the dedicated pump. A dedicated monitoring well pump was reinstalled in monitoring well MW-203 in November 2021.

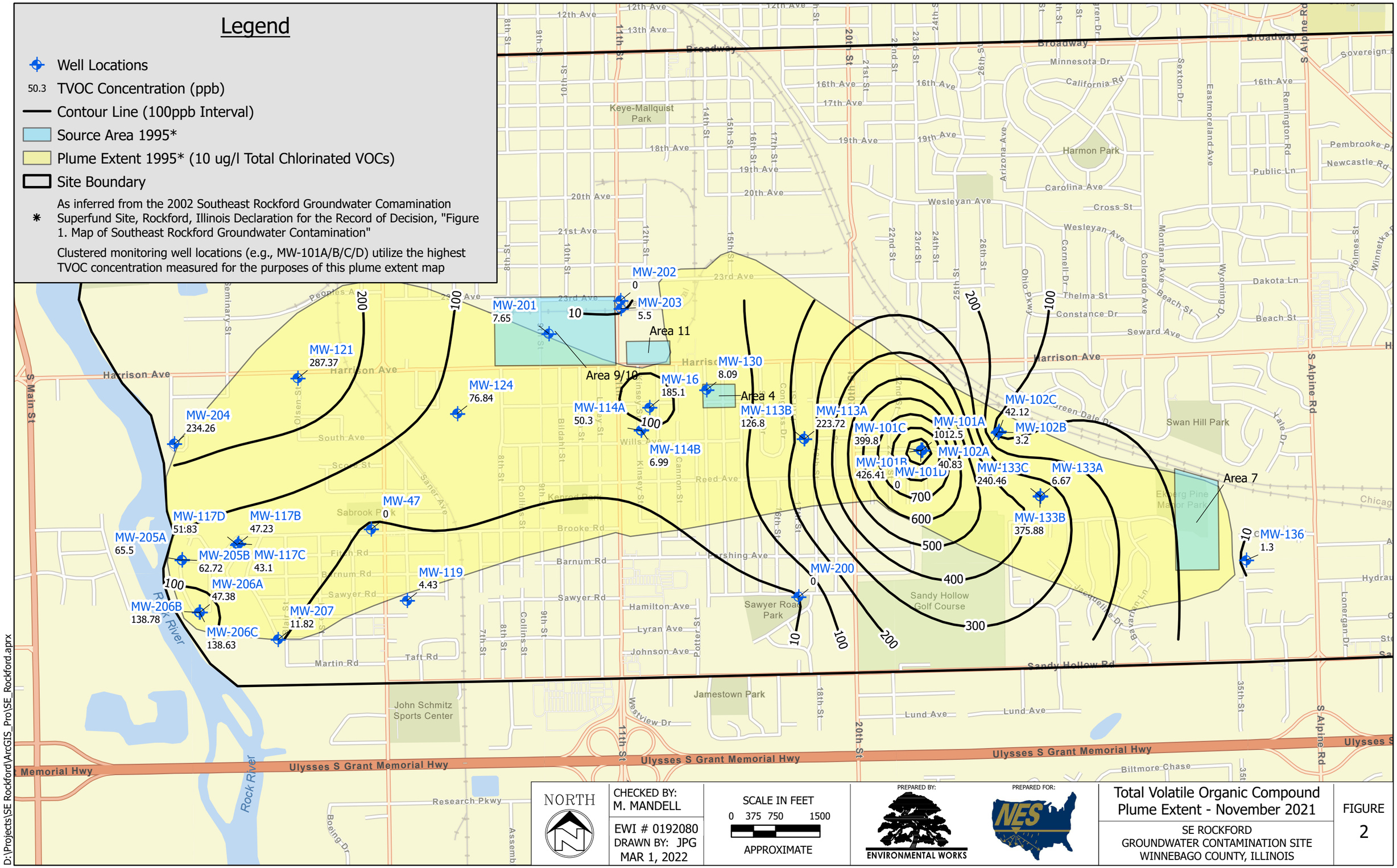
The specifications of the dedicated well pump replacement activity are as follows:

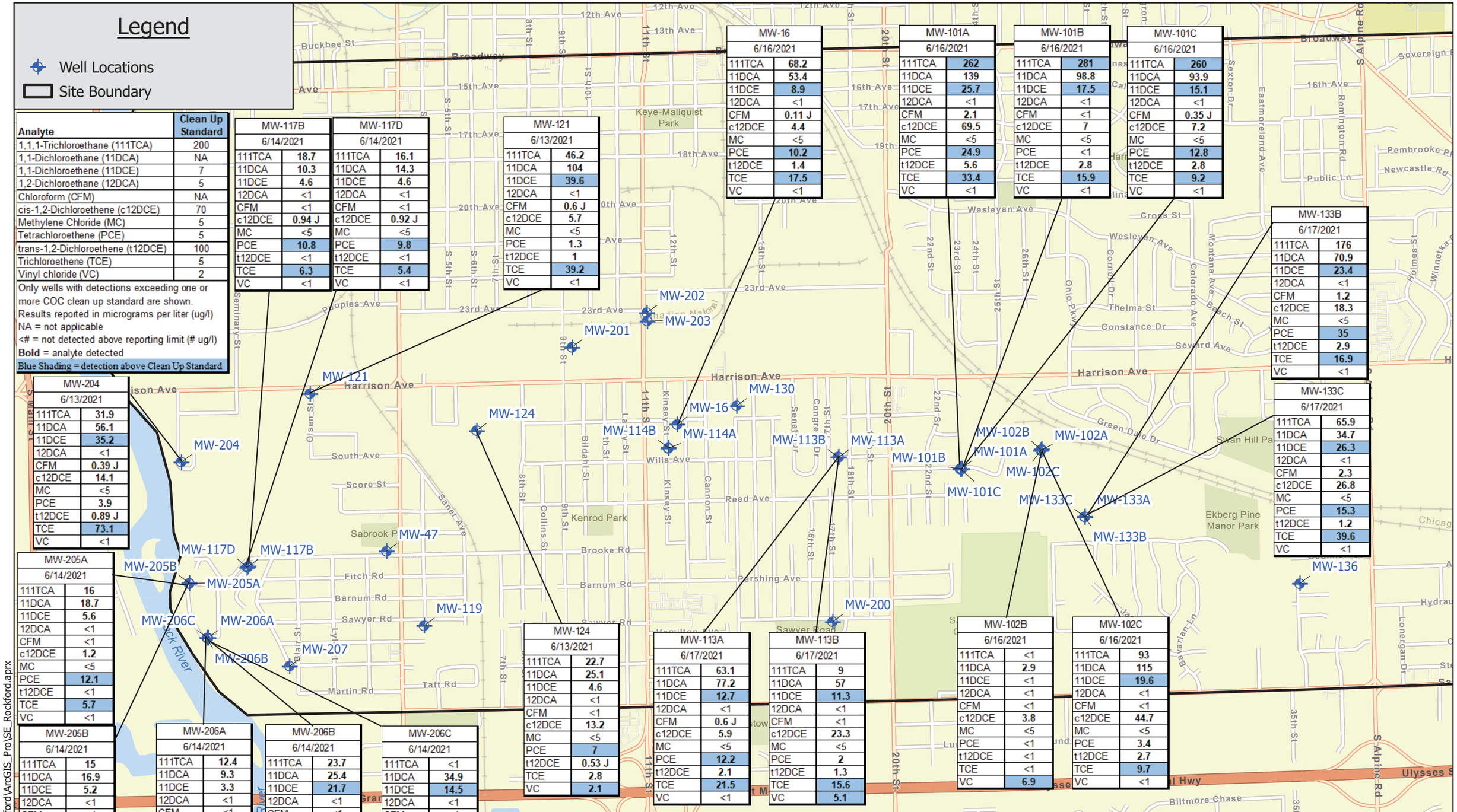
- Pump Specification: Well Wizard bladder pump, 1.5" outer diameter (OD), standard length, 316 electro-polished stainless steel, with 316 stainless steel inlet screen.
- Configured and installed replacement sample pump in the well at mid-point of well screen interval (45 feet from top of casing [TOC]) with downhole sample tubing and new well locking cover.
- Submittal of maintenance completion report to City.

No other maintenance or repair items were identified for the groundwater monitoring network during the reporting period January – December 2021.

FIGURES


Legend
Well Locations
Source Area 1995*
Site Boundary
* As inferred from the 2002 Southeast Rockford Groundwater Comamination Superfund Site, Rockford, Illinois Declaration for the Record of Decision, "Figure 1. Map of Southeast Rockford Groundwater Contamination"
Project Area
Illinois
MW-201
MW-202
MW-203
MW-121
MW-124
MW-204
MW-130
MW-16
MW-114B
MW-114A
MW-113B
MW-113A
MW-101A
MW-101B
MW-101C
MW-101D
MW-102A
MW-102B
MW-133A
MW-133B
MW-133C
MW-136
MW-200
MW-47
MW-117B
MW-117D
MW-205A
MW-205B
MW-205C
MW-206A
MW-206B
MW-207
MW-119
Area 11
Area 9/10
Area 4
Area 7
E State St
Charles St
Harrison Ave
Broadway
15th Ave
Kishwaukee St
Sandy Hollow Rd
Ulysses S Grant Memorial Hwy
Newburg Rd
S Alpine Rd
Blackhawk Park
Dahlquist Park
Twin Sister Hills Park
Alpine Park
Sandy Hollow Golf Course
John Schmitz Sports Center
Arlington Memorial Park Cemetery
Keith Creek
NORTH
CHECKED BY: M. MANDELL
EWI # 0192080
DRAWN BY: JPG
MAR 2, 2022
SCALE IN FEET
0 500 1000 2000
APPROXIMATE
PREPARED BY:
ENVIRONMENTAL WORKS
PREPARED FOR:
NES
Groundwater Monitoring Network
SE ROCKFORD
GROUNDWATER CONTAMINATION SITE
WINNEBAGO COUNTY, ILLINOIS
FIGURE
1
D:\Projects\SE Rockford\ArcGIS_Pro\SE_Rockford.aprx


Legend
Well Locations
50.3 TVOC Concentration (ppb)
Contour Line (100ppb Interval)
Source Area 1995*
Plume Extent 1995* (10 ug/l Total Chlorinated VOCs)
Site Boundary
* As inferred from the 2002 Southeast Rockford Groundwater Comamination Superfund Site, Rockford, Illinois Declaration for the Record of Decision, "Figure 1. Map of Southeast Rockford Groundwater Contamination"
Clustered monitoring well locations (e.g., MW-101A/B/C/D) utilize the highest TVOC concentration measured for the purposes of this plume extent map
MW-202 0
MW-201 7.65
MW-203 5.5
Area 11
Area 9/10
MW-121 287.37
MW-124 76.84
MW-204 234.26
MW-16 185.1
MW-130 8.09
Area 4
MW-114A 50.3
MW-114B 6.99
MW-113B 126.8
MW-113A 223.72
MW-101C 399.8
MW-101A 1012.5
MW-102C 42.12
MW-102B 3.2
MW-102A 40.83
MW-101B 426.41
MW-101D 0
MW-133C 240.46
MW-133A 6.67
MW-133B 375.88
Area 7
MW-136 1.3
MW-47 0
MW-117D 51.83
MW-117B 47.23
MW-205A 65.5
MW-205B 62.72
MW-117C 43.1
MW-206A 47.38
MW-206B 138.78
MW-206C 138.63
MW-207 11.82
MW-119 4.43
MW-200 0
10
100
200
300
400
500
600
700
Harrison Ave
Broadway
Sandy Hollow Rd
Ulysses S Grant Memorial Hwy
Rock River
Keye-Mallquist Park
Harmon Park
Swan Hill Park
Sandy Hollow Golf Course
Sawyer Road Park
Jamestown Park
John Schmitz Sports Center
Sabrook Park
Ekberg Pine Manor Park
S Main St
S Alpine Rd
NORTH
CHECKED BY: M. MANDELL
EWI # 0192080
DRAWN BY: JPG
MAR 1, 2022
SCALE IN FEET
0 375 750 1500
APPROXIMATE
PREPARED BY:
ENVIRONMENTAL WORKS
PREPARED FOR:
NES
Total Volatile Organic Compound Plume Extent - November 2021
SE ROCKFORD GROUNDWATER CONTAMINATION SITE WINNEBAGO COUNTY, ILLINOIS
FIGURE 2
D:\Projects\SE Rockford\ArcGIS_Pro\SE_Rockford.aprx



Analyte	Clean Up Standard
1,1,1-Trichloroethane (111TCA)	200
1,1-Dichloroethane (11DCA)	NA
1,1-Dichloroethene (11DCE)	7
1,2-Dichloroethane (12DCA)	5
Chloroform (CFM)	NA
cis-1,2-Dichloroethene (c12DCE)	70
Methylene Chloride (MC)	5
Tetrachloroethene (PCE)	5
trans-1,2-Dichloroethene (t12DCE)	100
Trichloroethene (TCE)	5
Vinyl chloride (VC)	2

Only wells with detections exceeding one or more COC clean up standard are shown.
Results reported in micrograms per liter (ug/l)
NA = not applicable
<# = not detected above reporting limit (# ug/l)
Bold = analyte detected
Blue Shading = detection above Clean Up Standard

MW-16	6/16/2021
111TCA	68.2
11DCA	53.4
11DCE	8.9
12DCA	<1
CFM	0.11 J
c12DCE	4.4
MC	<5
PCE	10.2
t12DCE	1.4
TCE	17.5
VC	<1

MW-101A	6/16/2021
111TCA	262
11DCA	139
11DCE	25.7
12DCA	<1
CFM	2.1
c12DCE	69.5
MC	<5
PCE	24.9
t12DCE	5.6
TCE	33.4
VC	<1

MW-101B	6/16/2021
111TCA	281
11DCA	98.8
11DCE	17.5
12DCA	<1
CFM	<1
c12DCE	7
MC	<5
PCE	<1
t12DCE	2.8
TCE	15.9
VC	<1

MW-101C	6/16/2021
111TCA	260
11DCA	93.9
11DCE	15.1
12DCA	<1
CFM	0.35 J
c12DCE	7.2
MC	<5
PCE	12.8
t12DCE	2.8
TCE	9.2
VC	<1

MW-133B	6/17/2021
111TCA	176
11DCA	70.9
11DCE	23.4
12DCA	<1
CFM	1.2
c12DCE	18.3
MC	<5
PCE	35
t12DCE	2.9
TCE	16.9
VC	<1

MW-133C	6/17/2021
111TCA	65.9
11DCA	34.7
11DCE	26.3
12DCA	<1
CFM	2.3
c12DCE	26.8
MC	<5
PCE	15.3
t12DCE	1.2
TCE	39.6
VC	<1

MW-117B	6/14/2021
111TCA	18.7
11DCA	10.3
11DCE	4.6
12DCA	<1
CFM	<1
c12DCE	0.94 J
MC	<5
PCE	10.8
t12DCE	<1
TCE	6.3
VC	<1

MW-117D	6/14/2021
111TCA	16.1
11DCA	14.3
11DCE	4.6
12DCA	<1
CFM	<1
c12DCE	0.92 J
MC	<5
PCE	9.8
t12DCE	<1
TCE	5.4
VC	<1

MW-121	6/13/2021
111TCA	46.2
11DCA	104
11DCE	39.6
12DCA	<1
CFM	0.6 J
c12DCE	5.7
MC	<5
PCE	1.3
t12DCE	1
TCE	39.2
VC	<1

MW-204	6/13/2021
111TCA	31.9
11DCA	56.1
11DCE	35.2
12DCA	<1
CFM	0.39 J
c12DCE	14.1
MC	<5
PCE	3.9
t12DCE	0.89 J
TCE	73.1
VC	<1

MW-205A	6/14/2021
111TCA	16
11DCA	18.7
11DCE	5.6
12DCA	<1
CFM	<1
c12DCE	1.2
MC	<5
PCE	12.1
t12DCE	<1
TCE	5.7
VC	<1

MW-205B	6/14/2021
111TCA	15
11DCA	16.9
11DCE	5.2
12DCA	<1
CFM	<1
c12DCE	0.97 J
MC	<5
PCE	12
t12DCE	<1
TCE	5.6
VC	<1

MW-206A	6/14/2021
111TCA	12.4
11DCA	9.3
11DCE	3.3
12DCA	<1
CFM	<1
c12DCE	1.3
MC	<5
PCE	7.2
t12DCE	<1
TCE	5.1
VC	0.63 J

MW-206B	6/14/2021
111TCA	23.7
11DCA	25.4
11DCE	21.7
12DCA	<1
CFM	<1
c12DCE	16.8
MC	<5
PCE	19.5
t12DCE	<1
TCE	16
VC	<1

MW-206C	6/14/2021
111TCA	<1
11DCA	34.9
11DCE	14.5
12DCA	<1
CFM	<1
c12DCE	50.3
MC	<5
PCE	0.5 J
t12DCE	<1
TCE	8.2
VC	16.9

MW-124	6/13/2021
111TCA	22.7
11DCA	25.1
11DCE	4.6
12DCA	<1
CFM	<1
c12DCE	13.2
MC	<5
PCE	7
t12DCE	0.53 J
TCE	2.8
VC	2.1

MW-113A	6/17/2021
111TCA	63.1
11DCA	77.2
11DCE	12.7
12DCA	<1
CFM	0.6 J
c12DCE	5.9
MC	<5
PCE	12.2
t12DCE	2.1
TCE	21.5
VC	<1

MW-113B	6/17/2021
111TCA	9
11DCA	57
11DCE	11.3
12DCA	<1
CFM	<1
c12DCE	23.3
MC	<5
PCE	2
t12DCE	1.3
TCE	15.6
VC	5.1

MW-102B	6/16/2021
111TCA	<1
11DCA	2.9
11DCE	<1
12DCA	<1
CFM	<1
c12DCE	3.8
MC	<5
PCE	<1
t12DCE	<1
TCE	<1
VC	6.9

MW-102C	6/16/2021
111TCA	93
11DCA	115
11DCE	19.6
12DCA	<1
CFM	<1
c12DCE	44.7
MC	<5
PCE	3.4
t12DCE	2.7
TCE	9.7
VC	<1

NORTH

CHECKED BY: M. MANDELL

EWI # 0192080
DRAWN BY: JPG
FEB 25, 2022

SCALE IN FEET
0 375 750 1500
APPROXIMATE

PREPARED BY: ENVIRONMENTAL WORKS

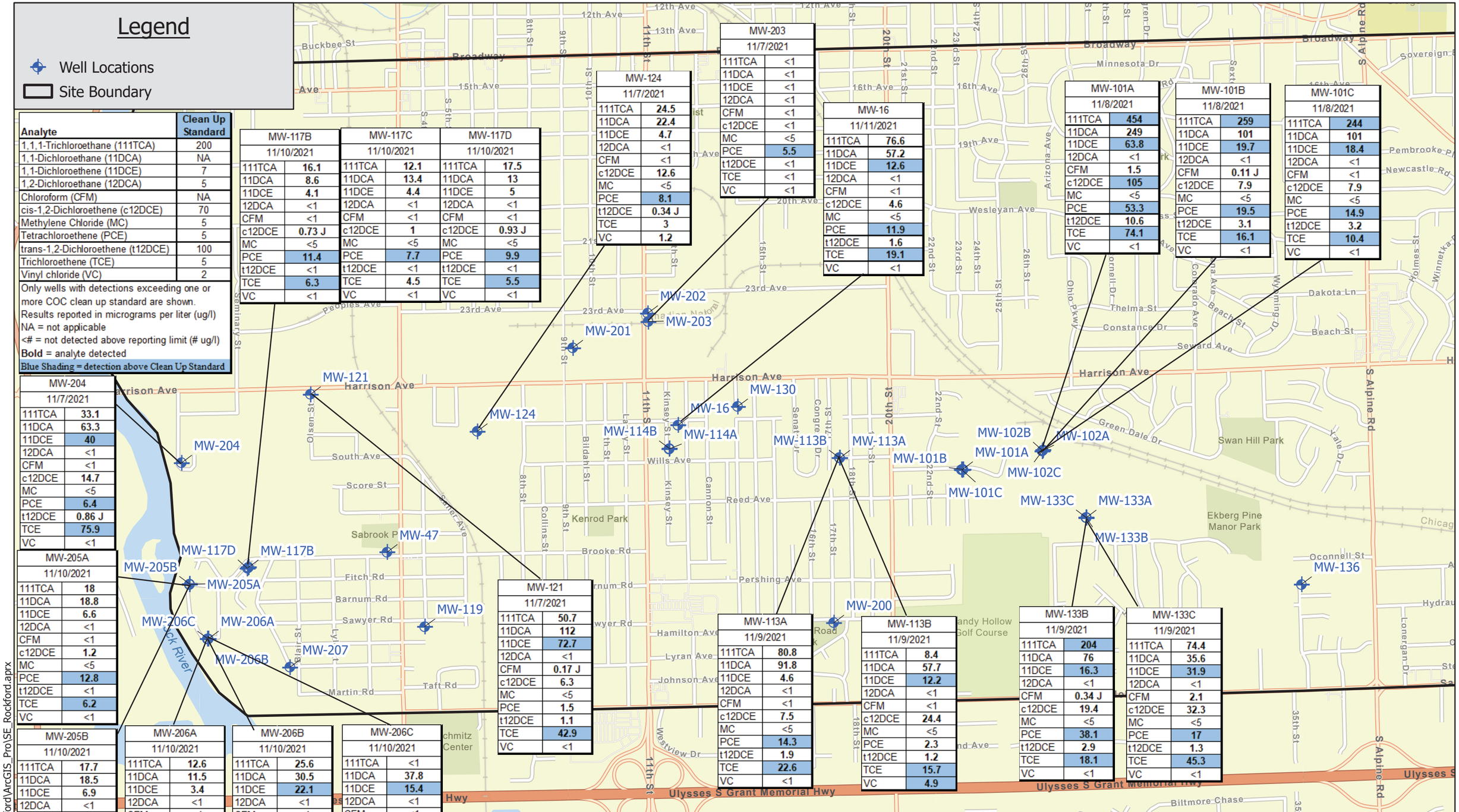
PREPARED FOR: NES

COC Concentration Map
June 2021

SE ROCKFORD
GROUNDWATER CONTAMINATION SITE
WINNEBAGO COUNTY, ILLINOIS

FIGURE
3A

D:\Projects\SE Rockford\ArcGIS_Pro\SE_Rockford.aprx



Analyte	Clean Up Standard
1,1,1-Trichloroethane (111TCA)	200
1,1-Dichloroethane (11DCA)	NA
1,1-Dichloroethene (11DCE)	7
1,2-Dichloroethane (12DCA)	5
Chloroform (CFM)	NA
cis-1,2-Dichloroethene (c12DCE)	70
Methylene Chloride (MC)	5
Tetrachloroethene (PCE)	5
trans-1,2-Dichloroethene (t12DCE)	100
Trichloroethene (TCE)	5
Vinyl chloride (VC)	2

Only wells with detections exceeding one or more COC clean up standard are shown.
Results reported in micrograms per liter (ug/l)
NA = not applicable
<# = not detected above reporting limit (# ug/l)
Bold = analyte detected
Blue Shading = detection above Clean Up Standard

MW-204	11/7/2021
111TCA	**33.1**
11DCA	**63.3**
11DCE	**40**
12DCA	<1
CFM	<1
c12DCE	**14.7**
MC	<5
PCE	**6.4**
t12DCE	**0.86 J**
TCE	**75.9**
VC	<1

MW-205A	11/10/2021
111TCA	**18**
11DCA	**18.8**
11DCE	**6.6**
12DCA	<1
CFM	<1
c12DCE	**1.2**
MC	<5
PCE	**12.8**
t12DCE	<1
TCE	**6.2**
VC	<1

MW-205B	11/10/2021
111TCA	**17.7**
11DCA	**18.5**
11DCE	**6.9**
12DCA	<1
CFM	<1
c12DCE	**0.92 J**
MC	<5
PCE	**12.4**
t12DCE	<1
TCE	**6.3**
VC	<1

MW-117B	11/10/2021
111TCA	**16.1**
11DCA	**8.6**
11DCE	**4.1**
12DCA	<1
CFM	<1
c12DCE	**0.73 J**
MC	<5
PCE	**11.4**
t12DCE	<1
TCE	**6.3**
VC	<1

MW-117C	11/10/2021
111TCA	**12.1**
11DCA	**13.4**
11DCE	**4.4**
12DCA	<1
CFM	<1
c12DCE	**1**
MC	<5
PCE	**7.7**
t12DCE	<1
TCE	**4.5**
VC	<1

MW-117D	11/10/2021
111TCA	**17.5**
11DCA	**13**
11DCE	**5**
12DCA	<1
CFM	<1
c12DCE	**0.93 J**
MC	<5
PCE	**9.9**
t12DCE	<1
TCE	**5.5**
VC	<1

MW-206A	11/10/2021
111TCA	**12.6**
11DCA	**11.5**
11DCE	**3.4**
12DCA	<1
CFM	<1
c12DCE	**1.4**
MC	<5
PCE	**8.6**
t12DCE	<1
TCE	**5.2**
VC	**0.48 J**

MW-206B	11/10/2021
111TCA	**25.6**
11DCA	**30.5**
11DCE	**22.1**
12DCA	<1
CFM	<1
c12DCE	**18.1**
MC	<5
PCE	**21.6**
t12DCE	<1
TCE	**17.4**
VC	<1

MW-206C	11/10/2021
111TCA	<1
11DCA	**37.8**
11DCE	**15.4**
12DCA	<1
CFM	<1
c12DCE	**55.2**
MC	<5
PCE	**0.33 J**
t12DCE	<1
TCE	**7.6**
VC	**21.1**

MW-124	11/7/2021
111TCA	**24.5**
11DCA	**22.4**
11DCE	**4.7**
12DCA	<1
CFM	<1
c12DCE	**12.6**
MC	<5
PCE	**8.1**
t12DCE	**0.34 J**
TCE	**3**
VC	**1.2**

MW-203	11/7/2021
111TCA	<1
11DCA	<1
11DCE	<1
12DCA	<1
CFM	<1
c12DCE	<1
MC	<5
PCE	**5.5**
t12DCE	<1
TCE	<1
VC	<1

MW-16	11/11/2021
111TCA	**76.6**
11DCA	**57.2**
11DCE	**12.6**
12DCA	<1
CFM	<1
c12DCE	**4.6**
MC	<5
PCE	**11.9**
t12DCE	**1.6**
TCE	**19.1**
VC	<1

MW-101A	11/8/2021
111TCA	**454**
11DCA	**249**
11DCE	**63.8**
12DCA	<1
CFM	**1.5**
c12DCE	**105**
MC	<5
PCE	**53.3**
t12DCE	**10.6**
TCE	**74.1**
VC	<1

MW-101B	11/8/2021
111TCA	**259**
11DCA	**101**
11DCE	**19.7**
12DCA	<1
CFM	**0.11 J**
c12DCE	**7.9**
MC	<5
PCE	**19.5**
t12DCE	**3.1**
TCE	**16.1**
VC	<1

MW-101C	11/8/2021
111TCA	**244**
11DCA	**101**
11DCE	**18.4**
12DCA	<1
CFM	<1
c12DCE	**7.9**
MC	<5
PCE	**14.9**
t12DCE	**3.2**
TCE	**10.4**
VC	<1

MW-121	11/7/2021
111TCA	**50.7**
11DCA	**112**
11DCE	**72.7**
12DCA	<1
CFM	**0.17 J**
c12DCE	**6.3**
MC	<5
PCE	**1.5**
t12DCE	**1.1**
TCE	**42.9**
VC	<1

MW-113A	11/9/2021
111TCA	**80.8**
11DCA	**91.8**
11DCE	**4.6**
12DCA	<1
CFM	<1
c12DCE	**7.5**
MC	<5
PCE	**14.3**
t12DCE	**1.9**
TCE	**22.6**
VC	<1

MW-113B	11/9/2021
111TCA	**8.4**
11DCA	**57.7**
11DCE	**12.2**
12DCA	<1
CFM	<1
c12DCE	**24.4**
MC	<5
PCE	**2.3**
t12DCE	**1.2**
TCE	**15.7**
VC	**4.9**

MW-133B	11/9/2021
111TCA	**204**
11DCA	**76**
11DCE	**16.3**
12DCA	<1
CFM	**0.34 J**
c12DCE	**19.4**
MC	<5
PCE	**38.1**
t12DCE	**2.9**
TCE	**18.1**
VC	<1

MW-133C	11/9/2021
111TCA	**74.4**
11DCA	**35.6**
11DCE	**31.9**
12DCA	<1
CFM	**2.1**
c12DCE	**32.3**
MC	<5
PCE	**17**
t12DCE	**1.3**
TCE	**45.3**
VC	<1

D:\Projects\SE Rockford\ArcGIS_Pro\SE_Rockford.aprx

NORTH

CHECKED BY: M. MANDELL

EWI # 0192080
DRAWN BY: JPG
FEB 25, 2022

SCALE IN FEET
0 375 750 1500
APPROXIMATE

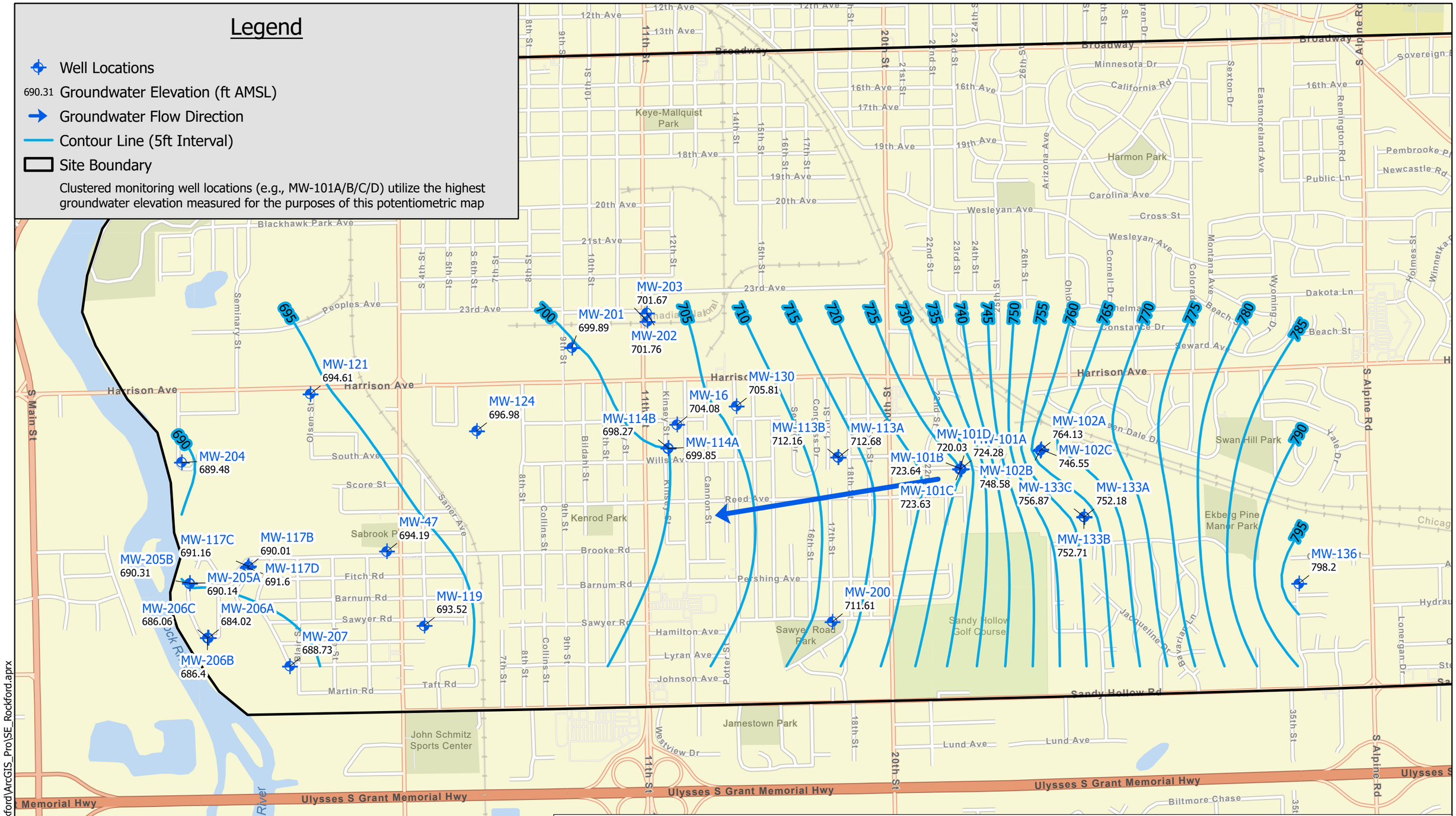
PREPARED BY: ENVIRONMENTAL WORKS

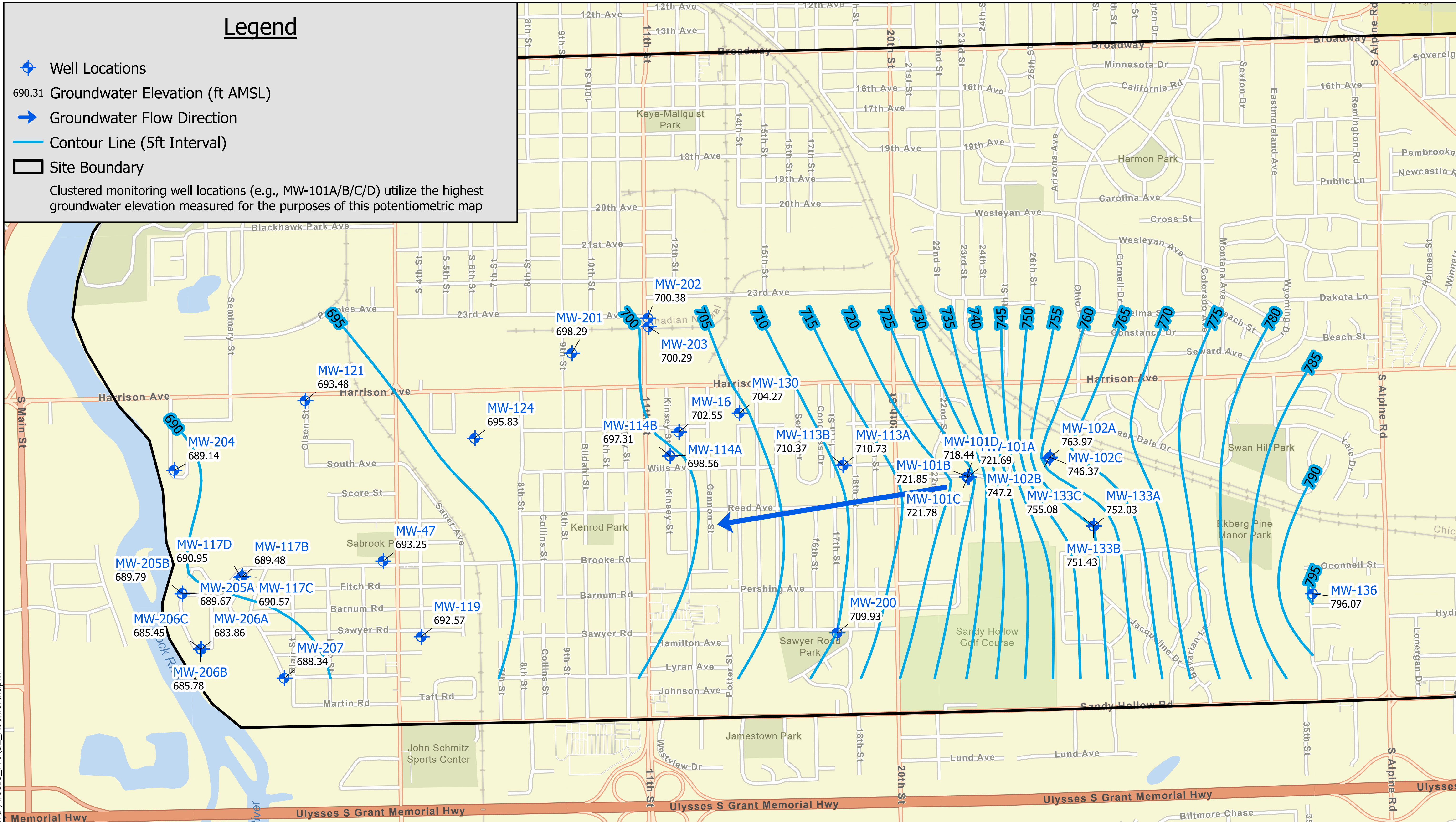
PREPARED FOR: NES

COC Concentration Map
November 2021

SE ROCKFORD
GROUNDWATER CONTAMINATION SITE
WINNEBAGO COUNTY, ILLINOIS

FIGURE
3B


Legend
Well Locations
690.31 Groundwater Elevation (ft AMSL)
Groundwater Flow Direction
Contour Line (5ft Interval)
Site Boundary
Clustered monitoring well locations (e.g., MW-101A/B/C/D) utilize the highest groundwater elevation measured for the purposes of this potentiometric map
MW-203 701.67
MW-201 699.89
MW-202 701.76
MW-121 694.61
MW-124 696.98
MW-130 705.81
MW-16 704.08
MW-114B 698.27
MW-114A 699.85
MW-113B 712.16
MW-113A 712.68
MW-101D 720.03
MW-101A 724.28
MW-102A 764.13
MW-102C 746.55
MW-101B 723.64
MW-102B 748.58
MW-101C 723.63
MW-133C 756.87
MW-133A 752.18
MW-133B 752.71
MW-204 689.48
MW-47 694.19
MW-117C 691.16
MW-117B 690.01
MW-205B 690.31
MW-205A 690.14
MW-117D 691.6
MW-206C 686.06
MW-206A 684.02
MW-119 693.52
MW-207 688.73
MW-206B 686.4
MW-200 711.61
MW-136 798.2
690
695
700
705
710
715
720
725
730
735
740
745
750
755
760
765
770
775
780
785
790
795
Harrison Ave
Ulysses S Grant Memorial Hwy
Sandy Hollow Rd
Rock River
Keye-Mallquist Park
Kenrod Park
Sabrook Park
Harmon Park
Swan Hill Park
Ekberg Pine Manor Park
Sawyer Road Park
Sandy Hollow Golf Course
Jamestown Park
John Schmitz Sports Center
Broadway
S Main St
S Alpine Rd
Wesleyan Ave
Blackhawk Park Ave
Peoples Ave
South Ave
Score St
Fitch Rd
Barnum Rd
Sawyer Rd
Brooke Rd
Hamilton Ave
Lyran Ave
Johnson Ave
Pershing Ave
Reed Ave
Lund Ave
Biltmore Chase
Research Pkwy
Martin Rd
Taft Rd
Westview Dr
Jacqueline Dr
Carolina Ave
Cross St
Minnesota Dr
California Rd
Dakota Ln
Beach St
Pembrooke Pl
Newcastle Rd
Public Ln
Remington Rd
Sovereign
Holmes St
Winnetka
Lonergan Dr
Hydraulic
Chicago
Yale Dr
Swan Dale Dr
Constance Dr
Seward Ave
Cornell Dr
Montana Ave
Wyoming Dr
Eastmoreland Ave
Sexton Dr
Arizona Ave
Ohio
Colorado Ave
Beach St
Saner Ave
Bildahl St
Kinsey St
Wills Ave
Cannon St
Potter St
Collins St
Olsen St
Seminary St
Blair St
Boeing Dr
Assembly
Kinsey St
Seminary St
Congress Dr
Bay Varia Ln
Sovereign
NORTH
CHECKED BY: M. MANDELL
EWI # 0192080
DRAWN BY: JPG
FEB 22, 2022
SCALE IN FEET
0 375 750 1500
APPROXIMATE
PREPARED BY:
ENVIRONMENTAL WORKS
PREPARED FOR:
NES
Potentiometric Surface Map
June 2021
SE ROCKFORD
GROUNDWATER CONTAMINATION SITE
WINNEBAGO COUNTY, ILLINOIS
FIGURE
4A
D:\Projects\SE Rockford\ArcGIS_Pro\SE_Rockford.aprx



NORTH

CHECKED BY:
M. MANDELL

EWI # 0192080
DRAWN BY: JPG
FEB 22, 2022

SCALE IN FEET
0 375 750 1500
APPROXIMATE

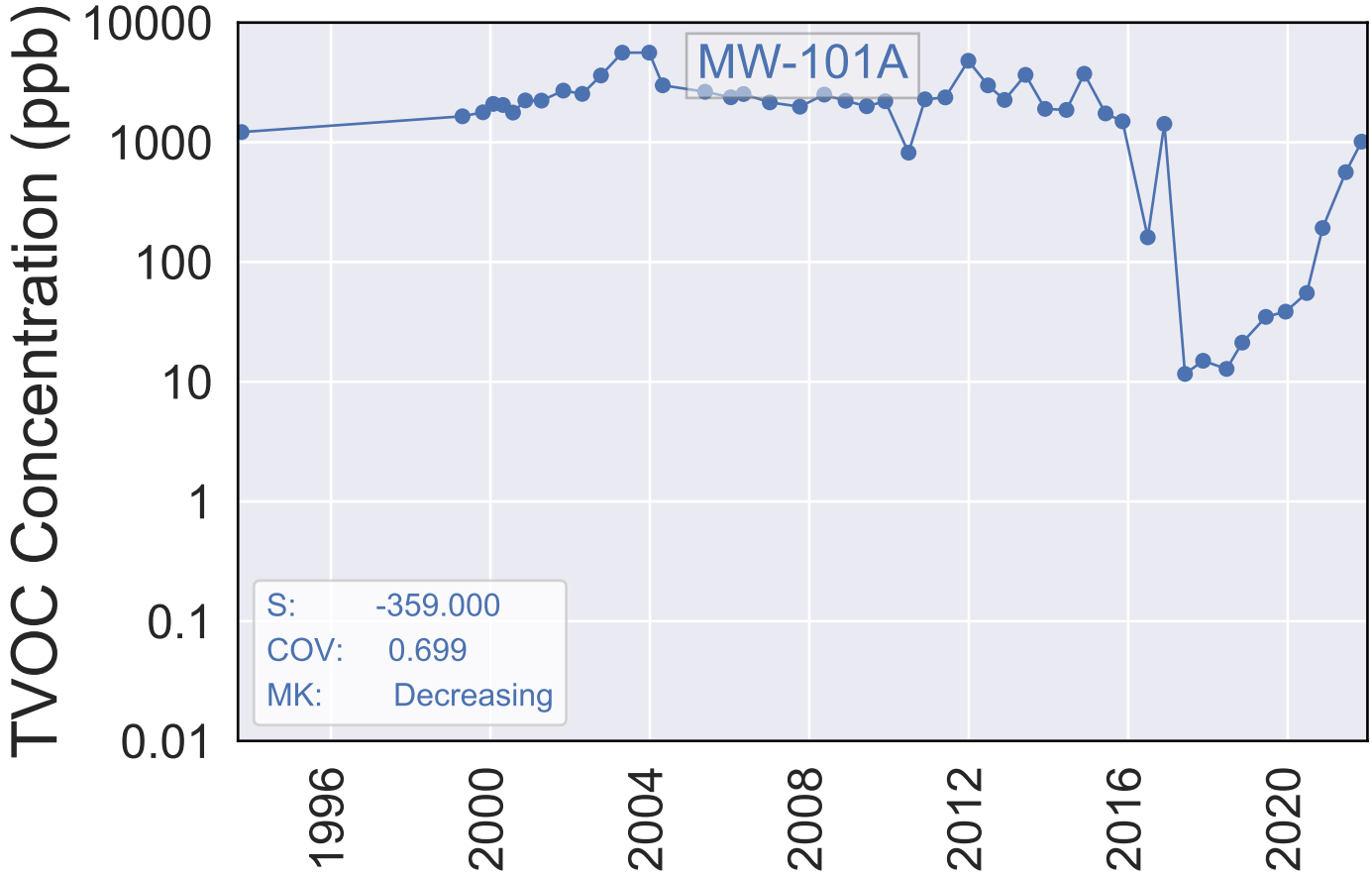
PREPARED BY:
ENVIRONMENTAL WORKS

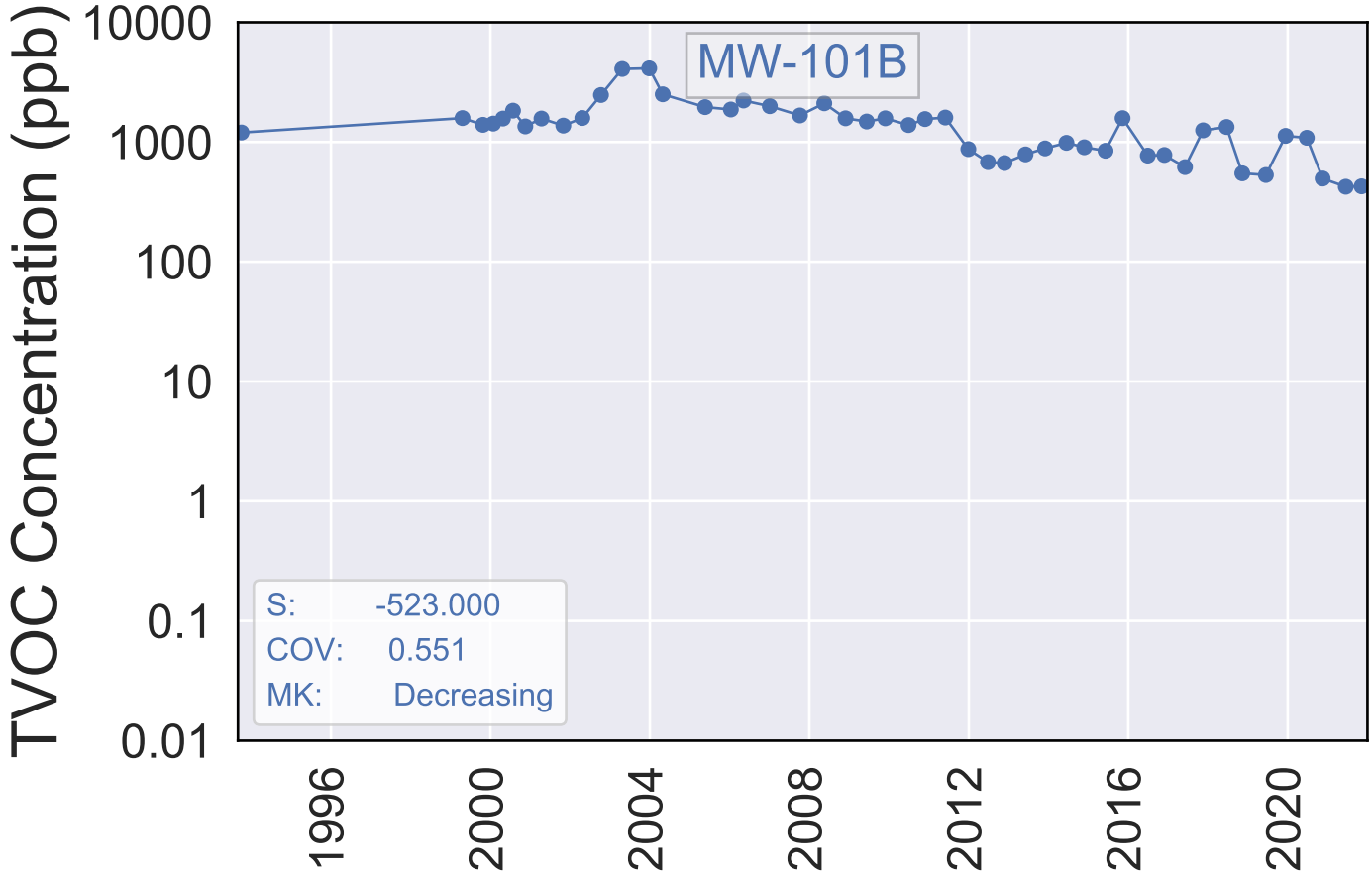
PREPARED FOR:
NES

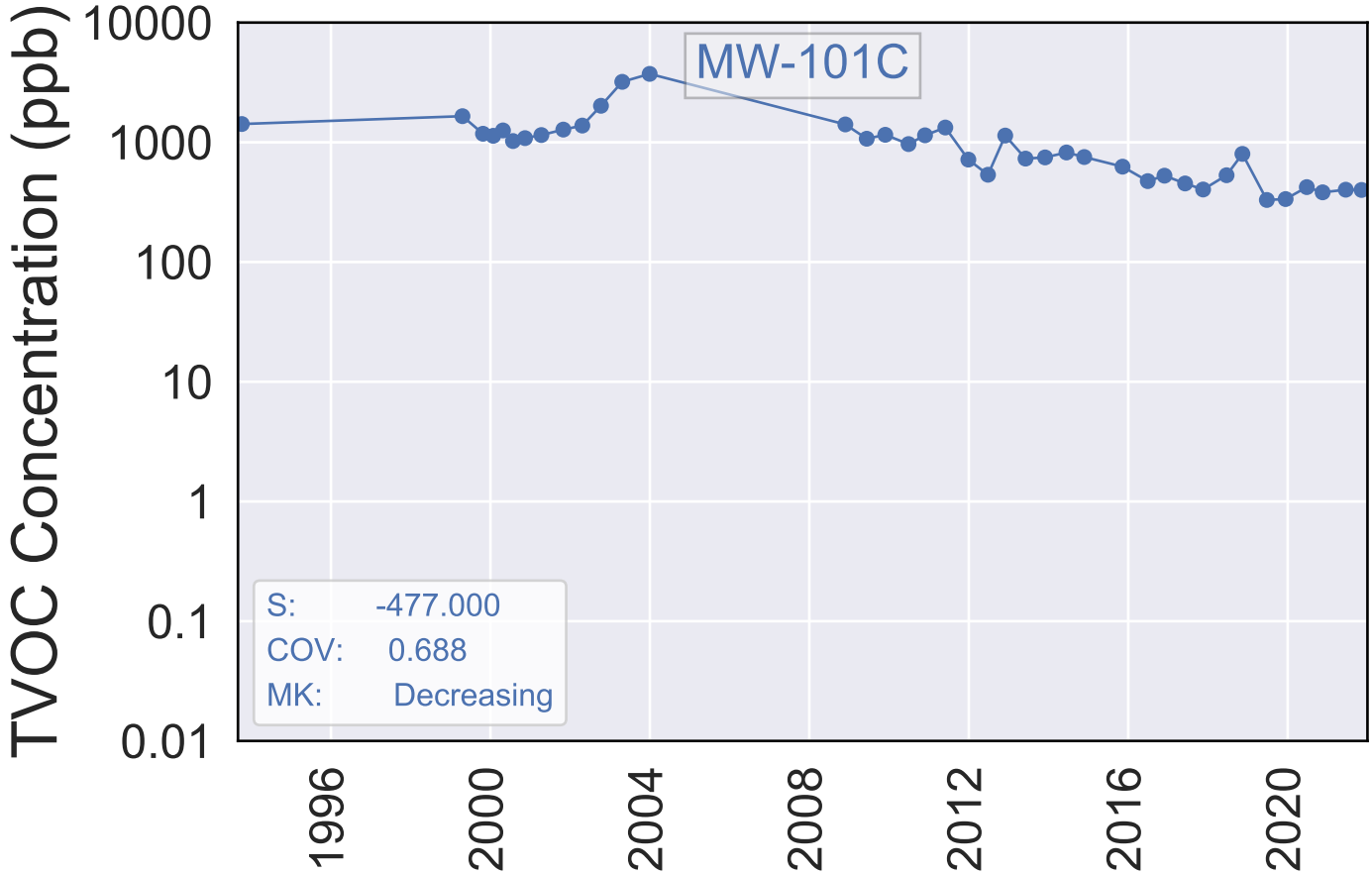
Potentiometric Surface Map
November 2021

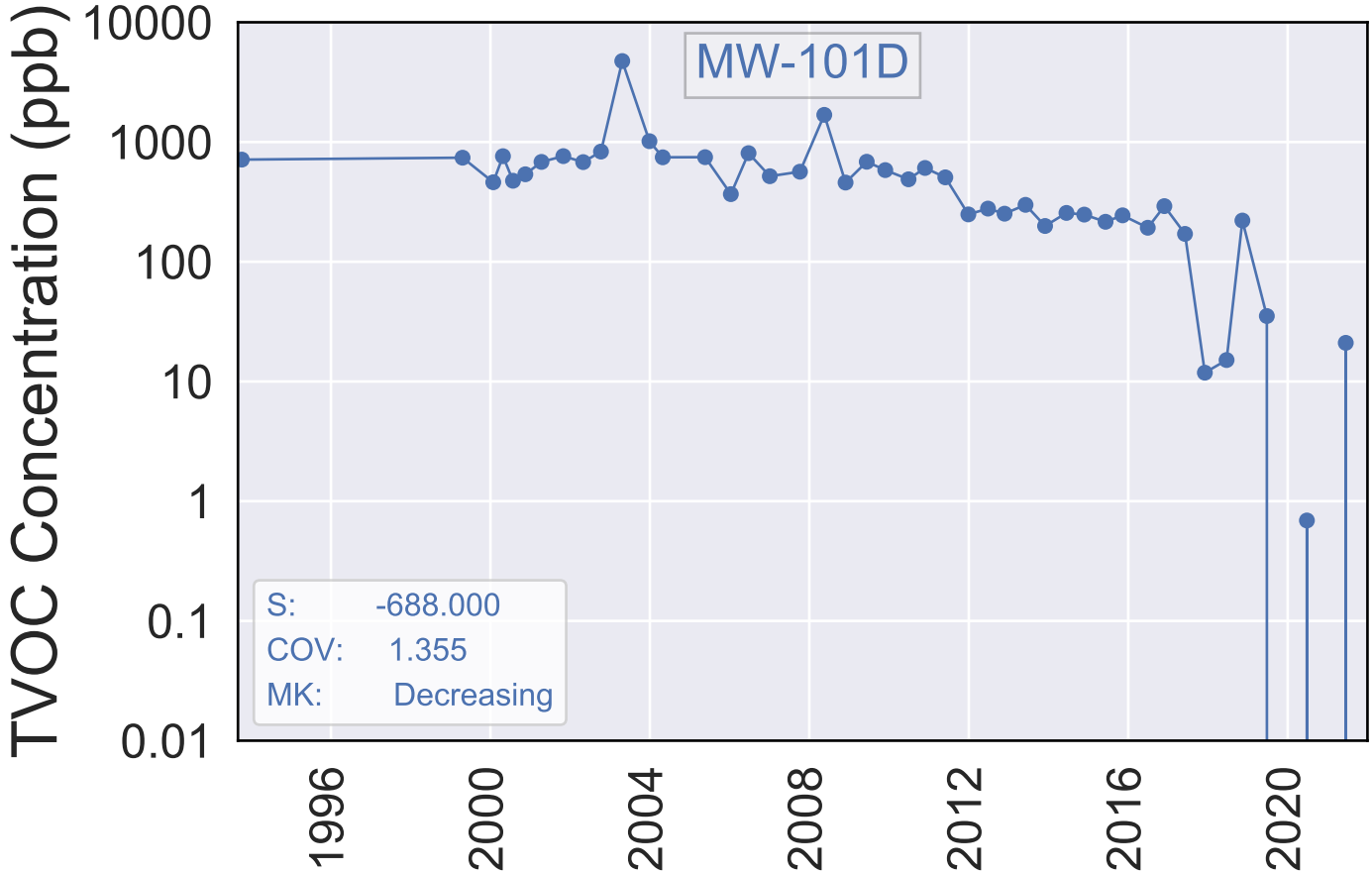
SE ROCKFORD
GROUNDWATER CONTAMINATION SITE
WINNEBAGO COUNTY, ILLINOIS

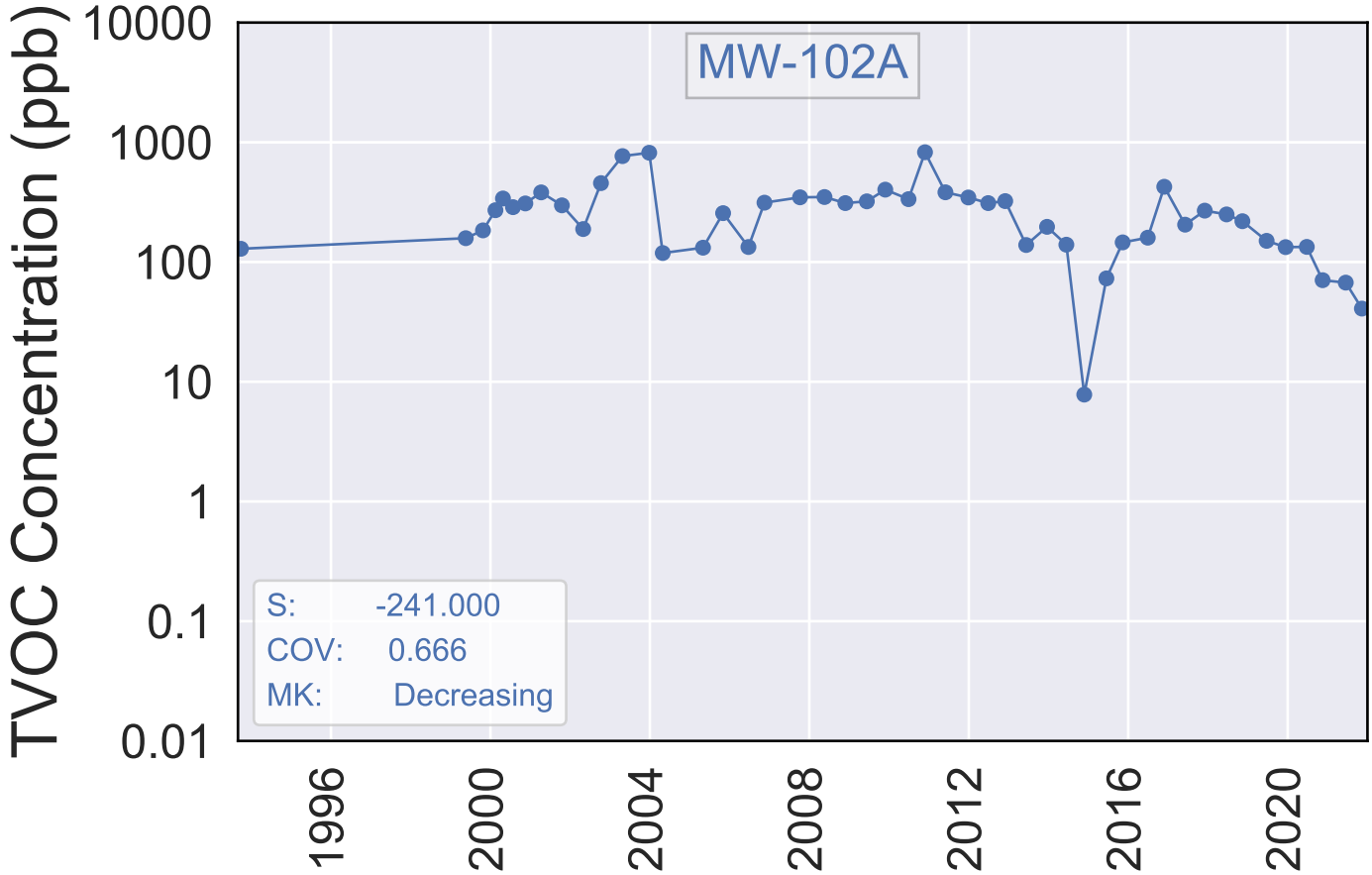
FIGURE
4B

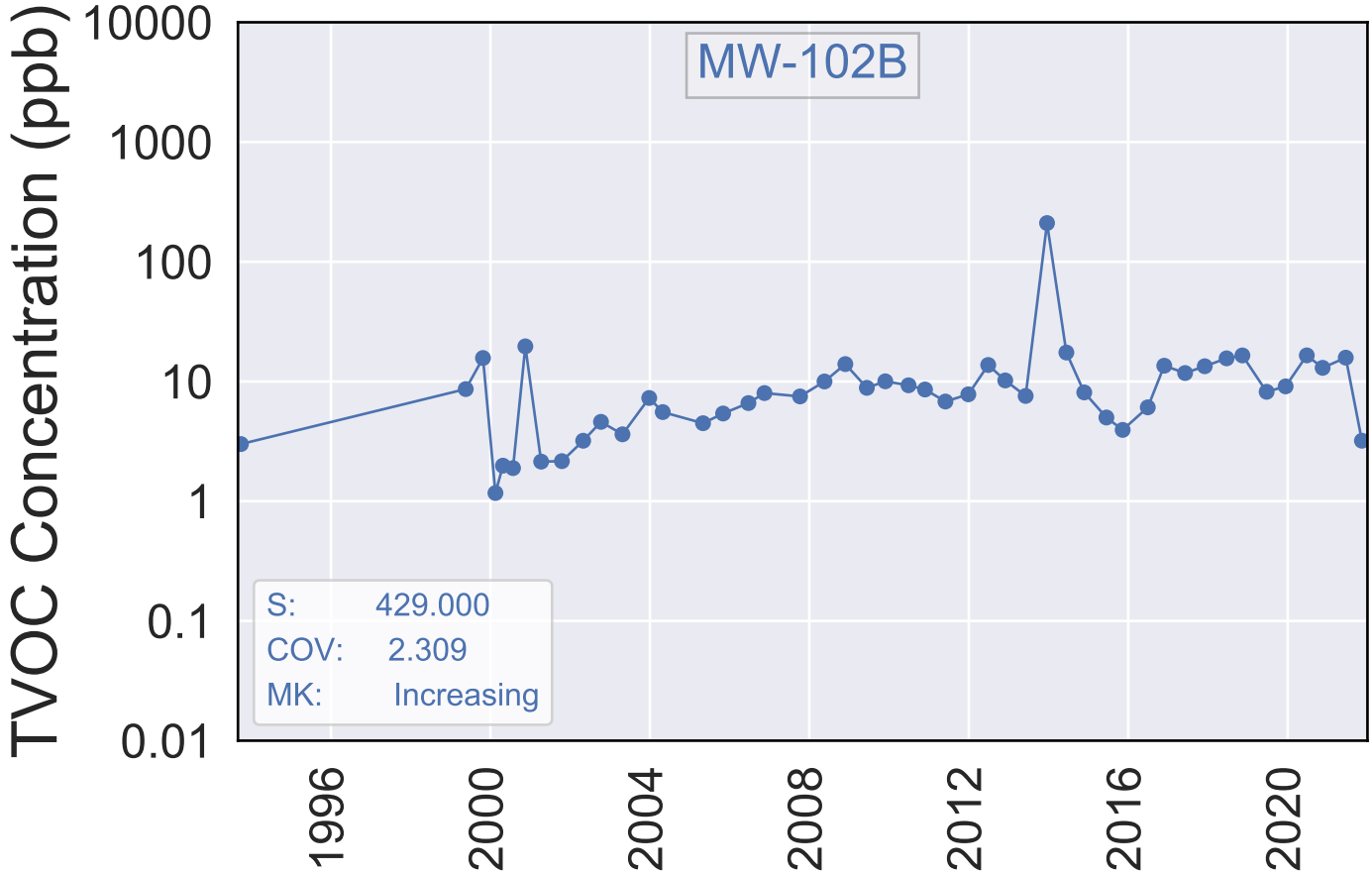

MW-101A
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: -359.000
COV: 0.699
MK: Decreasing
1996
2000
2004
2008
2012
2016
2020

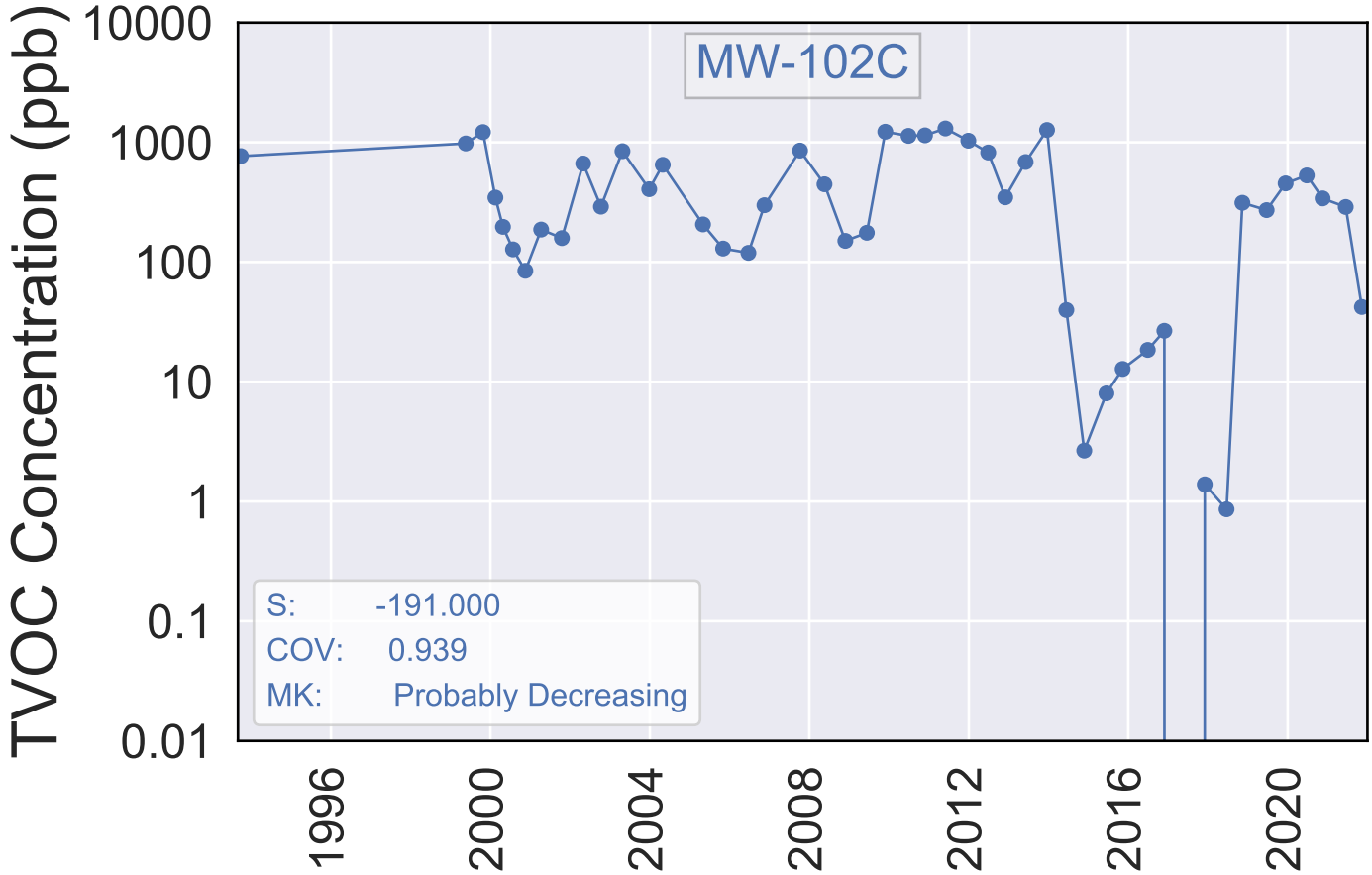

MW-101B
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: -523.000
COV: 0.551
MK: Decreasing
1996
2000
2004
2008
2012
2016
2020

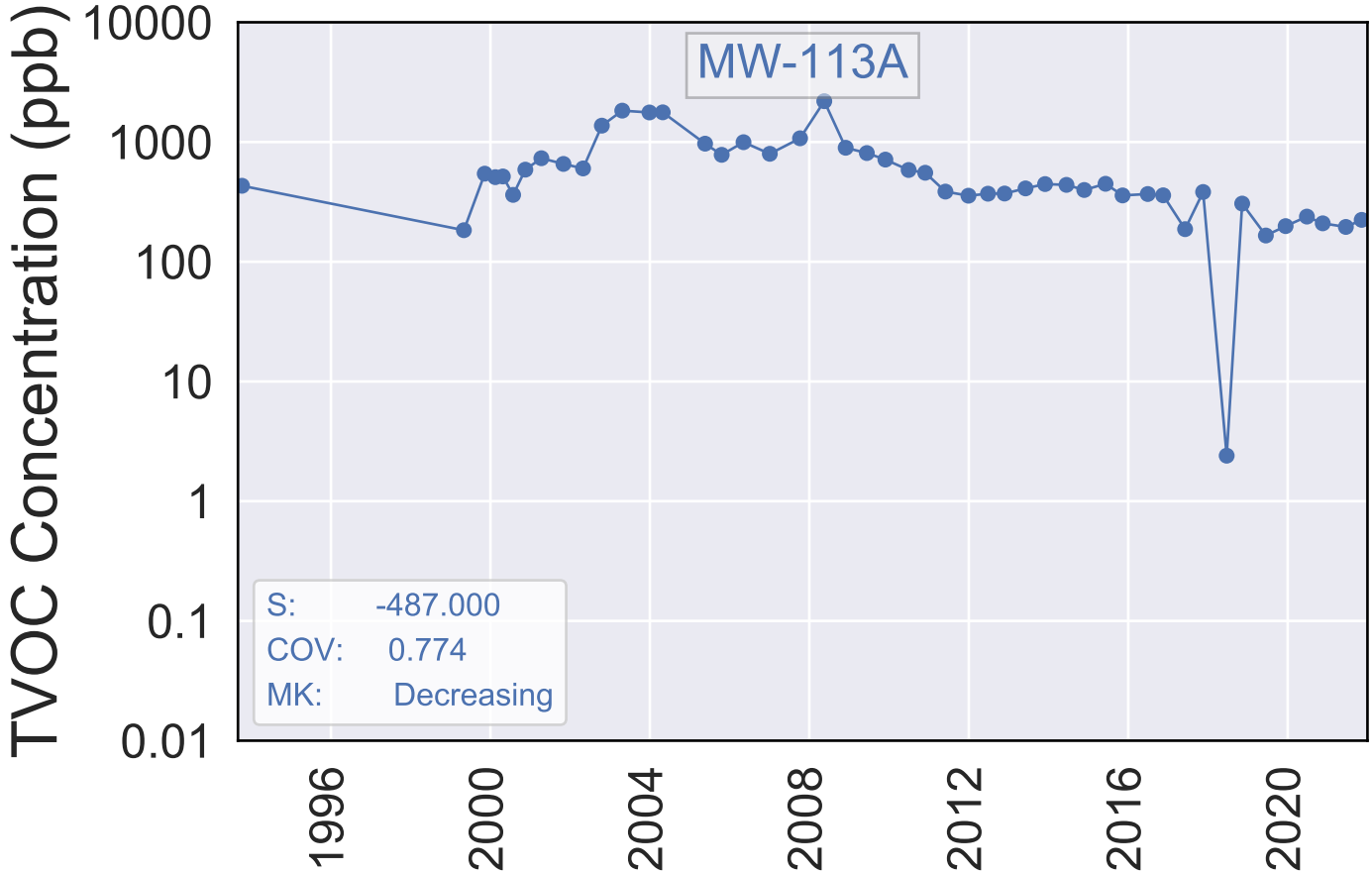

MW-101C
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: -477.000
COV: 0.688
MK: Decreasing
1996
2000
2004
2008
2012
2016
2020

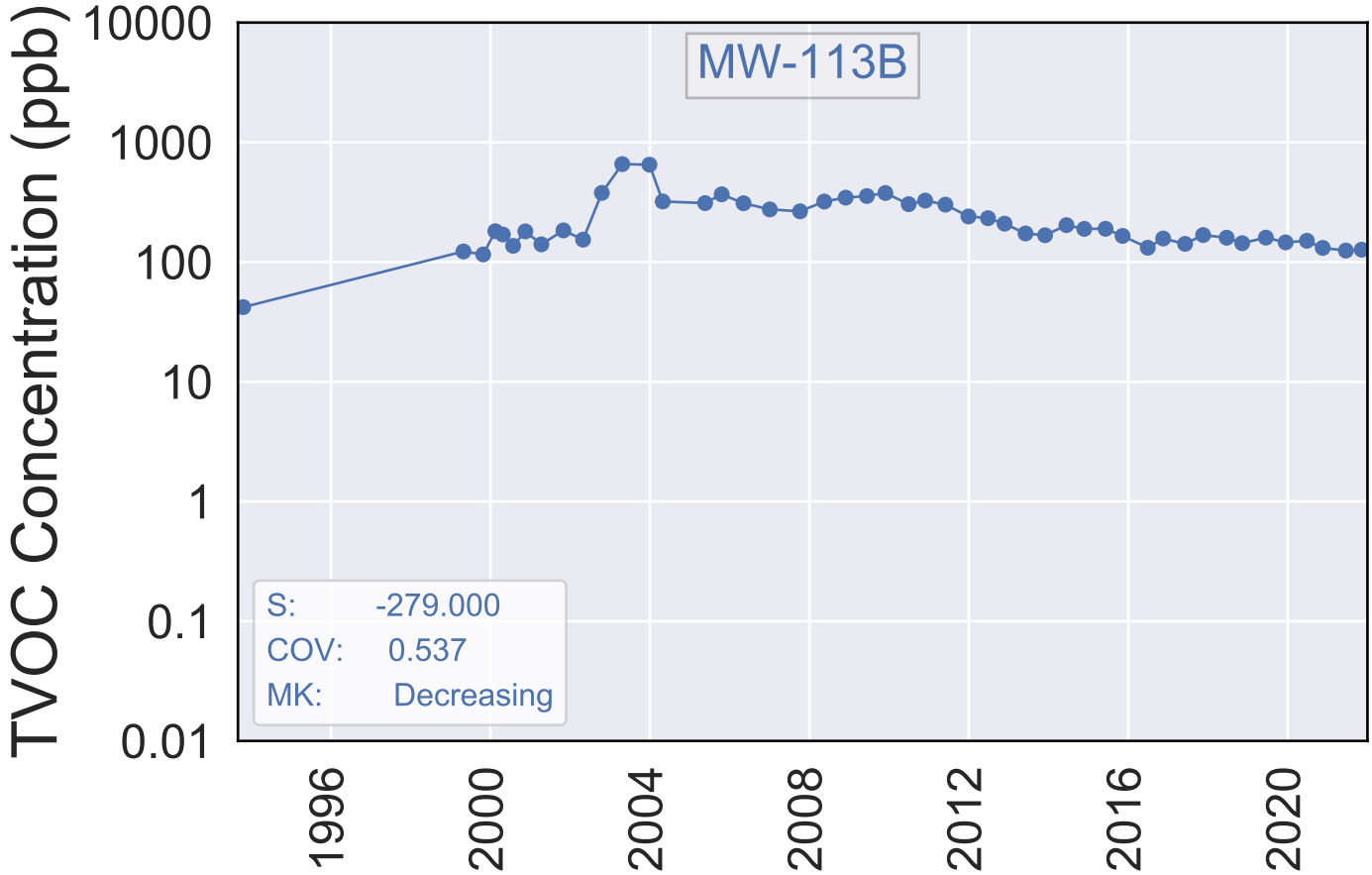

MW-101D
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: -688.000
COV: 1.355
MK: Decreasing
1996
2000
2004
2008
2012
2016
2020

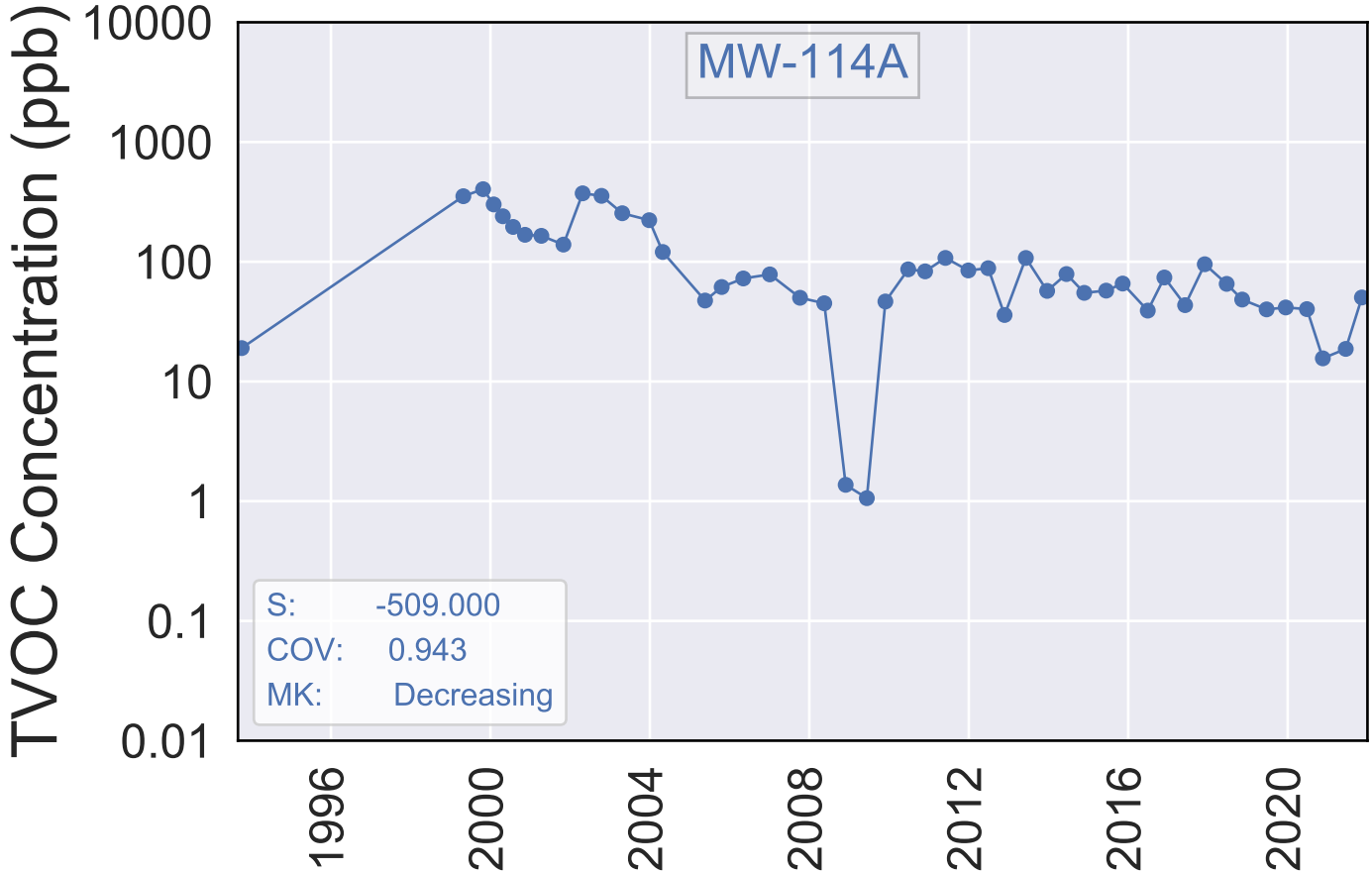

MW-102A
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: -241.000
COV: 0.666
MK: Decreasing
1996
2000
2004
2008
2012
2016
2020

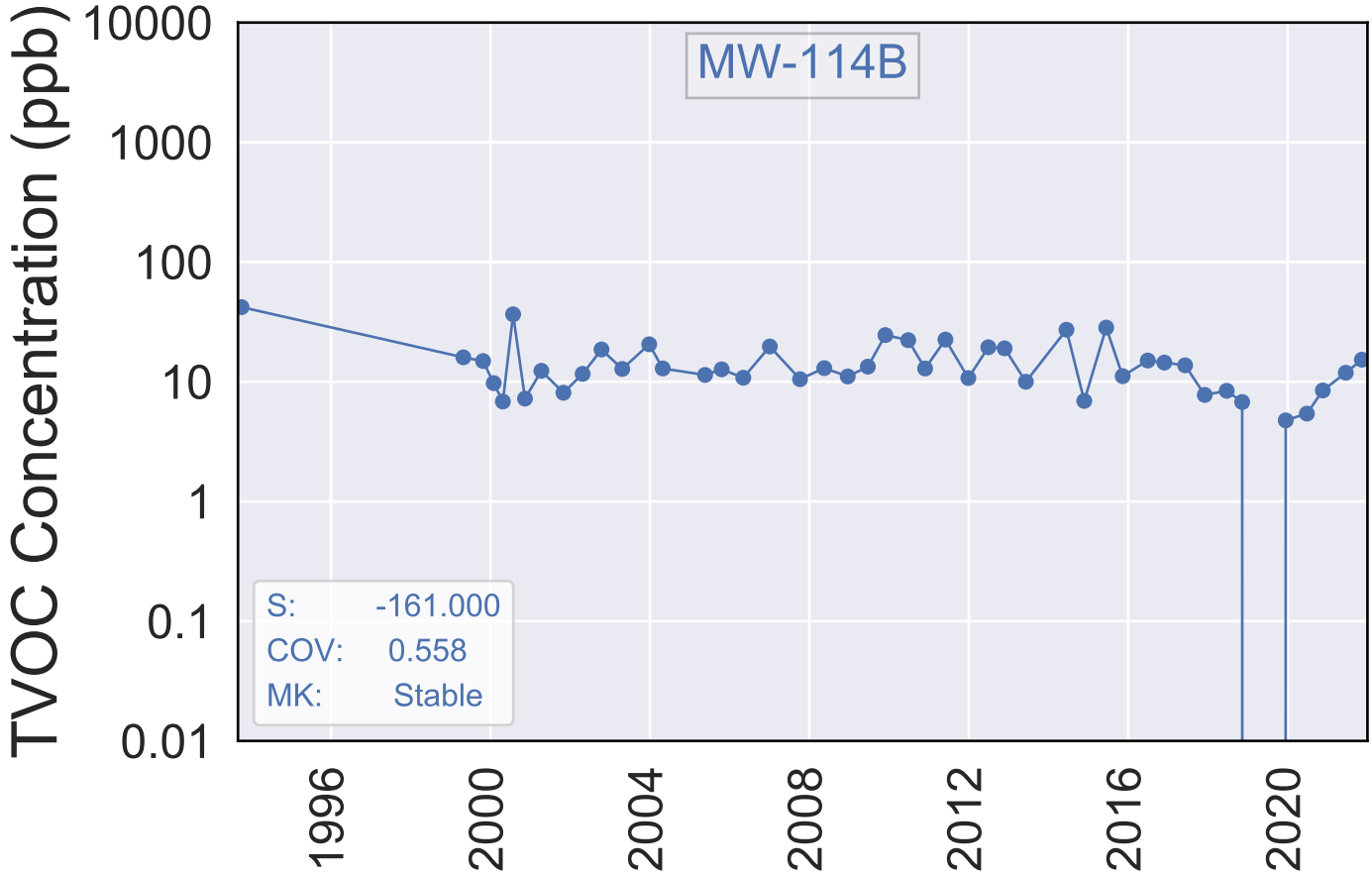

MW-102B
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: 429.000
COV: 2.309
MK: Increasing
1996
2000
2004
2008
2012
2016
2020

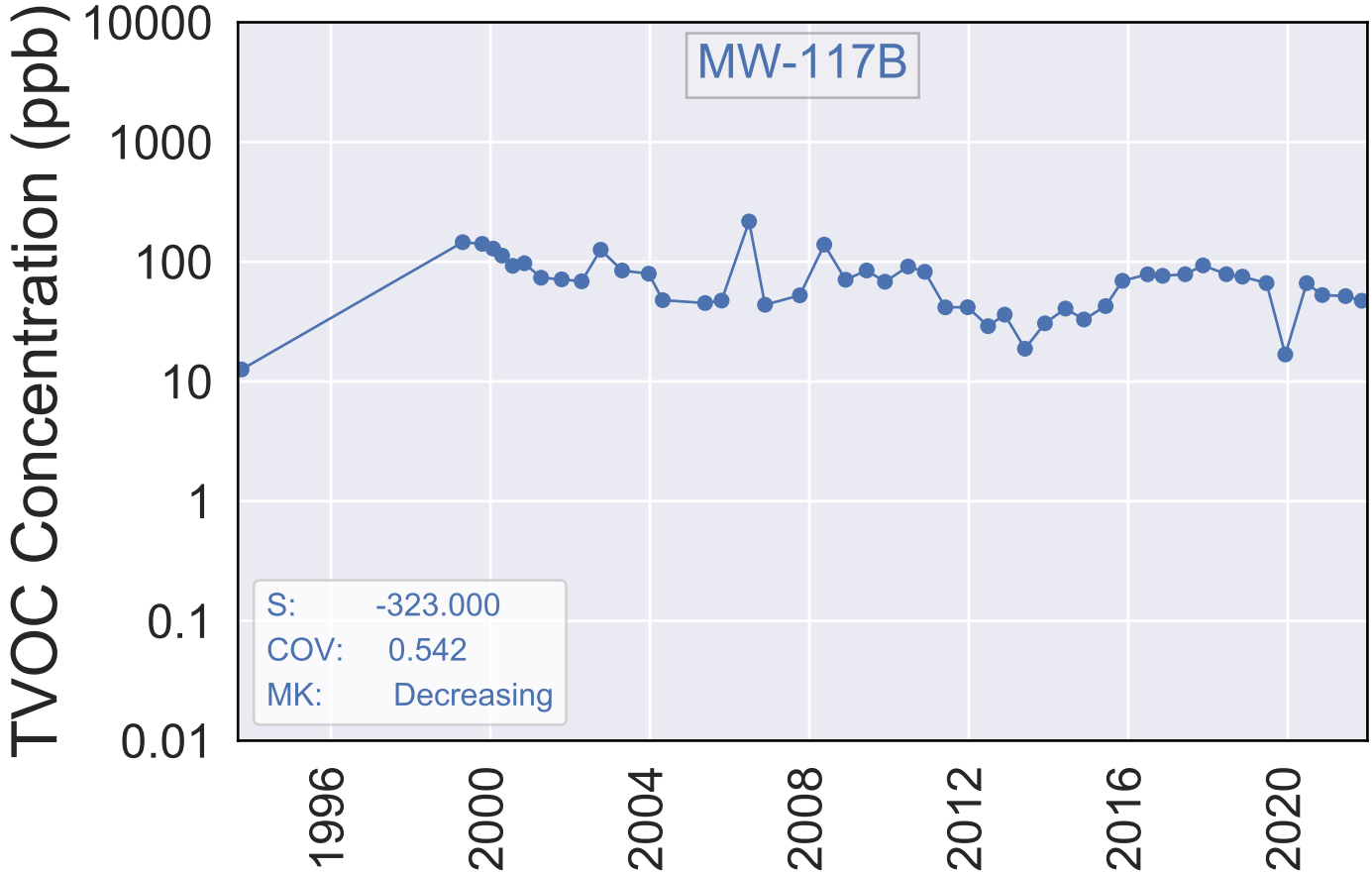

MW-102C
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: -191.000
COV: 0.939
MK: Probably Decreasing
1996
2000
2004
2008
2012
2016
2020

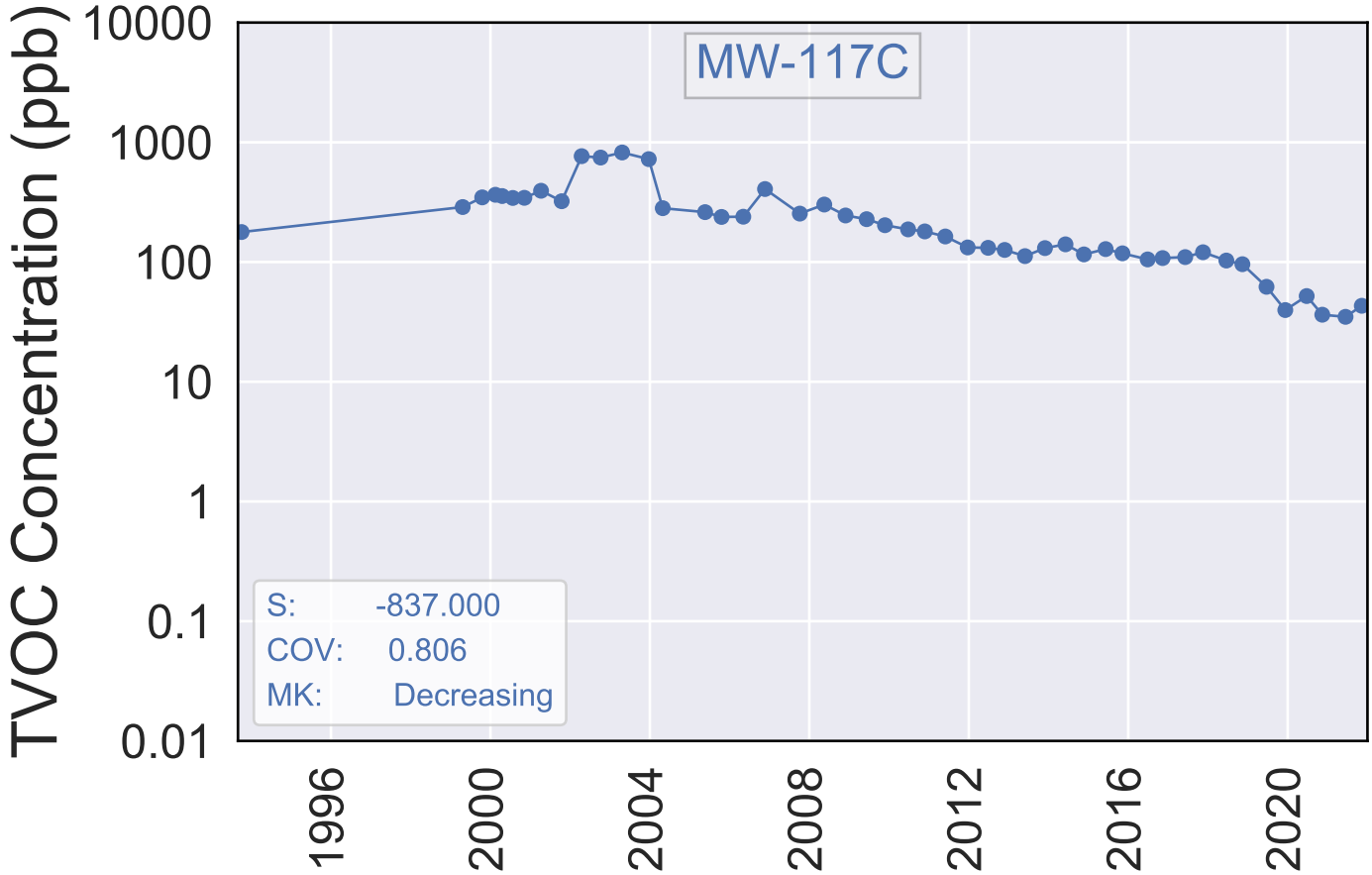

MW-113A
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: -487.000
COV: 0.774
MK: Decreasing
1996
2000
2004
2008
2012
2016
2020

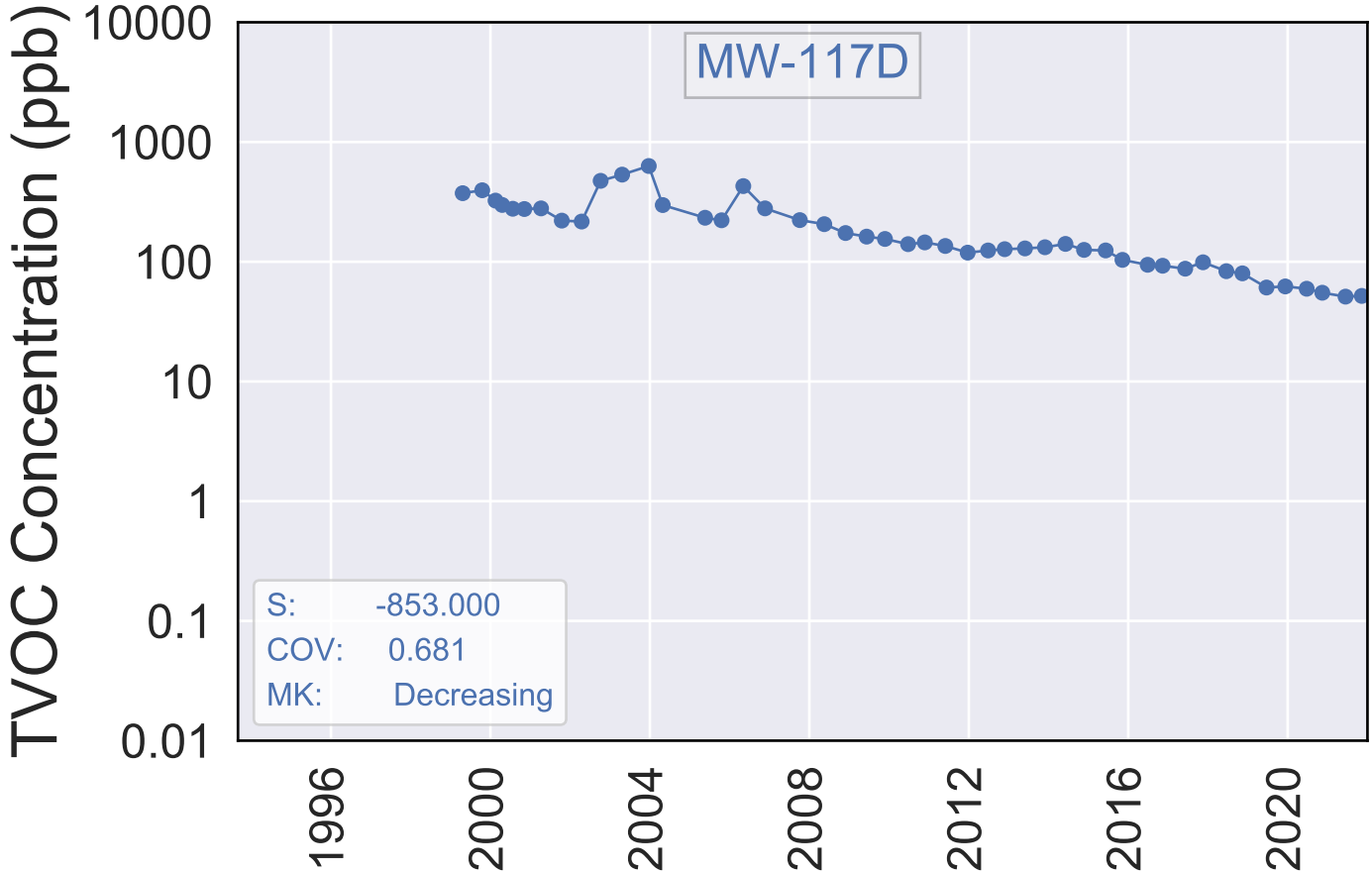

MW-113B
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: -279.000
COV: 0.537
MK: Decreasing
1996
2000
2004
2008
2012
2016
2020

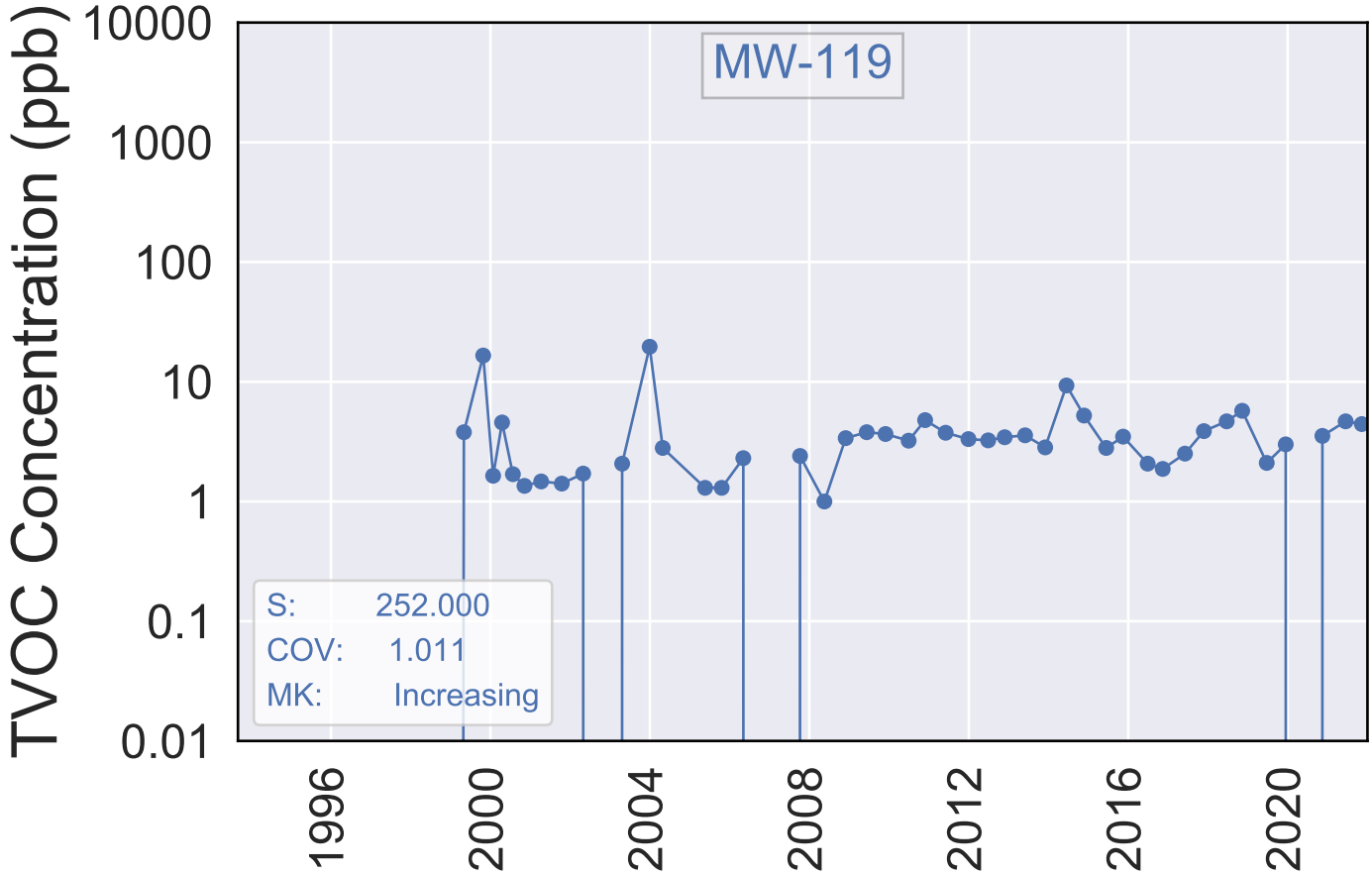

MW-114A
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: -509.000
COV: 0.943
MK: Decreasing
1996
2000
2004
2008
2012
2016
2020

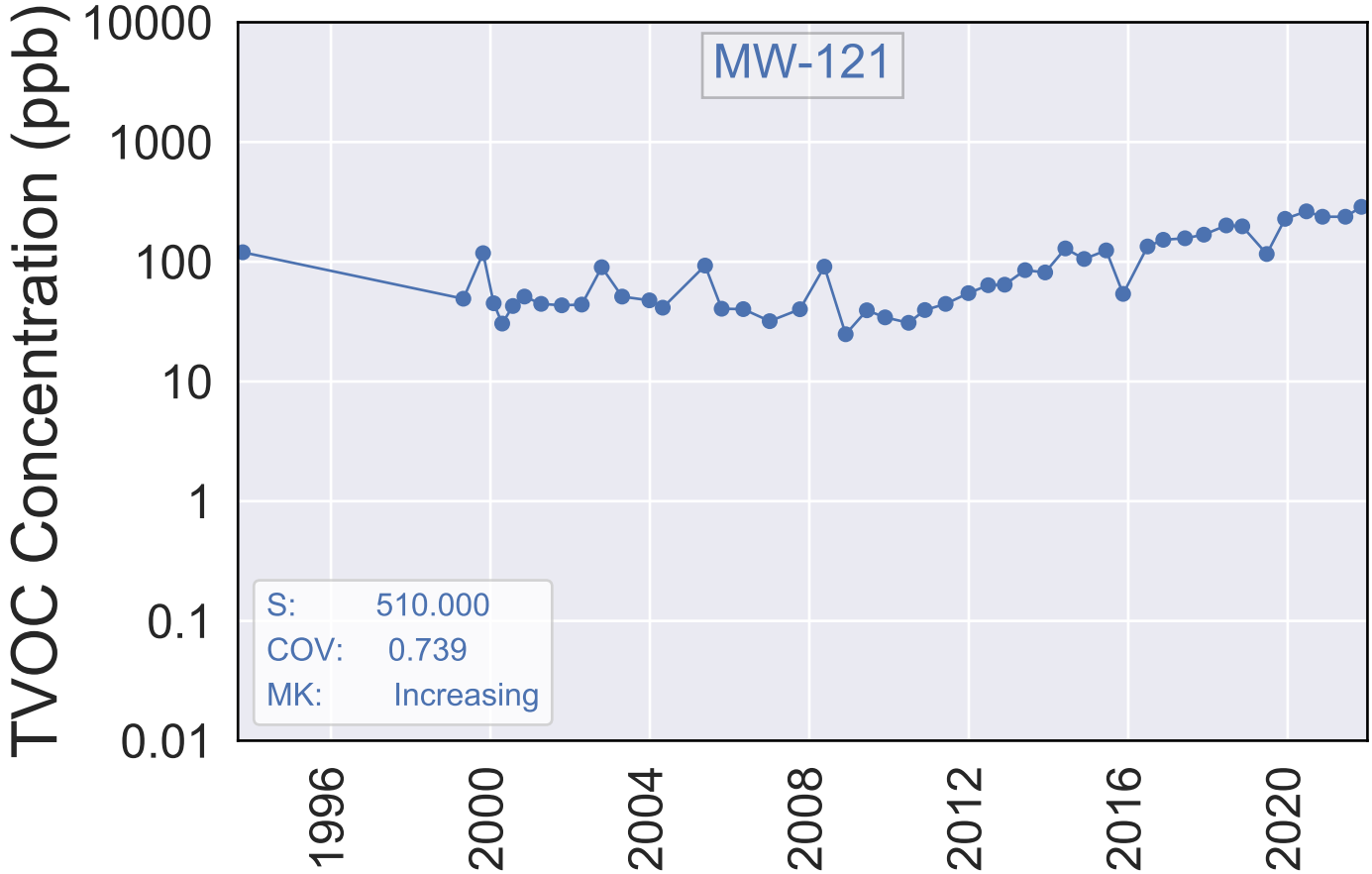

MW-114B
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: -161.000
COV: 0.558
MK: Stable
1996
2000
2004
2008
2012
2016
2020

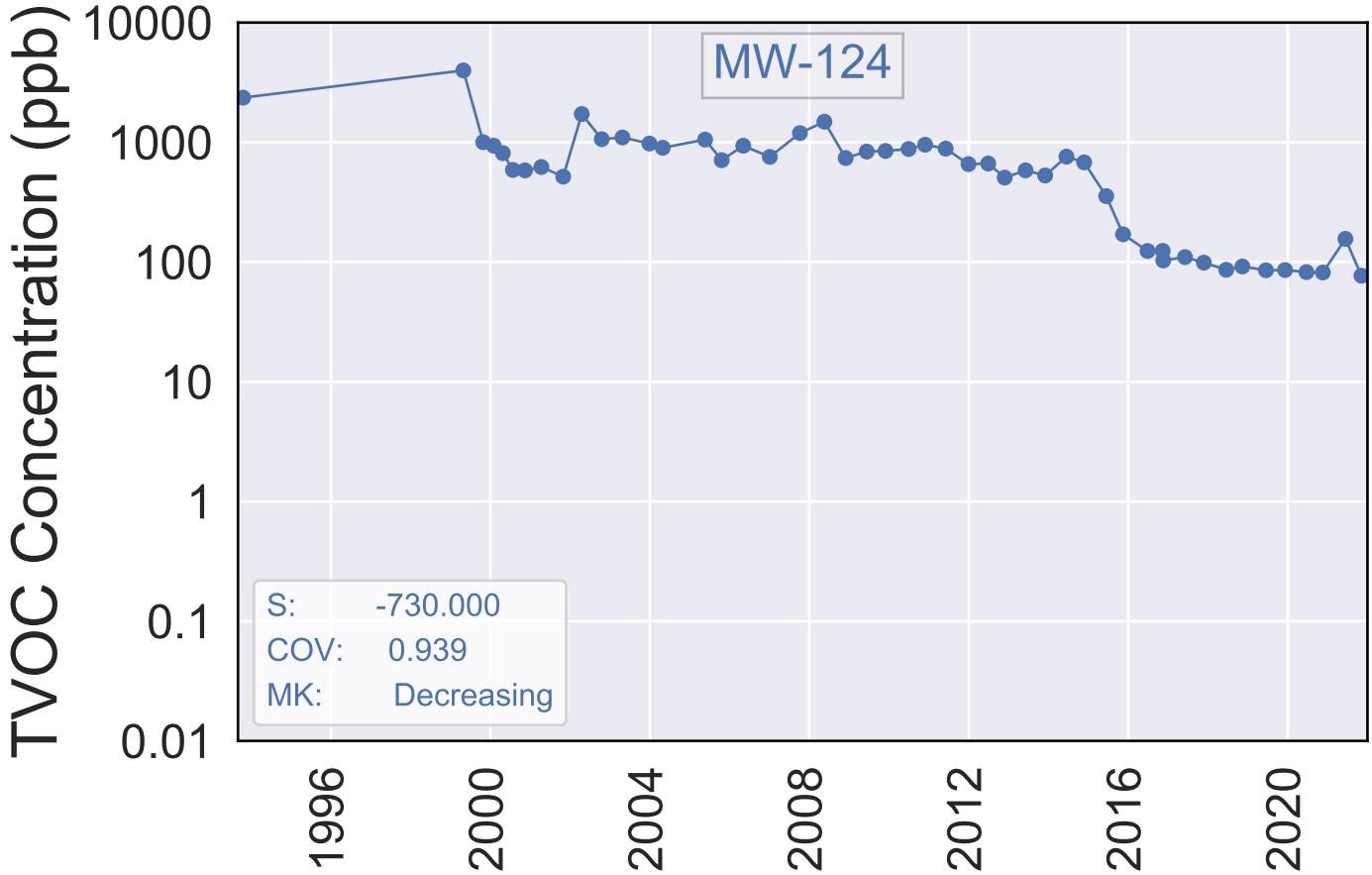

MW-117B
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: -323.000
COV: 0.542
MK: Decreasing
1996
2000
2004
2008
2012
2016
2020

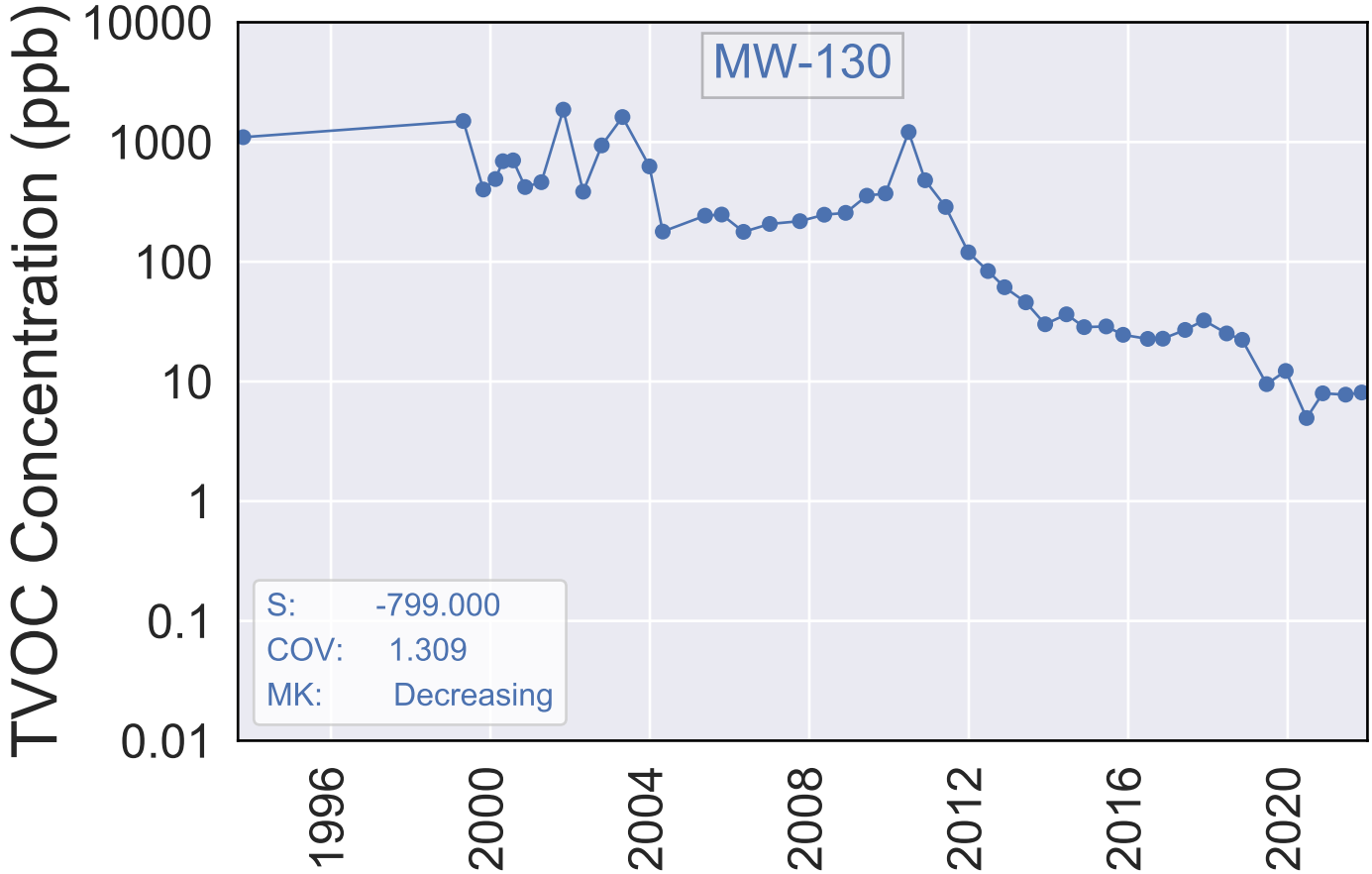

MW-117C
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: -837.000
COV: 0.806
MK: Decreasing
1996
2000
2004
2008
2012
2016
2020

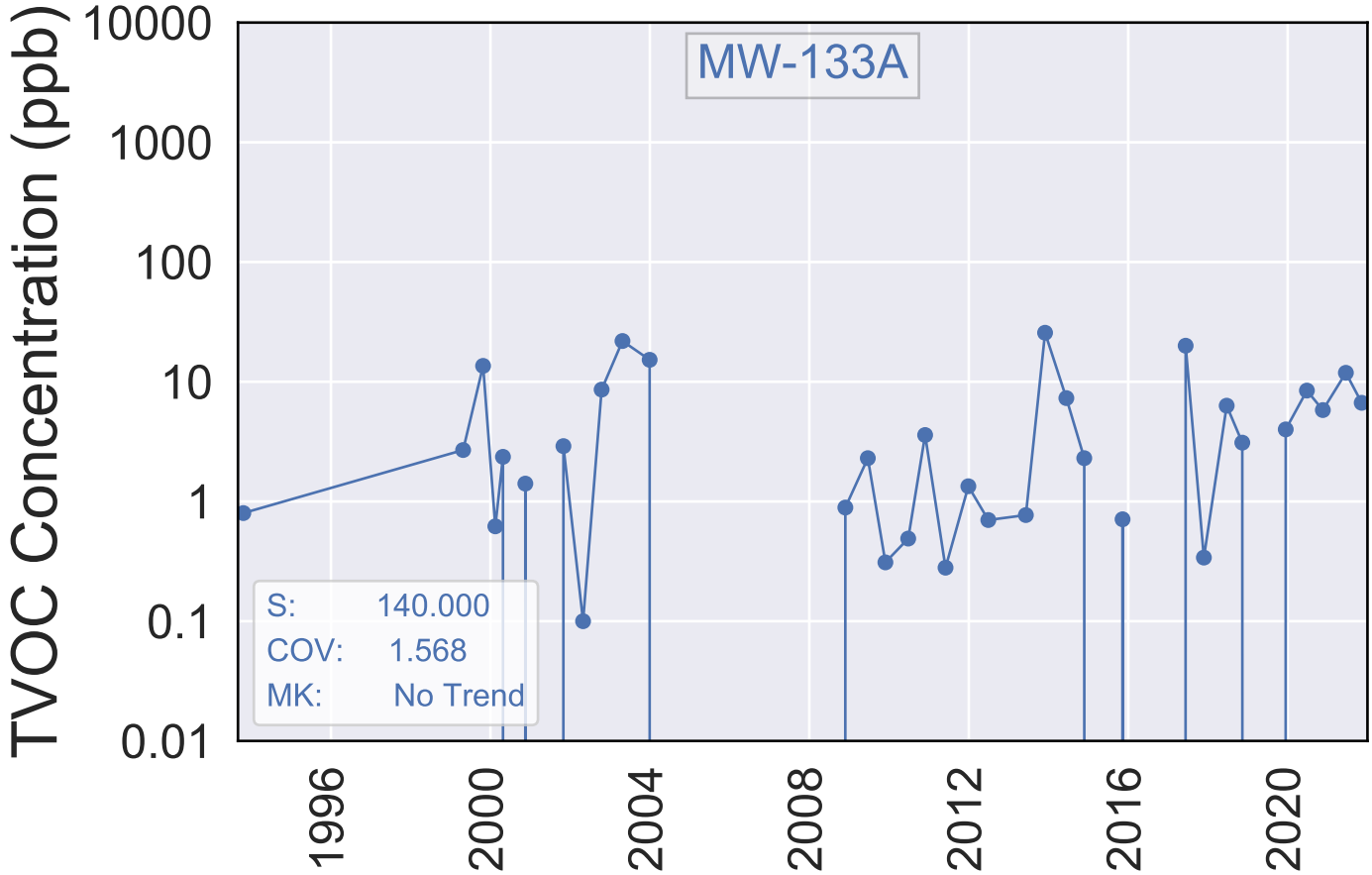

MW-117D
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: -853.000
COV: 0.681
MK: Decreasing
1996
2000
2004
2008
2012
2016
2020

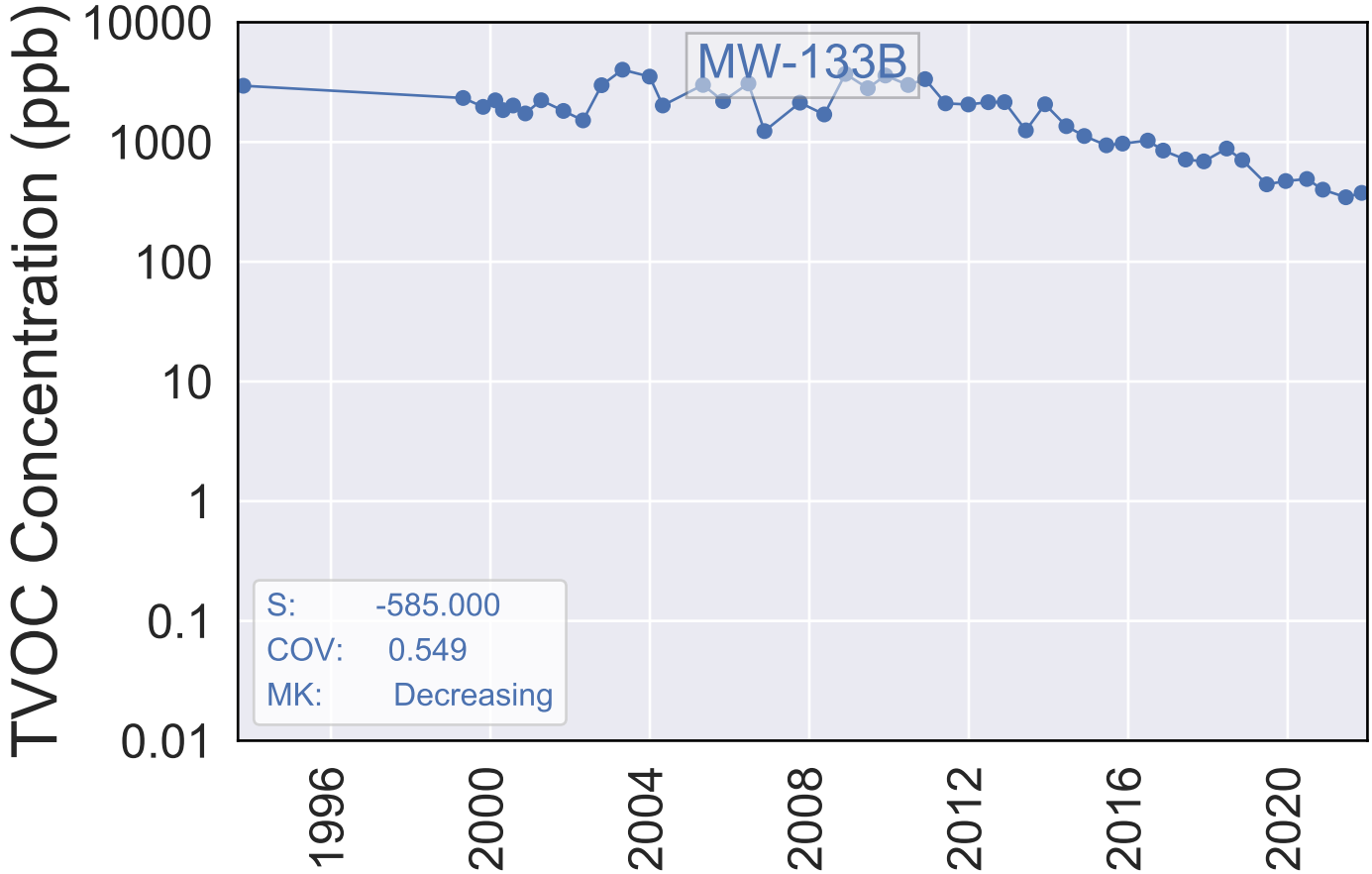

MW-119
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: 252.000
COV: 1.011
MK: Increasing
1996
2000
2004
2008
2012
2016
2020

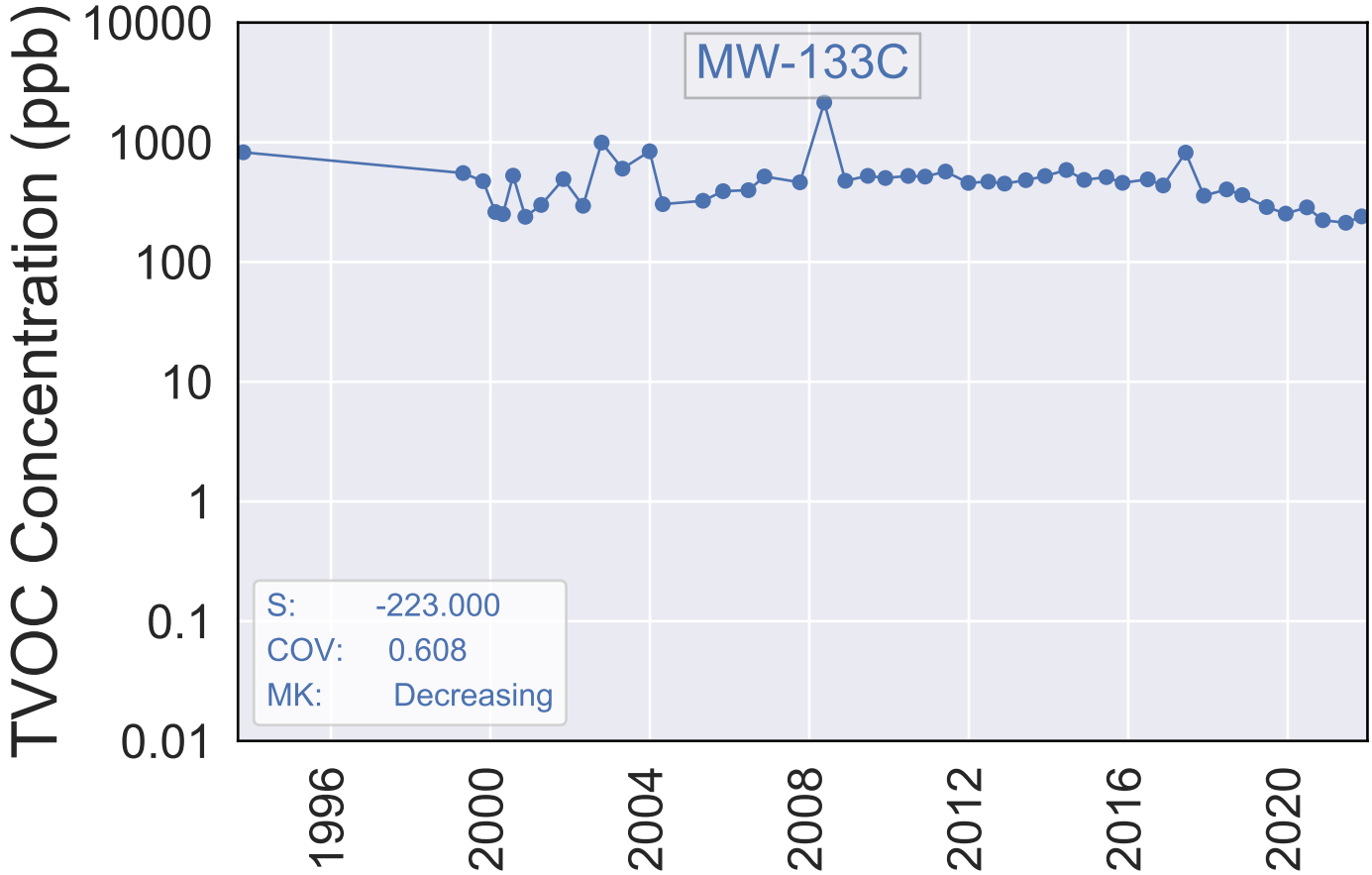

MW-121
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: 510.000
COV: 0.739
MK: Increasing
1996
2000
2004
2008
2012
2016
2020

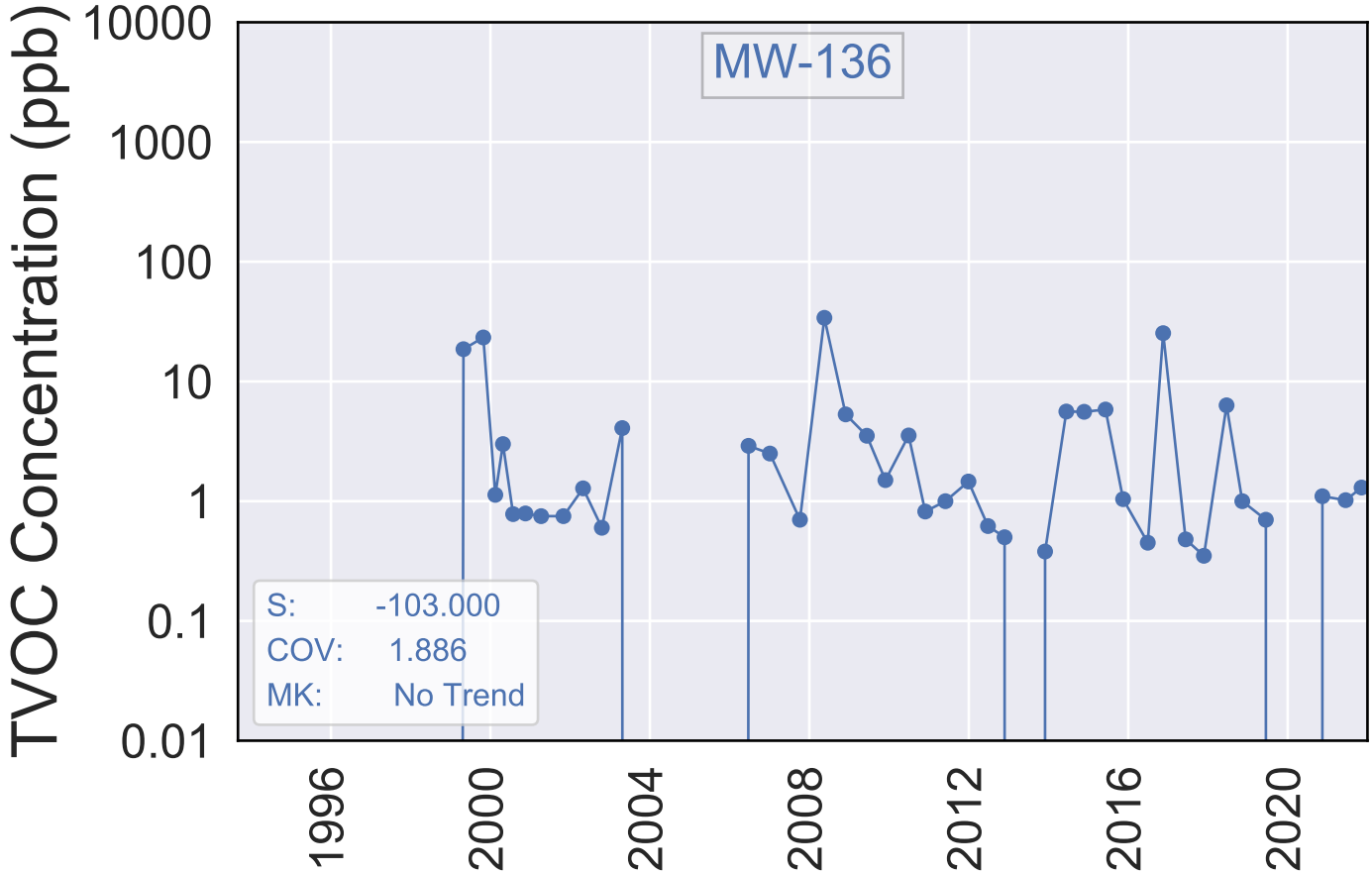

MW-124
S: -730.000
COV: 0.939
MK: Decreasing
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
1996
2000
2004
2008
2012
2016
2020

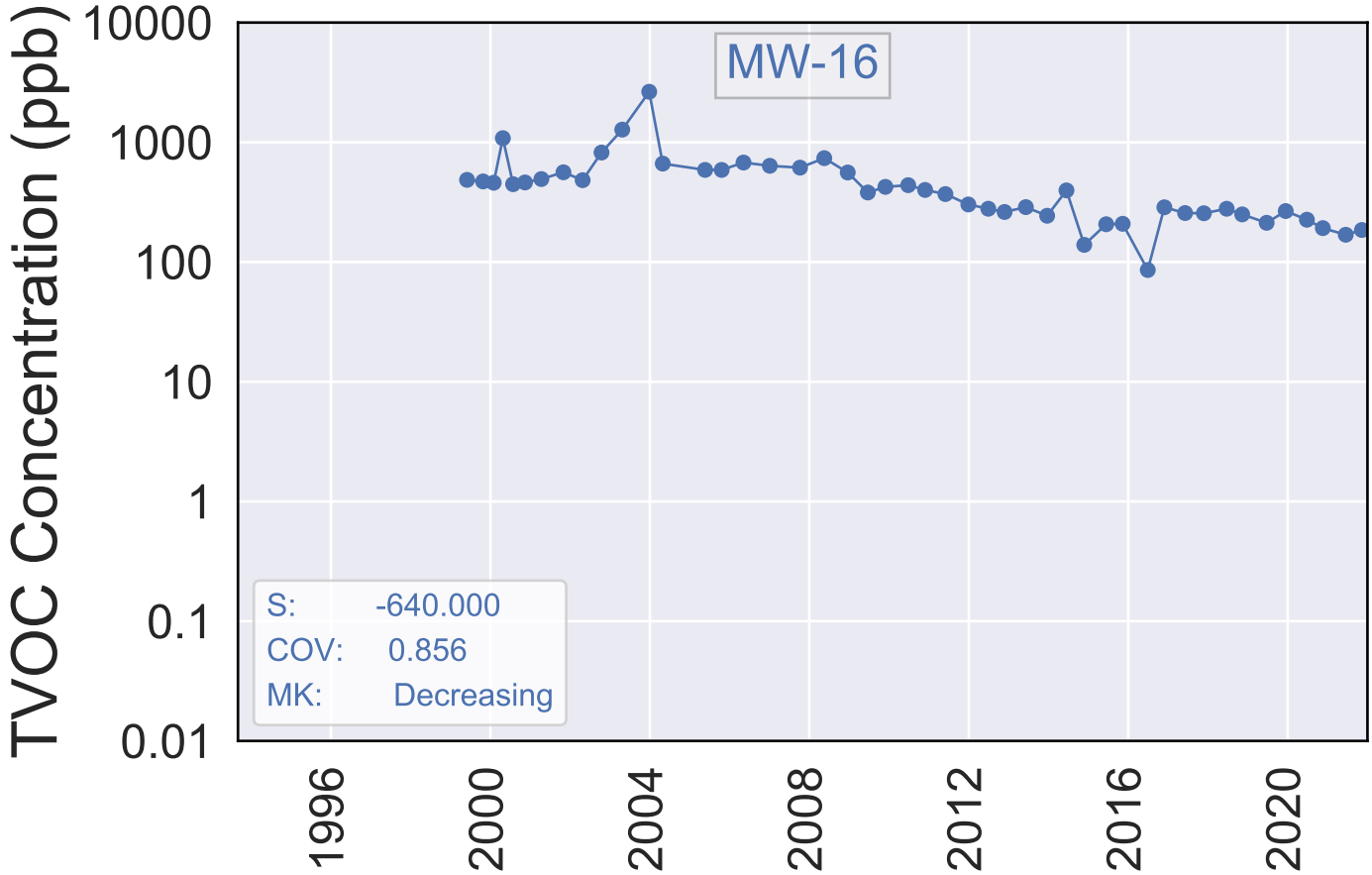

MW-130
S: -799.000
COV: 1.309
MK: Decreasing
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
1996
2000
2004
2008
2012
2016
2020

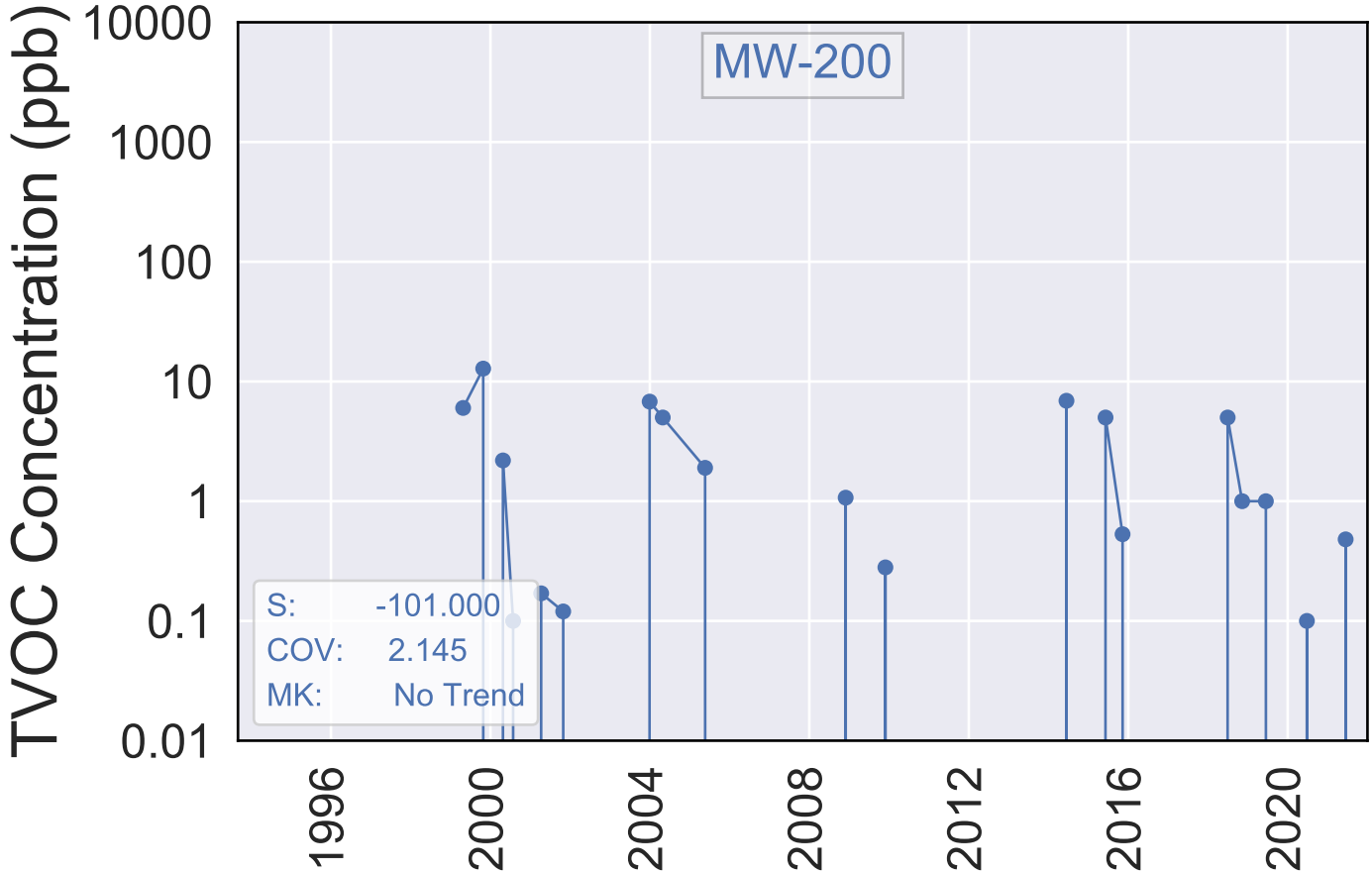

MW-133A
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: 140.000
COV: 1.568
MK: No Trend
1996
2000
2004
2008
2012
2016
2020

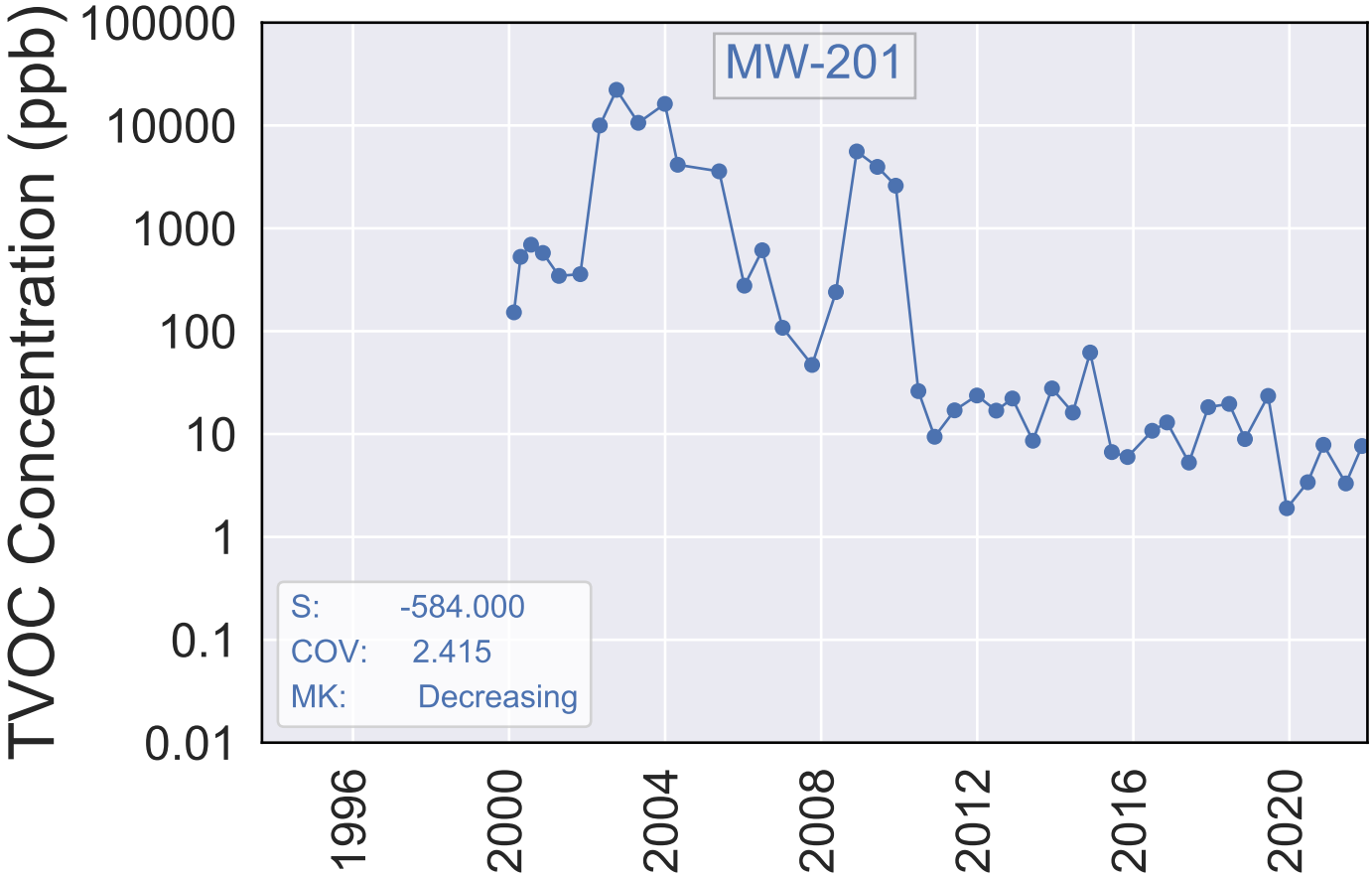

MW-133B
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: -585.000
COV: 0.549
MK: Decreasing
1996
2000
2004
2008
2012
2016
2020

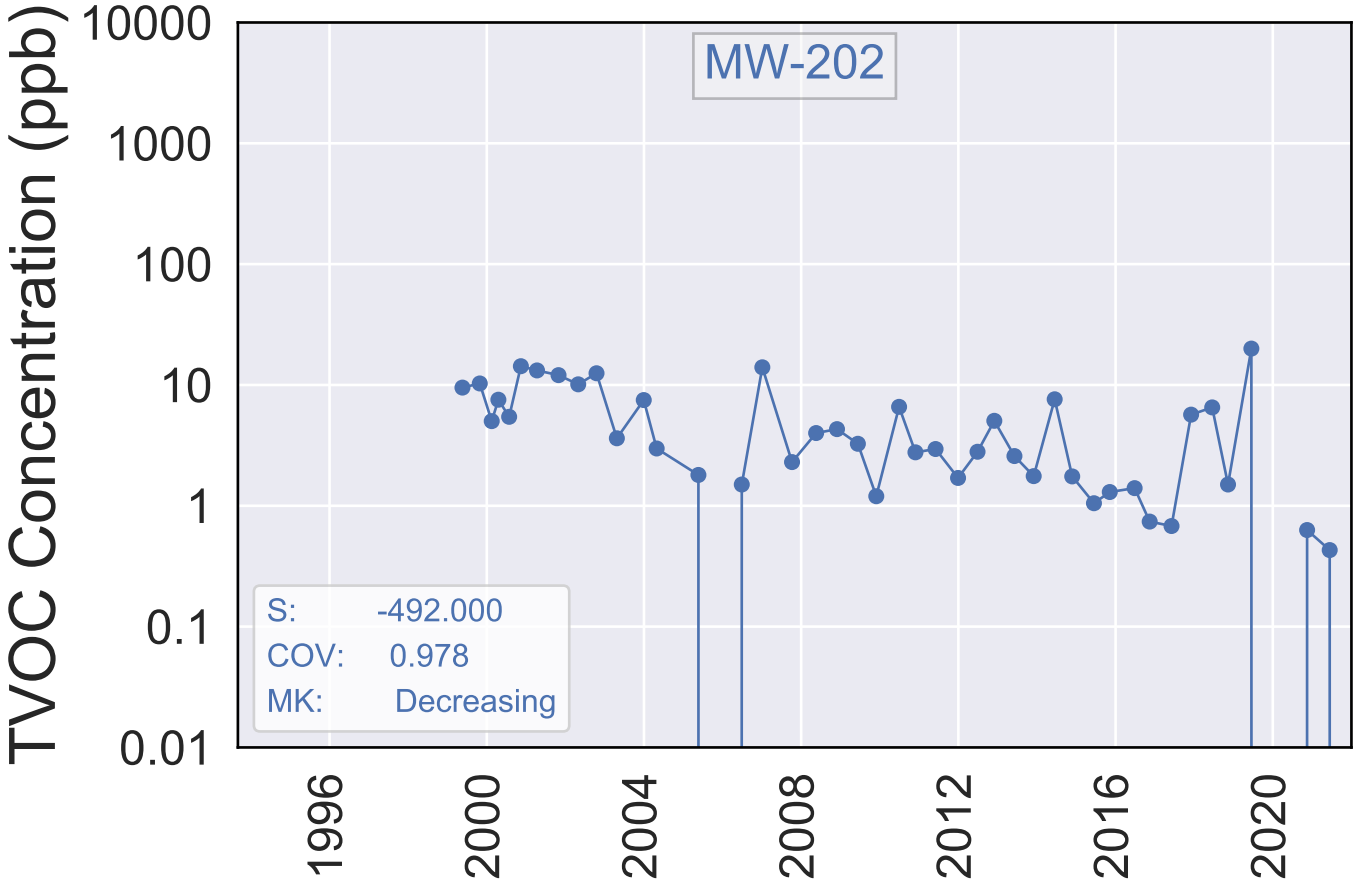

MW-133C
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: -223.000
COV: 0.608
MK: Decreasing
1996
2000
2004
2008
2012
2016
2020

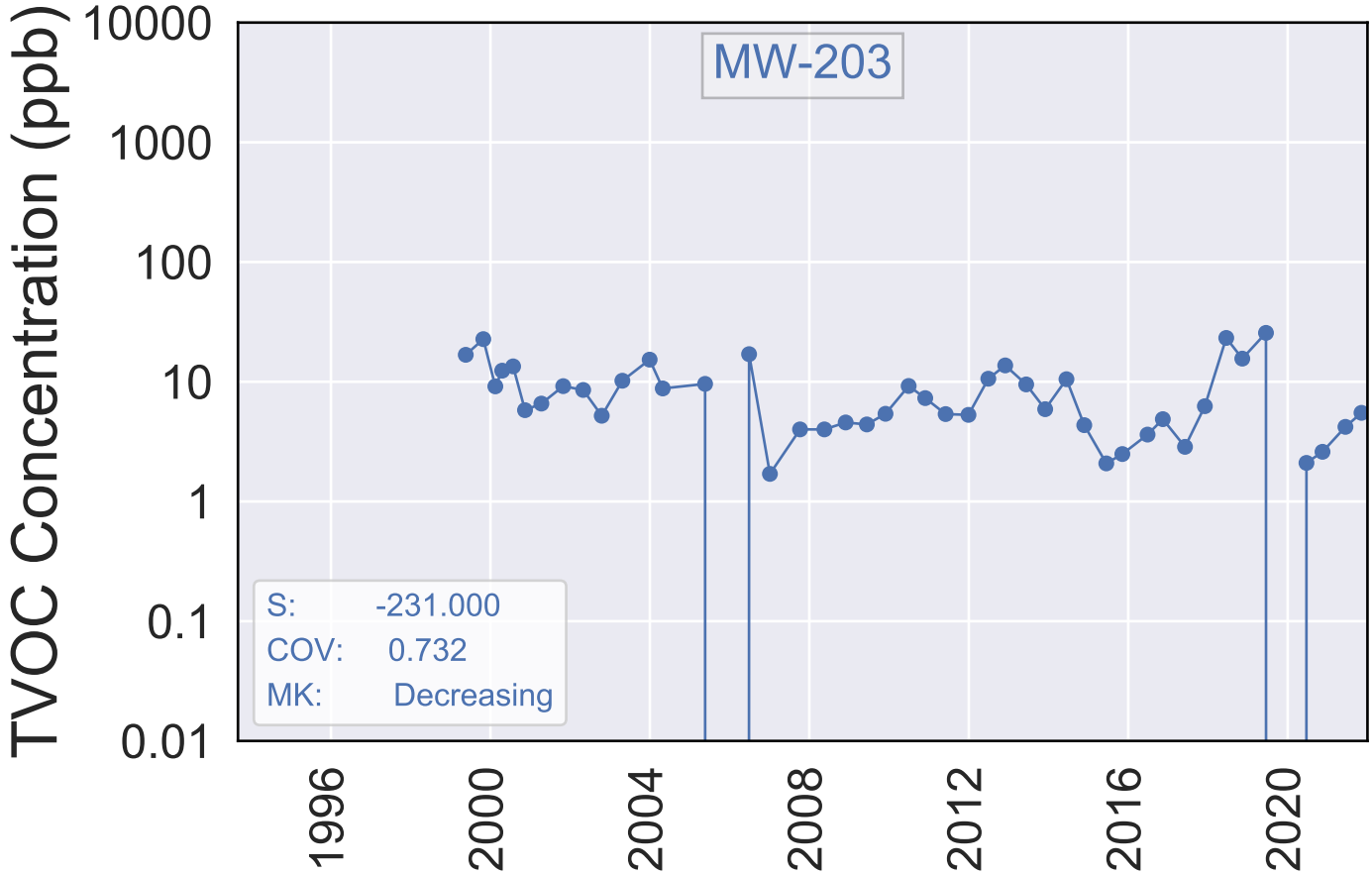

MW-136
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: -103.000
COV: 1.886
MK: No Trend
1996
2000
2004
2008
2012
2016
2020

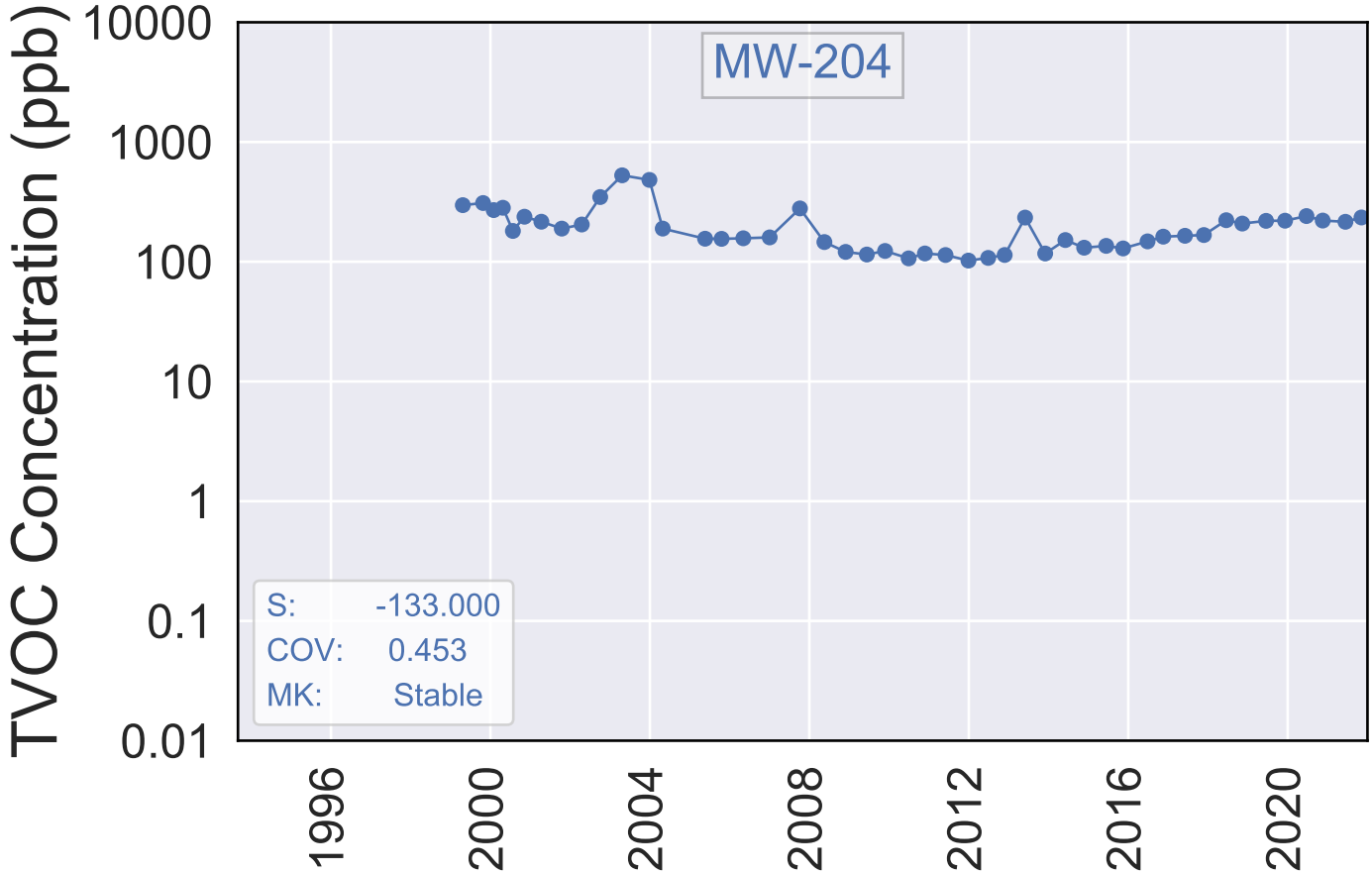

MW-16
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: -640.000
COV: 0.856
MK: Decreasing
1996
2000
2004
2008
2012
2016
2020

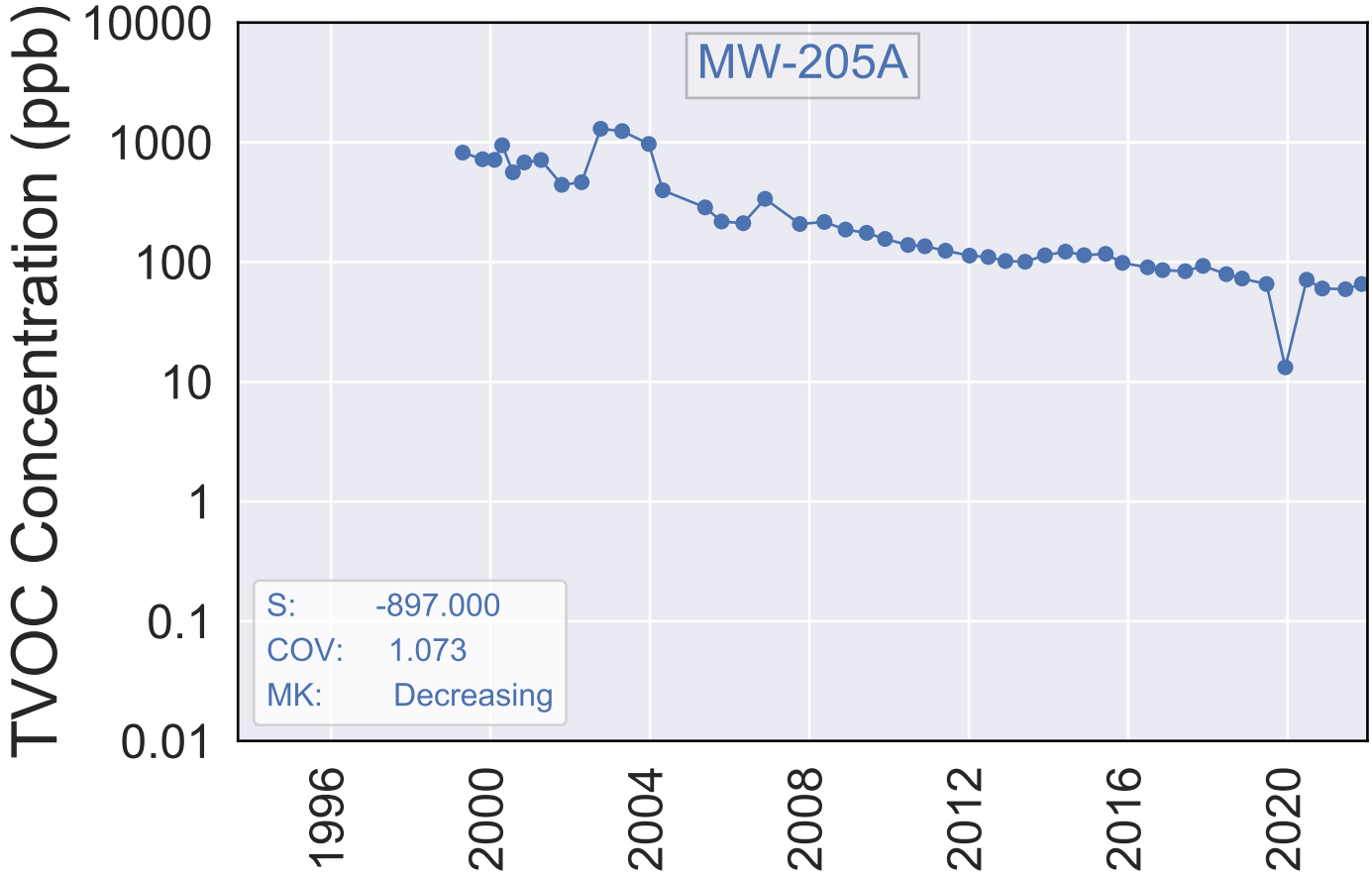

MW-200
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: -101.000
COV: 2.145
MK: No Trend
1996
2000
2004
2008
2012
2016
2020

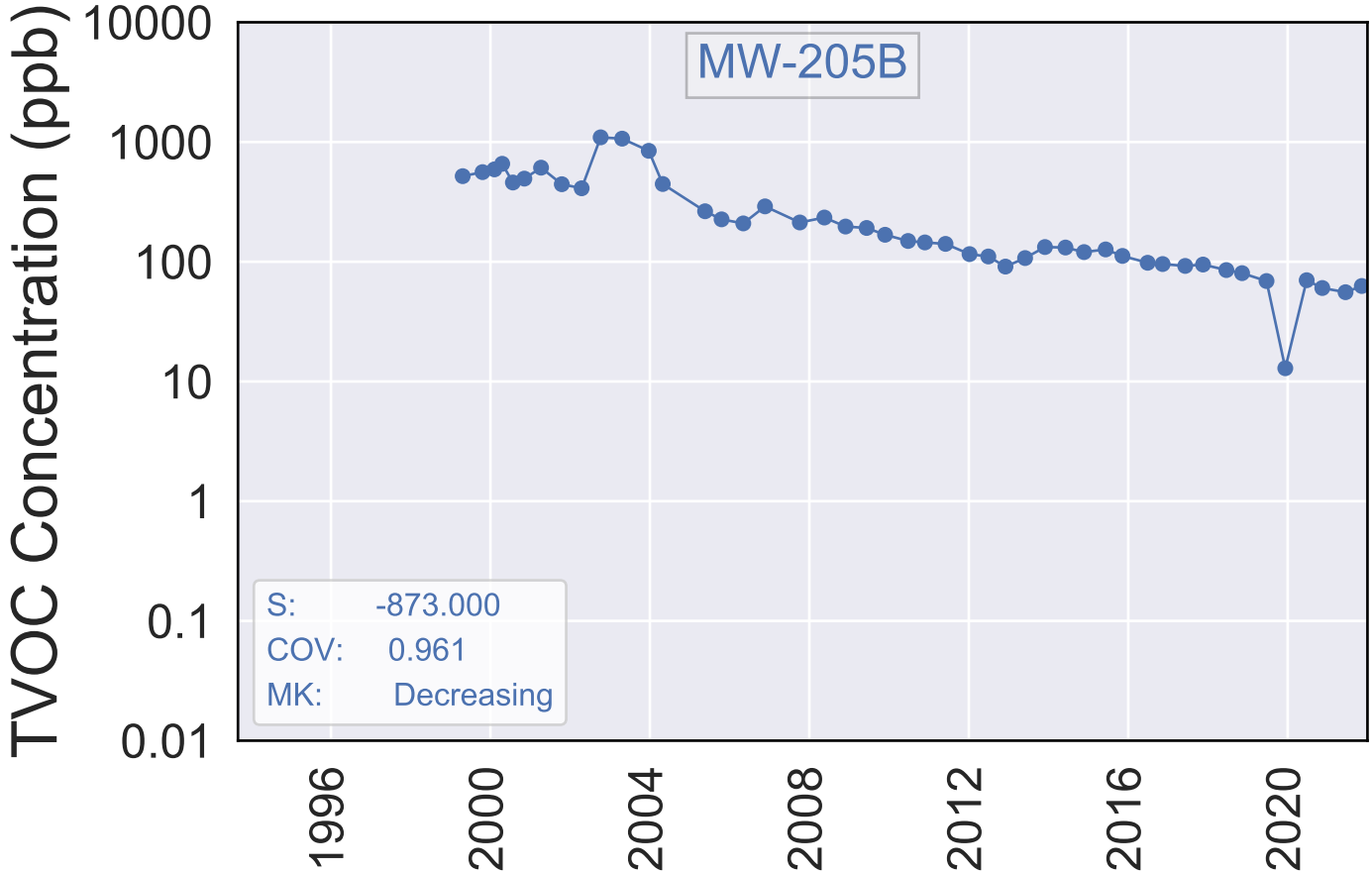

MW-201
TVOC Concentration (ppb)
100000
10000
1000
100
10
1
0.1
0.01
S: -584.000
COV: 2.415
MK: Decreasing
1996
2000
2004
2008
2012
2016
2020

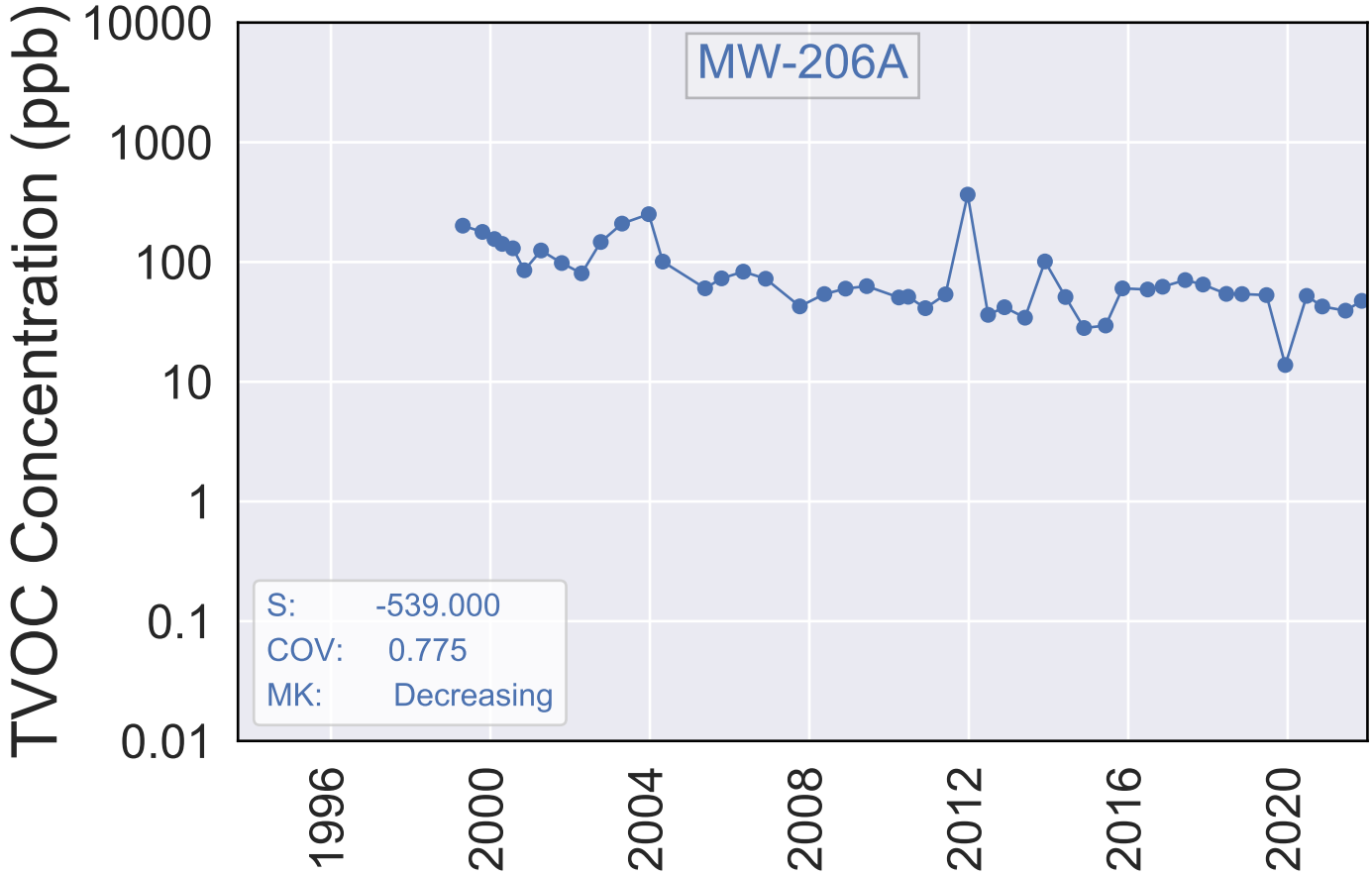

MW-202
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: -492.000
COV: 0.978
MK: Decreasing
1996
2000
2004
2008
2012
2016
2020

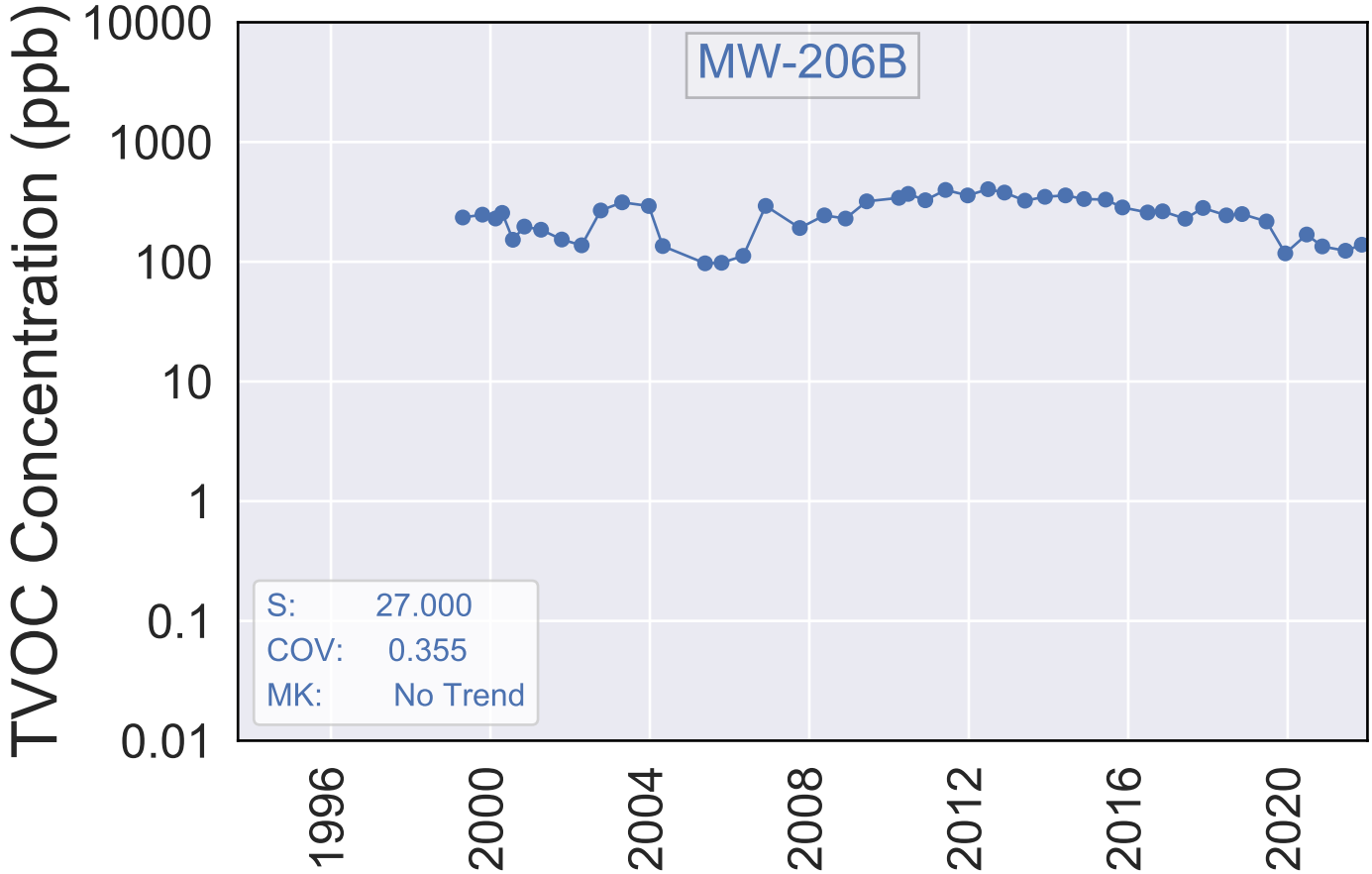

MW-203
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: -231.000
COV: 0.732
MK: Decreasing
1996
2000
2004
2008
2012
2016
2020

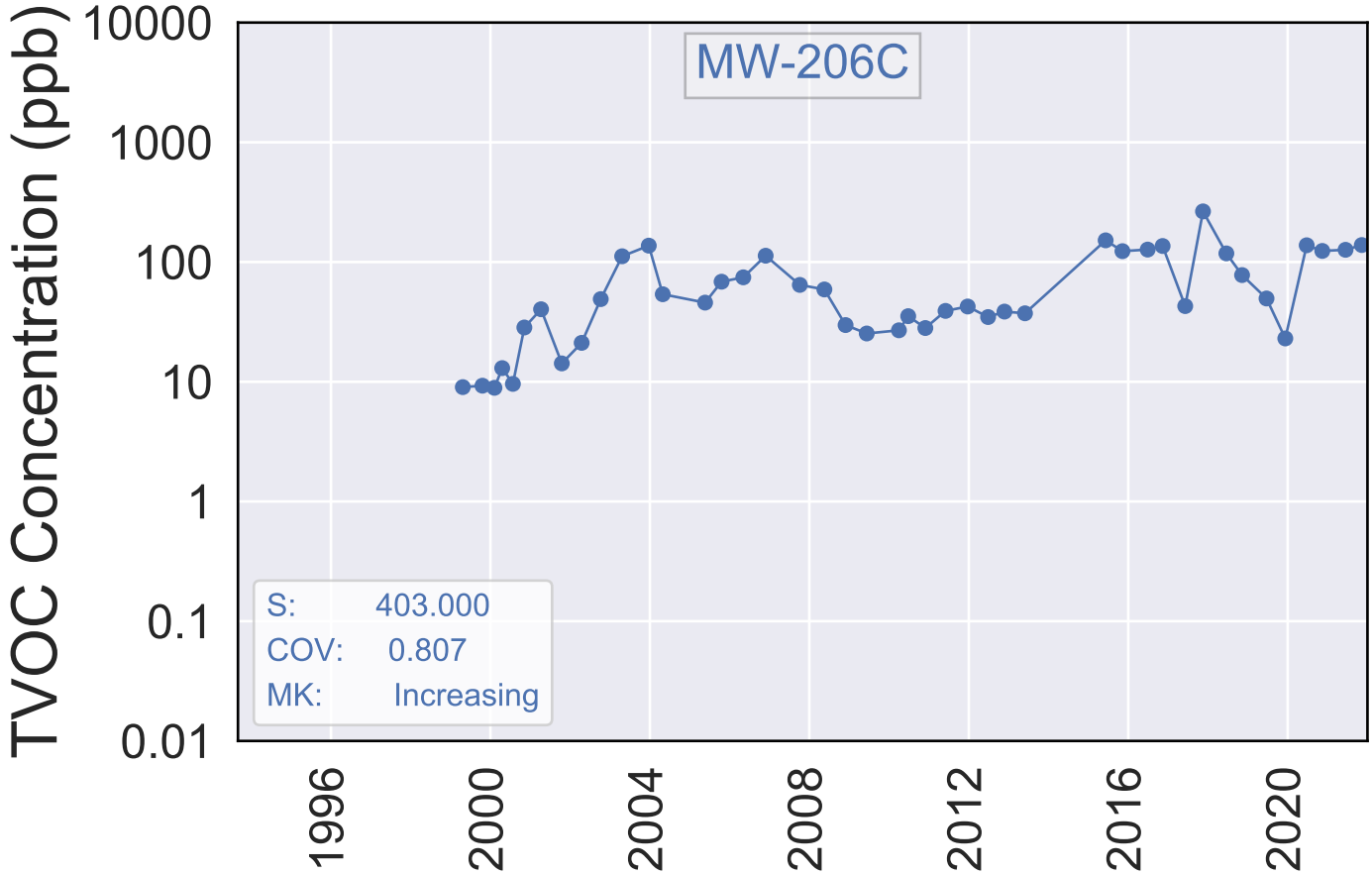

MW-204
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: -133.000
COV: 0.453
MK: Stable
1996
2000
2004
2008
2012
2016
2020

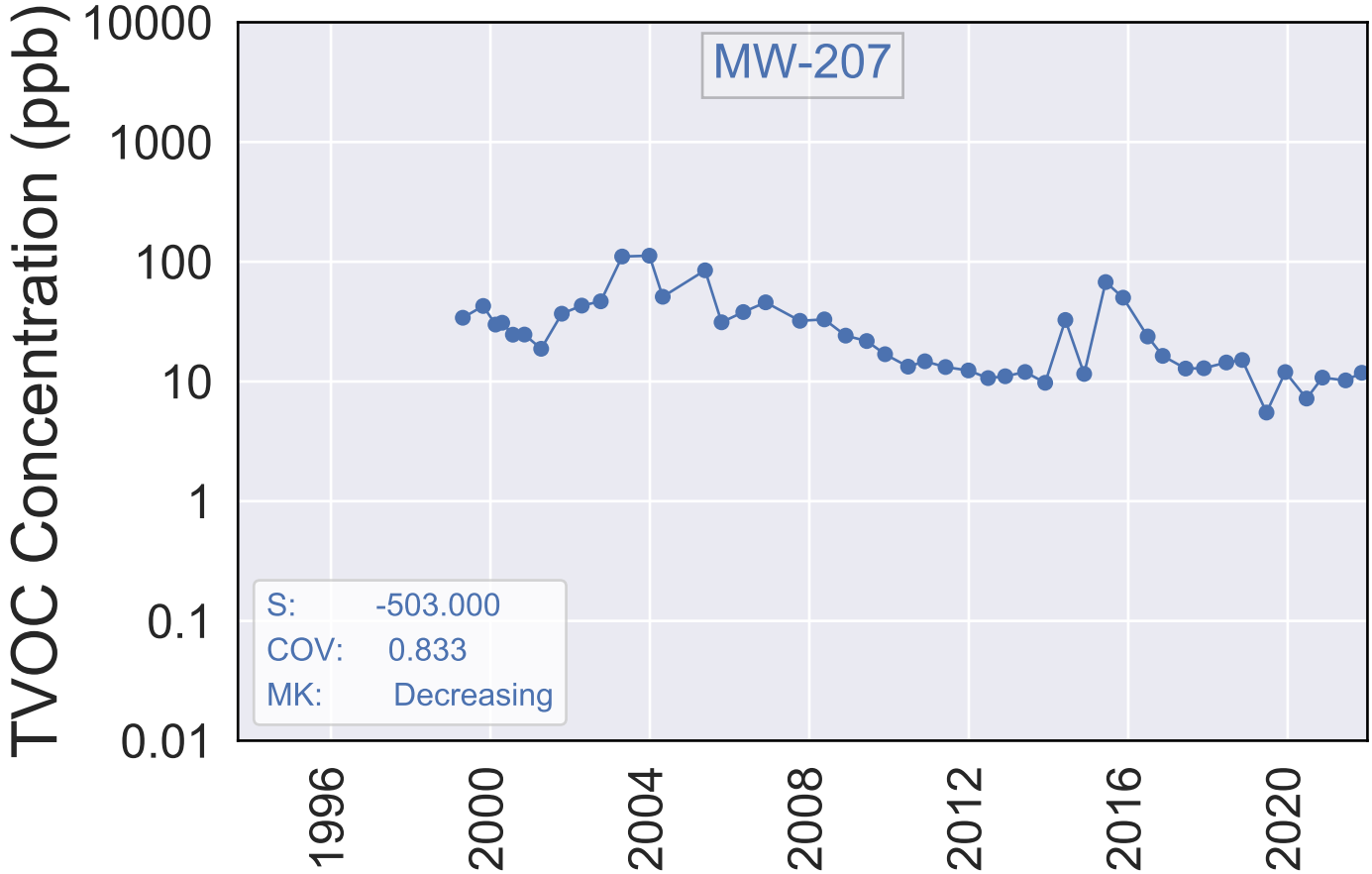

MW-205A
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: -897.000
COV: 1.073
MK: Decreasing
1996
2000
2004
2008
2012
2016
2020

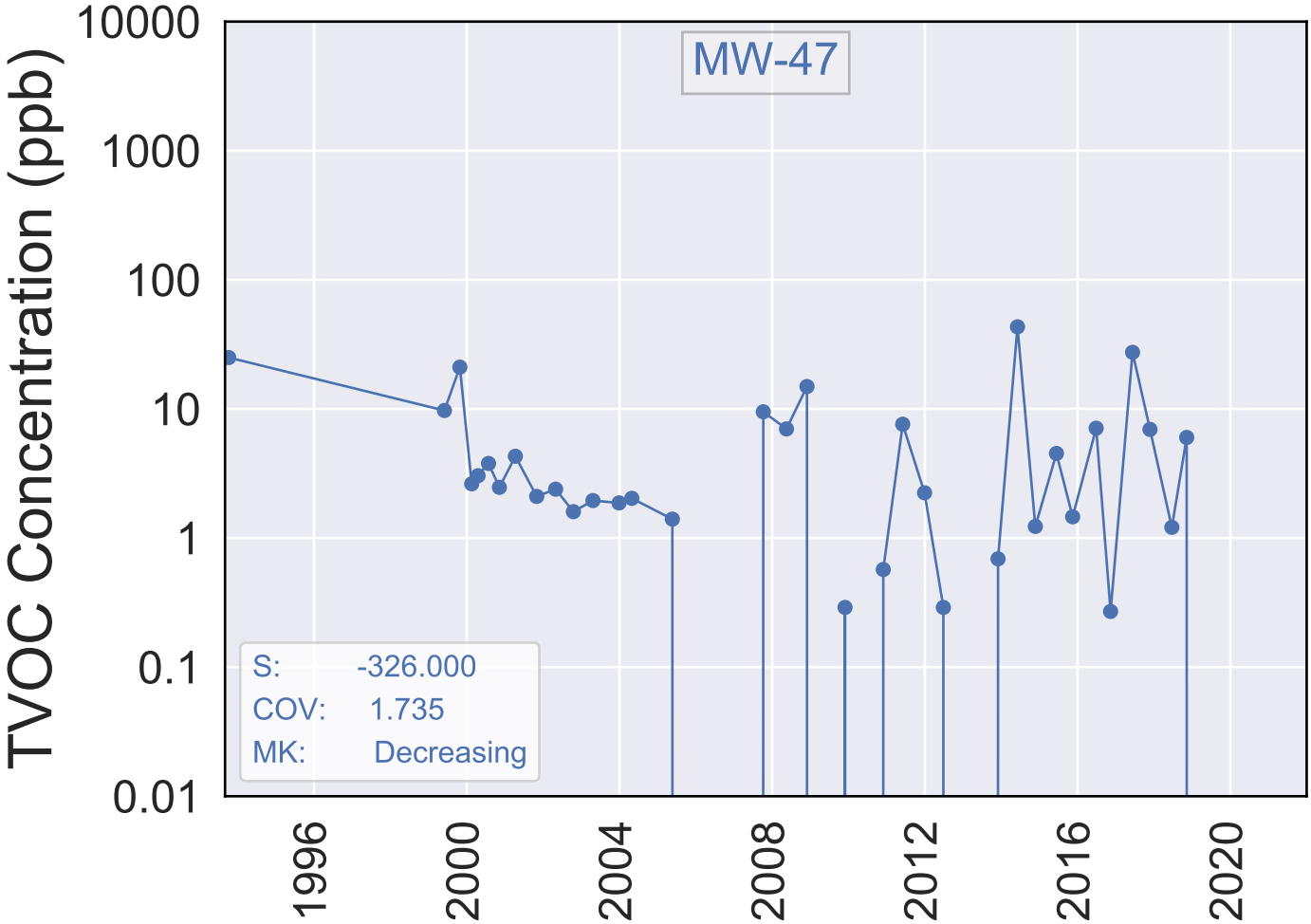

MW-205B
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: -873.000
COV: 0.961
MK: Decreasing
1996
2000
2004
2008
2012
2016
2020


MW-206A
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: -539.000
COV: 0.775
MK: Decreasing
1996
2000
2004
2008
2012
2016
2020


MW-206B
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: 27.000
COV: 0.355
MK: No Trend
1996
2000
2004
2008
2012
2016
2020


MW-206C
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: 403.000
COV: 0.807
MK: Increasing
1996
2000
2004
2008
2012
2016
2020


MW-207
TVOC Concentration (ppb)
10000
1000
100
10
1
0.1
0.01
S: -503.000
COV: 0.833
MK: Decreasing
1996
2000
2004
2008
2012
2016
2020



The Mann-Kendall statistic (S) measures the trend in the data. Positive values indicate an increase in constituent concentrations over time, whereas negative values indicate a decrease in constituent concentrations over time.

The Coefficient of Variation (COV) is a statistical measure of how the individual data points vary about the mean value. The coefficient of variation, defined as the standard deviation divided by the average.

TABLES

Table 1A. Summary of Existing COC Analytical Results (November 2021)

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
CleanUpStandard			200	NA	7	5	NA	70	5	5	100	5	2
MW-16	11/11/2021	O	**76.6**	**57.2**	**12.6**	<1	<1	**4.6**	<5	**11.9**	**1.6**	**19.1**	<1
MW-47	11/10/2021	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-101A	11/8/2021	O	**454**	**249**	**63.8**	<1	**1.5**	**105**	<5	**53.3**	**10.6**	**74.1**	<1
MW-101B	11/8/2021	O	**259**	**101**	**19.7**	<1	**0.11 J**	**7.9**	<5	**19.5**	**3.1**	**16.1**	<1
MW-101C	11/8/2021	O	**244**	**101**	**18.4**	<1	<1	**7.9**	<5	**14.9**	**3.2**	**10.4**	<1
MW-101D	11/11/2021	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-102A	11/11/2021	O	**7.6**	**15.8**	<1	<1	<1	**13.2**	<5	<1	**0.9 J**	**3**	<1
MW-102B	11/11/2021	O	<1	<1	<1	<1	<1	**1.3**	<5	<1	<1	<1	**1.9**
MW-102C	11/11/2021	O	**14**	**15.8**	**2.4**	<1	<1	**5.2**	<5	<1	<1	**0.6 J**	**0.82 J**
MW-113A	11/9/2021	O	**80.8**	**91.8**	**4.6**	<1	<1	**7.5**	<5	**14.3**	**1.9**	**22.6**	<1
MW-113B	11/9/2021	O	**8.4**	**57.7**	**12.2**	<1	<1	**24.4**	<5	**2.3**	**1.2**	**15.7**	**4.9**
MW-114A	11/11/2021	O	**29.8**	**8.5**	**4.8**	<1	<1	**4.1**	<5	<1	<1	**1.7**	<1
MW-114B	11/11/2021	O	<1	**1.8**	<1	<1	<1	**0.79 J**	<5	<1	<1	**2.4**	<1
MW-114B	11/11/2021	DUP	<1	**1.7**	<1	<1	<1	**0.8 J**	<5	<1	<1	**2.4**	<1
MW-117B	11/10/2021	O	**16.1**	**8.6**	**4.1**	<1	<1	**0.73 J**	<5	**11.4**	<1	**6.3**	<1
MW-117C	11/10/2021	O	**12.1**	**13.4**	**4.4**	<1	<1	**1**	<5	**7.7**	<1	**4.5**	<1
MW-117D	11/10/2021	O	**17.5**	**13**	**5**	<1	<1	**0.93 J**	<5	**9.9**	<1	**5.5**	<1
MW-119	11/10/2021	O	**2.2**	**1.6**	<1	<1	<1	<1	<5	<1	<1	**0.63 J**	<1
MW-121	11/7/2021	O	**50.7**	**112**	**72.7**	<1	**0.17 J**	**6.3**	<5	**1.5**	**1.1**	**42.9**	<1
MW-124	11/7/2021	O	**24.5**	**22.4**	**4.7**	<1	<1	**12.6**	<5	**8.1**	**0.34 J**	**3**	**1.2**
MW-130	11/9/2021	O	**3.1**	**3.4**	<1	<1	<1	**0.48 J**	<5	**0.46 J**	<1	**0.65 J**	<1
MW-133A	11/9/2021	O	**3.3**	**2.3**	<1	<1	<1	**0.54 J**	<5	<1	<1	**0.53 J**	<1
MW-133B	11/9/2021	O	**204**	**76**	**16.3**	<1	**0.34 J**	**19.4**	<5	**38.1**	**2.9**	**18.1**	<1
MW-133C	11/9/2021	O	**74.4**	**35.6**	**31.9**	<1	**2.1**	**32.3**	<5	**17**	**1.3**	**45.3**	<1
MW-136	11/8/2021	O	<1	<1	<1	<1	**1.3**	<1	<5	<1	<1	<1	<1
MW-200	11/8/2021	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-200	11/8/2021	DUP	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-201	11/11/2021	O	**0.82 J**	<1	<1	<1	<1	<1	<5	**1.9**	<1	**0.53 J**	<1
MW-202	11/7/2021	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-203	11/7/2021	O	<1	<1	<1	<1	<1	<1	<5	**5.5**	<1	<1	<1
MW-204	11/7/2021	O	**33.1**	**63.3**	**40**	<1	<1	**14.7**	<5	**6.4**	**0.86 J**	**75.9**	<1
MW-205A	11/10/2021	O	**18**	**18.8**	**6.6**	<1	<1	**1.2**	<5	**12.8**	<1	**6.2**	<1
MW-205B	11/10/2021	O	**17.7**	**18.5**	**6.9**	<1	<1	**0.92 J**	<5	**12.4**	<1	**6.3**	<1
MW-206A	11/10/2021	O	**12.6**	**11.5**	**3.4**	<1	<1	**1.4**	<5	**8.6**	<1	**5.2**	**0.48 J**
MW-206B	11/10/2021	O	**25.6**	**30.5**	**22.1**	<1	<1	**18.1**	<5	**21.6**	<1	**17.4**	<1
MW-206C	11/10/2021	O	<1	**37.8**	**15.4**	<1	<1	**55.2**	<5	**0.33 J**	<1	**7.6**	**21.1**
MW-207	11/10/2021	O	**3**	**2.2**	**0.46 J**	<1	<1	**0.66 J**	<5	**1.9**	<1	**2.2**	<1

NOTES:

O: Original Sample

DUP: Duplicate sample

J: Analytes detected between the reporting limit and the method detection limit, indicating an estimated value

Bold: Analyte was detected above the reporting limit

Results reported in micrograms per liter (ug/l)

Blue shading = concentrations over the Clean Up Standard

<# = not detected above reporting limit (# ug/l)

NA = not applicable

Table 1B. Summary of 1,4-Dioxane Analytical Results (November 2021)

Analyte	Date Sampled	Sample	1,4-Dioxane
Units			ug/l
Illinois Groundwater Quality Standard			7.7
MW-16	11/11/2021	O	**20**
MW-47	11/10/2021	O	**0.09 J**
MW-101A	11/8/2021	O	**35**
MW-101B	11/8/2021	O	**27**
MW-101C	11/8/2021	O	**23**
MW-101D	11/11/2021	O	**0.18 J**
MW-102A	11/11/2021	O	**12**
MW-102B	11/11/2021	O	**160**
MW-102C	11/11/2021	O	**9.6**
MW-113A	11/9/2021	O	**29**
MW-113B	11/9/2021	O	**66**
MW-114A	11/11/2021	O	**40**
MW-114B	11/11/2021	O	**10**
MW-114B	11/11/2021	DUP	**10**
MW-117B	11/10/2021	O	**5.5**
MW-117C	11/10/2021	O	**7.9**
MW-117D	11/10/2021	O	**8.5**
MW-119	11/10/2021	O	**18**
MW-121	11/7/2021	O	**43**
MW-124	11/7/2021	O	**5.2**
MW-130	11/9/2021	O	**7.1**
MW-133A	11/9/2021	O	**0.71**
MW-133B	11/9/2021	O	**14**
MW-133C	11/9/2021	O	**120**
MW-136	11/8/2021	O	**0.08 J**
MW-200	11/8/2021	O	**0.07 J**
MW-200	11/8/2021	DUP	**0.07 J**
MW-201	11/11/2021	O	**0.93**
MW-202	11/7/2021	O	<0.5
MW-203	11/7/2021	O	<0.5
MW-204	11/7/2021	O	**23**
MW-205A	11/10/2021	O	**7.9**
MW-205B	11/10/2021	O	**7.8**
MW-206A	11/10/2021	O	**6.9**
MW-206B	11/10/2021	O	**23**
MW-206C	11/10/2021	O	**45**
MW-207	11/10/2021	O	**2.3**

NOTES:

O: Original Sample

DUP: Duplicate sample

J: Analytes detected between the reporting limit and the method detection limit, indicating an estimated value

Bold: Analyte was detected above the reporting limit

Results reported in micrograms per liter (ug/l)

Blue shading = concentrations over the Illinois Groundwater Quality Standard

<# = not detected above reporting limit (# ug/l)

Table 1C. Summary of Existing COC Analytical Results (June 2021)

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
CleanUpStandard			200	NA	7	5	NA	70	5	5	100	5	2
MW-16	6/16/2021	O	**68.2**	**53.4**	**8.9**	<1	**0.11 J**	**4.4**	<5	**10.2**	**1.4**	**17.5**	<1
MW-47	6/15/2021	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-101A	6/16/2021	O	**262**	**139**	**25.7**	<1	**2.1**	**69.5**	<5	**24.9**	**5.6**	**33.4**	<1
MW-101B	6/16/2021	O	**281**	**98.8**	**17.5**	<1	<1	**7**	<5	<1	**2.8**	**15.9**	<1
MW-101C	6/16/2021	O	**260**	**93.9**	**15.1**	<1	**0.35 J**	**7.2**	<5	**12.8**	**2.8**	**9.2**	<1
MW-101D	6/16/2021	O	**12.5**	**5.1**	**1**	<1	<1	**0.52 J**	<5	**0.9 J**	<1	**1 J**	<1
MW-102A	6/16/2021	O	**13.3**	**27.3**	**0.29 J**	<1	<1	**20.5**	<5	<1	**1.6**	**4.3**	<1
MW-102B	6/16/2021	O	<1	**2.9**	<1	<1	<1	**3.8**	<5	<1	<1	<1	**6.9**
MW-102C	6/16/2021	O	**93**	**115**	**19.6**	<1	<1	**44.7**	<5	**3.4**	**2.7**	**9.7**	<1
MW-113A	6/17/2021	O	**63.1**	**77.2**	**12.7**	<1	**0.6 J**	**5.9**	<5	**12.2**	**2.1**	**21.5**	<1
MW-113B	6/17/2021	O	**9**	**57**	**11.3**	<1	<1	**23.3**	<5	**2**	**1.3**	**15.6**	**5.1**
MW-114A	6/16/2021	O	**9.2**	**4.7**	**1.9**	<1	<1	**2.2**	<5	<1	<1	**0.71 J**	<1
MW-114B	6/16/2021	O	<1	**1.9**	**0.36 J**	<1	<1	**0.89 J**	<5	<1	<1	**2.1**	<1
MW-114B	6/16/2021	DUP	<1	**1.8**	**0.39 J**	<1	<1	**0.93 J**	<5	<1	<1	**3.2**	<1
MW-117B	6/14/2021	O	**18.7**	**10.3**	**4.6**	<1	<1	**0.94 J**	<5	**10.8**	<1	**6.3**	<1
MW-117C	6/14/2021	O	**8.2**	**11.5**	**2.8**	<1	<1	**0.95 J**	<5	**4.9**	<1	**2.8**	<1
MW-117D	6/14/2021	O	**16.1**	**14.3**	**4.6**	<1	<1	**0.92 J**	<5	**9.8**	<1	**5.4**	<1
MW-119	6/15/2021	O	**2**	**1.2**	<1	<1	<1	**0.37 J**	<5	<1	<1	**1.1**	<1
MW-121	6/13/2021	O	**46.2**	**104**	**39.6**	<1	**0.6 J**	**5.7**	<5	**1.3**	**1**	**39.2**	<1
MW-124	6/13/2021	O	**22.7**	**25.1**	**4.6**	<1	<1	**13.2**	<5	**7**	**0.53 J**	**2.8**	**2.1**
MW-124	6/13/2021	DUP	**22.2**	**26.2**	**4.5**	<1	<1	**13.3**	<5	**6.5**	**0.49 J**	**2.7**	**2.2**
MW-130	6/15/2021	O	**2.6**	**3.2**	<1	<1	<1	**0.44 J**	<5	**0.32 J**	<1	**1.2**	<1
MW-133A	6/17/2021	O	**5.1**	**4.7**	**0.78 J**	<1	<1	**1.3**	<5	<1	<1	<1	<1
MW-133B	6/17/2021	O	**176**	**70.9**	**23.4**	<1	**1.2**	**18.3**	<5	**35**	**2.9**	**16.9**	<1
MW-133C	6/17/2021	O	**65.9**	**34.7**	**26.3**	<1	**2.3**	**26.8**	<5	**15.3**	**1.2**	**39.6**	<1
MW-136	6/15/2021	O	<1	<1	<1	<1	**0.55 J**	<1	<5	<1	<1	**0.47 J**	<1
MW-200	6/15/2021	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	**0.48 J**	<1
MW-201	6/13/2021	O	**1**	<1	<1	<1	<1	<1	<5	**1.8**	<1	**0.51 J**	<1
MW-202	6/13/2021	O	<1	<1	<1	<1	<1	<1	<5	**0.43 J**	<1	<1	<1
MW-203	6/13/2021	O	<1	<1	<1	<1	<1	<1	<5	**4.2**	<1	<1	<1
MW-204	6/13/2021	O	**31.9**	**56.1**	**35.2**	<1	**0.39 J**	**14.1**	<5	**3.9**	**0.89 J**	**73.1**	<1
MW-205A	6/14/2021	O	**16**	**18.7**	**5.6**	<1	<1	**1.2**	<5	**12.1**	<1	**5.7**	<1
MW-205B	6/14/2021	O	**15**	**16.9**	**5.2**	<1	<1	**0.97 J**	<5	**12**	<1	**5.6**	<1
MW-206A	6/14/2021	O	**12.4**	**9.3**	**3.3**	<1	<1	**1.3**	<5	**7.2**	<1	**5.1**	**0.63 J**
MW-206B	6/14/2021	O	**23.7**	**25.4**	**21.7**	<1	<1	**16.8**	<5	**19.5**	<1	**16**	<1
MW-206C	6/14/2021	O	<1	**34.9**	**14.5**	<1	<1	**50.3**	<5	**0.5 J**	<1	**8.2**	**16.9**
MW-207	6/15/2021	O	**2.8**	**2.3**	**0.47 J**	<1	<1	**0.64 J**	<5	**1.8**	<1	**2.2**	<1

NOTES:

O: Original Sample

DUP: Duplicate sample

J: Analytes detected between the reporting limit and the method detection limit, indicating an estimated value

Bold: Analyte was detected above the reporting limit

Results reported in micrograms per liter (ug/l)

Blue shading = concentrations over the Clean Up Standard

<# = not detected above reporting limit (# ug/l)

NA = not applicable

Table 1D. Summary of 1,4-Dioxane Analytical Results (June 2021)

Analyte	Date Sampled	Sample	1,4-Dioxane
Units			ug/l
Illinois Groundwater Quality Standard			7.7
MW-16	6/16/2021	O	**21**
MW-47	6/15/2021	O	**0.28 J**
MW-101A	6/16/2021	O	**26**
MW-101B	6/16/2021	O	**27**
MW-101C	6/16/2021	O	**22**
MW-101D	6/16/2021	O	**2**
MW-102A	6/16/2021	O	**18**
MW-102B	6/16/2021	O	**170**
MW-102C	6/16/2021	O	**30**
MW-113A	6/17/2021	O	**30**
MW-113B	6/17/2021	O	**70**
MW-114A	6/16/2021	O	**31**
MW-114B	6/16/2021	O	**10**
MW-114B	6/16/2021	DUP	**10**
MW-117B	6/14/2021	O	**5.4**
MW-117C	6/14/2021	O	**7.2**
MW-117D	6/14/2021	O	**8.5**
MW-119	6/15/2021	O	**3.5**
MW-121	6/13/2021	O	**55**
MW-124	6/13/2021	O	**5**
MW-124	6/13/2021	DUP	**5**
MW-130	6/15/2021	O	**6.3**
MW-133A	6/17/2021	O	**1.4**
MW-133B	6/17/2021	O	**14**
MW-133C	6/17/2021	O	**130**
MW-136	6/15/2021	O	<0.5
MW-200	6/15/2021	O	<0.5
MW-201	6/13/2021	O	**0.39 J**
MW-202	6/13/2021	O	<0.5
MW-203	6/13/2021	O	<0.5
MW-204	6/13/2021	O	**26**
MW-205A	6/14/2021	O	**7.7**
MW-205B	6/14/2021	O	**7.2**
MW-206A	6/14/2021	O	**4.9**
MW-206B	6/14/2021	O	**23**
MW-206C	6/14/2021	O	**47**
MW-207	6/15/2021	O	**2.4**

NOTES:

O: Original Sample

DUP: Duplicate sample

J: Analytes detected between the reporting limit and the method detection limit, indicating an estimated value

Bold: Analyte was detected above the reporting limit

Results reported in micrograms per liter (ug/l)

Blue shading = concentrations over the Illinois Groundwater Quality Standard

<# = not detected above reporting limit (# ug/l)

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
CleanUpStandard			200	NA	7	5	NA	70	5	5	100	5	2
MW-16	6/1/1999	O	170	76	24	1.2	3	140	2	5.4	1.8	64	<1
MW-16	10/26/1999	O	170	73	23	10	2.3 J	130	20	5.2 J	2.5 J	65	10
MW-16	1/31/2000	O	170	75	2.2 J	10	2.3 J	120	20	5.9 J	16	68	10
MW-16	4/24/2000	O	160	75	2 J	5	2.5 J	130	10	5.3	16	62	2.8
MW-16	7/27/2000	O	160	75	3.8	10	2.7	130	20	5.2	12	58	<10
MW-16	11/13/2000	O	140	87	20	10	2.2	150	20	5	2.8	55	<10
MW-16	4/12/2001	O	180	74	3.1	10	2.3	150	20	5.8	14	64	<10
MW-16	10/31/2001	O	210	88	10	10	2.5	160	20	7.1	22	72	<10
MW-16	4/25/2002	O	150	70	15	10	2.3	170	20	6.6	6.7	62	<10
MW-16	10/15/2002	O	240	130	98	20	20	240	40	20	22	91	<1
MW-16	4/23/2003	O	172	75.6	24.2	1.08	2.51	200	2	9.74	15.7	75.3	1
MW-16	12/26/2003	O	208 E	93.9 E	31.7	1	2.48	209 E	1	9.14	10	77.8 E	1
MW-16	12/26/2003	DUP	182	82.7	30.5	1	2.55	227	1	7.88	10	72.5	1
MW-16	4/28/2004	O	202	100	30.1	20	20	254	40	20	20	77.3	<20
MW-16	5/21/2005	O	160	91	28	1	1.8	230	2	6.5	5.6	65	<1
MW-16	10/20/2005	O	160	91	28	1	1.8	230	2	6.5	5.6	65	<1
MW-16	5/8/2006	O	170	94	27	1	2	290	2	9.1	7.3	78	<1
MW-16	1/4/2007	O	160	94	24	5	5	280	10	5.3	5	63	<5
MW-16	10/8/2007	O	140	100	28	1	2	260	2	8	14	61	<1
MW-16	5/17/2008	O	170	130	39	20	20	320	40	20	20	78	20
MW-16	12/18/2008	O	120	100	2	1 J	1.3 J	240	0.7 J	4.6	35	56	2
MW-16	6/20/2009	O	170	110	<2	<2	1.6 J	39	<2	5.5	6.8	42	<2
MW-16	11/28/2009	O	180	110	7.9	<2	1.6 J	56	0.88 J	6.1	6.9	55	<2
MW-16	6/25/2010	O	200	93	21	0.21 J	1.4	51	<1	8.7	3.8	58	<1
MW-16	11/27/2010	O	180	78	24	<2	1.4 J	45	<2	10	1.6 J	60	<2
MW-16	6/1/2011	O	160	81	19	<1	1.2	40	<1	11	3.2	54	<1
MW-16	12/28/2011	O	130	71	17	<1	1.1	27	<5	11	2.7	42	<1
MW-16	6/28/2012	O	120	72	5.2	<1	1.1	25	<5	11	3.3	41	<1
MW-16	11/24/2012	O	110	68	13	<1	0.9 J	22	<5	10	2.4	35	<1
MW-16	6/7/2013	O	120	75	19	<1	0.89 J	21	<5	12	2.5	37	<1
MW-16	12/19/2013	O	93	73	17	<1	0.8 J	18	<5	9	2.2	30	<1
MW-16	6/14/2014	O	120	98	22	<1	1	18	5	11	2.9	36	<1
MW-16	11/24/2014	O	50	45	8.6	<1	0.62 J	12	<5	4.2	1.1	17	<1
MW-16	6/13/2015	O	75	73	14	<1	0.74 J	13	<5	5.4	2.1	23	<1
MW-16	11/11/2015	O	76	71	12	<1	0.81 J	13	0.76 J	6.7	2.3	26	<1
MW-16	6/28/2016	O	26	33	2.8	<1	0.43 J	9.4	<5	2.3	0.67 J	10	<1
MW-16	11/27/2016	O	97	100	23	<1	0.86 J	13	<5	10	3.1	33	<1
MW-16	6/5/2017	O	89	93	22	<1	0.79 J	11	<5	9.5	2.8	28	<1
MW-16	11/24/2017	O	97.5	83.6	22.3	<1	0.84 J	10.2	<1	9	2.9	28.7	<1
MW-16	6/21/2018	O	116	88.4	15.9	<1	0.82 J	11	<1	10.7	2.7	31.6	<1
MW-16	11/10/2018	O	111	70.9	16	<1	<1	8.9	<1	11.1	2.3	27.3	<1
MW-16	6/22/2019	O	90	63.2	15.9	<1	<1	7.5	<5	10.1	2.1	23.8	<1
MW-16	12/14/2019	O	118	84.1	17.3	<1	1	8.1	<5	11.2	2.3	24.5	<1
MW-16	6/25/2020	O	99.9	66.1	16	<1	0.76 J	6.6	<5	11.8	2.2	22.2	<1
MW-16	11/18/2020	O	84.3	55.7	13.6	<1	<1	5.3	<5	11.8	1.7	19.5	<1
MW-16	6/16/2021	O	68.2	53.4	8.9	<1	0.11 J	4.4	<5	10.2	1.4	17.5	<1
MW-16	11/11/2021	O	76.6	57.2	12.6	<1	<1	4.6	<5	11.9	1.6	19.1	<1
MW-47	10/6/1993	O	9	5	2	<1	<1	3	<2	1	<1	5	NA
MW-47	6/1/1999	O	3.5	1.1	0.49	1	1	1.3	2	0.53	1	2.8	<1
MW-47	10/27/1999	O	6.5	1.1	0.87 J	1	1	4.5	2	2.2	0.05 J	5.7	1
MW-47	2/17/2000	O	1	0.32 J	0.1 J	1	1	0.18 J	2	0.27 J	1	0.58 J	1
MW-47	4/18/2000	O	1	0.53 J	0.18 J	1	1	0.36 J	2	0.27 J	1	0.66 J	1
MW-47	7/27/2000	O	1.2	0.61	0.13	1	1	0.38	2	0.64	1	0.82	<1
MW-47	11/8/2000	O	0.58	0.55	0.1	1	0.17	0.25	2	0.45	1	0.37	<1
MW-47	4/10/2001	O	1.1	0.57	1	1	0.28	0.31	2	0.48	1	0.56	<1
MW-47	10/31/2001	O	0.34	0.21	1	1	0.92	1	2	0.38	1	0.25	<1
MW-47	4/30/2002	O	0.23	0.13	1	1	1.3	0.13	2	0.33	1	0.27	<1
MW-47	10/17/2002	O	1	1	1	1	1	1	0.6	1	1	1	<1

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-47	4/22/2003	O	0.67 J	1	1	1	1	1	2	1	1	1	1
MW-47	12/28/2003	O	0.59 J	1	0.51 J	1	1	1	1	0.77 J	1	1	1
MW-47	4/28/2004	O	0.91	0.54	1	1	1	1	2	1	1	0.58	<1
MW-47	5/21/2005	O	1.4	1	1	1	1	1	2	1	1	1	<1
MW-47	6/28/2006	O	1	1	1	1	1	1	2	1	1	1	<1
MW-47	1/5/2007	O	1	1	1	1	1	1	2	1	1	1	<1
MW-47	10/8/2007	O	3	2	0.9	1	1	2	2	0.6	1	1	<1
MW-47	5/17/2008	O	4	1	1	1	1	1	2	1	1	1	1
MW-47	11/29/2008	O	2.91	1.6	1	1	1	0.93 J	1	0.62 J	1	1.17	1
MW-47	11/29/2008	DUP	2.89	1.58	0.34 J	1	0.15 J	0.96 J	1	0.61 J	1	1.15	1
MW-47	6/20/2009	O	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-47	11/28/2009	O	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-47	6/24/2010	O	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-47	11/29/2010	O	0.3 J	0.27 J	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-47	6/3/2011	O	2.7	2	0.68 J	<1	<1	0.7 J	<1	0.33 J	<1	1.2	<1
MW-47	12/29/2011	O	0.85 J	0.35 J	<1	<1	<1	<1	<5	0.4 J	<1	0.64 J	<1
MW-47	6/26/2012	O	<1	<1	<1	<1	<1	<1	<5	0.29 J	<1	<1	<1
MW-47	11/25/2012	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-47	5/31/2013	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-47	12/1/2013	O	0.34 J	0.35 J	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-47	6/5/2014	O	0.61 J	0.31 J	<1	<1	<1	<1	<5	0.41 J	<1	0.35 J	<1
MW-47	6/5/2014	DUP	0.57 J	0.29 J	<1	<1	<1	<1	<5	0.35 J	<1	0.35 J	<1
MW-47	11/23/2014	O	<1	0.23 J	<1	<1	<1	<1	<5	1	<1	<1	<1
MW-47	6/13/2015	O	1.1	2.2	0.53 J	<1	<1	0.23 J	<5	0.23 J	<1	0.23 J	<1
MW-47	11/15/2015	O	<1	<1	<1	<1	<1	<1	0.45 J	0.2 J	<1	<1	<1
MW-47	11/15/2015	DUP	<1	<1	<1	<1	<1	<1	0.64 J	0.17 J	<1	<1	<1
MW-47	6/27/2016	O	2.5	2.7	0.89 J	<1	<1	0.34 J	<5	<1	<1	0.66 J	<1
MW-47	11/12/2016	O	<1	0.27 J	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-47	6/10/2017	O	2.6	2.7	0.82 J	<1	<1	0.43 J	<5	<1	<1	0.89 J	<1
MW-47	11/24/2017	O	2.3	2.5	0.84 J	<1	<1	0.41 J	<1	<1	<1	0.89 J	<1
MW-47	6/21/2018	O	<1	0.21 J	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-47	11/10/2018	O	1.4	1.5	0.38 J	<1	<1	<1	<1	<1	<1	0.73 J	<1
MW-47	6/23/2019	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-47	12/10/2019	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-47	6/22/2020	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-47	11/14/2020	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-47	6/15/2021	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-47	11/10/2021	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-101A	10/4/1993	O	650	150	43	<17	4	190	<17	<17	NA	180	NA
MW-101A	4/20/1999	O	580	230	63	3.4	7.3	540	2	16	9.3	200	<1
MW-101A	10/25/1999	O	610	240	64	50	5.6 J	620	100	14 J	7 J	220	50
MW-101A	1/27/2000	O	740	270	61	50	6.2 J	690	100	15 J	40 J	270	50
MW-101A	4/25/2000	O	690	240	65	50	7	720	100	50	7.8 J	220	50
MW-101A	7/26/2000	O	620	210	51	20	6.1	730	40	4.4	10	140	<20
MW-101A	11/16/2000	O	740	310	77	50	6.3	830	100	15	8.3	250	<50
MW-101A	4/13/2001	O	830	240	81	50	5.6	780	100	14	8.6	270	<50
MW-101A	10/30/2001	O	1,000	300	79	50	6.3	990	100	15	12	300	<50
MW-101A	4/22/2002	O	890	250	82	50	6.8	1,000	100	18	11	280	<50
MW-101A	10/10/2002	O	1,200	370	440	100	100	1,200	200	64	100	340	<1
MW-101A	4/23/2003	O	909	266	81.8 J	1	6.28	1,080 E	2	26.8 E	19.4	309	1
MW-101A	12/26/2003	O	796 E	268	101	3.83	8.18	1,080 E	1	51.7 E	21.8	278	1
MW-101A	4/28/2004	O	1,040	265	98.1	100	100	1,230	200	56.4	100	302	<100
MW-101A	5/21/2005	O	850	260	89	10	10	1,100	20	80	13	250	<10
MW-101A	1/12/2006	O	800	220	37	5	4.5	990	10	61	44	220	<5
MW-101A	5/8/2006	O	970	25	76	1	4.4	1,100	2	93	17	270	<1
MW-101A	1/4/2007	O	820	180	48	10	10	840	20	56	21	190	<10
MW-101A	10/7/2007	O	590	220	38	2	4	790	2	67	72	200	<1
MW-101A	5/17/2008	O	740	260	100	50	50	1,000	100	64	50	240	50
MW-101A	11/28/2008	O	691	233	57.5	2.15 J	4.1 J	908	1.8 J	56.2	38.4	214	5

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-101A	6/10/2009	O	550	230	50	2 J	4.3 J	870	<5	56	30	190	<5
MW-101A	11/27/2009	O	550	280	70	<10	5.2 J	990	<10	47	36	220	<10
MW-101A	6/28/2010	O	90	54	15	<2	<2	210	<2	6.8	6	38	<2
MW-101A	6/28/2010	DUP	86	51	14	<2	<2	200	<2	6.3	5.3	37	<2
MW-101A	11/26/2010	O	550	280	68	<10	3.2 J	1,100	<10	36	18	230	<10
MW-101A	5/31/2011	O	510	310	46	<10	4.5 J	1,200	<10	36	75	190	<10
MW-101A	12/28/2011	O	540	290	62	2.8 J	4.3 J	1,200	<50	52	49	180	<10
MW-101A	12/28/2011	DUP	540	290	64	<10	4.3 J	1,200	<50	52	52	180	<10
MW-101A	6/25/2012	O	650	320	72	<10	5.2 J	1,600	2.7 J	56	66	190	<10
MW-101A	11/24/2012	O	500	240	39	<10	3.4 J	1,200	<50	55	57	160	<10
MW-101A	6/4/2013	O	500	260	61	<10	<10	730	15 J	56	14	150	<10
MW-101A	6/4/2013	DUP	540	270	66	<5	3.1 J	750	8.3 J	58	16	160	<5
MW-101A	11/30/2013	O	570	260	70	<5	3 J	610	25	67	14	160	<5
MW-101A	6/14/2014	O	620	300	58	<5	3.2 J	510	25	72	23	150	<5
MW-101A	11/24/2014	O	670	270	64	<5	3.6 J	520	<25	71	25	150	<5
MW-101A	11/24/2014	DUP	670	270	50	<5	3.5 J	510	<25	71	35	150	<5
MW-101A	6/7/2015	O	710	280	65	0.9 J	3.4 J	420	25	70	16	150	<5
MW-101A	11/10/2015	O	650	240	54	<5	2.8 J	330	<25	67	23	130	<5
MW-101A	6/28/2016	O	75	28	5.8	<1	5.5	25	0.48 J	6.7	1.6	12	<1
MW-101A	11/27/2016	O	660	240	61	<5	2.8 J	210	25	62	11	110	<5
MW-101A	6/4/2017	O	4.7	1.9	<1	<1	1.4	0.57 J	<5	1.1	<1	0.95 J	<1
MW-101A	11/17/2017	O	5	3.7	<1	<1	3.8	0.75 J	<1	0.82 J	<1	0.66 J	<1
MW-101A	6/20/2018	O	5.3	3.4	0.29 J	<1	0.94 J	0.68 J	<1	1.3	<1	0.89 J	<1
MW-101A	11/11/2018	O	6.5	6.9	0.35 J	<1	2.7	1.2	<1	1	<1	0.58 J	<1
MW-101A	6/15/2019	O	6.5	7.4	0.57 J	<1	0.75 J	1	<5	0.76 J	<1	0.56 J	<1
MW-101A	6/15/2019	DUP	6.3	7.5	0.51 J	<1	0.75 J	0.95 J	<5	0.72 J	<1	0.55 J	<1
MW-101A	12/13/2019	O	20.1	16.2	<1	<1	<1	2.2	<5	<1	<1	<1	<1
MW-101A	6/24/2020	O	23.7	19.6	2.2	<1	0.53 J	4.5	<5	1.4	0.65 J	2.5	<1
MW-101A	11/16/2020	O	91.4	43.7	8.4	<1	2.9	26.1	<5	6.6	1.8	11.4	<1
MW-101A	6/16/2021	O	262	139	25.7	<1	2.1	69.5	<5	24.9	5.6	33.4	<1
MW-101A	11/8/2021	O	454	249	63.8	<1	1.5	105	<5	53.3	10.6	74.1	<1
MW-101B	10/4/1993	O	560	140	42	<25	5	190	<25	84	NA	180	NA
MW-101B	4/20/1999	O	690	150	36	10	3.6	520	20	45	10	140	<10
MW-101B	10/25/1999	O	580	140	38	25	3.6 J	430	50	47	3.2 J	150	25
MW-101B	1/27/2000	O	570	140	33 J	50	50	490	100	42 J	50	150	50
MW-101B	4/25/2000	O	590	150	37 J	50	4.5 J	510	100	33 J	5.2 J	140	50
MW-101B	7/26/2000	O	750	150	41	20	4.4	700	40	39	4	140	<20
MW-101B	11/16/2000	O	450	170	35	25	3.3	550	50	18	3.9	120	<25
MW-101B	4/13/2001	O	620	140	42	50	50	570	100	39	50	160	<50
MW-101B	10/30/2001	O	440	150	33	25	3.5	580	50	21	4	140	<25
MW-101B	4/22/2002	O	580	140	37	50	4.4	630	3.3	48	4.4	140	<50
MW-101B	10/10/2002	O	840	230	290	50	50	850	100	80	50	180	<1
MW-101B	4/23/2003	O	656	162	45 J	1	3.62	795	2	67.1 E	11.7	160	1
MW-101B	12/26/2003	O	671 E	188	70.1 E	1	4.11	893 E	1	68 E	13	148	1
MW-101B	4/28/2004	O	843	226	59.4	50	50	1,140	100	61.8	50	174	<50
MW-101B	5/21/2005	O	610	200	50	10	10	920	20	47	10	130	<10
MW-101B	1/12/2006	O	570	200	42	5	5	890	10	41	6.3	120	<5
MW-101B	5/8/2006	O	660	230	52	10	10	1,100	20	50	10	130	<1
MW-101B	1/4/2007	O	620	210	46	10	10	950	20	46	10	120	<10
MW-101B	10/7/2007	O	460	200	47	2	2	790	2	44	12	110	<1
MW-101B	5/17/2008	O	560	240	64	50	50	960	100	52	50	130	50
MW-101B	11/28/2008	O	438	181	36.2	1.75 J	2.4 J	760	1.35 J	41.1	7.45	96.3	5
MW-101B	6/10/2009	O	390	160	31	1.8 J	3.1 J	750	<5	36	7.1	81	<5
MW-101B	11/27/2009	O	400	170	37	<5	2.6 J	840	<5	37	8.4	81	<5
MW-101B	6/28/2010	O	320	130	35	<10	<10	790	<10	32	9 J	70	<10
MW-101B	11/26/2010	O	430	130	36	<10	<10	850	<10	32	<10	77	<10
MW-101B	5/31/2011	O	420	140	32	<5	<5	910	<5	30	6.2	63	<5
MW-101B	12/28/2011	O	380	120	26	0.86 J	1.7 J	270	<10	25	5.5	40	<2
MW-101B	6/25/2012	O	430	120	25	<5	1.9 J	47	<25	24	4.3 J	27	<5

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-101B	11/24/2012	O	430	120	26	<2.5	1.4 J	33	0.88 J	25	4.1	26	<2.5
MW-101B	6/4/2013	O	520	140	27	<5	1.4 J	37	7.4 J	24	4.8 J	27	<5
MW-101B	11/30/2013	O	490	130	28	<5	1.6 J	32	25	28	4.1 J	27	<5
MW-101B	6/14/2014	O	560	170	30	<5	1.8 J	33	25	30	5.8	29	<5
MW-101B	11/24/2014	O	530	150	30	<5	1.9 J	26	<25	31	5.3	30	<5
MW-101B	6/7/2015	O	520	180	28	<5	1.8 J	26	25	29	5.6	30	<5
MW-101B	11/10/2015	O	500	160	28	<5	<5	22	1.2 J	28	5.8	28	<5
MW-101B	11/10/2015	DUP	520	160	29	<5	1.4 J	22	<25	30	5.6	28	<5
MW-101B	6/28/2016	O	430	140	27	<5	<5	19	<25	26	4.4 J	24	<5
MW-101B	11/27/2016	O	420	130	23	<5	1.2 J	20	<25	26	4.4 J	25	<5
MW-101B	6/4/2017	O	380	130	22	<5	<5	13	25	23	4.2 J	20	<5
MW-101B	11/17/2017	O	408 J	143	23	<5	<5	15.8	<5	24.5	4 J	23.7	<5
MW-101B	11/17/2017	DUP	378	131	22.6	<5	<5	14.8	<5	22.3	4 J	20.4	<5
MW-101B	6/20/2018	O	416 J	140	25.1	<5	1.2 J	13.1	7.2	24.6	4.1 J	21.2	<5
MW-101B	6/20/2018	DUP	400 J	138	23.7	<5	<5	13.1	9	23.6	4.1 J	20.9	<5
MW-101B	11/11/2018	O	352	109	19.2	<5	<5	11.7	<5	23.6	3.3 J	18.7	<5
MW-101B	6/15/2019	O	321	114	20.4	<1	0.83 J	11	<5	21.6	3.5	16.7	<1
MW-101B	12/13/2019	O	379	112	19.3	<1	<1	10.7	<5	20.9	3.3	17	<1
MW-101B	12/13/2019	DUP	372	117	20.4	<1	<1	10.7	<5	21.8	3.5	17.9	<1
MW-101B	6/24/2020	O	329	124	18.2	<10	<10	9.7 J	<50	20.4	<10	17	<10
MW-101B	6/24/2020	DUP	328	149	25.1	<1	0.87 J	12.1	<5	25.2	4.5	21.5	<1
MW-101B	11/16/2020	O	320	104	18.9	<1	<1	9.2	<5	21.7	3.3	18.5	<1
MW-101B	6/16/2021	O	281	98.8	17.5	<1	<1	7	<5	<1	2.8	15.9	<1
MW-101B	11/8/2021	O	259	101	19.7	<1	0.11 J	7.9	<5	19.5	3.1	16.1	<1
MW-101C	10/6/1993	O	650	140	59	<100	<100	210	<100	72	100	190	NA
MW-101C	4/20/1999	O	740	140	34	10	3.5	550	20	45	10	140	<10
MW-101C	10/25/1999	O	480	110	31	25	3 J	380	50	42	2.5 J	130	25
MW-101C	1/27/2000	O	460	110	28	20	20	370	40	42	2.8 J	120	20
MW-101C	4/25/2000	O	450	120	28 J	50	3.9 J	420	100	31 J	3.5 J	100	50
MW-101C	7/26/2000	O	390	110	25	20	3.6	390	40	21	2.7	82	<20
MW-101C	11/13/2000	O	370	130	24	25	2.6	420	50	34	2.7	100	<25
MW-101C	4/12/2001	O	450	100	27	25	2.5	420	50	37	3	110	<25
MW-101C	10/30/2001	O	470	120	21	25	2.9	510	50	32	11	110	<25
MW-101C	4/22/2002	O	490	120	31	25	3.2	570	50	41	4.2	120	<25
MW-101C	10/10/2002	O	650	200	200	50	50	660	28	150	50	130	<1
MW-101C	4/23/2003	O	489	125	35.8 J	1	3	626	2	36.7 J	12.1	121	1
MW-101C	12/30/2003	O	628	141	42.4	1	3.64	775	1	44.7	32.5 E	142	1
MW-101C	11/26/2008	O	398	157	33.8	2.05 J	2.45 J	682	1.5 J	27.9	6.8	86.4	5
MW-101C	6/10/2009	O	270	120	22	<5	2.6 J	550	<5	24	5.8	56	<5
MW-101C	11/27/2009	O	290	120	28	<5	2.4 J	620	<5	25	5.5	63	<5
MW-101C	6/28/2010	O	220	85	23	<5	<5	570	<5	19	5.4	44	<5
MW-101C	11/26/2010	O	310	98	24	1.8 J	1.9 J	640	<5	20	<5	48	<5
MW-101C	5/31/2011	O	340	110	25	<5	<5	780	<5	21	5.4	47	<5
MW-101C	12/28/2011	O	290	92	20	<2	1.4 J	260	<10	18	4	29	<2
MW-101C	6/25/2012	O	300	89	17	<2.5	1.4 J	89	<12	16	3.3	20	<2.5
MW-101C	11/30/2012	O	360	99	20	<2.5	1.3 J	40	<12	18	3.6	20	<2.5
MW-101C	11/30/2012	DUP	360	99	20	<5	1.4 J	40	<25	18	3.6 J	20	<5
MW-101C	6/4/2013	O	480	130	24	<2.5	1.6 J	40	7.1 J	22	4.1	22	<2.5
MW-101C	11/30/2013	O	400	110	22	<5	<5	30	25	21	3.6 J	19	<5
MW-101C	6/14/2014	O	500	150	25	<2.5	1.5 J	32	12	26	4.5	20	<2.5
MW-101C	11/24/2014	O	430	120	25	<5	1.7 J	27	<25	25	4.4 J	20	<5
MW-101C	11/10/2015	O	410	130	22	<5	1.3 J	19	1.4 J	22	4.2 J	16	<5
MW-101C	6/28/2016	O	300	100	19	<2.5	0.88 J	17	<12	18	3.2	14	1.8 J
MW-101C	11/28/2016	O	320	110	18	<2.5	1 J	15	12	18	3.6	14	<2.5
MW-101C	6/5/2017	O	280	100	17	<2.5	0.85 J	11	12	17	3.2	12	<2.5
MW-101C	11/17/2017	O	256	92.1	15.2	<2.5	0.75 J	10.5	<2.5	14.6	2.7	10.6	<2.5
MW-101C	6/20/2018	O	339	121	19.4	<2	0.98 J	12.3	3.2	17.5	3.8	12.9	<2
MW-101C	11/12/2018	O	255	78.5	13.4	<2	<2	8.3	<2	15.1	2.7	9.8	<2
MW-101C	11/12/2018	DUP	273	83.6	14.8	<2.5	<2.5	9.2	<2.5	16.7	2.8	10.7	<2.5

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-101C	6/24/2019	O	222	65.1	12.3	<1	<1	6.7	<5	12.8	2.2	8.7	<1
MW-101C	12/13/2019	O	225	70.6	12.8	<1	<1	6.9	<5	12.1	<1	8.2	<1
MW-101C	6/24/2020	O	280	90.3	16.6	<1	0.61 J	7.7	<5	14.3	2.6	10.1	<1
MW-101C	11/16/2020	O	267	72.2	12.9	<1	<1	6.8	<5	12	2.3	8.8	<1
MW-101C	6/16/2021	O	260	93.9	15.1	<1	0.35 J	7.2	<5	12.8	2.8	9.2	<1
MW-101C	11/8/2021	O	244	101	18.4	<1	<1	7.9	<5	14.9	3.2	10.4	<1
MW-101D	10/6/1993	O	300	72	34	<50	<50	130	<50	31	50	96	NA
MW-101D	4/21/1999	O	300	80	24	5	2.6	230	10	23	5	80	<5
MW-101D	1/27/2000	O	180	42	14	10	1.6 J	130	20	18	1.5 J	54	10
MW-101D	4/25/2000	O	270	70	23	20	2.4	250	40	23	1.9 J	81	20
MW-101D	7/26/2000	O	180	60	14	1.2	2.5	180	20	2.9	1.1	33	<10
MW-101D	11/16/2000	O	180	76	17	1.3	2.2	210	20	3.8	1.3	46	<10
MW-101D	4/13/2001	O	250	66	21	10	2.2	250	20	18	1.9	73	<10
MW-101D	10/30/2001	O	300	70	22	20	2.3	260	40	26	2	80	<20
MW-101D	4/30/2002	O	240	66	22	20	2.5	260	40	20	2	67	<20
MW-101D	10/10/2002	O	300	100	94	20	20	280	40	20	20	58	<1
MW-101D	4/23/2003	O	254	64.7	23.9	1	2.17	291	2	23	5.34	73.7	1
MW-101D	4/23/2003	DUP	500	127	35.6 J	1	3	602	2	35.9 J	9.63	122	1
MW-101D	12/28/2003	O	168	41.8	17.6	0.88 J	1.87	179	1	16	8.27	51.6	1
MW-101D	4/28/2004	O	249	68	22.2	25	25	323	50	20.7	25	62.3	<25
MW-101D	5/21/2005	O	230	74	28	1	2	330	2	22	1	61	<1
MW-101D	1/12/2006	O	190	53	5	2	2	85	4	14	2	20	<2
MW-101D	6/23/2006	O	220	77	24	10	10	410	20	20	10	56	<10
MW-101D	1/4/2007	O	180	56	16	5	5	200	10	15	5	46	<5
MW-101D	10/7/2007	O	180	55	22	10	10	240	10	18	10	50	<10
MW-101D	5/17/2008	O	220	81	28	10	10	380	18 J	25	10	60	10
MW-101D	11/28/2008	O	137	41.6	15	0.58 J	1.46 J	199	0.62 J	16.4	1.94 J	39.3	2
MW-101D	6/10/2009	O	180	68	19	0.86 J	1.8 J	340	<2	20	3.6	47	<2
MW-101D	11/27/2009	O	150	64	18	<2.5	1.5 J	290	<2.5	16	4.1	39	<2.5
MW-101D	6/28/2010	O	110	44	16	<2.5	<2.5	270	<2.5	13	3.1	32	<2.5
MW-101D	11/26/2010	O	160	51	18	1 J	1.4 J	320	<2.5	17	0.62 J	38	<2.5
MW-101D	5/31/2011	O	170	60	17	<2	1.4 J	210	<2	15	2.4	31	<2
MW-101D	12/28/2011	O	120	42	13	<1	1	39	<5	12	2.1	19	<1
MW-101D	6/25/2012	O	150	47	14	<1	1.1	33	<5	12	1.8	19	<1
MW-101D	11/24/2012	O	140	42	13	<1	1	27	<5	11	1.6	16	<1
MW-101D	6/4/2013	O	180	49	16	<1	1.2	20	<5	12	1.5	19	<1
MW-101D	11/30/2013	O	110	29	11	<1	0.91 J	20	<5	11	1	16	<1
MW-101D	6/14/2014	O	86	44	12	<1	0.73 J	57	5	11	1.8	18	0.19 J
MW-101D	11/24/2014	O	90	53	14	<1	0.71 J	63	<5	9.6	2	15	0.28 J
MW-101D	6/7/2015	O	75	49	9.8	0.2 J	0.49 J	51	5	8.1	1.8	15	0.23 J
MW-101D	11/10/2015	O	110	54	13	<1	0.74 J	36	0.44 J	9.6	2	18	<1
MW-101D	6/28/2016	O	73	41	11	<1	0.56 J	41	<5	8.2	1.5	16	<1
MW-101D	11/27/2016	O	160	60	15	<1	0.97 J	16	<5	13	2	18	<1
MW-101D	6/4/2017	O	17	100	9.4	<1	<1	39	<5	0.38 J	1.4	3.2	0.45 J
MW-101D	12/3/2017	O	2	1.6	0.35 J	<1	<1	1.7	<1	0.48 J	<1	0.71 J	<1
MW-101D	6/20/2018	O	2.6	2.8	0.4 J	<1	<1	2.3	<1	<1	<1	1 J	<1
MW-101D	11/12/2018	O	121	51.3	11.3	<1	<1	11.4	<1	8.9	1.6	13.3	<1
MW-101D	6/24/2019	O	35.2	<10	<10	<10	<10	<10	<50	<10	<10	<10	<10
MW-101D	12/13/2019	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-101D	6/25/2020	O	<1	0.5 J	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-101D	11/18/2020	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-101D	6/16/2021	O	12.5	5.1	1	<1	<1	0.52 J	<5	0.9 J	<1	1 J	<1
MW-101D	11/11/2021	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-102A	9/28/1993	O	34	26	4	<2	<2	32	23	2	2	6	NA
MW-102A	5/20/1999	O	51	43	1.2	0.25	1	54	2	0.6	1.8	6.3	<1
MW-102A	10/25/1999	O	57	43	2.5 J	5	0.15 J	61	10	3.1 J	1.7 J	15	5
MW-102A	2/16/2000	O	97	64	2.8 J	5	5	90	10	5	3 J	14	5
MW-102A	4/25/2000	O	57	43	1.5 J	5	5	49	10	5	1.4 J	7.6	5
MW-102A	4/25/2000	DUP	57	43	1.4 J	5	0.14 J	49	10	5	1.3 J	7.7	5

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-102A	7/26/2000	O	100	71	2.7	10	10	95	20	10	2.5	16	<10
MW-102A	11/16/2000	O	88	91	2.8	5	5	110	10	5	2.7	14	<5
MW-102A	4/10/2001	O	120	91	4.2	10	10	140	20	10	4.4	22	<10
MW-102A	10/17/2001	O	88	77	2.3	10	10	110	20	10	4.1	16	<10
MW-102A	4/30/2002	O	62	47	1.6	5	5	65	10	5	1.9	11	<5
MW-102A	10/10/2002	O	140	130	20	20	20	160	40	20	20	26	<1
MW-102A	4/25/2003	O	102	92.9	4.17	1	1	137	2	1	5.08	22.2	1
MW-102A	12/26/2003	O	111 E	108 E	4.14	1	1	145 E	1	1	5.56	20.1	1
MW-102A	4/28/2004	O	37.3	39	2	2	2	34.2	4	2	1.45	6.93	<2
MW-102A	5/2/2005	O	19	19	1	1	1	16	2	1	0.84	3.5	<1
MW-102A	5/2/2005	DUP	21	24	1 J	<1	<1	21	<2	<1	1.1	4.3	<1
MW-102A	11/2/2005	O	57	71	1.9	1	1	110	2	1	5.1	11	<1
MW-102A	6/22/2006	O	31	39	0.98	1	1	54	2	1	1.9	6.6	<1
MW-102A	11/16/2006	O	100	73	1.8	1	1	120	2	1	3.3	15	<1
MW-102A	10/8/2007	O	95	64	4	10	10	150	9	10	5	20	<10
MW-102A	5/19/2008	O	93	68	10	10	10	150	20	10	10	18	10
MW-102A	11/26/2008	O	82.6	58.1	2.81	0.32 J	0.18 J	137	1	1	4.14	17.6	1
MW-102A	6/11/2009	O	82	66	2.6	0.26 J	0.19 J	150	<1	<1	4.1	16	<1
MW-102A	11/27/2009	O	89	96	3.5	<1	<1	190	<1	<1	5.3	18	<1
MW-102A	6/28/2010	O	62	80	2.7	<2	<2	170	<2	<2	5.3	15	<2
MW-102A	11/26/2010	O	90	99	3	<2	<2	200	<2	<2	5.3	20	<2
MW-102A	11/26/2010	DUP	87	95	2.7	<2	<2	200	<2	<2	4.9	19	<2
MW-102A	6/1/2011	O	74	94	2.2	<1	<1	190	<1	<1	6	16	<1
MW-102A	12/28/2011	O	63	90	1.9	<1	<1	170	<5	<1	6	15	<1
MW-102A	6/27/2012	O	52	79	1.4	<1	<1	160	<5	<1	5.1	13	<1
MW-102A	11/30/2012	O	59	82	1.6	<1	<1	160	<5	<1	5.7	14	<1
MW-102A	6/10/2013	O	19	40	0.63 J	<1	<1	70	<5	0.57 J	2.6	5.9	<1
MW-102A	12/18/2013	O	27	58	0.77 J	<1	<1	100	<5	<1	4	7	<1
MW-102A	6/13/2014	O	15	44	0.46 J	<1	<1	65	5	<1	2.7	4.4	<1
MW-102A	11/24/2014	O	<1	2.5	<1	0.61 J	<1	3.4	<5	<1	<1	<1	1.3
MW-102A	6/15/2015	O	6.8	24	<1	<1	<1	38	<5	<1	1.6	2.6	<1
MW-102A	11/11/2015	O	15	45	0.39 J	<1	<1	76	0.3 J	<1	3.4	5.8	<1
MW-102A	6/28/2016	O	14	47	0.52 J	<1	<1	81	<5	<1	3.1	5.2	<1
MW-102A	11/26/2016	O	18	60	0.49 J	<1	<1	100	<5	<1	4.1	7	<1
MW-102A	11/26/2016	DUP	19	61	0.52 J	<1	<1	110	<5	<1	4.2	7.2	<1
MW-102A	6/5/2017	O	19	64	0.62 J	<1	<1	110	<5	<1	4.2	7	<1
MW-102A	12/2/2017	O	26.3	70.4	0.81 J	<1	<1	131	<1	<1	4.9	8.9	<1
MW-102A	6/20/2018	O	29	76.9	0.93 J	<1	<1	128	<1	<1	5.5	9.5	<1
MW-102A	11/12/2018	O	30.1	68.4	0.85 J	<1	<1	103	<1	<1	4.9	10	<1
MW-102A	6/22/2019	O	29.2	59.5	<1	<1	<1	50.5	<5	<1	3.5	7.6	<1
MW-102A	12/13/2019	O	22.7	51.1	<1	<1	<1	49.2	<5	<1	3.1	7.1	<1
MW-102A	6/24/2020	O	24.4	55.4	0.47 J	<1	<1	42.3	<5	<1	3.1	8	<1
MW-102A	11/16/2020	O	12.6	23.8	<1	<1	<1	27.3	<5	<1	1.8	5	<1
MW-102A	6/16/2021	O	13.3	27.3	0.29 J	<1	<1	20.5	<5	<1	1.6	4.3	<1
MW-102A	11/11/2021	O	7.6	15.8	<1	<1	<1	13.2	<5	<1	0.9 J	3	<1
MW-102B	9/28/1993	O	<1	<1	<1	<1	<1	<1	3	<1	<1	<1	NA
MW-102B	5/20/1999	O	1.4	0.99	0.32	0.63	1	2.1	2	1.1	1	2.1	<1
MW-102B	10/25/1999	O	5.1	0.93 J	0.4 J	0.66 J	1	2.7	2	2	1	3.7	0.14 J
MW-102B	2/16/2000	O	1	0.32 J	1	0.47 J	1	0.28 J	2	1	1	1	1
MW-102B	4/25/2000	O	0.2 J	0.36 J	1	0.49 J	1	0.48 J	2	1	1	0.09 J	1
MW-102B	7/26/2000	O	1	0.62	1	0.54	1	0.54	2	1	1	1	0.19 J
MW-102B	11/16/2000	O	1	0.76	1	1	1	0.62	2	1	1	1	0.17 J
MW-102B	11/16/2000	DUP	<1	0.74 J	<1	0.6 J	<1	0.59 J	<2	<1	<1	<1	0.16 J
MW-102B	4/10/2001	O	1	0.71	1	0.61	1	0.71	2	1	1	1	0.11 J
MW-102B	10/17/2001	O	1	0.83	1	1	1	1.2	2	1	1	1	0.13 J
MW-102B	4/30/2002	O	1	1	1	0.58	1	1.4	2	1	0.13	1	0.089
MW-102B	10/10/2002	O	1	2	1	1	1	2	0.6	1	1	1	<1
MW-102B	4/25/2003	O	1	1.35	1	1	1	2.27	2	1	1	1	1
MW-102B	12/26/2003	O	1	1.64	1	0.64 J	1	2.9	1	1	1	1	1

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-102B	4/28/2004	O	1	1.73	1	0.62	1	3.2	2	1	1	1	<1
MW-102B	5/2/2005	O	1	1.6	1	0.48	1	2.4	2	1	1	1	<1
MW-102B	11/2/2005	O	1	1.9	1	1	1	3.5	2	1	1	1	<1
MW-102B	6/22/2006	O	1	2.3	1	1	1	4.3	2	1	1	1	<1
MW-102B	11/16/2006	O	1	3	1	1	1	5	2	1	1	1	<1
MW-102B	10/8/2007	O	1	3	1	0.5	1	4	2	1	1	1	<1
MW-102B	5/19/2008	O	1	4	1	1	1	6	2	1	1	1	1
MW-102B	11/26/2008	O	1	2.8	1	0.66 J	1	5.11	1	1	0.28 J	1	0.18 J
MW-102B	6/11/2009	O	<1	3.2	<1	0.65 J	<1	5	<1	<1	<1	<1	<1
MW-102B	11/27/2009	O	<1	3.5	<1	0.56 J	<1	5.6	<1	<1	<1	<1	<1
MW-102B	6/28/2010	O	<1	3	<1	0.69 J	<1	4.4	<1	<1	<1	<1	<1
MW-102B	11/26/2010	O	<1	2.9	<1	0.67 J	<1	5	<1	<1	<1	<1	<1
MW-102B	6/1/2011	O	<1	2.8	<1	<1	<1	4	<1	<1	<1	<1	<1
MW-102B	12/28/2011	O	<1	2.8	<1	<1	<1	4.1	<5	<1	<1	<1	0.32 J
MW-102B	6/27/2012	O	<1	2.7	<1	<1	<1	3.8	<5	<1	<1	<1	0.32 J
MW-102B	6/27/2012	DUP	<1	2.7	<1	<1	<1	3.9	<5	<1	<1	<1	0.31 J
MW-102B	11/30/2012	O	<1	2.8	<1	0.52 J	<1	4.6	<5	<1	<1	<1	0.43 J
MW-102B	6/5/2013	O	<1	2.7	<1	<1	<1	3.5	<5	<1	<1	<1	0.52 J
MW-102B	12/18/2013	O	28	60	0.81 J	<1	<1	110	<5	<1	4.2	7.4	<1
MW-102B	6/13/2014	O	<1	2.8	<1	0.64 J	<1	3.5	5	<1	<1	<1	0.92 J
MW-102B	11/24/2014	O	<1	2.6	<1	0.8 J	<1	3.5	<5	<1	<1	<1	1.2
MW-102B	6/15/2015	O	<1	<1	<1	<1	<1	<1	5	<1	<1	<1	<1
MW-102B	11/11/2015	O	<1	1.1	<1	0.24 J	<1	1.5	<5	<1	<1	<1	1.1
MW-102B	6/28/2016	O	<1	1.6	<1	0.31 J	<1	2.1	<5	<1	<1	<1	1.3
MW-102B	11/26/2016	O	<1	1.6	<1	0.44 J	<1	2.5	<5	<1	<1	<1	1.9
MW-102B	6/5/2017	O	<1	2.6	<1	0.76 J	<1	3.4	<5	<1	<1	<1	3.8
MW-102B	12/2/2017	O	<1	2.8	<1	0.8 J	<1	4.9	<1	<1	<1	<1	4.9
MW-102B	6/20/2018	O	<1	2.8	<1	0.8 J	<1	4.1	<1	<1	<1	<1	6
MW-102B	11/12/2018	O	<1	2.9	<1	<1	<1	4.2	<1	<1	<1	<1	6.1
MW-102B	6/22/2019	O	<1	<1	<1	<1	<1	3.7	<5	<1	<1	<1	4.5
MW-102B	12/13/2019	O	<1	<1	<1	<1	<1	4	<5	<1	<1	<1	5.1
MW-102B	6/24/2020	O	<1	3.5	<1	0.74 J	<1	4.6	<5	<1	<1	<1	6.9
MW-102B	11/16/2020	O	<1	2.5	<1	<1	<1	3.8	<5	<1	<1	<1	5.4
MW-102B	6/16/2021	O	<1	2.9	<1	<1	<1	3.8	<5	<1	<1	<1	6.9
MW-102B	11/11/2021	O	<1	<1	<1	<1	<1	1.3	<5	<1	<1	<1	1.9
MW-102C	9/28/1993	O	160	160	68	<12	<12	140	55	44	<12	140	NA
MW-102C	5/20/1999	O	170	180	59	4	2.5	390	20	33	10	140	<10
MW-102C	10/25/1999	O	250	210	78	25	3 J	460	50	46	25	170	25
MW-102C	2/16/2000	O	44	24	9	0.91 J	0.52	44	0.38 J	4.4	0.57 J	20	2
MW-102C	4/25/2000	O	60	44	5.2	5	0.91 J	65	10	0.67 J	0.96 J	10	5
MW-102C	7/26/2000	O	44	29	4.5	0.8	0.64	39	4	0.99	0.41	8.2	<2
MW-102C	11/16/2000	O	23	19	4.5	2	0.32	28	4	1.1	0.26	8.3	<2
MW-102C	4/10/2001	O	90	48	2.6	5	0.94	39	10	0.8	5	5.4	<5
MW-102C	10/17/2001	O	46	29	8.9	4	0.6	53	8	3.5	0.39	17	<4
MW-102C	4/30/2002	O	170	110	40	2.4	2.1	240	20	19	3.3	78	<10
MW-102C	10/10/2002	O	69	56	54	5	5	87	10	4 J	5	20	<1
MW-102C	4/25/2003	O	73.2	48.4	18.6	1.57	1.16	112	2	7.94 J	4	34.9	1
MW-102C	12/26/2003	O	59	40.4 E	9.18	0.76 J	0.6 J	69 E	1	1.6	1.04	16.2	1
MW-102C	4/28/2004	O	136	105	38.2	25	25	278	50	20.9	25	70.4	<25
MW-102C	5/2/2005	O	110	69	0.62	1.2	0.74	22	2	1.1	1	1.5	<1
MW-102C	11/2/2005	O	6.4	3.4	1.3	1	1	7.4	2	1	1	2.9	<1
MW-102C	11/2/2005	DUP	15	18	5.8	<1	<1	46	<2	H	<1	9.9	<1
MW-102C	6/22/2006	O	19	23	8.4	1	1	49	2	4.9	1	15	<1
MW-102C	11/16/2006	O	70	69	10	1.3	1	120	2	4	0.97 J	23	<1
MW-102C	10/8/2007	O	35	60	22	1	0.4	170	2	10	2	34	<1
MW-102C	10/8/2007	DUP	52	90	33	1	0.5 J	270	<2	16	4	51	0.6 J
MW-102C	5/19/2008	O	74	66	26	10	10	210	21	12	10	37	10
MW-102C	11/26/2008	O	18.4	18.9	5.75	0.33 J	0.21 J	56.6	1	2.66	0.79 J	9.54	1
MW-102C	6/11/2009	O	23	36	6.1	0.57 J	0.31 J	99	<1	0.94 J	0.74 J	8.9	<1

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-102C	11/27/2009	O	94	210	59	<10	<10	760	<10	22	6.7 J	74	<10
MW-102C	6/28/2010	O	89	160	53	<5	<5	740	<5	18	6.8	65	<5
MW-102C	11/26/2010	O	110	170	51	3.2 J	<10	720	<10	21	<10	68	<10
MW-102C	6/1/2011	O	90	200	50	<5	<5	870	<5	25	7	63	<5
MW-102C	12/28/2011	O	80	160	40	<5	0.95 J	670	<25	17	5.6	47	<5
MW-102C	6/27/2012	O	55	130	33	<5	1.2 J	550	<25	7.3	4.4 J	30	<5
MW-102C	11/30/2012	O	41	64	15	0.54 J	0.36 J	200	<10	4.2	2	15	<2
MW-102C	6/5/2013	O	84	150	36	<2	0.7 J	360	6.2 J	10	4	33	0.8 J
MW-102C	12/18/2013	O	78	120	31	1.1 J	0.75 J	270	5	7.3	4	24	0.58 J
MW-102C	12/18/2013	DUP	77	160	37	1.1 J	0.65 J	300	7.1 J	8.2	4.4	28	1 J
MW-102C	6/13/2014	O	1.2	5.3	0.76 J	<1	<1	6.5	5	0.4 J	<1	0.6 J	<1
MW-102C	11/24/2014	O	0.26 J	1	<1	<1	<1	1.4	<5	<1	<1	<1	<1
MW-102C	6/15/2015	O	0.29 J	<1	<1	<1	<1	<1	5	<1	<1	<1	<1
MW-102C	11/11/2015	O	10	2	<1	<1	<1	<1	0.48 J	0.31 J	<1	<1	<1
MW-102C	6/28/2016	O	9.1	3.6	0.7 J	<1	<1	2.4	<5	1.1	<1	1.4	<1
MW-102C	11/27/2016	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-102C	6/5/2017	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-102C	12/2/2017	O	<1	0.24 J	<1	<1	<1	0.82 J	<1	<1	<1	0.33 J	<1
MW-102C	6/20/2018	O	<1	0.27 J	<1	<1	<1	0.59 J	<1	<1	<1	<1	<1
MW-102C	11/12/2018	O	94.4	109	21.2	<1	<1	66.2	<1	3.2	3	11.4	1.7
MW-102C	6/22/2019	O	<1	<1	32.8	<1	0.52 J	71.6	<5	6.3	3.9	19.3	<1
MW-102C	6/22/2019	DUP	<1	<1	30.3	<1	<1	67.2	<5	5.7	3.6	20	<1
MW-102C	12/13/2019	O	176	155	30.6	<1	<1	63.4	<5	8.4	3.5	14.5	2.2
MW-102C	6/24/2020	O	217	188	33.2	0.46 J	0.58 J	60	<5	6.5	4.2	15.3	3.3
MW-102C	11/16/2020	O	141	113	20.3	<1	<1	46.5	<5	3.8	2.8	10.3	2.3
MW-102C	6/16/2021	O	93	115	19.6	<1	<1	44.7	<5	3.4	2.7	9.7	<1
MW-102C	11/11/2021	O	14	15.8	2.4	<1	<1	5.2	<5	<1	<1	0.6 J	0.82 J
MW-113A	10/8/1993	O	140	92	33	<7	<7	110	<14	<7	<7	56	NA
MW-113A	5/3/1999	O	59	34	10	0.4	0.9	52	2	1.9	1.2	24	<1
MW-113A	11/10/1999	O	160	100	27	10	2.3 J	160	20	3.2 J	2.4 J	69	10
MW-113A	2/15/2000	O	160	91	16	10	2.1 J	160	20	2.9 J	5.7 J	71	10
MW-113A	4/24/2000	O	160	92	5.1 J	10	2.1	160	20	2.4 J	13	61	10
MW-113A	7/27/2000	O	130	86	4	10	2.3	110	20	10	7.5	22	<1
MW-113A	11/16/2000	O	170	130	9.4	10	2.3	200	20	2.1	12	62	<10
MW-113A	4/12/2001	O	200	10	210	10	2.4	210	20	3.7	15	81	<10
MW-113A	10/31/2001	O	200	110	3	10	2.8	240	20	3.3	22	75	<10
MW-113A	4/29/2002	O	200	100	1.5	10	2.5	200	20	4.5	23	70	<10
MW-113A	10/18/2002	O	370	190	240	20	20	430	40	20	20	140	<1
MW-113A	4/23/2003	O	245	121	27.6 E	1	2.84	325	2	8.11	18.2	101	1
MW-113A	12/28/2003	O	232	109	31.4	1.38	2.93	318	1	9.72	10.4	92.9	1
MW-113A	4/28/2004	O	239	123	32.4	25	25	360	50	25	25	89.1	<25
MW-113A	4/28/2004	DUP	240	123	35.9	1.6	3.09	371	<2	10.3	37.9 E	96.8	<1
MW-113A	5/21/2005	O	260	140	45	5	5	410	10	8.1	5.7	100	<5
MW-113A	10/20/2005	O	210	110	22	1	2.6	330	2	8	17	82	<1
MW-113A	5/8/2006	O	270	110	32	1	2.3	470	20	10	9.1	93	<1
MW-113A	1/4/2007	O	210	110	27	10	10	430	20	10	10	10	<10
MW-113A	10/8/2007	O	260	150	46	1	2	480	2	10	15	110	<1
MW-113A	5/17/2008	O	250	140	48	20	20	470	41	20	20	110	20
MW-113A	11/29/2008	O	210	135	7.25	1.5 J	2.2 J	369	1.7 J	10.5	40.6	98.6	5
MW-113A	6/11/2009	O	180	110	21	<5	2.6 J	370	<5	10	15	85	<5
MW-113A	11/28/2009	O	170	110	1.7 J	<2.5	1.5 J	290	<2.5	12	44	84	<2.5
MW-113A	6/29/2010	O	130	88	3.3	1 J	1.1 J	240	0.85 J	12	30	76	<2.5
MW-113A	11/28/2010	O	110	85	17	0.7 J	0.95 J	250	<2.5	12	11	67	<2.5
MW-113A	6/1/2011	O	120	88	2.4	<1	0.96 J	90	<1	13	14	57	<1
MW-113A	12/29/2011	O	130	95	16	<1	1.1	50	<5	13	4.3	46	<1
MW-113A	6/25/2012	O	140	100	14	<1	1.1	48	<5	13	5.3	48	<1
MW-113A	11/24/2012	O	140	110	14	<1	1.2	43	<5	13	4.4	45	<1
MW-113A	6/4/2013	O	160	120	26	<1	1.2	40	<5	13	3.9	45	<1
MW-113A	11/30/2013	O	160	140	33	<1	1.2	37	5	13	4.4	51	<1

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-113A	6/14/2014	O	160	140	32	<1	1.3	32	5	14	4.5	49	<1
MW-113A	11/24/2014	O	140	140	18	<1	1.3	31	<5	11	5.2	50	<1
MW-113A	6/7/2015	O	170	140	30	<1	1.3	30	5	15	4.6	51	<1
MW-113A	11/10/2015	O	130	120	14	<1	1.2	25	0.77 J	15	4.4	47	<1
MW-113A	6/28/2016	O	140	120	23	<1	1.2	22	<5	13	4	44	<1
MW-113A	11/16/2016	O	130	120	25	<1	1.1	21	<5	14	4	43	<1
MW-113A	6/5/2017	O	73	61	12	<1	0.63 J	9.6	<5	8	1.9	21	<1
MW-113A	11/17/2017	O	149	129	23.3	<1	1.2	20.4	<1	14.7	4.1	40.2	<1
MW-113A	6/21/2018	O	0.57 J	0.24 J	<1	<1	<1	<1	<1	0.29 J	<1	0.3 J	<1
MW-113A	11/10/2018	O	125	95	19.2	<1	<1	12.9	<1	15.8	3.1	32.6	<1
MW-113A	6/15/2019	O	65.3	44.8	4.9	<1	<1	5.6	<5	8	1.3	15.7	<1
MW-113A	12/13/2019	O	73.2	70	13.3	<1	<1	8.3	<5	11.6	<1	22	<1
MW-113A	6/25/2020	O	85.1	87.2	13.2	<1	0.79 J	8.9	<5	14.9	2.5	25.6	<1
MW-113A	11/17/2020	O	72.4	75.1	12.7	<1	<1	7.6	<5	15.8	2	23.7	<1
MW-113A	6/17/2021	O	63.1	77.2	12.7	<1	0.6 J	5.9	<5	12.2	2.1	21.5	<1
MW-113A	11/9/2021	O	80.8	91.8	4.6	<1	<1	7.5	<5	14.3	1.9	22.6	<1
MW-113B	10/19/1993	O	6	14	4	<2	<2	12	<3	<2	<2	6	NA
MW-113B	4/29/1999	O	17	33	12	0.56	0.54	38	2	1.8	0.65	19	<1
MW-113B	10/27/1999	O	13	33	8.4	5	0.45 J	39	10	1.3 J	0.55 J	20	5
MW-113B	2/15/2000	O	27	48	11	5	0.65 J	62	10	1.4 J	0.83 J	30	5
MW-113B	4/24/2000	O	21	43	11	5	0.61	56	10	1.2 J	0.98 J	26	5
MW-113B	7/27/2000	O	17	38	9.4	0.6	0.71	49	10	0.89	0.91	20	<5
MW-113B	11/16/2000	O	22	55	11	5	0.63	62	10	1.4	1.3	27	<5
MW-113B	4/12/2001	O	17	40	8.9	5	0.56	53	10	5	1	20	<5
MW-113B	10/31/2001	O	24	50	12	5	0.64	67	10	5	1.1	29	<5
MW-113B	4/29/2002	O	19	39	9.8	5	0.6	60	10	1.3	0.97	23	<5
MW-113B	10/18/2002	O	39	84	88	10	10	120	5	10	10	42	<1
MW-113B	4/23/2003	O	45.6	58.6	17.4	1	1.05	115	2	3.77	6.06	41.9	2.2
MW-113B	12/28/2003	O	43.1	65.1	19.1	1	0.97 J	129	1	3.72	4.01	45.9	1.24
MW-113B	4/28/2004	O	44.9	70	19.8	10	10	143	20	10	10	42.7	<10
MW-113B	5/21/2005	O	39	64	19	1	1	140	2	2.9	1.8	39	4.8
MW-113B	10/20/2005	O	45	78	22	1	1	170	2	3.8	1.9	47	<1
MW-113B	5/8/2006	O	33	64	21	1	1	140	2	3.6	1.9	37	9.2
MW-113B	1/4/2007	O	30	61	20	1	1	120	2	3	1.7	38	1.4
MW-113B	10/8/2007	O	21	56	17	0.6	0.5	120	2	3	2	30	15
MW-113B	5/17/2008	O	25	66	19	10	10	140	19 J	10	10	34	17
MW-113B	11/29/2008	O	28.8	71.3	20.4	0.92 J	0.71 J	169	1	3.49	2.15	41.5	6.2
MW-113B	6/11/2009	O	29	71	19	0.87 J	0.73 J	180	<1	3.6	2.2	42	6.9
MW-113B	11/28/2009	O	31	77	22	0.76 J	0.69 J	190	<1	3.9	2.5	41	8
MW-113B	6/29/2010	O	19	63	19	<2	<2	150	<2	3	2.7	33	9
MW-113B	11/28/2010	O	26	67	19	0.8 J	<2	160	<2	4.2	3	37	8.8
MW-113B	6/1/2011	O	23	66	18	0.61 J	0.46 J	140	<1	4.1	2.3	36	11
MW-113B	12/29/2011	O	19	59	16	0.63 J	0.42 J	100	<5	3.9	2	30	8.9
MW-113B	6/25/2012	O	17	60	14	<1	0.48 J	98	<5	3.6	1.9	28	9.4
MW-113B	11/24/2012	O	18	59	14	0.46 J	0.34 J	78	<5	3.7	1.8	26	7.5
MW-113B	6/4/2013	O	12	55	12	<1	0.27 J	58	<5	2.5	1.4	20	12
MW-113B	11/30/2013	O	11	53	12	0.36 J	0.3 J	56	<5	2.7	1.4	21	9.6
MW-113B	6/14/2014	O	13	63	14	0.42 J	0.28 J	52	5	2.8	1.7	19	12
MW-113B	11/24/2014	O	13	66	15	0.52 J	0.4 J	55	<5	2.1	2.2	22	13
MW-113B	6/7/2015	O	12	71	14	0.45 J	0.29 J	49	5	3	1.8	22	11
MW-113B	11/10/2015	O	12	61	13	0.38 J	0.26 J	42	0.56 J	2.2	1.8	20	12
MW-113B	6/28/2016	O	7.7	53	11	0.35 J	<1	32	<5	1.7	1.4	15	9.5
MW-113B	11/16/2016	O	11	63	13	0.4 J	<1	38	<5	2.3	1.7	18	9.7
MW-113B	6/5/2017	O	7.1	59	13	0.41 J	<1	35	<5	2.6	1.5	17	6.2
MW-113B	11/17/2017	O	11.3	70.9	15	<1	<1	39.5	<1	2.8	1.8	18.6	8.1
MW-113B	6/21/2018	O	9.8	67.9	14.3	<1	<1	36.1	<1	3.3	1.6	19.3	6.3
MW-113B	11/10/2018	O	11.1	60.3	13	<1	<1	29.7	<1	3	1.5	17.3	5.8
MW-113B	6/15/2019	O	13.2	61.2	12.9	<1	<1	27	<5	2.7	1.6	16.4	4.9
MW-113B	12/13/2019	O	14.1	66.4	13.9	<1	<1	30.3	<5	<1	<1	17	4.2

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-113B	6/25/2020	O	12.3	65.4	15.3	<1	<1	29.6	<5	3.8	1.7	18.3	3.9
MW-113B	11/17/2020	O	10.3	57.3	11.5	<1	<1	27	<5	4.2	1.4	16.9	2.6
MW-113B	6/17/2021	O	9	57	11.3	<1	<1	23.3	<5	2	1.3	15.6	5.1
MW-113B	11/9/2021	O	8.4	57.7	12.2	<1	<1	24.4	<5	2.3	1.2	15.7	4.9
MW-114A	10/5/1993	O	6	2	4	<1	<1	5	<2	<1	<1	2	NA
MW-114A	4/28/1999	O	250	6.7	46	5	5	14	10	1.9 J	5	34	<5
MW-114A	10/26/1999	O	290	7.1 J	48	25	0.34 J	11 J	50	25	25	47	25
MW-114A	1/31/2000	O	220	5 J	34	10	10	6.6 J	1.5 J	10	10	33	10
MW-114A	4/24/2000	O	160	4.2 J	26	10	10	5.6 J	20	10	10	24	10
MW-114A	7/27/2000	O	140	3.9	24	10	10	5.4	20	10	10	22	<10
MW-114A	11/13/2000	O	120	4.2	20	10	10	4.7	20	10	10	19	<10
MW-114A	4/12/2001	O	120	2.7	18	5	5	3.9	10	5	5	20	<5
MW-114A	10/31/2001	O	100	2.5	15	5	5	3.6	10	5	5	18	<5
MW-114A	4/25/2002	O	100	3.1	16	5	5	4.1	10	5	5	22	<5
MW-114A	4/25/2002	DUP	100	3.1 J	16	<5	<5	4 J	<10	<5	<5	22	<5
MW-114A	10/15/2002	O	170	10	140	10	10	7	20	10	10	38	<1
MW-114A	4/23/2003	O	80.2	3.28	12.9	1	1	4.09	2	1	1	20.8	1
MW-114A	12/26/2003	O	70.1	2.86	9.96	1	1	3.6	1	1	1	15.9	1
MW-114A	4/28/2004	O	79.9	3.69	12	5	5	4.25	10	5	5	20.8	<5
MW-114A	5/21/2005	O	28	2.5	5.7	1	1	3.3	2	1	1	7.9	<1
MW-114A	10/20/2005	O	39	2.6	7.2	1	1	2.9	2	1	1	9.8	<1
MW-114A	5/6/2006	O	44	3.4	9.4	1	1	3.7	2	1	1	12	<1
MW-114A	1/4/2007	O	51	3.5	11	1	1	3.3	2	1	1	9.6	<1
MW-114A	10/8/2007	O	34	2	7	1	1	2	2	2	1	5	<1
MW-114A	5/17/2008	O	28	2	5	2	2	3	3 J	2	2	4	2
MW-114A	11/29/2008	O	1.09	0.28 J	1	1	1	1	1	1	1	1	1
MW-114A	6/11/2009	O	0.9 J	<1	<1	<1	0.16 J	<1	<1	<1	<1	<1	<1
MW-114A	11/28/2009	O	36	1.9	3.9	<1	0.46 J	1.3	<1	<1	<1	2.7	<1
MW-114A	6/25/2010	O	70	3.2	6.6	<1	<1	2.2	<1	<1	<1	4.4	<1
MW-114A	11/27/2010	O	65	2.8	8.5	<1	<1	2.1	<1	<1	<1	4.7	<1
MW-114A	6/1/2011	O	85	4.2	10	<1	<1	2.9	<1	<1	<1	5.5	<1
MW-114A	12/28/2011	O	65	3.6	9.1	<1	<1	2.6	<5	0.18 J	<1	4.1	<1
MW-114A	6/27/2012	O	71	4.3	5.6	<1	0.21 J	3	<5	<1	<1	4.2	<1
MW-114A	11/24/2012	O	27	2.9	1.6	<1	<1	2.4	<5	<1	0.22 J	1.8	<1
MW-114A	6/7/2013	O	82	5.5	11	<1	<1	4.3	<5	<1	<1	4.7	<1
MW-114A	12/19/2013	O	43	3.1	5.8	<1	<1	2.7	<5	0.19 J	<1	2.3	<1
MW-114A	6/14/2014	O	52	6.3	5.5	<1	<1	4.8	5	0.23 J	<1	3.1	<1
MW-114A	11/24/2014	O	38	4.6	4.9	<1	<1	4.1	<5	0.27 J	<1	3.1	<1
MW-114A	6/13/2015	O	38	5.6	5.7	<1	<1	5.1	<5	0.27 J	<1	2.7	<1
MW-114A	11/11/2015	O	45	6.5	4.7	<1	<1	5.3	0.39 J	0.31 J	0.33 J	3.2	<1
MW-114A	6/28/2016	O	27	3.5	4.1	<1	<1	2.3	<5	0.27 J	<1	1.9	<1
MW-114A	11/27/2016	O	47	6.5	7.1	<1	<1	4	<5	0.36 J	<1	2.9	<1
MW-114A	6/5/2017	O	27	5.5	4.9	<1	<1	4.2	<5	<1	<1	1.8	<1
MW-114A	12/2/2017	O	36.1	6.4	5.9	<1	<1	3.8	<1	0.31 J	<1	2.5	<1
MW-114A	6/21/2018	O	40.6	9.4	6.4	<1	<1	4.9	<1	0.34 J	<1	2.7	<1
MW-114A	11/10/2018	O	28.6	7.2	4.7	<1	<1	3.5	<1	0.31 J	<1	2	<1
MW-114A	6/22/2019	O	23.5	7.2	4.5	<1	<1	3.2	<5	<1	<1	1.6	<1
MW-114A	12/14/2019	O	25.7	7.5	3.7	<1	<1	3.2	<5	<1	<1	1.4	<1
MW-114A	6/25/2020	O	25.7	6.4	4.1	<1	<1	2.5	<5	<1	<1	1.5	<1
MW-114A	11/18/2020	O	9.6	3.1	1.5	<1	<1	1.4	<5	<1	<1	<1	<1
MW-114A	6/16/2021	O	9.2	4.7	1.9	<1	<1	2.2	<5	<1	<1	0.71 J	<1
MW-114A	11/11/2021	O	29.8	8.5	4.8	<1	<1	4.1	<5	<1	<1	1.7	<1
MW-114B	10/4/1993	O	6	14	4	<2	<2	12	<3	<2	<2	6	NA
MW-114B	4/28/1999	O	4	0.89	0.6	1	1	3.3	2	1	1	6.2	<1
MW-114B	10/26/1999	O	1.2	1	0.46 J	1	1	3.3	2	0.66 J	1	8.2	1
MW-114B	1/31/2000	O	1	0.81 J	0.18 J	1	1	2.3	2	1	1	5.7	1
MW-114B	4/24/2000	O	0.05 J	0.68 J	0.11 J	1	1	1.7	2	1	1	1.8	1
MW-114B	7/27/2000	O	1	1	0.26	1	1	3	2	1	1	7.9	<1
MW-114B	7/27/2000	DUP	<1	1	0.26 J	<1	<1	3	<2	<1	<1	7.5	<1

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-114B	11/13/2000	O	1	1.2	0.13	1	1	2.4	2	1	1	3.5	<1
MW-114B	4/12/2001	O	1	0.98	0.26	1	1	2.9	2	1	1	8.2	<1
MW-114B	10/31/2001	O	1	0.96	0.13	1	1	2.2	2	1	1	4.8	<1
MW-114B	4/25/2002	O	1	1.1	0.29	1	1	3	2	1	0.04	7.2	<1
MW-114B	10/15/2002	O	1	2	1	3	1	3	0.6	1	1	9	<1
MW-114B	4/23/2003	O	1	1.15	1	1	1	2.84	2	1	1	8.8	1
MW-114B	12/26/2003	O	1	1.25	1.07	1	1	2.98	1	1	1	8.91	1
MW-114B	4/28/2004	O	1	1.21	1	1	1	2.87	2	1	1	8.82	<1
MW-114B	5/21/2005	O	1	1.5	1	1	1	2.3	2	1	1	7.6	<1
MW-114B	10/20/2005	O	1	1.6	1	1	1	2.3	2	1	1	8.8	<1
MW-114B	5/6/2006	O	1	1	1	1	1	2.1	2	1	1	8.7	<1
MW-114B	1/4/2007	O	1	1.4	1	1	1	1.8	2	1	1	6.7	<1
MW-114B	1/4/2007	DUP	<1	1.6	<1	<1	<1	1.8	<2	<1	<1	6.4	<1
MW-114B	10/8/2007	O	1	2	0.5	1	1	2	2	1	1	6	<1
MW-114B	5/17/2008	O	1	2	1	1	1	2	2	1	1	9	1
MW-114B	12/18/2008	O	1	1.6	0.67 J	1	1	2	1	1	1	6.8	1
MW-114B	6/20/2009	O	<1	1.8	0.67 J	<1	<1	2.2	<1	<1	<1	6.5	<1
MW-114B	11/28/2009	O	<1	2.2	1	<1	<1	2	<1	<1	<1	6.7	<1
MW-114B	11/28/2009	DUP	<1	2.4	0.93 J	<1	<1	1.9	<1	<1	<1	6.8	<1
MW-114B	6/25/2010	O	<1	2.1	0.84 J	<1	<1	2	<1	<1	<1	6.3	<1
MW-114B	6/25/2010	DUP	<1	2	0.81 J	<1	<1	1.9	<1	<1	<1	6.3	<1
MW-114B	11/27/2010	O	<1	1.8	1	<1	<1	2.3	<1	<1	<1	7.8	<1
MW-114B	6/1/2011	O	<1	1.6	<1	<1	<1	2.1	<1	<1	<1	7.7	<1
MW-114B	6/1/2011	DUP	<1	1.6	<1	<1	<1	2.1	<1	<1	<1	7.4	<1
MW-114B	12/28/2011	O	<1	1.3	0.54 J	<1	<1	2.2	<5	<1	<1	6.7	<1
MW-114B	6/28/2012	O	<1	1.1	<1	<1	<1	1.8	<5	<1	<1	6.5	<1
MW-114B	6/28/2012	DUP	<1	1.1	0.41 J	<1	<1	1.8	<5	<1	<1	6.7	<1
MW-114B	11/24/2012	O	<1	1.3	0.44 J	<1	<1	1.9	<5	<1	<1	6.1	<1
MW-114B	11/24/2012	DUP	<1	1.3	0.38 J	<1	<1	1.8	<5	<1	<1	5.8	<1
MW-114B	6/7/2013	O	<1	1.2	<1	<1	<1	1.9	<5	<1	<1	6.9	<1
MW-114B	6/14/2014	O	<1	1.5	<1	<1	<1	1.5	5	<1	<1	4.9	<1
MW-114B	6/14/2014	DUP	<1	1.4	<1	<1	<1	1.5	5	<1	<1	4.6	<1
MW-114B	11/24/2014	O	0.24 J	1.4	<1	<1	<1	1	<5	0.28 J	<1	4	<1
MW-114B	6/13/2015	O	1	2.2	0.67 J	<1	<1	1.7	<5	0.53 J	<1	5.6	<1
MW-114B	6/13/2015	DUP	0.99 J	2.1	0.69 J	<1	<1	1.7	5	0.56 J	<1	5.6	<1
MW-114B	11/11/2015	O	0.47 J	1.9	0.58 J	<1	<1	1.6	0.67 J	0.52 J	<1	5.4	<1
MW-114B	6/28/2016	O	<1	1.6	0.46 J	<1	<1	1.4	<5	<1	<1	3.8	<1
MW-114B	6/28/2016	DUP	<1	1.6	0.34 J	<1	<1	1.5	<5	<1	<1	4	<1
MW-114B	11/27/2016	O	<1	1.9	0.46 J	<1	<1	1.5	<5	<1	<1	4.6	<1
MW-114B	6/5/2017	O	<1	1.5	0.39 J	<1	<1	1.2	<5	<1	<1	3.4	<1
MW-114B	6/5/2017	DUP	<1	1.7	0.43 J	<1	<1	1.4	<5	<1	<1	3.7	<1
MW-114B	12/2/2017	O	<1	1.8	0.46 J	<1	<1	1.6	<1	<1	<1	3.9	<1
MW-114B	6/21/2018	O	<1	1.9	0.5 J	<1	<1	1.3	<1	<1	<1	3.7	<1
MW-114B	11/10/2018	O	<1	0.57 J	<1	<1	<1	0.43 J	<1	<1	<1	0.86 J	<1
MW-114B	6/22/2019	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-114B	12/14/2019	O	<1	1.9	<1	<1	<1	0.86 J	<5	<1	<1	2	<1
MW-114B	6/25/2020	O	<1	1.9	0.4 J	<1	<1	0.92 J	<5	<1	<1	2.1	<1
MW-114B	11/18/2020	O	<1	1.7	<1	<1	<1	<1	<5	<1	<1	2.2	<1
MW-114B	11/18/2020	DUP	<1	1.6	<1	<1	<1	0.86 J	<5	<1	<1	2.1	<1
MW-114B	6/16/2021	O	<1	1.9	0.36 J	<1	<1	0.89 J	<5	<1	<1	2.1	<1
MW-114B	6/16/2021	DUP	<1	1.8	0.39 J	<1	<1	0.93 J	<5	<1	<1	3.2	<1
MW-114B	11/11/2021	O	<1	1.8	<1	<1	<1	0.79 J	<5	<1	<1	2.4	<1
MW-114B	11/11/2021	DUP	<1	1.7	<1	<1	<1	0.8 J	<5	<1	<1	2.4	<1
MW-117B	10/4/1993	O	2	<1	<1	<1	0.6	1	<2	4	<1	5	NA
MW-117B	4/22/1999	O	83	7.3	14	0.54	0.72	16	2	3.1	1	21	<1
MW-117B	10/18/1999	O	68	7.7	14	5	0.58 J	17	10	1.3 J	5	17	5
MW-117B	1/26/2000	O	59	8	9.5	5	0.36 J	18	10	1.9 J	5	22	5
MW-117B	4/17/2000	O	49	8.1	11	0.42 J	0.39 J	19	4	1.6 J	2	19	0.07 J
MW-117B	7/24/2000	O	42	6.6	9.6	2	0.49	15	4	1.7	2	17	<2

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-117B	11/7/2000	O	37	10	11	2	0.42	18	4	1.7	2	19	<2
MW-117B	4/9/2001	O	28	5.8	7.3	2	0.37	13	4	1.8	0.25	17	<2
MW-117B	10/15/2001	O	23	7.1	7.5	2	0.35	16	4	1.3	2	16	<2
MW-117B	4/16/2002	O	22	5.9	7.3	0.22	0.3	15	2	1.7	0.2	16	<1
MW-117B	10/7/2002	O	25	8	54	5	5	20	10	3	5	16	<1
MW-117B	4/22/2003	O	23.1	7.55	10.4	1	1	20.1	2	2.31	0.61 J	18.4	1
MW-117B	12/22/2003	O	21.8	5.96	9.38	1	0.99 J	18.7	1	2.25	0.53 J	16.9	1
MW-117B	4/28/2004	O	13.5	3.77	4.76	1	0.73	11.5	2	2	1	11.5	<1
MW-117B	5/21/2005	O	11	4.5	5.7	1	1	13	2	1.6	1	9.4	<1
MW-117B	10/19/2005	O	12	4.7	5.6	1	1	14	2	1.8	1	9.3	<1
MW-117B	6/28/2006	O	56	21	23	1	1	70	2	24	1	23	<1
MW-117B	11/21/2006	O	12	3.6	4	1	1	11	2	2.1	1	11	<1
MW-117B	10/6/2007	O	16	6	8	1	0.4	8	2	2	1	12	<1
MW-117B	5/17/2008	O	22	7	10	1	1	9	2	3	1	14	1
MW-117B	11/28/2008	O	24	7.91	8.73	1	0.38 J	8.11	1	4.99	1	15.8	1
MW-117B	6/9/2009	O	31	11	12	<1	0.49 J	7.9	<1	4.5	<1	17	<1
MW-117B	11/24/2009	O	24	8.5	9	<1	0.42 J	5.1	<1	5.3	<1	15	<1
MW-117B	6/24/2010	O	37	12	12	<1	0.32 J	6	<1	6.5	<1	17	<1
MW-117B	11/24/2010	O	31	11	8.1	<1	0.31 J	4.6	<1	8.4	<1	19	<1
MW-117B	5/31/2011	O	13	4.7	3.9	<1	<1	2.2	<1	7.8	<1	10	<1
MW-117B	12/22/2011	O	11	8.7	4.5	<1	0.29 J	1.8	<5	6.7	<1	8.7	<1
MW-117B	6/26/2012	O	7.8	5.9	2.6	<1	0.3 J	0.77 J	<5	5.9	<1	5.7	<1
MW-117B	11/25/2012	O	10	10	3	<1	0.35 J	1.1	<5	5.7	<1	6	<1
MW-117B	5/30/2013	O	4.4	3	1.6	<1	0.27 J	0.6 J	<5	5.2	<1	3.7	<1
MW-117B	11/29/2013	O	7.4	8.4	3.1	<1	0.39 J	0.9 J	<5	5.5	<1	4.9	<1
MW-117B	6/5/2014	O	5	4	1.9	<1	0.21 J	0.55 J	<5	5.4	<1	3.6	<1
MW-117B	11/21/2014	O	7.9	11	3.7	<1	0.3 J	0.82 J	<5	4.8	<1	4.4	<1
MW-117B	6/8/2015	O	9	11	4.4	<1	0.31 J	1.2	5	5.5	<1	6.2	<1
MW-117B	11/9/2015	O	27	16	7.7	<1	<1	1.7	0.37 J	7	<1	9.5	<1
MW-117B	6/27/2016	O	32	16	8.7	<1	0.24 J	1.6	<5	10	<1	10	<1
MW-117B	11/11/2016	O	29	16	7.5	<1	0.27 J	1.5	<5	11	<1	11	<1
MW-117B	6/6/2017	O	31	16	7.8	<1	0.25 J	1.6	<5	12	<1	10	<1
MW-117B	11/16/2017	O	38.4 J	18.3	8.7	<1	0.28 J	1.8	<1	13.5	<1	12.2	<1
MW-117B	6/18/2018	O	31.3	13.7	6.9	<1	<1	1.4	<1	13.9	<1	10.5	<1
MW-117B	11/12/2018	O	28.4	13.3	6.4	<1	<1	1.4	<1	14.5	<1	9.1	<1
MW-117B	6/21/2019	O	27.8	12.3	6.3	<1	<1	<1	<5	11.8	<1	8.1	<1
MW-117B	12/10/2019	O	12.6	<1	<1	<1	<1	<1	<5	<1	<1	4.2	<1
MW-117B	6/23/2020	O	26.6	12.7	5.9	<1	<1	0.83 J	<5	11.7	<1	8.5	<1
MW-117B	11/13/2020	O	20.6	9.2	4.2	<1	<1	<1	<5	11.9	<1	6.8	<1
MW-117B	6/14/2021	O	18.7	10.3	4.6	<1	<1	0.94 J	<5	10.8	<1	6.3	<1
MW-117B	11/10/2021	O	16.1	8.6	4.1	<1	<1	0.73 J	<5	11.4	<1	6.3	<1
MW-117C	10/4/1993	O	50	17	13	<2	<2	23	<5	<2	<2	75	NA
MW-117C	4/22/1999	O	75	54	44	2.3	0.77	69	4	6	2	36	0.79 J
MW-117C	10/18/1999	O	94	60	53	5	5	82	10	7.5	5	40	0.96 J
MW-117C	2/16/2000	O	93	61	53	5	0.82 J	94	0.8 J	9.7	0.5 J	41	0.9 J
MW-117C	4/18/2000	O	91	54	49	2.2 J	0.79 J	94	10	10	0.6 J	39	0.82 J
MW-117C	7/24/2000	O	89	55	48	2.4	1	99	10	8.7	1.1	38	0.63 J
MW-117C	11/7/2000	O	78	69	50	2.4	0.79	100	10	8.8	5	34	0.74 J
MW-117C	4/9/2001	O	99	57	59	2.3	0.84	120	10	12	0.82	42	0.72 J
MW-117C	10/15/2001	O	74	48	45	5	0.81	110	10	11	0.44	32	0.67 J
MW-117C	4/16/2002	O	82	41	469	1.6	0.75	120	0.3	16	0.74	34	0.42 J
MW-117C	10/7/2002	O	110	59	330	20	20	150	32	22	20	42	0.6 J
MW-117C	4/22/2003	O	93	40	58.2	1.35	0.85 J	123	2	23.1	1.71	44.3	0.67 J
MW-117C	12/22/2003	O	78.2	33.1	43.3	1.01	0.82 J	107	1	19.9	2.07	34.8	1
MW-117C	4/28/2004	O	66.4	30.5	37	10	10	97.3	20	20.3	10	30.1	<10
MW-117C	5/21/2005	O	59	28	34	1	1	91	2	22	1	27	<1
MW-117C	10/19/2005	O	54	25	29	1	1	84	2	20	1	26	<1
MW-117C	5/6/2006	O	50	25	26	1	1	91	2	21	1	26	<1
MW-117C	11/21/2006	O	100	41	46	1	1	140	2	36	1	44	<1

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-117C	10/6/2007	O	60	24	30	0.3	0.5	88	2	24	0.9	26	<1
MW-117C	5/17/2008	O	72	28	33	5	5	99	10	30	5	30	5
MW-117C	11/28/2008	O	57.1	24.1	25.6	0.26 J	0.55 J	85.9	1	26.5	0.31 J	23.1	1
MW-117C	6/9/2009	O	58	24	25	0.23 J	0.51 J	70	<1	26	0.33 J	23	<1
MW-117C	11/24/2009	O	51	23	24	<1	0.48 J	57	<1	26	<1	21	<1
MW-117C	6/24/2010	O	51	24	23	<1	0.42 J	40	<1	28	0.24 J	20	<1
MW-117C	11/24/2010	O	53	22	22	<1	0.38 J	34	<1	27	<1	21	<1
MW-117C	5/31/2011	O	47	25	21	<1	0.45 J	24	<1	27	<1	19	<1
MW-117C	12/22/2011	O	37	23	17	<1	0.38 J	13	<5	25	<1	17	<1
MW-117C	6/26/2012	O	37	25	17	<1	0.4 J	14	<5	23	<1	15	<1
MW-117C	11/25/2012	O	36	29	17	<1	0.35 J	7.4	<5	22	<1	14	<1
MW-117C	5/30/2013	O	27	33	14	<1	<1	12	<5	16	<1	10	<1
MW-117C	11/29/2013	O	23	34	13	<1	<1	4.7	<5	23	<1	13	<1
MW-117C	6/5/2014	O	26	38	13	<1	0.32 J	4.6	<5	24	0.28 J	14	<1
MW-117C	11/21/2014	O	25	39	13	<1	0.29 J	4.5	<5	22	<1	12	<1
MW-117C	6/8/2015	O	19	55	12	<1	0.25 J	3.8	5	21	0.19 J	12	<1
MW-117C	11/9/2015	O	24	50	11	<1	0.26 J	3	0.49 J	18	0.31 J	11	<1
MW-117C	6/27/2016	O	23	44	11	<1	0.24 J	2.1	<5	16	<1	8.8	<1
MW-117C	11/11/2016	O	24	46	11	<1	0.29 J	2.2	<5	15	<1	9.4	<1
MW-117C	6/6/2017	O	22	45	11	<1	0.23 J	2	5	16	<1	8.7	<1
MW-117C	11/16/2017	O	28.2 J	50.6	11.3	<1	0.28 J	2.2	<1	17.7	<1	10.4	<1
MW-117C	6/18/2018	O	23.5	40.4	10	<1	<1	1.8	<1	17.3	<1	8.9	<1
MW-117C	11/12/2018	O	23.4	34.2	9.2	<1	<1	1.6	<1	17.5	<1	8	<1
MW-117C	6/21/2019	O	10.9	28.4	6.7	<1	<1	4	<5	7.5	<1	4.6	<1
MW-117C	12/10/2019	O	6	23.2	<1	<1	<1	<1	<5	<1	<1	2.7	<1
MW-117C	6/23/2020	O	10.6	20.5	3.7	<1	<1	1.1	<5	5.6	<1	3.5	0.47 J
MW-117C	11/13/2020	O	6.9	11.7	2.1	<1	<1	0.9 J	<5	3.4	<1	2.2	<1
MW-117C	6/14/2021	O	8.2	11.5	2.8	<1	<1	0.95 J	<5	4.9	<1	2.8	<1
MW-117C	11/10/2021	O	12.1	13.4	4.4	<1	<1	1	<5	7.7	<1	4.5	<1
MW-117D	4/22/1999	O	110	46	50	2	0.74	110	4	17	2	38	<2
MW-117D	10/18/1999	O	97	39	44	10	10	110	1.5 J	17	10	35	10
MW-117D	2/17/2000	O	91	34	41	1.4 J	0.8 J	100	10	19	5	35	0.45 J
MW-117D	4/18/2000	O	82	29	35	1.1 J	0.63 J	90	10	17	5	32	0.38 J
MW-117D	7/24/2000	O	80	27	36	1.2	0.85	81	10	16	5	35	<5
MW-117D	11/7/2000	O	71	37	33	1	0.6	87	10	16	5	30	<5
MW-117D	4/9/2001	O	80	29	37	5	0.65	88	10	13	0.39	31	<5
MW-117D	10/16/2001	O	57	23	25	5	0.53	75	10	17	5	23	<5
MW-117D	4/16/2002	O	58	21	24	5	0.61	72	10	18	5	23	<5
MW-117D	10/7/2002	O	87	36	180	10	10	100	18	24	10	29	<1
MW-117D	4/22/2003	O	64.5	28.3	36.7	0.7 J	0.64 J	83.1	2	4.62 J	1	26	1
MW-117D	12/22/2003	O	84.2 E	28.1 E	30.4 E	1	0.61 J	102 E	1	29.6	1	31.2 E	1
MW-117D	4/28/2004	O	75.5	28.6	37.7	5	5	105	10	17.4	5	33.2	<5
MW-117D	5/21/2005	O	60	20	24	1	1	84	2	21	1	24	<1
MW-117D	10/19/2005	O	58	24	21	1	1	73	2	24	1	22	<1
MW-117D	5/6/2006	O	52	23	17	1	1	67	2	22	1	20	<1
MW-117D	5/6/2006	DUP	70	18	30	<1	<1	52	<2	23	<1	33	<1
MW-117D	11/21/2006	O	89	27	22	1	1	76	2	31	2.1	32	<1
MW-117D	10/6/2007	O	62	22	22	0.3	0.4	71	2	15	1	29	<1
MW-117D	5/17/2008	O	62	24	24	5	5	31	12	30	5	23	5
MW-117D	11/28/2008	O	58	23.3	19.5	1	0.46 J	23.5	1	28.6	0.27 J	19.4	1
MW-117D	6/9/2009	O	55	25	18	<1	0.49 J	13	<1	30	<1	20	<1
MW-117D	11/24/2009	O	49	29	19	<1	0.49 J	11	<1	28	<1	18	<1
MW-117D	6/24/2010	O	46	28	16	<1	0.33 J	5.3	<1	29	0.18 J	15	<1
MW-117D	11/24/2010	O	45	30	16	<1	0.34 J	5.6	<1	29	<1	17	<1
MW-117D	5/31/2011	O	39	37	13	<1	<1	5.4	<1	26	<1	15	<1
MW-117D	12/22/2011	O	31	38	10	<1	0.34 J	3.8	<5	23	<1	13	<1
MW-117D	6/26/2012	O	33	43	11	<1	0.41 J	2.8	<5	22	<1	12	<1
MW-117D	11/25/2012	O	34	48	12	<1	0.32 J	3	<5	19	<1	11	<1
MW-117D	5/30/2013	O	36	52	11	<1	0.31 J	2.9	<5	17	<1	10	<1

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-117D	11/29/2013	O	33	51	12	<1	0.33 J	2.9	5	18	<1	9.9	<1
MW-117D	6/5/2014	O	34	45	10	<1	0.3 J	2.6	<5	19	<1	10	<1
MW-117D	11/22/2014	O	35	48	12	<1	0.28 J	2.3	<5	18	<1	10	<1
MW-117D	6/8/2015	O	31	47	10	<1	0.31 J	2.2	5	19	0.2 J	9.6	<1
MW-117D	11/9/2015	O	27	38	8.6	<1	0.28 J	2	0.66 J	18	0.2 J	8.9	<1
MW-117D	6/27/2016	O	26	35	8.6	<1	<1	1.7	<5	15	<1	8	<1
MW-117D	11/11/2016	O	26	34	8.2	<1	0.23 J	1.7	0.25 J	14	<1	8.2	<1
MW-117D	6/6/2017	O	24	31	7.6	<1	<1	1.6	<5	16	<1	7.3	<1
MW-117D	11/16/2017	O	27.9 J	36.8	8.6	<1	0.23 J	1.7	<1	15.4	<1	8.3	<1
MW-117D	6/18/2018	O	22.7	28.4	7.5	<1	<1	1.6	<1	14.9	<1	7.3	<1
MW-117D	11/12/2018	O	23.1	24.5	6.9	<1	<1	1.5	<1	15	<1	7	<1
MW-117D	6/21/2019	O	18.7	19.1	6	<1	<1	<1	<5	11.4	<1	5.7	<1
MW-117D	12/10/2019	O	18	18.7	5.1	<1	<1	1.1	<5	13.5	<1	5.8	<1
MW-117D	6/23/2020	O	19.3	18.8	5.1	<1	<1	<1	<5	10.6	<1	5.7	<1
MW-117D	11/13/2020	O	18.2	14.7	4.9	<1	<1	<1	<5	11.7	<1	5.6	<1
MW-117D	6/14/2021	O	16.1	14.3	4.6	<1	<1	0.92 J	<5	9.8	<1	5.4	<1
MW-117D	11/10/2021	O	17.5	13	5	<1	<1	0.93 J	<5	9.9	<1	5.5	<1
MW-119	10/11/1993	O	<12	<12	<12	<12	<12	<12	<25	<12	<12	<12	NA
MW-119	5/3/1999	O	1.8	1	1	1	1	0.36	2	0.63	1	1	<5
MW-119	10/27/1999	O	2.5	0.35 J	0.26 J	1	0.25 J	1.3	2	1.4	1	2	1
MW-119	1/26/2000	O	0.75 J	0.21 J	1	1	0.19 J	1	2	0.18 J	1	0.2 J	1
MW-119	4/17/2000	O	0.79 J	0.23 J	1	1	0.16 J	1	2	0.19 J	1	0.2 J	1
MW-119	7/25/2000	O	0.88	0.26	1	1	0.12	1	2	0.22	1	0.21	<1
MW-119	11/8/2000	O	0.72	0.27	1	1	1	1	2	0.18	1	0.18	<1
MW-119	4/10/2001	O	0.85	0.26	1	1	1	1	2	0.17	1	0.19	<1
MW-119	10/16/2001	O	0.71	0.29	1	1	0.1	1	2	0.15	1	0.16	<1
MW-119	4/30/2002	O	0.95	0.31	1	1	0.1	1	2	0.18	1	0.17	<1
MW-119	10/17/2002	O	1	1	1	1	1	1	2	1	1	1	<1
MW-119	4/22/2003	O	1	1	1	1	1.07	1	2	1	1	1	1
MW-119	12/30/2003	O	0.72 J	0.67 J	0.54 J	1	7.22	0.59 J	1	1	1	1	1
MW-119	4/28/2004	O	0.62	0.51	1	1	1.67	1	2	1	1	1	<1
MW-119	5/21/2005	O	1.3	1	1	1	1	1	2	1	1	1	<1
MW-119	10/20/2005	O	1.3	1	1	1	1	1	2	1	1	1	<1
MW-119	5/6/2006	O	1.1	1.2	1	1	1	1	2	1	1	1	<1
MW-119	1/4/2007	O	1	1	1	1	1	1	2	1	1	1	<1
MW-119	10/8/2007	O	1	1	1	1	1	0.4	2	1	1	1	<1
MW-119	5/18/2008	O	1	1	1	1	1	1	2	1	1	1	1
MW-119	11/29/2008	O	1.29	0.98 J	1	1	0.3 J	0.54 J	1	1	1	0.27 J	1
MW-119	6/10/2009	O	1.2	1	<1	<1	0.64 J	0.66 J	<1	<1	<1	0.29 J	<1
MW-119	11/29/2009	O	1.2	1.4	<1	<1	0.45 J	0.61 J	<1	<1	<1	<1	<1
MW-119	6/29/2010	O	1.1	0.92 J	<1	<1	<1	1.2	<1	<1	<1	<1	<1
MW-119	11/27/2010	O	1.7	1.1	<1	<1	0.46 J	1.1	<1	<1	<1	0.42 J	<1
MW-119	6/3/2011	O	1.4	0.97 J	<1	<1	0.32 J	0.69 J	<1	<1	<1	0.37 J	<1
MW-119	12/29/2011	O	1	1	<1	<1	0.29 J	0.69 J	<5	<1	<1	0.34 J	<1
MW-119	6/27/2012	O	1.1	0.97 J	<1	<1	0.29 J	0.88 J	<5	<1	<1	<1	<1
MW-119	11/25/2012	O	1.2	0.99 J	<1	<1	0.13 J	0.8 J	<5	<1	<1	0.32 J	<1
MW-119	5/31/2013	O	1.3	1.3	<1	<1	<1	0.97 J	<5	<1	<1	<1	<1
MW-119	12/1/2013	O	0.94 J	0.93 J	<1	<1	<1	0.61 J	<5	<1	<1	0.35 J	<1
MW-119	6/14/2014	O	1.4	1.6	<1	<1	0.25 J	0.57 J	5	0.16 J	<1	0.33 J	<1
MW-119	11/22/2014	O	1.6	1.4	<1	<1	0.29 J	0.47 J	<5	1	<1	0.46 J	<1
MW-119	6/13/2015	O	1.1	1.1	<1	<1	<1	0.33 J	<5	<1	<1	0.27 J	<1
MW-119	11/15/2015	O	1.4	1	<1	<1	<1	0.32 J	0.46 J	<1	<1	0.3 J	<1
MW-119	6/27/2016	O	1	0.76 J	<1	<1	<1	<1	<5	<1	<1	0.31 J	<1
MW-119	11/12/2016	O	0.92 J	0.66 J	<1	<1	<1	<1	<5	<1	<1	0.29 J	<1
MW-119	6/4/2017	O	1.1	1.1	<1	<1	<1	0.31 J	<5	<1	<1	<1	<1
MW-119	11/24/2017	O	1.7	1.2	0.28 J	<1	<1	0.36 J	<1	<1	<1	0.33 J	<1
MW-119	6/21/2018	O	1.6	1.3	<1	<1	<1	0.38 J	<1	<1	<1	0.39 J	<1
MW-119	11/10/2018	O	1.9	1.1	<1	<1	<1	0.35 J	<1	<1	<1	0.37 J	<1
MW-119	6/23/2019	O	2.1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-119	12/14/2019	O	2	1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-119	6/22/2020	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-119	11/14/2020	O	2	1.1	<1	<1	<1	<1	<5	<1	<1	0.43 J	<1
MW-119	6/15/2021	O	2	1.2	<1	<1	<1	0.37 J	<5	<1	<1	1.1	<1
MW-119	11/10/2021	O	2.2	1.6	<1	<1	<1	<1	<5	<1	<1	0.63 J	<1
MW-121	10/15/1993	O	7	<2	<2	<2	<2	27	<5	4	<2	82	NA
MW-121	4/28/1999	O	3.8	3.4	6	5	5	7.2	10	2.7	5	26	<5
MW-121	10/26/1999	O	4.4	3.2	6.6	0.67	0.67 J	6.8	2	2.9	0.1	29	1
MW-121	1/31/2000	O	3.4	2.9	5.5	2	0.65 J	6.3	0.41 J	2.5	0.2 J	23	2
MW-121	4/18/2000	O	2.8	2.8	3	0.72 J	0.55 J	5.6	2	0.64 J	0.22 J	11	1
MW-121	7/25/2000	O	4.3	3.5	4.4	0.82	0.68	6.8	2	1.8	0.39	20	<1
MW-121	11/8/2000	O	5.1	4.6	8	0.89	0.77	7	2	2.6	0.22	22	<1
MW-121	4/10/2001	O	5.5	3.7	2	0.82	0.78	6.7	2	2.3	0.68	22	<1
MW-121	10/16/2001	O	5.9	3.8	3.6	0.81	0.82	6.5	2	2.4	0.42	19	<1
MW-121	4/17/2002	O	6.9	3.8	3	0.07	0.75	6.1	2	2.6	0.58	20	0.064 J
MW-121	10/17/2002	O	9	5	42	5	5	7	2	3	5	24	<1
MW-121	4/22/2003	O	7.18	4.3	7.28	0.55 J	0.65 J	5.74	2	2.85	1	22.6	1
MW-121	12/28/2003	O	5.79	4.76	5.11	1	1	4.61	1	2.74	1	20.3	0.68 J
MW-121	4/28/2004	O	5.84	4.37	4.58	1	0.52	4.79	2	2.43	1	18.8	<1
MW-121	5/21/2005	O	5.1	2.2	3.9	1	1	5.2	2	1.9	1	18	<1
MW-121	5/21/2005	DUP	6	2.4	4.8	<1	<1	5.3	<2	2.1	<1	20	<1
MW-121	10/20/2005	O	5.7	2.9	3.9	1	1	5.9	2	2.1	1	20	<1
MW-121	5/6/2006	O	4.8	2.5	3.3	1	1	5.3	2	2.3	1	22	<1
MW-121	1/3/2007	O	3.9	1.4	1.7	1	1	3	2	1.9	1	20	<1
MW-121	10/7/2007	O	5	2	2	1	0.7	6	2	2	0.4	22	<1
MW-121	5/18/2008	O	5	2	2	1	1	6	2	2	1	25	1
MW-121	11/29/2008	O	2.67	1.36	1	1	0.56 J	3.42	1	1.84	0.55 J	14.4	1
MW-121	6/11/2009	O	4	1.9	<1	<1	0.65 J	4.8	<1	2.3	0.76 J	23	<1
MW-121	11/25/2009	O	3.1	2.1	1.8	<1	0.63 J	4.3	<1	2	<1	20	<1
MW-121	6/29/2010	O	2	2.9	1.7	<1	<1	3.7	<1	1.5	<1	16	<1
MW-121	11/25/2010	O	3.4	4.6	2.5	<1	0.6 J	4.3	<1	2.1	<1	22	<1
MW-121	6/3/2011	O	4.2	9.6	4.1	<1	0.63 J	4.7	<1	1.8	0.42 J	19	<1
MW-121	12/29/2011	O	6.6	15	6.9	<1	0.75 J	4.9	<5	1.8	0.51 J	18	<1
MW-121	6/27/2012	O	10	21	5.5	<1	0.86 J	5.1	<5	1.6	0.62 J	19	<1
MW-121	11/25/2012	O	12	23	3	<1	0.76 J	5.3	<5	1.5	0.74 J	18	<1
MW-121	5/31/2013	O	15	29	9.9	<1	0.84 J	6.2	<5	1.6	0.54 J	22	<1
MW-121	12/1/2013	O	15	29	6.6	<1	0.74 J	5.9	<5	1.6	0.57 J	22	<1
MW-121	6/4/2014	O	22	37	13	<1	0.82 J	7.1	<5	1.9	0.71 J	26	<1
MW-121	11/23/2014	O	20	42	8.7	<1	0.84 J	6.4	<5	1.6	0.92 J	25	<1
MW-121	6/13/2015	O	22	45	18	<1	0.74 J	5.8	5	1.6	0.62 J	25	<1
MW-121	11/15/2015	O	11	16	5.5	<1	0.27 J	1.9	0.71 J	1.5	<1	17	<1
MW-121	6/26/2016	O	26	54	21	<1	0.66 J	4.6	<5	1.4	0.76 J	25	<1
MW-121	11/17/2016	O	30	61	22	<1	0.71 J	4.9	<5	1.7	0.75 J	29	<1
MW-121	6/4/2017	O	29	68	26	<1	0.65 J	4.5	<5	1.5	0.77 J	26	<1
MW-121	11/24/2017	O	31.6	68.7	31.4	<1	0.63 J	4.7	<1	1.4	0.81 J	28.7	<1
MW-121	6/17/2018	O	34.9	83.4	34.6	<1	0.62 J	4.9	<1	1.6	0.91 J	33.6	<1
MW-121	11/11/2018	O	37.5	79.7	38.2	<1	<1	4.7	<1	1.6	0.93 J	32.4	<1
MW-121	6/23/2019	O	37.4	<1	41.2	<1	<1	4.7	<5	<1	<1	32.7	<1
MW-121	12/8/2019	O	43.4	101	41.2	<1	<1	5.4	<5	1.5	<1	35.7	<1
MW-121	6/21/2020	O	46.3	118	50.3	<1	<1	5.4	<5	1.2	1.2	41.2	<1
MW-121	11/15/2020	O	46.3	92.5	50.9	<1	<1	5.2	<5	1.4	1	40.3	<1
MW-121	6/13/2021	O	46.2	104	39.6	<1	0.6 J	5.7	<5	1.3	1	39.2	<1
MW-121	11/7/2021	O	50.7	112	72.7	<1	0.17 J	6.3	<5	1.5	1.1	42.9	<1
MW-124	10/18/1993	O	1,400	150	410	<120	<120	210	<120	50	NA	140	NA
MW-124	4/28/1999	O	540	75	97	10	10	1,200	20	47	10	36	3.4 J
MW-124	4/28/1999	DUP	540	75	97	<10	<10	1,100	20	47	<10	36	3.4 J
MW-124	10/27/1999	O	280	50	41 J	50	50	560	8.2 J	28 J	50	28 J	6.9 J
MW-124	1/31/2000	O	190	95	36	25	25	540	50	12 J	25	20 J	44
MW-124	4/24/2000	O	100	92	24 J	25	0.72 J	440	50	3.8 J	3.9 J	14 J	63

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-124	7/25/2000	O	79	89	20	20	20	330	40	20	20	10	60
MW-124	11/13/2000	O	75	110	20	20	20	300	40	2.7	20	12	63
MW-124	4/12/2001	O	230	47	35	20	20	240	40	30	2.1	24	13 J
MW-124	10/29/2001	O	110	98	19	10	10	190	20	6.2	1.4	16	76
MW-124	4/17/2002	O	210	64	35	20	20	370	40	30	12	26	16 J
MW-124	4/17/2002	DUP	200	65	41	<20	<20	370	<40	30	5.7 J	<20	18 J
MW-124	10/17/2002	O	290	92	230	20	20	360	40	35	20	33	21
MW-124	4/25/2003	O	119	71.4	26.4	1.32	1	213	2	13.5	8.35	18.9	39.2
MW-124	12/28/2003	O	94.7	83.2	20.1	1.34	1	174 E	1	10.6	6.96	15.6	40
MW-124	4/28/2004	O	185	197	43.6	40	40	389	80	34.6	40	26.7	24 J
MW-124	5/21/2005	O	120	340	37	5	5	420	10	8.4	5	18	110
MW-124	10/20/2005	O	76	250	25	1	1	260	2	6.6	1.5	15	H
MW-124	5/6/2006	O	120	320	29	1.2	1	370	2	15	1.5	18	61
MW-124	1/4/2007	O	110	370	15	10	10	250	20	10	10	10	<10
MW-124	10/7/2007	O	100	620	28	0.7	1	300	2	8	4	12	120
MW-124	5/18/2008	O	190	870	42	40	40	320	80	40	40	40	64
MW-124	11/29/2008	O	90	415	16.1	5	5	144	1.45 J	11.8	1.4 J	10.4	32.1
MW-124	6/10/2009	O	100	500	18	<5	1 J	150	<5	14	<5	10	23
MW-124	11/29/2009	O	98	510	22	<5	<5	170	<5	16	<5	9.4	21
MW-124	6/29/2010	O	82	500	20	<5	<5	220	1.9 J	14	<5	8.6	30
MW-124	11/27/2010	O	95	490	25	<5	<5	280	<5	14	<5	9.2	30
MW-124	6/3/2011	O	120	450	28	<5	<5	240	2.4 J	13	<5	7.4	23
MW-124	12/29/2011	O	96	370	20	<5	<5	130	<25	12	<5	5.9	17
MW-124	6/27/2012	O	90	420	17	<5	<5	100	<25	9.5	<5	5.2	23
MW-124	11/25/2012	O	50	330	9.6	<2	<2	70	1 J	5.2	0.9 J	4.3	30
MW-124	6/4/2013	O	84	350	13	<2.5	<2.5	92	5.8 J	10	<2.5	4.9	14
MW-124	12/1/2013	O	40	280	8.6	<2.5	<2.5	82	12	7.4	<2.5	4.1	20
MW-124	6/14/2014	O	49	480	9.2	<2.5	<2.5	120	12	7.8	0.9 J	4.3	41
MW-124	11/23/2014	O	41	420	10	<2.5	<2.5	130	12	7.8	1.2 J	4.9	31
MW-124	6/13/2015	O	39	200	6.6	<2.5	<2.5	63	12	9.1	0.8 J	4.6	9.2
MW-124	11/15/2015	O	28	85	4.8	<1	<1	29	5	8	0.56 J	3.3	3.9
MW-124	6/26/2016	O	30	53	5.6	<1	<1	18	<5	9.1	0.53 J	3.5	2.2
MW-124	11/12/2016	O	29	50	6	<1	<1	22	0.31 J	8.4	0.68 J	3.8	2.6
MW-124	11/17/2016	DUP	29	37	4.7	<1	<1	17	<5	8.1	0.51 J	3.8	2.3
MW-124	6/4/2017	O	26	42	5.8	<1	<1	20	<5	8.9	0.64 J	3.4	2.3
MW-124	11/24/2017	O	24	35.5	6.3	<1	<1	18.6	<1	8.2	0.71 J	3.4	2.1
MW-124	6/17/2018	O	27.1	22.2	5.4	<1	<1	10.5	<1	10.1	0.34 J	3.3	1.2
MW-124	11/12/2018	O	28	26.9	5.5	<1	<1	14	<1	10.3	0.55 J	3.2	1.3
MW-124	6/16/2019	O	25.2	27.4	5.5	<1	<1	14.7	<5	7.9	0.58 J	2.6	1.4
MW-124	12/8/2019	O	23.1	31.4	4.9	<1	<1	15.5	<5	8.1	<1	2.7	<1
MW-124	6/21/2020	O	25.9	25.6	5.3	<1	<1	13.6	<5	7.9	<1	2.9	1.2
MW-124	11/18/2020	O	22.1	26	4.8	<1	<1	14.5	<5	9	0.51 J	2.8	2
MW-124	6/13/2021	O	22.7	25.1	4.6	<1	<1	13.2	<5	7	0.53 J	2.8	2.1
MW-124	6/13/2021	DUP	22.2	26.2	4.5	<1	<1	13.3	<5	6.5	0.49 J	2.7	2.2
MW-124	11/7/2021	O	24.5	22.4	4.7	<1	<1	12.6	<5	8.1	0.34 J	3	1.2
MW-130	10/19/1993	O	1,000	26	10	<67	<67	25	8	<67	NA	28	NA
MW-130	4/28/1999	O	670	19	11	1	0.19	24	2	5.3	1	17	<1
MW-130	4/28/1999	DUP	670	18	10	<1	0.17 J	23	<2	5.3	<1	17	<1
MW-130	10/28/1999	O	370	10 J	4.9 J	25	25	7.8 J	50	25	25	8.2 J	25
MW-130	2/16/2000	O	460	11 J	3.6 J	25	25	7.5 J	50	25	25	8.5 J	25
MW-130	4/24/2000	O	510	12 J	3.1 J	50	50	7.7 J	100	50	50	8.3 J	50
MW-130	7/27/2000	O	670	13	3.3	20	20	7.7	40	20	20	8.5	<20
MW-130	11/14/2000	O	390	12	4.3	25	25	7.2	50	25	25	7	<25
MW-130	4/12/2001	O	440	10	20	20	20	5.7	40	20	20	6.2	<20
MW-130	10/30/2001	O	660	14	50	50	50	50	100	50	50	50	<50
MW-130	10/30/2001	DUP	610	15 J	<50	<50	<50	6.5 J	<100	<50	<50	8.1 J	<50
MW-130	4/30/2002	O	360	11	1.6	25	25	5.7	50	0.97	25	5.4	<25
MW-130	10/17/2002	O	840	50	54	50	50	50	43	50	50	50	<1
MW-130	4/25/2003	O	322	11.6 J	5.33	1	0.1 J	7.5	2	1.37	0.48 J	5.94	1

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-130	4/25/2003	DUP	341	11.3 J	5.68	1	0.11 J	7.84	2	1.37	0.43 J	6.15	1
MW-130	12/28/2003	O	263	10.3	5.65	1	1	8.09	1	1.11	1	5.46	1
MW-130	4/28/2004	O	157	11	10	10	10	10.6	20	10	10	10	<10
MW-130	5/21/2005	O	210	14	4	1	1	11	2	1	1	3.5	<1
MW-130	10/20/2005	O	210	16	4.2	1	1	14	2	1	1	3.6	<1
MW-130	5/8/2006	O	140	16	4.1	1	1	14	2	1	1	3.6	<1
MW-130	1/4/2007	O	160	20	4.6	1	1	18	2	1	1	4.3	<1
MW-130	10/7/2007	O	170	17	5	1	1	21	2	0.6	0.6	4	<1
MW-130	5/17/2008	O	200	22	10	10	10	25	20	10	10	10	10
MW-130	11/29/2008	O	198	21.9	4.18	2	2	21	0.56 J	0.56 J	0.4 J	4.26	2
MW-130	6/11/2009	O	300	26	4.3	<2	0.48 J	20	<2	0.9 J	<2	4.3	<2
MW-130	11/29/2009	O	320	31	5.5	<2	<2	12	<2	<2	<2	3.3	<2
MW-130	6/29/2010	O	1,100	70	15	<10	<10	17	2.9 J	<10	<10	7.6 J	<10
MW-130	11/27/2010	O	430	29	8.4	<5	<5	8.3	<5	<5	<5	3.6 J	<5
MW-130	6/3/2011	O	250	20	5.4	<2.5	<2.5	6.5	1 J	<2.5	<2.5	3.8	<2.5
MW-130	12/28/2011	O	100	9.7	2.7	<1	<1	4.1	<5	0.68 J	<1	2.7	<1
MW-130	6/25/2012	O	68	7.7	1.9	<1	0.26 J	3	<5	0.65 J	<1	2.1	<1
MW-130	11/24/2012	O	47	7.5	1.7	<1	<1	2.5	<5	0.64 J	<1	1.9	<1
MW-130	6/7/2013	O	32	7.6	1.5	<1	<1	2.2	<5	0.7 J	<1	1.8	<1
MW-130	12/1/2013	O	16	8.4	1.2	<1	<1	2.2	<5	0.65 J	<1	1.6	<1
MW-130	6/14/2014	O	13	12	1.4	<1	<1	2.5	5	0.49 J	0.29 J	1.7	<1
MW-130	11/23/2014	O	9.3	12	1.5	<1	0.34 J	2.5	<5	1	<1	1.8	<1
MW-130	6/13/2015	O	13	9.7	1.4	<1	0.34 J	2	<5	0.53 J	0.25 J	1.6	<1
MW-130	11/15/2015	O	9.5	9.4	0.85 J	<1	0.27 J	1.9	0.48 J	0.43 J	0.3 J	1.4	<1
MW-130	6/28/2016	O	7.4	9.7	1.4	<1	0.24 J	2	<5	0.44 J	<1	1.5	<1
MW-130	11/13/2016	O	7.6	9.8	1.2	<1	<1	1.9	0.27 J	0.4 J	<1	1.6	<1
MW-130	6/5/2017	O	9.1	12	1.9	<1	<1	2	<5	0.45 J	<1	1.5	<1
MW-130	11/24/2017	O	9.7	14.5	3.1	<1	<1	1.9	<1	0.47 J	0.3 J	1.6	<1
MW-130	6/21/2018	O	6.3	11.3	2.7	<1	<1	1.9	<1	0.39 J	<1	1.6	<1
MW-130	11/10/2018	O	6.2	8.8	1.7	<1	<1	1.6	<1	0.48 J	<1	1.5	<1
MW-130	6/22/2019	O	4.2	5.3	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-130	12/14/2019	O	4.3	5.4	0.65 J	<1	<1	0.97 J	<5	<1	<1	0.92 J	<1
MW-130	6/22/2020	O	<1	4.3	<1	<1	<1	<1	<5	<1	<1	0.65 J	<1
MW-130	11/17/2020	O	2.9	3.5	<1	<1	<1	0.62 J	<5	0.94 J	<1	<1	<1
MW-130	6/15/2021	O	2.6	3.2	<1	<1	<1	0.44 J	<5	0.32 J	<1	1.2	<1
MW-130	11/9/2021	O	3.1	3.4	<1	<1	<1	0.48 J	<5	0.46 J	<1	0.65 J	<1
MW-133A	10/20/1993	O	0.8	<1	<1	<1	<1	<1	<2	<1	<1	<1	NA
MW-133A	4/26/1999	O	0.95	1	1	1	1	0.27	2	0.37	1	1.1	<1
MW-133A	10/26/1999	O	4.6	0.52 J	0.66 J	1	0.03 J	1.8	2	1	1	4.8	1
MW-133A	2/15/2000	O	0.38 J	0.08 J	1	1	1	0.16 J	2	1	1	1	1
MW-133A	4/25/2000	O	0.35 J	1	1	1	1	1	2	1	1	1	1
MW-133A	7/27/2000	O	1	1	1	1	1	1	2	1	1	1	<10
MW-133A	11/16/2000	O	0.81	1	1	1	1	0.49	2	1	1	0.11	<1
MW-133A	4/10/2001	O	1	1	1	1	1	1	2	1	1	1	<1
MW-133A	10/31/2001	O	1	0.41	0.1	1	1	1.2	2	1	1	0.19	<1
MW-133A	4/29/2002	O	0.06	1	1	1	1	0.04	2	1	1	1	<1
MW-133A	10/16/2002	O	3	1	1	1	1	4	0.6	1	1	1	<1
MW-133A	4/25/2003	O	5.2	2.96	1.05	1	1	11.7	2	1	1	0.98 J	1
MW-133A	12/30/2003	O	2.51	1.92	0.53 J	1	1	6.34	1	1	1	1	1
MW-133A	4/28/2004	O	1	1	1	1	1	1	2	1	1	1	<1
MW-133A	5/2/2005	O	1	1	1	1	1	1	2	1	1	1	<1
MW-133A	11/2/2005	O	1	1	1	1	1	1	2	1	1	1	<1
MW-133A	6/22/2006	O	1	1	1	1	1	1	2	1	1	1	<1
MW-133A	11/16/2006	O	1	1	1	1	1	1	2	1	1	1	<1
MW-133A	10/7/2007	O	1	1	1	1	1	1	1	1	1	1	<1
MW-133A	5/17/2008	O	1	1	1	1	1	1	2	1	1	1	1
MW-133A	11/26/2008	O	0.32 J	1	1	1	1	0.26 J	1	1	1	1	1
MW-133A	6/20/2009	O	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-133A	6/20/2009	DUP	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-133A	11/28/2009	O	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-133A	6/25/2010	O	0.26 J	<1	<1	<1	<1	0.23 J	<1	<1	<1	<1	<1
MW-133A	11/27/2010	O	0.86 J	0.21 J	<1	<1	<1	0.91 J	<1	<1	<1	<1	<1
MW-133A	11/27/2010	DUP	0.82 J	<1	<1	<1	<1	0.79 J	<1	<1	<1	<1	<1
MW-133A	6/2/2011	O	<1	<1	<1	<1	<1	<1	0.28 J	<1	<1	<1	<1
MW-133A	12/28/2011	O	0.67 J	<1	<1	<1	<1	0.67 J	<5	<1	<1	<1	<1
MW-133A	6/28/2012	O	0.3 J	<1	<1	<1	<1	0.4 J	<5	<1	<1	<1	<1
MW-133A	6/7/2013	O	0.33 J	0.44 J	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-133A	11/30/2013	O	0.39 J	<1	<1	<1	<1	0.27 J	5	<1	<1	<1	<1
MW-133A	6/13/2014	O	<1	<1	<1	<1	<1	<1	5	<1	<1	<1	<1
MW-133A	11/24/2014	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-133A	6/15/2015	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-133A	11/10/2015	O	<1	<1	<1	<1	<1	<1	0.71 J	<1	<1	<1	<1
MW-133A	6/28/2016	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-133A	11/16/2016	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-133A	6/10/2017	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-133A	11/24/2017	O	0.34 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-133A	6/21/2018	O	0.31 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-133A	11/11/2018	O	0.76 J	0.34 J	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-133A	6/23/2019	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-133A	12/14/2019	O	4	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-133A	6/25/2020	O	4	2.6	0.39 J	<1	<1	0.66 J	<5	<1	<1	0.62 J	<1
MW-133A	11/18/2020	O	3.9	1.9	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-133A	6/17/2021	O	5.1	4.7	0.78 J	<1	<1	1.3	<5	<1	<1	<1	<1
MW-133A	11/9/2021	O	3.3	2.3	<1	<1	<1	0.54 J	<5	<1	<1	0.53 J	<1
MW-133B	10/20/1993	O	1,200	270	130	<100	<100	810	<100	160	NA	380	NA
MW-133B	4/26/1999	O	840	200	110	4.6	10	780	4	110	7	270	<2
MW-133B	10/26/1999	O	630	170	67	50	7.9 J	810	6.8 J	77	7.1 J	190	50
MW-133B	2/15/2000	O	730	180	100	50	9.3 J	840	100	120	50	250	50
MW-133B	4/25/2000	O	620	170	78	50	12 J	600	100	76	50	190	50
MW-133B	7/27/2000	O	760	160	88	4.1	12	670	40	94	10	220	<20
MW-133B	11/16/2000	O	570	200	88	25	11	530	50	94	9.5	230	<25
MW-133B	4/10/2001	O	830	200	46	50	13	660	100	140	43	300	<50
MW-133B	10/31/2001	O	700	180	7	50	12	510	100	110	49	250	<50
MW-133B	4/29/2002	O	570	150	25	3.7	9.1	460	50	99	54	170	<25
MW-133B	10/16/2002	O	800	250	650	50	50	820	31	140	50	290	<1
MW-133B	4/25/2003	O	617	158	40.4	3.97	10.7	571	2	112	24.5	237	1
MW-133B	12/30/2003	O	510 E	151	81.6	1	9.91	562 E	1	109	16.3	240	1
MW-133B	4/28/2004	O	622	161	106	10	10	803	20	111	10	216	<100
MW-133B	5/2/2005	O	460	120	70	5	5.6	630	10	81	17	160	<5
MW-133B	5/2/2005	DUP	420	120	74	<5	5.7	580	<10	87	13	150	<5
MW-133B	11/2/2005	O	620	180	98	5	8.2	930	10	110	28	220	<5
MW-133B	6/22/2006	O	430	110	54	10	10	720	20	68	11	120	<10
MW-133B	6/22/2006	DUP	450	120	53	<10	<10	710	<20	80	17	140	<1
MW-133B	11/16/2006	O	10	160	10	10	10	740	50	85	78	170	<10
MW-133B	10/7/2007	O	600	160	84	3	6	930	2	110	38	200	<1
MW-133B	5/17/2008	O	440	130	60	40	40	900	80	59	40	110	40
MW-133B	11/26/2008	O	955	308	12	5.4 J	8 J	1,860	3.2 J	126	193	208	10
MW-133B	6/20/2009	O	710	230	19	4.3 J	7.3 J	1,400	<10	110	140	170	<10
MW-133B	11/28/2009	O	820	280	100	<20	7.8 J	2,000	<20	110	84	190	<20
MW-133B	6/25/2010	O	680	230	81	4 J	5.4 J	1,700	<20	96	47	150	<20
MW-133B	11/27/2010	O	790	240	120	<20	<20	1,900	<20	110	11 J	180	<20
MW-133B	6/2/2011	O	420	150	56	2.9 J	3.8 J	1,200	11	70	29	120	<10
MW-133B	12/28/2011	O	470	180	5.3 J	3.9 J	4.9 J	1,100	<50	73	100	100	<10
MW-133B	6/28/2012	O	470	180	25	<10	5.2 J	1,200	11 J	65	60	92	<10
MW-133B	11/24/2012	O	420	160	49	3.3 J	6 J	1,300	<50	64	49	96	<10
MW-133B	6/7/2013	O	390	130	45	<5	2.8 J	530	4.8 J	61	19	68	<5
MW-133B	11/30/2013	O	490	190	86	2.3 J	4 J	960	25	74	21	98	<5
MW-133B	6/13/2014	O	410	160	58	1.3 J	4 J	430	25	72	20	74	<5

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-133B	11/24/2014	O	480	170	48	<5	4.4 J	160	<25	78	12	68	<5
MW-133B	6/15/2015	O	420	170	50	<5	4.4 J	140	5	72	11	64	<5
MW-133B	11/10/2015	O	490	170	50	<5	3.4 J	110	2 J	67	11	54	<5
MW-133B	6/28/2016	O	470	170	71	<5	3 J	93	<25	64	8.1	47	<5
MW-133B	11/16/2016	O	440	150	47	<5	2.8 J	74	25	57	6.8	44	<5
MW-133B	6/10/2017	O	330	130	31	<2.5	2.7	66	3.7 J	53	7.2	37	1.7 J
MW-133B	11/24/2017	O	316	138	44.3	<2.5	3.2	72.5	<2.5	58.9	7.6	46.4	<2.5
MW-133B	6/21/2018	O	460 J	159	65.2	<5	2.6 J	57.4	8.6	58.7	6.4	33	<5
MW-133B	11/11/2018	O	362	127	59.5	<5	<5	51.5	<5	58.5	5.2	32.9	<5
MW-133B	6/23/2019	O	300	<1	37.4	<1	1.7	31.6	<5	44.4	4.3	23.4	<1
MW-133B	12/14/2019	O	241	90.7	41	<1	1.8	31.2	<5	40.7	3.6	22.1	<1
MW-133B	6/25/2020	O	244	94	42.3	<1	1.8	30.1	<5	47.9	3.8	25.9	<1
MW-133B	11/18/2020	O	203	71.3	35.8	<1	1.4	23.2	<5	42.7	2.8	19.6	<1
MW-133B	6/17/2021	O	176	70.9	23.4	<1	1.2	18.3	<5	35	2.9	16.9	<1
MW-133B	11/9/2021	O	204	76	16.3	<1	0.34 J	19.4	<5	38.1	2.9	18.1	<1
MW-133C	10/20/1993	O	340	76	75	<20	<20	120	<20	44	NA	170	NA
MW-133C	4/26/1999	O	200	57	47	2.8	8.5	100	10	28	5	110	<5
MW-133C	10/26/1999	O	170	49	40	10	7.2 J	91	20	22	1.1 J	93	10
MW-133C	2/15/2000	O	110	31	23	2.3 J	5.4	32	10	2.5 J	0.42 J	55	5
MW-133C	4/25/2000	O	100	28	21	10	4.7	28	20	1.2 J	0.34 J	48	10
MW-133C	7/27/2000	O	91	28	18	2.2	4.9	30	10	0.82	5	34	<5
MW-133C	7/27/2000	DUP	100	31	21	2.4 J	5.4	32	<10	1 J	0.55 J	44	<5
MW-133C	11/16/2000	O	95	35	22	2.2	5.2	31	10	1.2	5	47	<5
MW-133C	4/10/2001	O	130	36	28	10	6.2	36	20	1.6	10	62	<10
MW-133C	10/31/2001	O	100	31	14	5	5.1	31	10	5	5	31	<5
MW-133C	10/31/2001	DUP	100	32	18	2 J	5.3	33	<10	<5	<5	40	<5
MW-133C	4/29/2002	O	120	33	26	1.8	5.4	45	0.49	4.5	0.73	58	<5
MW-133C	10/16/2002	O	140	49	150	10	6	51	6	10	10	66	<1
MW-133C	10/16/2002	DUP	150	49	180	<2	7	53	0.9 J	2	5	74	<1
MW-133C	4/25/2003	O	113	31.6	26.5	1.86	5.04 J	39.2	2	2.41	1.04	60.7	1
MW-133C	12/30/2003	O	136	40.7 E	32.5	2.01	5.64	49.5	1	3.02	0.8 J	74.4	1
MW-133C	4/28/2004	O	124	34.7	29.2	10	5.42	47.2	20	10	10	63.7	<10
MW-133C	5/2/2005	O	130	37	31	1.8	5.7	53	2	2.6	0.59	63	<1
MW-133C	11/2/2005	O	150	46	43	5	6.5	70	10	5	5	75	<5
MW-133C	6/22/2006	O	150	44	42	1	7.3	71	2	4.3	1.3	78	<1
MW-133C	11/16/2006	O	220	61	23	1.9	7.7	86	2	5.1	3.5	110	<1
MW-133C	10/7/2007	O	170	50	51	2	7	88	2	5	2	88	<1
MW-133C	5/17/2008	O	180	57	58	8	8	110	16	8	8	94	8
MW-133C	5/17/2008	DUP	200 E	55 E	58 E	2	7	110 E	2	6	2	100 E	1
MW-133C	11/26/2008	O	182	53.6	24.6	1.92	7.82	96.9	0.23 J	6.06	6.93	94.8	1
MW-133C	6/20/2009	O	190	59	36	2	7.4	110	<1	6	9.7	100	<1
MW-133C	11/28/2009	O	170	58	53	1.8	7.1	110	<1	6.2	1.2	94	<1
MW-133C	6/25/2010	O	180	54	50	1.8	6.9	130	<1	8.6	1.3	89	<1
MW-133C	11/27/2010	O	180	47	46	1.8	6.1	130	<1	10	0.3 J	94	<1
MW-133C	6/2/2011	O	160	56	51	1.8	6.3	180	0.47 J	16	1.5	95	<1
MW-133C	12/28/2011	O	140	50	41	1.8	5.8	130	<5	9.7	2	76	<1
MW-133C	6/28/2012	O	150	51	40	1.6	5.7	130	<5	6.6	1.7	81	<1
MW-133C	11/24/2012	O	140	49	41	1.6	5.3	130	<5	6.6	1.5	75	<1
MW-133C	6/7/2013	O	160	52	47	1.3	5.3	130	<5	7.5	1.6	77	<1
MW-133C	11/30/2013	O	160	52	46	1.3	5.2	140	5	7.5	1.4	83	<1
MW-133C	6/13/2014	O	190	68	53	1.6	6.8	160	5	8.5	2.1	88	<1
MW-133C	11/24/2014	O	150	58	47	1.3	5.8	130	<5	6.6	2.2	83	<1
MW-133C	6/15/2015	O	170	56	45	1.3	5.5	130	5	8.6	2.5	86	<1
MW-133C	11/10/2015	O	150	54	44	0.98 J	4.9	100	0.66 J	13	2.1	85	<1
MW-133C	6/28/2016	O	160	64	55	0.85 J	5	100	<5	23	2.3	78	<1
MW-133C	11/16/2016	O	150	54	43	0.91 J	4.8	82	5	12	1.9	79	<1
MW-133C	6/10/2017	O	140	56	45	0.87 J	4.4	76	<5	15	2	71	<1
MW-133C	6/10/2017	DUP	140	55	45	0.77 J	4.3	75	<5	16	2.1	69	<1
MW-133C	11/24/2017	O	120	46.3	41.1	0.57 J	4	63.4	<1	12.9	1.7	66.8	<1

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-133C	6/21/2018	O	133	56.2	43.7	0.7 J	4.1	68.1	<1	17	2	72.2	<1
MW-133C	11/11/2018	O	121	49.3	42.7	<1	3.6	57.1	<1	22	1.8	61.7	<1
MW-133C	6/23/2019	O	103	42	30.6	<1	3	44	<5	11.5	<1	53.7	<1
MW-133C	12/14/2019	O	83.4	38.9	31.1	<1	2.8	37.3	<5	13.8	<1	46.3	<1
MW-133C	6/25/2020	O	92.4	46.7	33.2	0.57 J	2.9	38	<5	15.7	1.7	54.1	<1
MW-133C	11/18/2020	O	69	33	26.5	<1	2.2	31.6	<5	17.5	1.2	42.4	<1
MW-133C	6/17/2021	O	65.9	34.7	26.3	<1	2.3	26.8	<5	15.3	1.2	39.6	<1
MW-133C	11/9/2021	O	74.4	35.6	31.9	<1	2.1	32.3	<5	17	1.3	45.3	<1
MW-136	10/19/1993	O	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	NA
MW-136	4/29/1999	O	8	0.35	0.88	1	0.37	3.5	2	1.7	1	3.8	<1
MW-136	10/28/1999	O	16	0.34 J	0.37 J	1	1.5	1.1	2	1.4	0.03 J	2.4	1
MW-136	2/15/2000	O	0.28 J	1	1	1	0.74 J	1	2	1	1	1	1
MW-136	4/25/2000	O	0.31 J	1	1	1	0.57	1	2	1	1	1	1
MW-136	7/27/2000	O	0.3	1	1	1	0.48	1	2	1	1	1	<1
MW-136	11/17/2000	O	0.29	1	1	1	0.5	1	2	1	1	1	<1
MW-136	4/10/2001	O	0.3	1	1	1	0.45	1	2	1	1	1	<1
MW-136	10/31/2001	O	0.3	1	1	1	0.45	1	2	1	1	1	<1
MW-136	4/29/2002	O	0.3	1	1	1	0.45	1	2	0.53	1	1	<1
MW-136	10/18/2002	O	1	1	1	1	0.6	1	2	1	1	1	<1
MW-136	4/23/2003	O	1	1	1	1	0.8 J	1	2	1	1	1	1
MW-136	4/28/2004	O	1	1	1	1	1	1	2	1	1	1	<1
MW-136	6/23/2006	O	1	1	1	1	1.1	1	1.8	1	1	1	<1
MW-136	1/5/2007	O	1	1	1	1	2.5	1	2	1	1	1	<1
MW-136	10/7/2007	O	1	1	1	1	1	1	0.7	1	1	1	<1
MW-136	5/18/2008	O	1	1	1	1	2	1	2	1	1	1	1
MW-136	11/29/2008	O	1	1	1	1	4.5	0.2 J	1	1	1	1	1
MW-136	6/11/2009	O	<1	<1	<1	<1	3.1	<1	<1	<1	<1	<1	<1
MW-136	11/28/2009	O	<1	<1	<1	<1	1.5	<1	<1	<1	<1	<1	<1
MW-136	6/29/2010	O	<1	<1	<1	<1	0.84 J	<1	<1	<1	<1	<1	<1
MW-136	11/28/2010	O	<1	<1	<1	<1	0.82 J	<1	<1	<1	<1	<1	<1
MW-136	6/1/2011	O	<1	<1	<1	<1	1	<1	<1	<1	<1	<1	<1
MW-136	12/29/2011	O	<1	<1	<1	<1	0.79 J	<1	<5	<1	<1	<1	<1
MW-136	6/25/2012	O	<1	<1	<1	<1	0.62 J	<1	<5	<1	<1	<1	<1
MW-136	11/24/2012	O	<1	<1	<1	<1	0.5 J	<1	<5	<1	<1	<1	<1
MW-136	6/4/2013	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-136	11/30/2013	O	<1	<1	<1	<1	0.38 J	<1	<5	<1	<1	<1	<1
MW-136	6/13/2014	O	0.23 J	<1	<1	<1	0.38 J	<1	5	<1	<1	<1	<1
MW-136	11/23/2014	O	<1	<1	<1	<1	0.58 J	<1	5	<1	<1	<1	<1
MW-136	6/7/2015	O	<1	<1	<1	<1	0.83 J	<1	5	<1	<1	<1	<1
MW-136	11/15/2015	O	<1	<1	<1	<1	0.49 J	<1	0.55 J	<1	<1	<1	<1
MW-136	6/28/2016	O	<1	<1	<1	<1	0.45 J	<1	<5	<1	<1	<1	<1
MW-136	11/16/2016	O	<1	<1	<1	<1	0.32 J	<1	5	<1	<1	<1	<1
MW-136	6/10/2017	O	<1	<1	<1	<1	0.48 J	<1	<5	<1	<1	<1	<1
MW-136	11/24/2017	O	<1	<1	<1	<1	0.35 J	<1	<1	<1	<1	<1	<1
MW-136	6/20/2018	O	<1	<1	<1	<1	0.32 J	<1	<1	<1	<1	<1	<1
MW-136	11/11/2018	O	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-136	6/15/2019	O	<1	<1	<1	<1	0.26 J	0.44 J	<5	<1	<1	<1	<1
MW-136	12/8/2019	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-136	6/22/2020	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-136	11/14/2020	O	<1	<1	<1	<1	1.1	<1	<5	<1	<1	<1	<1
MW-136	6/15/2021	O	<1	<1	<1	<1	0.55 J	<1	<5	<1	<1	0.47 J	<1
MW-136	11/8/2021	O	<1	<1	<1	<1	1.3	<1	<5	<1	<1	<1	<1
MW-200	4/26/1999	O	2.2	1	0.34	1	1	0.66	2	0.61	1	2.2	<1
MW-200	10/27/1999	O	1.9	1	0.26 J	1	1	1.2	2	1.1	1	1.8	1
MW-200	2/15/2000	O	1	1	1	1	1	1	2	1	1	1	1
MW-200	4/25/2000	O	0.07 J	1	1	1	1	1	2	1	1	1	1
MW-200	7/27/2000	O	1	1	1	1	1	0.1	2	1	1	1	<1
MW-200	11/14/2000	O	1	1	1	1	1	1	2	1	1	1	<1
MW-200	4/10/2001	O	1	1	1	1	1	0.17	2	1	1	1	<1

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-200	10/29/2001	O	1	1	1	1	1	1	2	1	1	**0.12**	<1
MW-200	4/22/2002	O	1	1	1	1	1	1	2	1	1	1	<1
MW-200	10/18/2002	O	1	1	1	1	1	1	2	1	1	1	<1
MW-200	4/25/2003	O	1	1	1	1	1	1	2	1	1	1	1
MW-200	12/30/2003	O	1	1	**0.89 J**	1	1	1	1	1	1	1	1
MW-200	4/28/2004	O	1	1	1	1	1	1	2	1	1	1	<1
MW-200	4/28/2004	DUP	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-200	5/21/2005	O	**1.9**	1	1	1	1	1	2	1	1	1	<1
MW-200	1/12/2006	O	1	1	1	1	1	1	2	1	1	1	<1
MW-200	5/8/2006	O	1	1	1	1	1	1	2	1	1	1	<1
MW-200	1/4/2007	O	1	1	1	1	1	1	2	1	1	1	<1
MW-200	10/8/2007	O	1	1	1	1	1	1	2	1	1	1	<1
MW-200	5/18/2008	O	1	1	1	1	1	1	2	1	1	1	1
MW-200	11/29/2008	O	**0.21 J**	1	1	1	1	**0.69 J**	1	1	1	**0.17 J**	1
MW-200	6/11/2009	O	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-200	11/28/2009	O	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-200	6/29/2010	O	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-200	11/28/2010	O	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-200	5/31/2011	O	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-200	12/29/2011	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-200	6/25/2012	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-200	11/24/2012	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-200	6/4/2013	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-200	12/1/2013	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-200	6/14/2014	O	<1	<1	<1	<1	<1	<1	5	<1	<1	<1	<1
MW-200	11/23/2014	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-200	6/7/2015	O	<1	<1	<1	<1	<1	<1	5	<1	<1	<1	<1
MW-200	11/10/2015	O	<1	<1	<1	<1	<1	<1	**0.53 J**	<1	<1	<1	<1
MW-200	6/28/2016	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-200	11/13/2016	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-200	6/10/2017	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-200	11/24/2017	O	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-200	6/30/2018	O	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-200	11/10/2018	O	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-200	6/15/2019	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-200	12/14/2019	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-200	6/25/2020	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-200	11/17/2020	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-200	6/15/2021	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	**0.48 J**	<1
MW-200	11/8/2021	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-200	11/8/2021	DUP	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-201	2/16/2000	O	**4.5 J**	**48**	**1.1 J**	5	5	**85**	10	5	5	**8.3**	**5.6**
MW-201	4/18/2000	O	**4.9 J**	**120**	**1.9 J**	10	10	**87**	**20**	10	**0.78 J**	**15**	**7.2 J**
MW-201	4/18/2000	DUP	**5.8 J**	**130**	**2.3 J**	10	**0.29 J**	**93**	**20**	10	**0.74 J**	**12**	**5.8 J**
MW-201	7/25/2000	O	**110**	**330**	**6.8**	20	20	**220**	40	20	20	**4.5**	**22**
MW-201	11/13/2000	O	**39**	**340**	**5.2**	20	20	**180**	40	20	20	**4.9**	**7.1 J**
MW-201	4/12/2001	O	**12**	**43**	**1.6**	5	5	**60**	10	5	**0.64**	**19**	**5.8**
MW-201	4/12/2001	DUP	**12**	**43**	**1.6 J**	<5	<5	**60**	<10	<5	**0.64 J**	**18**	**5.5**
MW-201	10/29/2001	O	**55**	**150**	**3.6**	10	10	**120**	20	10	10	**25**	**4.8 J**
MW-201	4/30/2002	O	**1,700**	**5,500**	**130**	250	**5**	**2,600**	500	250	250	**13**	**50 J**
MW-201	10/3/2002	O	**970**	**7,100**	**480**	500	500	**2,200**	1,000	500	500	500	**28 E**
MW-201	10/3/2002	DUP	**1,000**	**7,700**	**420 J**	<1	<1	**2,200**	<2	<1	**7**	**26 E**	**50 E**
MW-201	4/25/2003	O	**294 J**	**1,410 E**	**52.8 E**	1	**0.05 J**	**863**	2	**0.29 J**	**20.3**	**28.9 E**	**108 E**
MW-201	12/30/2003	O	**175 E**	**1,580 E**	**15**	1	1	**123 E**	1	1	1	**2.99**	**39.4 E**
MW-201	12/30/2003	DUP	**145 E**	**1,430 E**	**13.4**	1	1	**90.9 E**	1	1	1	**2.12**	**38.7 E**
MW-201	4/28/2004	O	500	**4,150**	500	500	500	500	1,000	500	500	500	<500
MW-201	5/21/2005	O	**26**	**3,500**	25	25	25	**58**	50	25	25	25	<25
MW-201	1/12/2006	O	**8.8**	**230**	**1.2**	1	1	**23**	2	1	1	**14**	<1
MW-201	6/28/2006	O	**32**	**550**	10	10	10	**16**	20	10	10	**14**	<10

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-201	1/5/2007	O	20	80	1	1	1	5.1	2	1	1	2.8	<1
MW-201	10/8/2007	O	7	20	2	1	1	2	2	6	1	9	1
MW-201	5/18/2008	O	6	55	2	1	1	9	2	1	1	9	6
MW-201	11/29/2008	O	14.2	1,460	10	10	2 J	7.1 J	4.4 J	10	10	7.7 J	6.2 J
MW-201	11/29/2008	DUP	12.5	1,580	10	10	10	5.5 J	3.1 J	10	10	7.1 J	5.6 J
MW-201	6/10/2009	O	10	1,200	<10	<10	2 J	16	<10	<10	<10	7.7 J	<10
MW-201	6/10/2009	DUP	7.4 J	1,200	<10	<10	<10	9.8 J	<10	<10	<10	5.7 J	<10
MW-201	11/29/2009	O	37	480	<10	<10	<10	6.4 J	<10	<10	<10	<10	10
MW-201	11/29/2009	DUP	36	500	<10	<10	<10	5.7 J	<10	<10	<10	<10	9.3 J
MW-201	6/29/2010	O	4.4	12	<1	<1	<1	5	<1	0.53 J	<1	1.1	0.91 J
MW-201	11/28/2010	O	3.4	2.7	0.43 J	<1	<1	0.75 J	<1	0.93 J	<1	1.2	<1
MW-201	6/3/2011	O	3.4	2.2	<1	<1	<1	0.69 J	<1	1.3	<1	0.85 J	<1
MW-201	6/3/2011	DUP	3.4	2.2	<1	<1	<1	0.63 J	0.26 J	1.2	<1	0.87 J	<1
MW-201	12/29/2011	O	2.4	3.7	<1	<1	<1	3.3	<5	1.7	<1	0.73 J	<1
MW-201	12/29/2011	DUP	2.4	3.6	<1	<1	<1	3.3	<5	1.8	<1	0.77 J	<1
MW-201	6/27/2012	O	5.8	8	<1	<1	<1	0.75 J	<5	1.9	<1	0.44 J	<1
MW-201	11/25/2012	O	15	5	<1	<1	<1	1	<5	0.85 J	<1	0.31 J	<1
MW-201	6/5/2013	O	5.6	1.5	<1	<1	<1	0.42 J	<5	0.73 J	<1	0.36 J	<1
MW-201	12/1/2013	O	16	4.8	0.56 J	<1	<1	1.7	<5	2.9	<1	1.8	<1
MW-201	6/14/2014	O	4	2.9	<1	<1	<1	0.62 J	5	1.1	<1	0.34 J	<1
MW-201	11/23/2014	O	18	6.5	0.83 J	<1	<1	3.2	<5	1.7	<1	1.4	<1
MW-201	11/23/2014	DUP	18	6.1	0.82 J	<1	<1	2.8	<5	1.5	<1	1.2	<1
MW-201	6/14/2015	O	2.9	1.7	<1	<1	<1	0.4 J	<5	1.3	<1	0.38 J	<1
MW-201	11/8/2015	O	2.4	1.2	<1	<1	<1	0.37 J	0.78 J	0.9 J	<1	0.33 J	<1
MW-201	6/26/2016	O	2	1.4	<1	<1	<1	0.49 J	<5	1.1	<1	0.37 J	<1
MW-201	6/26/2016	DUP	2.1	1.4	<1	<1	<1	0.47 J	<5	0.98 J	<1	0.45 J	<1
MW-201	11/12/2016	O	2.4	1.7	<1	<1	<1	0.78 J	<5	1.2	<1	0.5 J	<1
MW-201	11/12/2016	DUP	2.4	1.6	<1	<1	<1	0.71 J	<5	1.2	<1	0.48 J	<1
MW-201	6/5/2017	O	1.7	0.98 J	<1	<1	<1	0.67 J	<5	1.3	<1	0.63 J	<1
MW-201	12/3/2017	O	4.7	3.2	0.52 J	<1	<1	0.95 J	<1	3.3	<1	1.1	<1
MW-201	6/17/2018	O	0.69 J	1	<1	<1	<1	0.5 J	<1	1.3	<1	0.35 J	<1
MW-201	6/17/2018	DUP	0.66 J	0.98 J	<1	<1	<1	0.49 J	<1	1.3	<1	0.37 J	<1
MW-201	11/11/2018	O	1	0.85 J	<1	<1	<1	0.26 J	<1	1.4	<1	<1	<1
MW-201	11/11/2018	DUP	1	0.84 J	<1	<1	<1	<1	<1	1.3	<1	0.29 J	<1
MW-201	6/16/2019	O	0.92 J	0.57 J	<1	<1	<1	<1	<5	2	<1	<1	<1
MW-201	12/8/2019	O	<1	<1	<1	<1	<1	<1	<5	1.9	<1	<1	<1
MW-201	12/8/2019	DUP	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-201	6/21/2020	O	<1	<1	<1	<1	<1	<1	<5	1.8	<1	<1	<1
MW-201	6/21/2020	DUP	<1	<1	<1	<1	<1	<1	<5	1.6	<1	<1	<1
MW-201	11/15/2020	O	1.1	1.1	<1	<1	<1	<1	<5	1.6	<1	0.37 J	<1
MW-201	11/15/2020	DUP	1.1	0.99 J	<1	<1	<1	<1	<5	1.6	<1	<1	<1
MW-201	6/13/2021	O	1	<1	<1	<1	<1	<1	<5	1.8	<1	0.51 J	<1
MW-201	11/11/2021	O	0.82 J	<1	<1	<1	<1	<1	<5	1.9	<1	0.53 J	<1
MW-202	5/20/1999	O	2	1	1	1	1	0.81	2	4.6	1	2.1	<1
MW-202	10/28/1999	O	2.2	1	0.18 J	1	1	0.68 J	2	5	1	2.1	1
MW-202	2/16/2000	O	0.77 J	1	1	1	1	1	2	3.6	1	0.5 J	1
MW-202	4/18/2000	O	0.65 J	1	1	1	0.25 J	1	2	3.1	1	0.55 J	1
MW-202	7/27/2000	O	0.72	1	1	1	0.48	1	2	3.5	1	0.75	<1
MW-202	11/13/2000	O	0.11	1	1	1	1	1	2	14	1	0.19	<1
MW-202	4/12/2001	O	0.08	1	1	1	1	1	2	13	1	0.11	<1
MW-202	10/29/2001	O	0.06	1	1	1	1	1	2	12	1	1	<1
MW-202	4/30/2002	O	1	1	1	1	1	1	2	10	1	0.12	<1
MW-202	10/17/2002	O	1	1	1	1	1	1	0.5	12	1	1	<1
MW-202	4/24/2003	O	1	1	1	1	1	1	2	2.82	1	0.8 J	1
MW-202	12/30/2003	O	1	1	0.54 J	1	1	1	1	2.78	1	1.11	1
MW-202	4/28/2004	O	1	1	1	1	1	1	2	2.3	1	0.68	<1
MW-202	5/21/2005	O	1	1	1	1	1	1	2	1.8	1	1	<1
MW-202	10/21/2005	O	1	1	1	1	1	1	2	1	1	1	<1
MW-202	6/28/2006	O	1	1	1	1	1	1	2	1.5	1	1	<1

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-202	1/5/2007	O	1	1	1	1	1	1	2	14	1	1	<1
MW-202	10/8/2007	O	1	1	1	1	1	1	2	1	1	0.3	<1
MW-202	5/19/2008	O	1	1	1	1	1	1	2	4	1	1	1
MW-202	11/29/2008	O	1.15	0.95 J	1	1	0.3 J	1	1	1.26	1	0.65 J	1
MW-202	6/11/2009	O	1	0.46 J	<1	<1	<1	<1	<1	1.2	<1	0.6 J	<1
MW-202	11/29/2009	O	<1	<1	<1	<1	<1	<1	<1	1.2	<1	<1	<1
MW-202	6/29/2010	O	1.3	0.7 J	<1	<1	<1	<1	<1	1.6	<1	0.79 J	<1
MW-202	11/28/2010	O	0.67 J	<1	<1	<1	<1	<1	<1	2.1	<1	<1	<1
MW-202	6/3/2011	O	0.45 J	0.35 J	<1	<1	<1	<1	0.26 J	1.5	<1	0.39 J	<1
MW-202	12/29/2011	O	0.22 J	<1	<1	<1	<1	<1	<5	1.2	<1	0.28 J	<1
MW-202	6/27/2012	O	0.94 J	0.46 J	<1	<1	<1	<1	<5	1.4	<1	<1	<1
MW-202	11/30/2012	O	1	0.45 J	<1	<1	<1	<1	<5	2.1	<1	0.3 J	<1
MW-202	6/5/2013	O	0.51 J	<1	<1	<1	<1	<1	<5	1.7	<1	0.37 J	<1
MW-202	12/1/2013	O	0.66 J	<1	<1	<1	<1	<1	<5	1.1	<1	<1	<1
MW-202	6/14/2014	O	0.39 J	0.44 J	<1	<1	<1	<1	5	1.4	<1	0.38 J	<1
MW-202	11/24/2014	O	<1	0.43 J	<1	<1	<1	<1	<5	0.97 J	<1	0.35 J	<1
MW-202	6/14/2015	O	0.21 J	<1	<1	<1	<1	<1	<5	0.84 J	<1	<1	<1
MW-202	11/8/2015	O	0.3 J	<1	<1	<1	<1	<1	<5	1	<1	<1	<1
MW-202	6/26/2016	O	0.3 J	<1	<1	<1	<1	<1	<5	1.1	<1	<1	<1
MW-202	11/13/2016	O	<1	<1	<1	<1	<1	<1	<5	0.74 J	<1	<1	<1
MW-202	6/4/2017	O	<1	<1	<1	<1	<1	<1	<5	0.68 J	<1	<1	<1
MW-202	12/3/2017	O	<1	<1	<1	<1	<1	<1	<1	0.68 J	<1	<1	<1
MW-202	6/17/2018	O	<1	<1	<1	<1	<1	<1	<1	0.52 J	<1	<1	<1
MW-202	11/11/2018	O	<1	<1	<1	<1	<1	<1	<1	0.5 J	<1	<1	<1
MW-202	6/16/2019	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-202	12/8/2019	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-202	6/21/2020	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-202	11/15/2020	O	<1	<1	<1	<1	<1	<1	<5	0.63 J	<1	<1	<1
MW-202	6/13/2021	O	<1	<1	<1	<1	<1	<1	<5	0.43 J	<1	<1	<1
MW-202	11/7/2021	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-203	5/20/1999	O	0.92	1	1	1	1	0.67	2	14	1	1.2	<1
MW-203	10/28/1999	O	2.7	0.28 J	0.42 J	1	0.08 J	1.5	2	15	0.06 J	2.6	1
MW-203	2/15/2000	O	0.26 J	1	1	1	1	0.13 J	2	8.6	1	0.16 J	1
MW-203	4/18/2000	O	0.14 J	1	1	1	1	0.07 J	2	11	1	0.17 J	1
MW-203	7/27/2000	O	0.2	1	1	1	1	1	2	13	1	0.24	<1
MW-203	11/13/2000	O	0.66	1	1	1	0.82	1	2	3.5	1	0.81	<1
MW-203	4/12/2001	O	0.81	1	1	1	1.8	1	2	3.2	1	0.76	<1
MW-203	10/29/2001	O	0.76	0.19	1	1	4.3	1	2	3.1	1	0.84	<1
MW-203	4/30/2002	O	0.69	0.12	1	1	4.1	1	2	3	1	0.63	<1
MW-203	10/17/2002	O	1	1	1	1	1	1	0.5	3	1	0.7	<1
MW-203	4/24/2003	O	1	1	1	1	1	1	2	10.2	1	1	1
MW-203	12/30/2003	O	1	1	1	1	1	1	1	8.43	1	1	1
MW-203	4/28/2004	O	1	1	1	1	1	1	2	8.79	1	1	<1
MW-203	5/21/2005	O	1	1	1	1	1	1	2	9.6	1	1	<1
MW-203	10/21/2005	O	1	1	1	1	1	1	2	1	1	1	<1
MW-203	6/28/2006	O	1	1	1	1	1	1	2	17	1	1	<1
MW-203	1/5/2007	O	1	1	1	1	1	1	2	1.7	1	1	<1
MW-203	10/8/2007	O	1	1	1	1	1	1	2	4	1	1	<1
MW-203	5/18/2008	O	1	1	1	1	1	1	2	1	1	1	1
MW-203	5/18/2008	DUP	1	1	1	1	1	1	2	1	1	1	1
MW-203	11/29/2008	O	0.19 J	0.45 J	1	1	0.15 J	1	1	3.11	1	0.33 J	1
MW-203	6/11/2009	O	<1	<1	<1	<1	<1	<1	<1	4.4	<1	<1	<1
MW-203	11/29/2009	O	<1	<1	<1	<1	<1	<1	<1	5.4	<1	<1	<1
MW-203	6/29/2010	O	<1	<1	<1	<1	<1	<1	0.32 J	8.9	<1	<1	<1
MW-203	11/28/2010	O	<1	<1	<1	<1	<1	<1	<1	7.3	<1	<1	<1
MW-203	6/3/2011	O	<1	<1	<1	<1	<1	<1	0.27 J	5.1	<1	<1	<1
MW-203	12/29/2011	O	<1	<1	<1	<1	<1	<1	<5	5.1	<1	0.19 J	<1
MW-203	6/28/2012	O	<1	<1	<1	<1	<1	<1	<5	10	<1	0.41 J	<1
MW-203	11/30/2012	O	0.36 J	0.19 J	<1	<1	<1	<1	<5	11	<1	0.34 J	<1

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-203	6/10/2013	O	<1	<1	<1	<1	<1	<1	<5	9.5	<1	<1	<1
MW-203	12/1/2013	O	<1	<1	<1	<1	<1	<1	<5	5.9	<1	<1	<1
MW-203	6/14/2014	O	0.31 J	0.35 J	<1	<1	<1	0.21 J	5	2.6	<1	0.23 J	<1
MW-203	11/24/2014	O	0.24 J	<1	<1	<1	<1	<1	<5	4.1	<1	<1	<1
MW-203	6/14/2015	O	0.21 J	<1	<1	<1	<1	<1	<5	1.5	<1	0.37 J	<1
MW-203	11/8/2015	O	<1	<1	<1	<1	<1	<1	0.39 J	2.1	<1	<1	<1
MW-203	6/26/2016	O	<1	<1	<1	<1	<1	<1	<5	3.4	<1	<1	<1
MW-203	11/13/2016	O	<1	<1	<1	<1	<1	<1	<5	3.9	<1	<1	<1
MW-203	6/4/2017	O	<1	<1	<1	<1	<1	<1	<5	2.4	<1	<1	<1
MW-203	12/3/2017	O	<1	<1	<1	<1	<1	<1	<1	5.9	<1	0.35 J	<1
MW-203	6/17/2018	O	<1	<1	<1	<1	<1	<1	<1	16.8	<1	0.43 J	<1
MW-203	11/11/2018	O	<1	<1	<1	<1	<1	<1	<1	14.6	<1	<1	<1
MW-203	6/16/2019	O	<1	<1	<1	<1	<1	<1	<5	5.6	<1	<1	<1
MW-203	12/8/2019	O	<1	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1
MW-203	6/21/2020	O	<1	<1	<1	<1	<1	<1	<5	2.1	<1	<1	<1
MW-203	11/15/2020	O	<1	<1	<1	<1	<1	<1	<5	2.6	<1	<1	<1
MW-203	6/13/2021	O	<1	<1	<1	<1	<1	<1	<5	4.2	<1	<1	<1
MW-203	11/7/2021	O	<1	<1	<1	<1	<1	<1	<5	5.5	<1	<1	<1
MW-204	4/23/1999	O	4.7	20	6.2	20	20	56	40	20	20	230	<20
MW-204	10/26/1999	O	5.4 J	5.2 J	8.6 J	4.5 J	10	51	20	2.4 J	0.55 J	230	1.1 J
MW-204	1/31/2000	O	4.2 J	5 J	8.2 J	5.3 J	0.67 J	41	2 J	2.4 J	10	200	0.85 J
MW-204	4/24/2000	O	4 J	4.9 J	9.2 J	5.7 J	0.92 J	44	20	2 J	10	190	1.2 J
MW-204	7/25/2000	O	3.4	4.4	6.9	5.7	1.1	38	20	1.3	10	120	<10
MW-204	11/8/2000	O	4	6.5	11	6.8	10	37	20	2.4	10	170	<10
MW-204	4/12/2001	O	4.5	5	11	6	10	27	20	2.4	10	160	<10
MW-204	10/16/2001	O	4.9	5.4	13	10	10	23	20	2.8	10	140	<10
MW-204	4/17/2002	O	6	6.9	18	10	0.77	20	20	2.9	10	140	0.041 J
MW-204	10/3/2002	O	20	14	140	20	20	23	40	20	20	170	<1
MW-204	4/22/2003	O	9.28 J	7.58 J	23.9	9.49 J	0.59 J	26.8	2	3.9	0.61 J	165	0.76 J
MW-204	12/28/2003	O	9.1	7.65	21.8	8.32	0.58 J	23.7	1	3.83	1	151	0.8 J
MW-204	4/28/2004	O	8.96	6.41	21	8.07	10	20.7	20	10	10	124	<10
MW-204	5/21/2005	O	10	6	22	5.9	1	13	2	2.8	1	96	<1
MW-204	10/19/2005	O	9.1	6.2	20	5.7	1	15	2	2.3	1	97	<1
MW-204	5/6/2006	O	10	5.7	21	4.4	1	13	2	2.9	1	100	<1
MW-204	1/3/2007	O	10	6	22	3.5	1	15	2	3.2	1	100	<1
MW-204	10/7/2007	O	10	6	19	3	0.5	15	2	3	0.5	85	0.4 J
MW-204	10/7/2007	DUP	9	5	18	3	0.5 J	15	<2	3	0.4 J	82	<1
MW-204	5/18/2008	O	9	6	20	4	4	20	8	4	4	91	4
MW-204	11/29/2008	O	7.61	4.9	13.6	2.07	0.65 J	14.4	1	2.64	0.29 J	74	0.32 J
MW-204	6/11/2009	O	7.2	4.3	11	1.4	0.67 J	14	<1	2.6	0.4 J	73	0.31 J
MW-204	11/25/2009	O	6.2	5.8	14	1.8	0.65 J	20	<1	2.6	<1	71	0.56 J
MW-204	6/29/2010	O	4.3	5.2	12	1.3	<1	18	<1	2	<1	61	<1
MW-204	11/25/2010	O	6.4	5.3	11	1.5	0.54 J	24	<1	2.5	<1	66	<1
MW-204	6/2/2011	O	5.9	5.9	11	1.3	0.5 J	26	<1	2.1	0.4 J	60	0.25 J
MW-204	12/29/2011	O	5.6	5.3	10	1.3	0.55 J	26	<5	2	0.52 J	51	<1
MW-204	6/27/2012	O	5.8	5.5	7.1	1.2	0.63 J	30	<5	1.7	1.3	54	<1
MW-204	11/25/2012	O	7.3	6	12	1.2	0.45 J	33	<5	1.8	0.64 J	51	<1
MW-204	5/31/2013	O	7.9	6.5	12	1	0.46 J	36	<5	1.7	0.5 J	51	<1
MW-204	5/31/2013	DUP	7.8	6.4	12	0.97 J	0.45 J	36	<5	1.7	0.41 J	51	<1
MW-204	12/1/2013	O	6.4	6.2	12	0.75 J	0.33 J	37	<5	1.6	0.47 J	52	<1
MW-204	6/4/2014	O	12	8.6	15	0.7 J	0.3 J	40	<5	1.9	0.52 J	52	0.18 J
MW-204	11/23/2014	O	10	9.8	16	0.94 J	0.38 J	40	<5	1.4	0.78 J	51	<1
MW-204	6/13/2015	O	14	12	19	0.6 J	0.32 J	36	<5	1.6	0.56 J	51	<1
MW-204	11/15/2015	O	14	13	19	0.47 J	0.35 J	28	0.55 J	1.5	0.62 J	48	<1
MW-204	6/26/2016	O	18	15	26	0.47 J	0.45 J	37	<5	1.5	0.61 J	48	0.3 J
MW-204	11/17/2016	O	24	22	29	0.35 J	0.46 J	28	<5	1.7	0.59 J	54	<1
MW-204	6/4/2017	O	21	20	32	0.45 J	0.47 J	36	<5	1.6	0.68 J	52	<1
MW-204	11/24/2017	O	23.4	23.3	32	0.33 J	0.44 J	30.5	<1	1.5	0.72 J	54.4	<1
MW-204	6/17/2018	O	30.8	45.2	40.4	<1	0.48 J	25.2	<1	1.7	0.72 J	71	<1

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-204	11/11/2018	O	32.4	39.9	38.8	<1	<1	23.2	<1	1.8	0.69 J	69.2	<1
MW-204	6/17/2019	O	32.4	45.8	37.1	<1	<1	18.9	<5	1.5	0.82 J	63	<1
MW-204	12/8/2019	O	34.8	52	37.1	<1	<1	20.1	<5	1.9	<1	74.3	<1
MW-204	6/21/2020	O	37	61.7	40.6	<1	<1	18	<5	1.6	0.73 J	81.1	<1
MW-204	11/17/2020	O	34	55.7	36.3	<1	<1	15.8	<5	2.7	0.75 J	75.5	<1
MW-204	6/13/2021	O	31.9	56.1	35.2	<1	0.39 J	14.1	<5	3.9	0.89 J	73.1	<1
MW-204	11/7/2021	O	33.1	63.3	40	<1	<1	14.7	<5	6.4	0.86 J	75.9	<1
MW-205A	4/22/1999	O	570	23	100	4.4	0.88	49	10	3.9	5	69	<5
MW-205A	10/21/1999	O	460	23 J	110	25	1.1 J	57	50	3.4 J	25	68	25
MW-205A	2/7/2000	O	450	22 J	110	3.5 J	25	56	50	3.6 J	25	68	25
MW-205A	4/18/2000	O	540	23 J	140	50	50	61	100	50	50	80	50
MW-205A	7/25/2000	O	350	19	92	3.5	20	50	40	20	20	47	<20
MW-205A	11/7/2000	O	410	27	120	25	25	56	50	25	25	66	<25
MW-205A	4/9/2001	O	430	23	130	20	20	56	40	4.3	20	68	<20
MW-205A	10/16/2001	O	240	18	87	20	1.1	44	40	2.1	20	49	<20
MW-205A	4/16/2002	O	270	17	79	20	1.1	43	40	6.7	20	47	<20
MW-205A	10/7/2002	O	310	50	690	50	50	53	84	110	50	49	<1
MW-205A	4/22/2003	O	322	19.8 J	111	2.39	0.78 J	46.6	2	7.15	1	64.3	1
MW-205A	12/22/2003	O	237	15.4	71.9	1.48	0.69 J	38.5	1	11.3	1	47.1	1
MW-205A	4/28/2004	O	229	15.8	68.7	20	20	39.9	40	20	20	43.9	<20
MW-205A	5/21/2005	O	130	15	51	1	1	43	2	11	1	36	<1
MW-205A	10/19/2005	O	89	13	35	1	1	38	2	11	1	32	<1
MW-205A	5/6/2006	O	81	14	29	1	1	37	2	18	1	32	<1
MW-205A	11/21/2006	O	160	13	49	1	1	47	2	17	1	51	<1
MW-205A	10/6/2007	O	75	12	31	0.4	0.5	39	2	16	1	34	<1
MW-205A	5/18/2008	O	73	13	27	4	4	48	8	20	4	35	4
MW-205A	11/28/2008	O	59.5	11.9	21.3	0.29 J	0.49 J	41.5	1	20.2	1	30.8	1
MW-205A	6/9/2009	O	60	10	19	0.27 J	0.45 J	36	<1	19	<1	30	<1
MW-205A	11/25/2009	O	46	11	19	<1	0.48 J	32	<1	20	<1	27	<1
MW-205A	6/24/2010	O	41	11	16	<1	0.35 J	25	<1	22	<1	23	<1
MW-205A	11/25/2010	O	41	13	16	<1	0.38 J	18	<1	23	<1	24	<1
MW-205A	6/2/2011	O	36	15	15	<1	0.34 J	13	<1	23	<1	22	<1
MW-205A	1/8/2012	O	31	20	14	<1	0.31 J	7.4	<5	24	<1	16	<1
MW-205A	6/28/2012	O	30	21	13	<1	0.4 J	5.7	<5	24	<1	16	<1
MW-205A	12/2/2012	O	27	20	11	<1	0.26 J	4.6	<5	24	<1	15	<1
MW-205A	5/31/2013	O	25	20	11	<1	0.26 J	5.3	<5	23	<1	16	<1
MW-205A	11/29/2013	O	24	27	12	<1	0.27 J	4.4	5	26	<1	15	<1
MW-205A	6/5/2014	O	24	23	10	<1	0.3 J	4.6	<5	25	<1	15	<1
MW-205A	11/22/2014	O	27	36	12	<1	0.29 J	2.7	<5	22	<1	14	<1
MW-205A	6/8/2015	O	25	37	10	<1	0.34 J	2.6	5	23	<1	14	<1
MW-205A	11/9/2015	O	24	31	9.1	<1	0.27 J	2.5	0.49 J	19	<1	12	<1
MW-205A	6/27/2016	O	21	30	8.8	<1	0.27 J	2.2	<5	17	<1	11	<1
MW-205A	11/11/2016	O	21	26	8.1	<1	0.26 J	2.2	<5	16	<1	12	<1
MW-205A	6/6/2017	O	20	25	7.9	<1	0.24 J	1.7	<5	18	<1	11	<1
MW-205A	11/16/2017	O	21.5 J	29.8	8.6	<1	0.27 J	1.9	<1	19.1	<1	11.6	<1
MW-205A	6/18/2018	O	19.6	21.1	7.6	<1	<1	1.6	<1	17.7	<1	10.6	<1
MW-205A	11/9/2018	O	18.4	18.2	6.4	<1	<1	1.3	<1	17.2	<1	9.3	<1
MW-205A	6/21/2019	O	16	21.7	6.5	<1	<1	<1	<5	13.9	<1	7.4	<1
MW-205A	12/10/2019	O	8.7	<1	<1	<1	<1	<1	<5	<1	<1	4.5	<1
MW-205A	6/23/2020	O	18	24.6	6.2	<1	<1	1.1	<5	14.1	<1	7.1	<1
MW-205A	11/13/2020	O	16.9	18.2	5.1	<1	<1	1 J	<5	12.9	<1	6	<1
MW-205A	6/14/2021	O	16	18.7	5.6	<1	<1	1.2	<5	12.1	<1	5.7	<1
MW-205A	11/10/2021	O	18	18.8	6.6	<1	<1	1.2	<5	12.8	<1	6.2	<1
MW-205B	4/22/1999	O	310	23	74	3.4	0.73	47	10	3.5	5	57	<5
MW-205B	10/21/1999	O	340	23 J	82	25	25	54	50	3.4 J	25	58	25
MW-205B	2/7/2000	O	360	24 J	86	25	25	57	50	3.8 J	25	60	25
MW-205B	4/18/2000	O	370	26	90	20	20	59	40	3.8 J	20	65	20
MW-205B	7/25/2000	O	270	23	70	20	20	52	40	20	20	44	<20
MW-205B	11/7/2000	O	270	31	79	2.9	20	55	40	3.6	20	53	<20

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-205B	4/9/2001	O	330	31	110	20	20	68	40	4.5	20	67	<20
MW-205B	10/16/2001	O	250	21	73	20	20	50	40	5.1	20	45	<20
MW-205B	4/16/2002	O	220	22	59	10	0.82	53	0.7	5.8	1.4	48	<10
MW-205B	10/7/2002	O	310	50	470	50	50	65	90	110	50	49	<1
MW-205B	4/22/2003	O	262	23.7	92.4 E	1.79	0.75 J	57.3	2	10 J	1	60.4	1
MW-205B	12/22/2003	O	201	18.7	64.9	1.36	0.7 J	47.1	1	10.5	0.55 J	44.6	1
MW-205B	4/28/2004	O	233	22.4	75.5	20	20	54.4	40	11.4	20	49.3	<20
MW-205B	5/21/2005	O	110	17	43	1	1	47	2	13	1	34	<1
MW-205B	10/19/2005	O	89	17	32	1	1	43	2	14	1	31	<1
MW-205B	5/6/2006	O	59	18	26	1	1	52	2	23	1	31	<1
MW-205B	11/21/2006	O	95	18	39	1	1	71	2	23	1	44	<1
MW-205B	10/6/2007	O	66	15	30	0.4	0.4	52	2	18	1	31	<1
MW-205B	5/18/2008	O	69	16	30	4	4	63	8	22	4	34	4
MW-205B	11/28/2008	O	79.4	15	19.9	0.38 J	0.49 J	43.1	1	12.8	1	24.6	1
MW-205B	6/9/2009	O	63	15	21	0.25 J	0.49 J	44	<1	18	<1	29	<1
MW-205B	11/25/2009	O	47	14	21	<1	0.55 J	37	<1	21	<1	27	<1
MW-205B	6/24/2010	O	43	14	17	0.16 J	0.38 J	29	<1	22	<1	23	<1
MW-205B	11/25/2010	O	42	15	17	<1	0.41 J	23	<1	23	<1	24	<1
MW-205B	6/2/2011	O	39	17	18	<1	0.38 J	21	<1	23	<1	22	<1
MW-205B	1/8/2012	O	31	20	14	<1	0.32 J	11	<5	23	<1	16	<1
MW-205B	6/28/2012	O	30	21	13	<1	0.43 J	8.2	<5	23	<1	15	<1
MW-205B	12/2/2012	O	25	20	10	<1	0.32 J	6	<5	16	<1	12	<1
MW-205B	5/31/2013	O	27	23	12	<1	0.32 J	7	<5	23	<1	15	<1
MW-205B	11/29/2013	O	24	27	12	<1	0.26 J	5.4	5	25	<1	14	<1
MW-205B	6/5/2014	O	25	30	11	<1	0.3 J	4.8	<5	26	<1	14	<1
MW-205B	11/22/2014	O	28	38	13	<1	0.3 J	4.1	<5	23	<1	14	<1
MW-205B	6/8/2015	O	27	42	11	<1	0.36 J	4.1	5	23	<1	14	<1
MW-205B	11/9/2015	O	26	38	11	<1	0.35 J	4.2	0.28 J	20	<1	12	<1
MW-205B	6/27/2016	O	23	33	10	<1	0.24 J	2.8	<5	18	<1	11	<1
MW-205B	11/11/2016	O	22	33	9.9	<1	0.27 J	2.5	<5	17	<1	11	<1
MW-205B	6/6/2017	O	21	30	9.8	<1	0.26 J	2.2	<5	18	<1	11	<1
MW-205B	11/16/2017	O	22.3 J	31.3	9.3	<1	0.25 J	1.9	<1	18.5	<1	11.2	<1
MW-205B	6/18/2018	O	19.8	26.5	8.7	<1	<1	1.6	<1	17.3	<1	10.3	<1
MW-205B	11/9/2018	O	18.6	23.6	7.9	<1	<1	1.4	<1	17.6	<1	9.2	<1
MW-205B	6/21/2019	O	16.4	23.2	7.4	<1	<1	<1	<5	14.4	<1	7.6	<1
MW-205B	12/10/2019	O	8.8	<1	<1	<1	<1	<1	<5	<1	<1	4.1	<1
MW-205B	6/23/2020	O	17.8	24.5	6.5	<1	<1	1	<5	13.2	<1	7.1	<1
MW-205B	11/13/2020	O	16.8	18.2	5.6	<1	<1	0.93 J	<5	12.6	<1	6.2	<1
MW-205B	6/14/2021	O	15	16.9	5.2	<1	<1	0.97 J	<5	12	<1	5.6	<1
MW-205B	11/10/2021	O	17.7	18.5	6.9	<1	<1	0.92 J	<5	12.4	<1	6.3	<1
MW-206A	4/23/1999	O	100	8.5	22	0.75	0.64	23	4	9.3	2	37	<2
MW-206A	10/20/1999	O	87	9.8 J	21	10	10	21	20	6.6 J	10	33	10
MW-206A	2/7/2000	O	79	10	14	5	0.55 J	20	10	7	5	25	5
MW-206A	4/18/2000	O	62	9.6	12	5	0.55 J	20	10	5.2	0.36 J	22	5
MW-206A	7/25/2000	O	66	9.4	14	5	0.72	21	10	3.1	5	16	<5
MW-206A	11/7/2000	O	46	12	5.9	5	5	13	10	0.84	5	7.6	<5
MW-206A	4/9/2001	O	55	9.7	13	5	0.66	20	10	4.5	5	22	<5
MW-206A	10/16/2001	O	39	8.8	9.9	2	0.49	18	0.34	3.5	2	18	<2
MW-206A	4/16/2002	O	31	7.1	7.1	2	0.39	15	4	3.4	0.39	16	<2
MW-206A	10/8/2002	O	35	11	57	5	5	23	10	3	5	18	<1
MW-206A	4/21/2003	O	26.9	11	11.1	1	0.87 J	28.4	2	3.17	1.05	17	1
MW-206A	12/22/2003	O	29.8	12.4	11.4	1	1.04	33.6	1	3.36	1.11	16.5	1
MW-206A	4/28/2004	O	27.4	10.7	11.1	2	1.28	31.6	4	3.65	2	15.1	<2
MW-206A	5/21/2005	O	17	5.6	6.7	1	1.1	16	2	2.9	1	11	<1
MW-206A	10/19/2005	O	19	8.1	8.8	1	1	23	2	3.1	1	11	<1
MW-206A	5/6/2006	O	23	9.2	9.1	1	1	25	2	3.8	1	13	<1
MW-206A	11/27/2006	O	22	9	8.2	1	1.1	14	2	4.2	1	14	<1
MW-206A	10/6/2007	O	14	5	5	1	0.6	6	2	3	1	9	<1
MW-206A	5/18/2008	O	18	6	8	1	1	7	2	4	1	11	1

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-206A	11/28/2008	O	17.9	13	7.54	0.19 J	0.28 J	9.43	1	1.95	0.21 J	7.85	1.59
MW-206A	6/10/2009	O	23	11	7.5	<1	0.41 J	7.3	<1	2.8	<1	9.9	0.97 J
MW-206A	4/1/2010	O	18	7.6	6.8	<1	0.27 J	4.2	<1	3.7	<1	10	<1
MW-206A	6/25/2010	O	18	8.3	7.1	<1	0.28 J	4.2	<1	3.8	<1	9.3	<1
MW-206A	11/29/2010	O	9.7	13	4.4	<1	0.16 J	4.5	<1	1.5	<1	4.3	3.6
MW-206A	6/2/2011	O	17	12	6.8	<1	0.27 J	3.8	0.27 J	3.4	<1	9.6	0.55 J
MW-206A	12/22/2011	O	52	75	76	2.2	0.93 J	100	<5	7.3	<1	44	0.92 J
MW-206A	6/26/2012	O	11	7.8	3.7	<1	0.6 J	1.8	<5	4.4	<1	6.9	<1
MW-206A	11/23/2012	O	12	12	3.8	<1	0.42 J	2	<5	5.5	<1	6.2	<1
MW-206A	5/30/2013	O	8.6	9.9	3.4	<1	0.38 J	1.7	<5	4.9	<1	5.4	<1
MW-206A	11/29/2013	O	9.1	9.1	3.9	<1	0.32 J	1.8	5	5.6	<1	5.5	0.22 J
MW-206A	11/29/2013	DUP	8.8	9.1	4	<1	0.35 J	1.8	5	5.7	<1	5.6	0.21 J
MW-206A	6/5/2014	O	8.3	6.7	2.8	<1	0.51 J	1.2	<5	6.2	<1	5.3	<1
MW-206A	11/22/2014	O	6.7	7.2	3	<1	0.5 J	1.2	<5	5	<1	4.5	<1
MW-206A	6/8/2015	O	5.5	6.5	2.2	<1	0.49 J	0.8 J	5	5	<1	4	<1
MW-206A	11/9/2015	O	18	13	7.9	<1	0.33 J	1.3	0.44 J	6.9	<1	12	<1
MW-206A	6/27/2016	O	20	14	7.1	<1	0.25 J	3.3	<5	4.6	<1	9.2	0.36 J
MW-206A	11/11/2016	O	20	14	5.7	<1	0.23 J	2.4	<5	5.5	<1	8.5	0.49 J
MW-206A	6/6/2017	O	13	14	4.6	<1	<1	3.4	5	4	<1	5.7	0.71 J
MW-206A	11/16/2017	O	19.7 J	20	5.7	<1	<1	4	<1	5.8	<1	7.4	1.8
MW-206A	6/18/2018	O	17.7	13.9	5.4	<1	<1	1.7	<1	6.5	<1	7.2	0.56 J
MW-206A	11/9/2018	O	17	12.3	4.8	<1	<1	2.8	<1	6.4	<1	6.7	2
MW-206A	6/21/2019	O	17.6	13.1	4.5	<1	<1	2.1	<5	5.3	<1	6.6	<1
MW-206A	12/10/2019	O	7.5	<1	<1	<1	<1	<1	<5	2.8	<1	3.5	<1
MW-206A	6/23/2020	O	18.1	14.1	4.8	<1	<1	1.9	<5	6.5	<1	6.2	0.55 J
MW-206A	11/13/2020	O	15.4	9.4	3.3	<1	<1	1.4	<5	7	<1	5.5	0.52 J
MW-206A	6/14/2021	O	12.4	9.3	3.3	<1	<1	1.3	<5	7.2	<1	5.1	0.63 J
MW-206A	11/10/2021	O	12.6	11.5	3.4	<1	<1	1.4	<5	8.6	<1	5.2	0.48 J
MW-206B	4/23/1999	O	4.6	5.1	2.5	10	10	59	20	13	10	150	<10
MW-206B	10/20/1999	O	8.4 J	9.1 J	4.9 J	10	10	54	1.3 J	9.6 J	10	160	10
MW-206B	2/17/2000	O	16	13	8.8 J	10	10	36	20	5.8 J	10	150	10
MW-206B	4/18/2000	O	16	14	9 J	10	0.62 J	40	20	5.6 J	0.28 J	150	10
MW-206B	7/25/2000	O	11	12	6	5	0.6	36	10	0.98	5	86	<5
MW-206B	11/7/2000	O	14	17	8.4	5	5	34	10	3.3	5	120	<5
MW-206B	4/9/2001	O	16	14	9.1	5	0.51	33	10	2.5	5	110	<5
MW-206B	10/16/2001	O	20	14	11	5	0.62	26	10	1.7	5	80	<5
MW-206B	4/16/2002	O	20	12	10	5	0.69	23	10	1.5	5	70	<5
MW-206B	10/8/2002	O	35	22	76	5	5	31	4	5	5	100	<1
MW-206B	4/22/2003	O	27.2	15.1	15.7	0.7 J	0.83 J	20.5	2	1.35	1	68.7	1
MW-206B	12/22/2003	O	26.5	14.8	14	0.71 J	0.88 J	17.4	1	1.34	1	54.5	1
MW-206B	4/28/2004	O	26.3	16	14.2	4	4	19.5	8	4	4	59.2	<4
MW-206B	5/21/2005	O	22	16	13	1	1	13	2	1	1	33	<1
MW-206B	10/19/2005	O	22	16	12	1	1	13	2	1	1	35	<1
MW-206B	5/6/2006	O	24	24	17	1	1	15	2	1	1	32	<1
MW-206B	11/27/2006	O	44	47	31	1.4	1	21	2	1.2	1	45	<1
MW-206B	11/27/2006	DUP	<1	7.1	5	<1	<1	18	<2	<1	<1	71	<1
MW-206B	10/6/2007	O	39	50	39	1	0.8	32	2	1	1	28	0.5 J
MW-206B	5/18/2008	O	44	56	46	4	4	50	8	4	4	48	4
MW-206B	11/28/2008	O	39.9	57.7	40.9	1.74	0.92 J	45.8	1	1.71	0.2 J	35.6	0.72 J
MW-206B	6/10/2009	O	57	79	63	2.3	1	70	<1	3.3	0.33 J	37	0.86 J
MW-206B	4/1/2010	O	58	77	77	2.3	0.97 J	76	<1	4.4	0.57 J	38	1.2
MW-206B	6/25/2010	O	64	84	77	2.4	1	90	<1	4.9	0.39 J	37	1.1
MW-206B	11/29/2010	O	55	78	71	2.3	0.92 J	72	<1	5.5	0.53 J	34	1.1
MW-206B	6/2/2011	O	61	91	83	2.7	1.1	98	0.27 J	7.2	0.39 J	44	1.1
MW-206B	12/22/2011	O	50	72	75	2.2	0.93 J	100	<5	7.3	<1	43	0.96 J
MW-206B	6/26/2012	O	58	69	80	2.4	1	130	<5	10	0.44 J	46	0.86 J
MW-206B	11/23/2012	O	55	55	74	2.1	0.86 J	130	<5	14	0.4 J	41	0.8 J
MW-206B	5/30/2013	O	48	58	64	2	0.79 J	100	<5	10	<1	36	0.74 J
MW-206B	11/29/2013	O	40	51	69	1.4	0.7 J	130	<5	15	0.37 J	35	2.7

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-206B	6/5/2014	O	44	50	60	1.5	0.79 J	120	<5	17	0.47 J	39	1.6
MW-206B	11/22/2014	O	46	44	60	1.2	0.82 J	120	<5	20	0.36 J	38	0.39 J
MW-206B	6/8/2015	O	42	45	53	1.2	0.87 J	120	5	21	0.53 J	38	0.42 J
MW-206B	11/9/2015	O	37	36	46	0.76 J	0.81 J	110	0.44 J	20	0.44 J	30	0.3 J
MW-206B	6/27/2016	O	33	32	42	0.61 J	0.6 J	99	<5	20	0.36 J	28	0.29 J
MW-206B	11/11/2016	O	33	31	42	0.61 J	0.66 J	97	<5	21	0.35 J	31	<1
MW-206B	6/6/2017	O	25	31	40	0.67 J	0.51 J	88	<5	17	0.33 J	24	0.47 J
MW-206B	11/16/2017	O	34.1 J	34.1	41.9	<1	0.69 J	109	<1	26.5	0.33 J	32.9	<1
MW-206B	6/18/2018	O	22.9	33.2	35.1	<1	0.47 J	104	<1	17.9	0.39 J	24.5	3.2
MW-206B	11/9/2018	O	30.1	29.1	37.9	<1	<1	93.9	<1	27.2	0.33 J	28.1	<1
MW-206B	6/21/2019	O	28	27	31.9	<1	<1	84.7	<5	21.5	<1	23.9	<1
MW-206B	12/10/2019	O	14.6	16.5	17.6	<1	<1	41.4	<5	13.4	<1	14	<1
MW-206B	6/23/2020	O	29.8	28	29.3	<1	<1	39.4	<5	20.9	<1	21.4	<1
MW-206B	11/13/2020	O	28.3	23.4	23.9	<1	<1	20	<5	21.2	<1	17.5	<1
MW-206B	6/14/2021	O	23.7	25.4	21.7	<1	<1	16.8	<5	19.5	<1	16	<1
MW-206B	11/10/2021	O	25.6	30.5	22.1	<1	<1	18.1	<5	21.6	<1	17.4	<1
MW-206C	4/23/1999	O	1.5	1	0.31	1	1	2.7	2	0.41	1	4.1	<1
MW-206C	10/20/1999	O	0.26 J	0.18 J	0.15 J	1	1	2.3	2	1	1	4.3	1
MW-206C	2/7/2000	O	1	1	1	1	1	3.5	2	1	1	5.3	1
MW-206C	4/18/2000	O	1	1	1	1	1	4	2	1	1	6	1
MW-206C	7/25/2000	O	1	1	1.3	1	1	4.8	2	1	1	3.5	<1
MW-206C	11/7/2000	O	0.29	0.14	0.12	1	1	2.3	2	1	1	3.4	<1
MW-206C	11/7/2000	DUP	0.28 J	0.14 J	0.12 J	<1	<1	2.3	<2	<1	<1	3.3	<1
MW-206C	4/9/2001	O	0.7	0.36	0.28	1	1	4.3	2	0.25	1	6.6	<1
MW-206C	4/9/2001	DUP	0.48 J	0.33 J	0.26 J	<1	<1	4.2	<2	0.26 J	<1	6.3	<1
MW-206C	10/16/2001	O	0.18	0.24	0.11	1	1	5.9	2	0.2	1	7.6	<1
MW-206C	4/16/2002	O	1	1	0.17	1	1	6.9	2	0.06	1	14	<1
MW-206C	10/8/2002	O	5	5	5	5	5	15	4	5	5	30	<1
MW-206C	4/22/2003	O	1	0.86 J	0.55 J	1	1	13.2	2	1	1	39.1	1
MW-206C	12/22/2003	O	1	1.37	1.68	1	1	14	1	1	0.61 J	44.7	1
MW-206C	4/28/2004	O	2	1.21	2	2	2	14.9	4	2	2	37.7	<2
MW-206C	5/21/2005	O	1	1.5	1.1	1	1	9.2	2	1	1	34	<1
MW-206C	10/19/2005	O	1	3.8	2.6	1	1	15	0.1	1	1	47	<1
MW-206C	5/6/2006	O	1	5	3.5	1	1	14	2	1	1	52	<1
MW-206C	11/27/2006	O	1	6.5	4.4	1	1	17	2	1	1	85	<1
MW-206C	10/6/2007	O	1	5	4	1	1	11	2	0.4	1	44	<1
MW-206C	5/18/2008	O	2	5	4	2	2	12	4	2	2	38	2
MW-206C	11/28/2008	O	1	3.11	2.01	1	1	5.23	1	1	1	19.4	1
MW-206C	6/10/2009	O	<1	2.7	1.8	<1	<1	4.8	<1	<1	<1	16	<1
MW-206C	4/1/2010	O	<1	3.4	2.7	<1	<1	4.8	<1	<1	<1	16	<1
MW-206C	6/25/2010	O	<1	5.2	3.6	<1	<1	6.5	<1	<1	<1	20	<1
MW-206C	11/29/2010	O	<1	3.9	3.1	<1	<1	5.1	<1	<1	<1	16	<1
MW-206C	6/2/2011	O	<1	6	3.9	<1	<1	6.9	0.26 J	<1	<1	22	<1
MW-206C	12/22/2011	O	<1	6.3	4.4	<1	<1	7.5	<5	0.3 J	<1	24	<1
MW-206C	6/26/2012	O	<1	5.8	3.8	<1	<1	6.1	<5	<1	<1	19	<1
MW-206C	11/23/2012	O	<1	7.1	5.1	<1	<1	7.1	<5	0.24 J	<1	19	<1
MW-206C	5/30/2013	O	<1	7.5	4.9	<1	<1	6.9	<5	<1	<1	18	<1
MW-206C	6/8/2015	O	<1	18	12	0.44 J	<1	16	5	0.5 J	<1	23	0.26 J
MW-206C	6/8/2015	DUP	<1	18	12	0.45 J	<1	16	5	0.45 J	<1	23	0.3 J
MW-206C	11/9/2015	O	<1	33	24	0.53 J	<1	31	<5	0.64 J	<1	32	0.67 J
MW-206C	6/27/2016	O	<1	33	26	0.67 J	<1	36	<5	0.38 J	<1	28	1.5
MW-206C	11/11/2016	O	<1	35	28	0.77 J	<1	38	<5	0.62 J	<1	30	2.1
MW-206C	6/6/2017	O	<1	13	6.4	0.34 J	<1	19	<5	<1	<1	0.69 J	3
MW-206C	11/16/2017	O	<1	43.5	3.9	1.2	<1	15.9	<1	<1	0.33 J	3	63.7
MW-206C	11/16/2017	DUP	<1	43.6	3.7	1.2	<1	15.7	<1	<1	0.35 J	2.8	65.1
MW-206C	6/18/2018	O	<1	38.5	<1	0.83 J	<1	1.3	<1	<1	<1	<1	76.4
MW-206C	11/9/2018	O	<1	20.9	6.9	<1	<1	24.5	<1	0.59 J	<1	6.9	15.5
MW-206C	6/21/2019	O	<1	17.5	<1	<1	<1	5.5	<5	<1	<1	<1	26.6
MW-206C	12/10/2019	O	<1	<1	<1	<1	<1	5.2	<5	<1	<1	<1	17.8

Table 2A. Cumulative Groundwater Analytical Results for COC Analytical Results

Analyte	Date Sampled	Sample	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
MW-206C	6/23/2020	O	<1	42.9	6.6	<1	<1	41.5	<5	<1	<1	3.4	43.6
MW-206C	11/13/2020	O	<1	34.5	11.5	<1	<1	46.5	<5	0.49 J	<1	7.6	23.2
MW-206C	6/14/2021	O	<1	34.9	14.5	<1	<1	50.3	<5	0.5 J	<1	8.2	16.9
MW-206C	11/10/2021	O	<1	37.8	15.4	<1	<1	55.2	<5	0.33 J	<1	7.6	21.1
MW-207	4/23/1999	O	2.7	0.76	2	2	0.39	1.6	4	2.6	2	26	<2
MW-207	10/27/1999	O	5.9	1.3	0.74 J	1	0.59 J	5.1	2	3.9	0.06 J	25	1
MW-207	2/17/2000	O	2	1.1	0.22 J	1	0.54 J	1.2	2	2.8	1	22	1
MW-207	4/18/2000	O	2	1.2	0.1 J	1	0.62 J	1.2	2	2.7	0.1 J	20	1
MW-207	7/25/2000	O	2	1.3	1	1	0.63	1.4	2	2.1	0.16	17	<1
MW-207	11/8/2000	O	1.9	2.1	0.24	1	0.71	1.4	2	2.3	1	16	<1
MW-207	4/10/2001	O	1.5	1.5	1	1	0.6	3.2	2	0.51	0.44	11	<1
MW-207	10/16/2001	O	4.2	5.3	0.13	1	0.44	3.4	2	1	0.33	22	<1
MW-207	4/17/2002	O	5.7	6.2	0.26	2	0.36	3.7	4	1.4	0.39	25	<1
MW-207	10/8/2002	O	5	8	6	1	1	5	0.8	0.9	1	21	<1
MW-207	4/22/2003	O	7.6	7.05	1.8	1	0.54 J	4.88	2	2.3	1	27.8	1
MW-207	12/28/2003	O	7.19	5.68	2.18	1	0.53 J	3.78	1	2.21	1	25.8	1
MW-207	4/28/2004	O	8.24	5.87	1.85	2	2	4.26	4	2.67	2	28.1	<2
MW-207	5/21/2005	O	5.4	4.3	1.7	1	1	3	2	2.1	1	18	<1
MW-207	5/21/2005	DUP	5.3	4.4	1.6	<1	<1	3	<2	2	<1	18	<1
MW-207	10/19/2005	O	5.7	4.5	1	1	1	2.7	2	1.3	1	17	<1
MW-207	5/6/2006	O	6.7	5.2	1.8	1	1	3.3	2	2	1	19	<1
MW-207	11/27/2006	O	9.3	5.7	1.1	1	1	3.1	2	2.6	1	24	<1
MW-207	10/7/2007	O	7	4	0.7	1	0.4	3	1	2	1	15	<1
MW-207	5/18/2008	O	7	4	2	1	1	3	2	2	1	15	1
MW-207	11/29/2008	O	5.58	2.97	1	1	0.36 J	1.89	1	1.98	0.27 J	10.8	1
MW-207	6/10/2009	O	4.6	2.4	0.65 J	<1	0.31 J	1.8	<1	2.1	<1	9.9	<1
MW-207	11/25/2009	O	3.5	1.6	0.6 J	<1	<1	1.2	<1	2.2	<1	7.4	<1
MW-207	6/24/2010	O	2.8	1.3	0.52 J	<1	0.18 J	1	<1	1.9	<1	5.6	<1
MW-207	11/25/2010	O	3	1.3	0.72 J	<1	0.22 J	1.3	<1	2.2	<1	6	<1
MW-207	6/2/2011	O	2.8	1.5	0.6 J	<1	<1	1.2	0.3 J	1.6	<1	5.2	<1
MW-207	12/29/2011	O	2.6	1.5	0.57 J	<1	0.19 J	1.4	<5	1.7	<1	4.4	<1
MW-207	6/26/2012	O	2.2	1.4	0.4 J	<1	0.27 J	1.2	<5	1.3	<1	3.9	<1
MW-207	11/30/2012	O	2.3	1.4	0.53 J	<1	0.22 J	1.2	<5	1.4	<1	4	<1
MW-207	5/31/2013	O	2.4	1.8	0.5 J	<1	<1	1.4	<5	1.4	<1	4.5	<1
MW-207	12/1/2013	O	1.8	1.3	0.35 J	<1	<1	1.2	<5	1.4	<1	3.7	<1
MW-207	6/4/2014	O	2.7	1.7	0.64 J	<1	0.29 J	1.3	<5	1.5	<1	4.5	<1
MW-207	11/23/2014	O	2.3	1.8	0.58 J	<1	0.28 J	1.2	<5	1.4	<1	4	<1
MW-207	6/8/2015	O	19	18	7.6	<1	0.63 J	3.2	5	0.98 J	0.23 J	13	<1
MW-207	11/15/2015	O	19	17	0.45 J	<1	0.55 J	2.7	<5	1.2	0.49 J	8.7	<1
MW-207	6/27/2016	O	6	5.4	1.7	<1	0.35 J	1.6	<5	1.3	<1	7.4	<1
MW-207	11/12/2016	O	3.8	2.9	1.3	<1	0.31 J	1.2	0.25 J	1.4	<1	5.2	<1
MW-207	6/10/2017	O	2.8	2.8	0.81 J	<1	0.31 J	1.2	<5	1.6	<1	3.3	<1
MW-207	11/24/2017	O	2.9	2.7	1.4	<1	<1	1.1	<1	2	<1	2.8	<1
MW-207	6/18/2018	O	2.8	3.5	0.55 J	<1	0.26 J	1.2	<1	2.3	<1	2.8	<1
MW-207	11/10/2018	O	2.9	3	0.92 J	<1	<1	1.1	<1	2.4	<1	2.8	<1
MW-207	6/21/2019	O	3	<1	<1	<1	<1	<1	<5	<1	<1	2.5	<1
MW-207	12/10/2019	O	3.1	2.9	<1	<1	<1	0.88 J	<5	2.2	<1	2.9	<1
MW-207	6/22/2020	O	<1	2.9	<1	<1	<1	<1	<5	1.8	<1	2.5	<1
MW-207	11/14/2020	O	3.2	2.4	0.77 J	<1	<1	<1	<5	1.9	<1	2.5	<1
MW-207	6/15/2021	O	2.8	2.3	0.47 J	<1	<1	0.64 J	<5	1.8	<1	2.2	<1
MW-207	11/10/2021	O	3	2.2	0.46 J	<1	<1	0.66 J	<5	1.9	<1	2.2	<1

NOTES:

O: Original Sample

DUP: Duplicate sample

J: Analytes detected between the reporting limit and the method detection limit, indicating an estimated value

Bold: Analyte was detected above the reporting limit

Results reported in micrograms per liter (ug/l)

Blue shading = concentrations over the Clean Up Standard

<# = not detected above reporting limit (# ug/l)

NA = not applicable

Table 2B. Cumulative Groundwater Analytical Results for 1,4-Dioxane Analytical Results

Analyte	Date Sampled	Sample	1,4-Dioxane
Units			ug/l
Illinois Groundwater Quality Standard			7.7
MW-16	6/25/2020	O	**22**
MW-16	11/18/2020	O	**20**
MW-16	6/16/2021	O	**21**
MW-16	11/11/2021	O	**20**
MW-47	6/22/2020	O	**0.23 J**
MW-47	11/14/2020	O	<0.5
MW-47	6/15/2021	O	**0.28 J**
MW-47	11/10/2021	O	**0.09 J**
MW-101A	6/24/2020	O	**7**
MW-101A	11/16/2020	O	**11**
MW-101A	6/16/2021	O	**26**
MW-101A	11/8/2021	O	**35**
MW-101B	6/24/2020	O	**25**
MW-101B	6/24/2020	DUP	**25**
MW-101B	11/16/2020	O	**26**
MW-101B	6/16/2021	O	**27**
MW-101B	11/8/2021	O	**27**
MW-101C	6/24/2020	O	**16**
MW-101C	11/16/2020	O	**19**
MW-101C	6/16/2021	O	**22**
MW-101C	11/8/2021	O	**23**
MW-101D	6/25/2020	O	**0.25 J**
MW-101D	11/18/2020	O	**0.12 J**
MW-101D	6/16/2021	O	**2**
MW-101D	11/11/2021	O	**0.18 J**
MW-102A	6/24/2020	O	**15**
MW-102A	11/16/2020	O	**6.7**
MW-102A	6/16/2021	O	**18**
MW-102A	11/11/2021	O	**12**
MW-102B	6/24/2020	O	**170**
MW-102B	11/16/2020	O	**170**
MW-102B	6/16/2021	O	**170**
MW-102B	11/11/2021	O	**160**
MW-102C	6/24/2020	O	**36**
MW-102C	11/16/2020	O	**31**
MW-102C	6/16/2021	O	**30**
MW-102C	11/11/2021	O	**9.6**
MW-113A	6/25/2020	O	**30**
MW-113A	11/17/2020	O	**30**
MW-113A	6/17/2021	O	**30**
MW-113A	11/9/2021	O	**29**
MW-113B	6/25/2020	O	**69**
MW-113B	11/17/2020	O	**70**
MW-113B	6/17/2021	O	**70**
MW-113B	11/9/2021	O	**66**

Table 2B. Cumulative Groundwater Analytical Results for 1,4-Dioxane Analytical Results

Analyte	Date Sampled	Sample	1,4-Dioxane
Units			ug/l
MW-114A	6/25/2020	O	**22**
MW-114A	11/18/2020	O	**21**
MW-114A	6/16/2021	O	**31**
MW-114A	11/11/2021	O	**40**
MW-114B	6/25/2020	O	**10**
MW-114B	11/18/2020	O	**9.8**
MW-114B	11/18/2020	DUP	**10**
MW-114B	6/16/2021	O	**10**
MW-114B	6/16/2021	DUP	**10**
MW-114B	11/11/2021	O	**10**
MW-114B	11/11/2021	DUP	**10**
MW-117B	6/23/2020	O	**5.4**
MW-117B	11/13/2020	O	**5.5**
MW-117B	6/14/2021	O	**5.4**
MW-117B	11/10/2021	O	**5.5**
MW-117C	6/23/2020	O	**8.4**
MW-117C	11/13/2020	O	**8.3**
MW-117C	6/14/2021	O	**7.2**
MW-117C	11/10/2021	O	**7.9**
MW-117D	6/23/2020	O	**8.9**
MW-117D	11/13/2020	O	**8.4**
MW-117D	6/14/2021	O	**8.5**
MW-117D	11/10/2021	O	**8.5**
MW-119	6/22/2020	O	**2.1**
MW-119	11/14/2020	O	**4**
MW-119	6/15/2021	O	**3.5**
MW-119	11/10/2021	O	**18**
MW-121	6/21/2020	O	**48**
MW-121	11/15/2020	O	**47**
MW-121	6/13/2021	O	**55**
MW-121	11/7/2021	O	**43**
MW-124	6/21/2020	O	**5.4**
MW-124	11/18/2020	O	**5.3**
MW-124	6/13/2021	O	**5**
MW-124	6/13/2021	DUP	**5**
MW-124	11/7/2021	O	**5.2**
MW-130	6/22/2020	O	**7.3**
MW-130	11/17/2020	O	**6.6**
MW-130	6/15/2021	O	**6.3**
MW-130	11/9/2021	O	**7.1**
MW-133A	6/25/2020	O	**0.87**
MW-133A	11/18/2020	O	**0.63**
MW-133A	6/17/2021	O	**1.4**
MW-133A	11/9/2021	O	**0.71**
MW-133B	6/25/2020	O	**16**
MW-133B	11/18/2020	O	**15**

Table 2B. Cumulative Groundwater Analytical Results for 1,4-Dioxane Analytical Results

Analyte	Date Sampled	Sample	1,4-Dioxane
Units			ug/l
MW-133B	6/17/2021	O	**14**
MW-133B	11/9/2021	O	**14**
MW-133C	6/25/2020	O	**150**
MW-133C	11/18/2020	O	**120**
MW-133C	6/17/2021	O	**130**
MW-133C	11/9/2021	O	**120**
MW-136	6/22/2020	O	<0.5
MW-136	11/14/2020	O	<0.5
MW-136	6/15/2021	O	<0.5
MW-136	11/8/2021	O	**0.08 J**
MW-200	6/25/2020	O	<0.5
MW-200	11/17/2020	O	**0.2 J**
MW-200	6/15/2021	O	<0.5
MW-200	11/8/2021	O	**0.07 J**
MW-200	11/8/2021	DUP	**0.07 J**
MW-201	6/21/2020	O	**0.63**
MW-201	6/21/2020	DUP	**0.65**
MW-201	11/15/2020	O	**0.89**
MW-201	11/15/2020	DUP	**0.94**
MW-201	6/13/2021	O	**0.39 J**
MW-201	11/11/2021	O	**0.93**
MW-202	6/21/2020	O	**0.11 J**
MW-202	11/15/2020	O	<0.5
MW-202	6/13/2021	O	<0.5
MW-202	11/7/2021	O	<0.5
MW-203	6/21/2020	O	<0.5
MW-203	11/15/2020	O	<0.5
MW-203	6/13/2021	O	<0.5
MW-203	11/7/2021	O	<0.5
MW-204	6/21/2020	O	**27**
MW-204	11/17/2020	O	**25**
MW-204	6/13/2021	O	**26**
MW-204	11/7/2021	O	**23**
MW-205A	6/23/2020	O	**7.9**
MW-205A	11/13/2020	O	**7.7**
MW-205A	6/14/2021	O	**7.7**
MW-205A	11/10/2021	O	**7.9**
MW-205B	6/23/2020	O	**7.6**
MW-205B	11/13/2020	O	**7.5**
MW-205B	6/14/2021	O	**7.2**
MW-205B	11/10/2021	O	**7.8**
MW-206A	6/23/2020	O	**5.3**
MW-206A	11/13/2020	O	**5.5**
MW-206A	6/14/2021	O	**4.9**
MW-206A	11/10/2021	O	**6.9**
MW-206B	6/23/2020	O	**29**

Table 2B. Cumulative Groundwater Analytical Results for 1,4-Dioxane Analytical Results

Analyte	Date Sampled	Sample	1,4-Dioxane
Units			ug/l
MW-206B	11/13/2020	O	**26**
MW-206B	6/14/2021	O	**23**
MW-206B	11/10/2021	O	**23**
MW-206C	6/23/2020	O	**53**
MW-206C	11/13/2020	O	**52**
MW-206C	6/14/2021	O	**47**
MW-206C	11/10/2021	O	**45**
MW-207	6/22/2020	O	**3.2**
MW-207	11/14/2020	O	**2.8**
MW-207	6/15/2021	O	**2.4**
MW-207	11/10/2021	O	**2.3**

NOTES:

O: Original Sample

DUP: Duplicate sample

J: Analytes detected between the reporting limit and the method detection limit, indicating an estimated value

Bold: Analyte was detected above the reporting limit

Results reported in micrograms per liter (ug/l)

Blue shading = concentrations over the Illinois Groundwater Quality Standard

<# = not detected above reporting limit (# ug/l)

NA = not applicable

Table 3A. Groundwater Elevations (November 2021)

Analyte	Date Sampled	Water Level	Water Elevation
Units		ft BTOC	ft AMSL
MW-16	11/11/2021	**23.02**	**702.55**
MW-47	11/10/2021	**41.98**	**693.25**
MW-101A	11/8/2021	**43.93**	**721.69**
MW-101B	11/8/2021	**44.77**	**721.85**
MW-101C	11/8/2021	**44.7**	**721.8**
MW-101D	11/11/2021	**46.52**	**718.44**
MW-102A	11/11/2021	**18.72**	**763.97**
MW-102B	11/11/2021	**35.81**	**747.20**
MW-102C	11/11/2021	**36.76**	**746.37**
MW-113A	11/9/2021	**55.81**	**710.73**
MW-113B	11/9/2021	**56.28**	**710.37**
MW-114A	11/11/2021	**26.59**	**698.56**
MW-114B	11/11/2021	**27.93**	**697.31**
MW-117B	11/10/2021	**6.78**	**689.48**
MW-117C	11/10/2021	**5.54**	**690.57**
MW-117D	11/10/2021	**5.15**	**690.95**
MW-119	11/10/2021	**26.4**	**692.6**
MW-121	11/7/2021	**23.5**	**693.5**
MW-124	11/7/2021	**35.47**	**695.83**
MW-130	11/9/2021	**23.68**	**704.27**
MW-133A	11/9/2021	**28.15**	**752.03**
MW-133B	11/9/2021	**28.9**	**751.4**
MW-133C	11/9/2021	**25.21**	**755.08**
MW-136	11/8/2021	**38.7**	**796.1**
MW-200	11/8/2021	**50.23**	**709.93**
MW-201	11/11/2021	**30.22**	**698.29**
MW-202	11/7/2021	**29.24**	**700.38**
MW-203	11/7/2021	**28.8**	**700.3**
MW-204	11/7/2021	**28.07**	**689.14**
MW-205A	11/10/2021	**7.02**	**689.67**
MW-205B	11/10/2021	**7.13**	**689.79**
MW-206A	11/10/2021	**9.84**	**683.86**
MW-206B	11/10/2021	**7.48**	**685.78**
MW-206C	11/10/2021	**8.08**	**685.45**
MW-207	11/10/2021	**35.83**	**688.34**

NOTES:

BTOC: Below Top of Casing

AMSL: Above Mean Sea Level

ft: feet

Table 3B. Groundwater Elevations (June 2021)

Analyte	Date Sampled	Water Level	Water Elevation
Units		ft BTOC	ft AMSL
MW-16	6/16/2021	**21.49**	**704.08**
MW-47	6/15/2021	**41.04**	**694.19**
MW-101A	6/16/2021	**41.34**	**724.28**
MW-101B	6/16/2021	**42.98**	**723.64**
MW-101C	6/16/2021	**42.85**	**723.63**
MW-101D	6/16/2021	**44.93**	**720.03**
MW-102A	6/16/2021	**18.56**	**764.13**
MW-102B	6/16/2021	**34.43**	**748.58**
MW-102C	6/16/2021	**36.58**	**746.55**
MW-113A	6/17/2021	**53.86**	**712.68**
MW-113B	6/17/2021	**54.49**	**712.16**
MW-114A	6/16/2021	**25.3**	**699.8**
MW-114B	6/16/2021	**26.97**	**698.27**
MW-117B	6/14/2021	**6.25**	**690.01**
MW-117C	6/14/2021	**4.95**	**691.16**
MW-117D	6/14/2021	**4.5**	**691.6**
MW-119	6/15/2021	**25.45**	**693.52**
MW-121	6/13/2021	**22.37**	**694.61**
MW-124	6/13/2021	**34.32**	**696.98**
MW-130	6/15/2021	**22.14**	**705.81**
MW-133A	6/17/2021	**28**	**752**
MW-133B	6/17/2021	**27.62**	**752.71**
MW-133C	6/17/2021	**23.42**	**756.87**
MW-136	6/15/2021	**36.57**	**798.20**
MW-200	6/15/2021	**48.55**	**711.61**
MW-201	6/13/2021	**28.62**	**699.89**
MW-202	6/13/2021	**27.86**	**701.76**
MW-203	6/13/2021	**27.42**	**701.67**
MW-204	6/14/2021	**27.73**	**689.48**
MW-205A	6/14/2021	**6.55**	**690.14**
MW-205B	6/14/2021	**6.61**	**690.31**
MW-206A	6/14/2021	**9.68**	**684.02**
MW-206B	6/14/2021	**6.86**	**686.40**
MW-206C	6/14/2021	**7.47**	**686.06**
MW-207	6/15/2021	**35.44**	**688.73**

NOTES:

BTOC: Below Top of Casing

AMSL: Above Mean Sea Level

ft: feet

Table 4 - Southeast Rockford Groundwater Contamination Site
Groundwater Monitoring Network

Table 4:	Easting	Northing	TOC Elevation (ft amsl)	Ground Surface Elevation (ft amsl)	Total Depth (ft TOC)[2]	Location Description	Maintenance Log
MW-16	2593475.34	2030401.25	725.57	725.68	62.25	East of Kinsey Street, north of drain canal	reconfigured to flush mount, June 2014;well re-surveyed, January 2015
MW-47	2588765.03	2028342.66	735.23	735.56	54.16	Brooke Rd. 1/2 Block West of Kishwaukee Intersection. In shoulder on North side of road.	
MW-101A	2598084.40	2029683.41	765.62	764.10	90.35	Northeast corner of Laude and 24th Street	
MW-101B	2598093.32	2029682.50	766.62	764.10	153.74		
MW-101C	2598076.01	2029675.69	766.48	764.00	174.89		
MW-101D	2598066.94	2029682.19	764.96	763.90	212.72		Replaced bladder, drop tube, tubing from bump to drop tube, and intake screen, June 2018
MW-102A[3]	2599371.95	2029982.56	782.69	783.01	34.69	South of RR tracks, east of Laude Street (Owens-Corning Property)	Replace flush mount arrangement, November 2016; Replaced bladder & reinstalled pump, June 2018
MW-102B	2599380.00	2029990.00	783.01	783.31	97.70		Replace flush mount arrangement, November 2016
MW-102C[3]	2599388.00	2029999.00	783.13	783.58	183.85		Replace flush mount 2016; Replaced bladder in pump and intake screen 2018
MW-113A	2596096.44	2029869.64	766.54	767.00	104.50	West of Willis and 18th Street	
MW-113B	2596088.18	2029873.56	766.65	766.40	155.26		
MW-114A	2593333.10	2030016.18	725.15	725.45	94.70	Corner of Willis and Kinsey Street	Reconfigure from stick-up to flush mount, June 2017
MW-114B	2593338.00	2030023.51	725.24	725.41	219.84		Reconfigure from stick-up to flush mount, June 2017
MW-117B	2586515.64	2028092.93	696.26	696.40	89.50	Brooke Rd meridian. West of Grant Park Blvd.	
MW-117C	2586522.28	2028099.95	696.11	696.40	158.31		
MW-117D	2586502.42	2028081.65	696.10	696.40	200.00		TOS from well completion
MW-119	2589374.24	2027137.22	718.97	716.50	62.41	Corner of Sawyer and South 4th Street	
MW-121	2587523.45	2030898.78	716.98	714.50	67.55	Corner of Harrison Ave. and Olsen Street	
MW-124	2590224.67	2030300.32	731.30	729.00	102.76	South of Park Court, west of railroad track	
MW-130	2594440.11	2030701.27	727.95	728.00	38.17	Corner of Alton Ave. and Sewell Street	
MW-133A	2600083.74	2028900.38	780.18	777.60	37.85	West end of Balsam Lane	
MW-133B	2600084.59	2028906.98	780.33	777.50	61.49		
MW-133C	2600090.11	2028901.64	780.29	777.70	98.49		
MW-136	2603572.26	2027821.67	834.77	834.90	44.33	North end of New England Drive	
MW-200	2595998.62	2027199.13	760.16	759.01	89.93	Southeast corner of 17th Street and Sawyer	
MW-201	2591771.57	2031653.69	728.51	728.71	49.80	Northeast Corner of Rockford Products Parking lot on the East side of 9th St, North of Harrision Ave.	Replaced existing flush protective casing with new, heavy-duty flush protective casing, June 2018
MW-202	2592985.38	2032213.06	729.62	729.94	50.01	West of 11th Street, South of Harrison Ave./23rd Street (Abe Pekarsky property, parking lot)	Replaced existing flush protective casing with new, heavy-duty flush protective casing, June 2018
MW-203	2592993.40	2032079.04	729.09	729.67	49.35	West of 11th Street, South of Harrison Ave./23rd Street (Abe Pekarsky property, parking lot)	Replaced dedicated monitoring well pump removed by others, November 2021
MW 204	2585435.61	2029789.39	717.21	717.21	88.96	South end of Falund Street	
MW-205A[3]	2585564.99	2027820.78	696.69	694.30	112.90	North of Brooke Road, east of Rock River	Reconfigure from flush to stickup mount, December 2016
MW-205B[3]	2585567.66	2027827.74	696.92	696.60	150.31		Reconfigure from flush to stickup mount, December 2016
MW-206A	2585871.82	2026940.34	693.70	694.06	90.24	Between River Blvd. and the Rock River	Wellhead rearrangement - modified from flush to stick-up June 2020
MW-206B	2585856.13	2026938.65	693.26	693.71	129.94		Wellhead rearrangement - modified from flush to stick-up June 2020
MW-206C	2585860.69	2026940.21	693.53	694.19	249.34		Reset casing and concrete seal - 2016, wellhead rearrangement - modified from flush to stick-up June 2020
MW-207	2587190.96	2026478.18	724.17	724.47	90.81	Corner of Martin Road & Grant Park Blvd.	

APPENDICES

APPENDIX A

Groundwater Monitoring
Data Validation Summary & Laboratory Data Sheets

Data Quality Control Criteria Review Summary

SDG Number: 50290436 **Project Number:** 1016-2

Site: SE Rockford, Semi-annual (First 2021)

Contractor Lab: Pace Analytical Services – Indianapolis (VOC analysis)

Validator: Maggie Mandell **Sample Date:** 6/16/21 – 6/17/21

Sample Matrix: Groundwater **Validation Date:** 8/26/21

Analytical Methods: Volatiles by EPA SW-846 5030B/8260

Sample Designations:

MW-101A	**MW-102C**	**MW-133B**	
MW-101B	**MW-113A**	**MW-133C**	
MW-101C	**MW-113B**	**MW-16**	
MW-101D	**MW-114A**	**FD-2**	
MW-102A	**MW-114B**	**Trip Blank**	
MW-102B	**MW-133A**		

The analytical data were reviewed in accordance with the analytical methods and the Environmental Protections Agency (EPA) Contract Laboratory Program (CLP) National Functional Guidelines. The review included comparing quality control (QC) values provided on the laboratory QC forms to method QC criteria. Review of the raw data was not performed.

Quality Control Summary

QC Review Item	Evaluation #
Completeness	X
Case Narrative	X
Chain of Custody (COC) Forms	X
Sample Preservation	X
Holding Times	X
Laboratory Blank Results	X
System Monitoring Compounds (Surrogate) Results	X
Matrix Spike/Matrix Duplicate (MS/MSD) Results	1
Laboratory Control Sample (LCS) Results	X
Method Specific Quality Control (QC) Results *	2
System Performance	X
Field Quality Control Results **	3
Other	NA

See validation summary comment
X Acceptable, no qualification necessary
NR Not required
NA Not applicable
* The reviewer has indicated in the comments, if necessary, the method specific QC results included in the data package that were reviewed.
** Field QC may include field duplicates, trip blanks, rinse blanks, field blanks, and equipment blank samples as required by project specific criteria.

Data for the above samples are:

- ☒ Acceptable for use
- ☐ Acceptable for use as qualified
- ☐ Unacceptable for use

Action required by Project Manager

- ☐ Yes
- ☒ No

Data Validation Summary Comments:

1. **Matrix Spike/Matrix Duplicate (MS/MSD) Results –** The matrix spike recovery duplicate RPD value was outside control limits for MS/MSD samples identified in the table below. The compounds were not detected in the investigative samples, except for bromomethane detected at an estimated 3.4 micrograms per liter (ug/l), below the reporting limit of 5.0 ug/l, in the MW-16 sample. No additional qualification is necessary.

Compound	RPD	QC Batch	Affected Samples	Qualifier(s)
Bromomethane	34	627737	MW133C	R1
Chloromethane	24	627737	MW133C	R1
Acetone	22	627740	LCS	R1

2. **Method Blank –** An analyte, carbon disulfide, was detected in the associated QC batch method blank. The compound was detected in investigative samples from MW-101B, MW-102C, MW-133B, MW-16, and FD-2, at concentrations below the reporting limit. Therefore, no qualification is necessary.

Compound	QC Batch	Affected Samples	Qualifier(s)
Carbon disulfide	627737	All	B
Carbon disulfide	628222	All	B

3. **Field Quality Control Samples** – One field duplicate was collected during this sampling event. The RPD is not necessarily calculated if both the primary and duplicate results are not five times greater than the reporting limit. The RPD between the investigative and duplicate samples was less than or equal to 5%. The RPD values only consider the comparison of two concentrations reported above the reporting limit. Qualification is not necessary.

Overall Assessment of Data:

The Pace Work Order Report #50290436 is 100% complete. The data usability is based on EPA's guidance documents. No problems were identified with reported data and analytical performance was within specified limits. The data are acceptable and meet the project's data quality objectives.

Data Quality Control Criteria Review Summary

SDG Number: A212509 **Project Number:** 1016-2

Site: SE Rockford, Semi-annual (First 2021)

Contractor Lab: Pace Analytical Services – Madison

Validator: Maggie Mandell **Sample Date:** 6/16/21 - 6/17/21

Sample Matrix: Groundwater **Validation Date:** 8/26/21

Analytical Methods: EPA 8260 by SPME (1,4-Dioxane)

Sample Designations:

MW-101A	**MW-102B**	**MW-114B**	**FD-2**
MW-101B	**MW-102C**	**MW-133A**	
MW-101C	**MW-113A**	**MW-133B**	
MW-101D	**MW-113B**	**MW-133C**	
MW-102A	**MW-114A**	**MW-16**	

The analytical data were reviewed in accordance with the analytical methods and the Environmental Protections Agency (EPA) Contract Laboratory Program (CLP) National Functional Guidelines. The review included comparing quality control (QC) values provided on the laboratory QC forms to method QC criteria. Review of the raw data was not performed.

Quality Control Summary

QC Review Item	VOA
Completeness	1
Case Narrative	X
Chain of Custody (COC) Forms	X
Sample Preservation	X
Holding Times	X
Laboratory Blank Results	X
System Monitoring Compounds (Surrogate) Results	X
Matrix Spike/Matrix Duplicate (MS/MSD) Results	X
Laboratory Control Sample (LCS) Results	X
Method Specific Quality Control (QC) Results *	X
System Performance	X
Field Quality Control Results #	2
Other	NA

X Acceptable, no qualification necessary
See validation summary comment
NR Not required
NA Not applicable
*) The reviewer has indicated in the comments, if necessary, the method specific QC results included in the data package that were reviewed.
#) Field QC may include field duplicates, trip blanks, rinse blanks, field blanks, and equipment blank samples as required by project specific criteria.

Data for the above samples are:

- [x] Acceptable for use
- [ ] Acceptable for use as qualified
- [ ] Unacceptable for use

Action required by Project Manager

- [ ] Yes
- [x] No

Data Validation Summary Comments:

1. **Completeness –** A Level IV data package, including QC and calibration documentation, was provided by the laboratory. The data package is complete.

2. **Field Quality Control Samples** – One field duplicate was collected during this sampling event. The RPD is not necessarily calculated if both the primary and duplicate results are not five times greater than the reporting limit. The RPD between the investigative and duplicate samples is 0%. The RPD values only consider the comparison of two concentrations reported above the reporting limit. Qualification is not necessary.

Overall Assessment of Data:

The Pace Work Order Report #50290436 – SDG A212509 is 100% complete. The data usability is based on EPA's guidance documents. No problems were identified with reported data and analytical performance was within specified limits. The data are acceptable and meet the project's data quality objectives.

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SAMPLE SUMMARY

Project: SE Rockford, IL Site
Pace Project No.: 50290436

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50290436001	**MW101A**	Water	06/16/21 10:48	06/18/21 09:40
50290436002	**MW101B**	Water	06/16/21 11:29	06/18/21 09:40
50290436003	**MW101D**	Water	06/16/21 12:08	06/18/21 09:40
50290436004	**MW101C**	Water	06/16/21 12:59	06/18/21 09:40
50290436005	**MW102A**	Water	06/16/21 13:50	06/18/21 09:40
50290436006	**MW102B**	Water	06/16/21 14:28	06/18/21 09:40
50290436007	**MW102C**	Water	06/16/21 15:14	06/18/21 09:40
50290436008	**MW114A**	Water	06/16/21 16:17	06/18/21 09:40
50290436009	**MW114B**	Water	06/16/21 16:48	06/18/21 09:40
50290436010	**FD-2**	Water	06/16/21 16:52	06/18/21 09:40
50290436011	**MW16**	Water	06/16/21 17:26	06/18/21 09:40
50290436012	**MW133A**	Water	06/17/21 10:52	06/18/21 09:40
50290436013	**MW133B**	Water	06/17/21 11:20	06/18/21 09:40
50290436014	**MW133C**	Water	06/17/21 11:47	06/18/21 09:40
50290436015	**MW113A**	Water	06/17/21 12:36	06/18/21 09:40
50290436016	**MW113B**	Water	06/17/21 13:09	06/18/21 09:40
50290436017	**Trip Blank**	Water	06/17/21 00:00	06/18/21 09:40

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SAMPLE ANALYTE COUNT

Project: SE Rockford, IL Site
Pace Project No.: 50290436

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50290436001	**MW101A**	EPA 5030B/8260	BRP	43	PASI-I
50290436002	**MW101B**	EPA 5030B/8260	BRP	43	PASI-I
50290436003	**MW101D**	EPA 5030B/8260	BRP	43	PASI-I
50290436004	**MW101C**	EPA 5030B/8260	BRP	43	PASI-I
50290436005	**MW102A**	EPA 5030B/8260	BRP	43	PASI-I
50290436006	**MW102B**	EPA 5030B/8260	BRP	43	PASI-I
50290436007	**MW102C**	EPA 5030B/8260	BRP	43	PASI-I
50290436008	**MW114A**	EPA 5030B/8260	BRP	43	PASI-I
50290436009	**MW114B**	EPA 5030B/8260	BRP	43	PASI-I
50290436010	**FD-2**	EPA 5030B/8260	BRP	43	PASI-I
50290436011	**MW16**	EPA 5030B/8260	BRP	43	PASI-I
50290436012	**MW133A**	EPA 5030B/8260	BRP	43	PASI-I
50290436013	**MW133B**	EPA 5030B/8260	BRP	43	PASI-I
50290436014	**MW133C**	EPA 5030B/8260	BRP	43	PASI-I
50290436015	**MW113A**	EPA 5030B/8260	BRP	43	PASI-I
50290436016	**MW113B**	EPA 5030B/8260	BRP	43	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

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PROJECT NARRATIVE

Project: SE Rockford, IL Site
Pace Project No.: 50290436

Method: **EPA 5030B/8260**
Description: 8260 MSV Low Level
Client: Nationwide Environmental Services
Date: July 01, 2021

General Information:
16 samples were analyzed for EPA 5030B/8260 by Pace Analytical Services Indianapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

QC Batch: 627737

B: Analyte was detected in the associated method blank.

- BLANK for HBN 627737 [MSV/1514 (Lab ID: 2892183)
  - Carbon disulfide

QC Batch: 628222

B: Analyte was detected in the associated method blank.

- BLANK for HBN 628222 [MSV/1515 (Lab ID: 2895052)
  - Carbon disulfide

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 627737

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 50290436014

R1: RPD value was outside control limits.

- MSD (Lab ID: 2892186)
  - Bromomethane
  - Chloromethane

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PROJECT NARRATIVE

Project: SE Rockford, IL Site
Pace Project No.: 50290436

Method: **EPA 5030B/8260**
Description: 8260 MSV Low Level
Client: Nationwide Environmental Services
Date: July 01, 2021

QC Batch: 627740

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 50290292002

R1: RPD value was outside control limits.

- MSD (Lab ID: 2892193)
  - Acetone

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290436

Sample: MW101A **Lab ID: 50290436001** Collected: 06/16/21 10:48 Received: 06/18/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	4.5	1		06/23/21 15:39	67-64-1	
Benzene	ND	ug/L	1.0	0.10	1		06/23/21 15:39	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		06/23/21 15:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		06/23/21 15:39	75-27-4	
Bromoform	ND	ug/L	1.0	0.16	1		06/23/21 15:39	75-25-2	
Bromomethane	ND	ug/L	5.0	0.53	1		06/23/21 15:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.97	1		06/23/21 15:39	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.13	1		06/23/21 15:39	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.076	1		06/23/21 15:39	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		06/23/21 15:39	108-90-7	
Chloroethane	ND	ug/L	2.0	0.16	1		06/23/21 15:39	75-00-3	
Chloroform	**2.1**	ug/L	1.0	0.096	1		06/23/21 15:39	67-66-3	
Chloromethane	ND	ug/L	2.0	0.24	1		06/23/21 15:39	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.87	1		06/23/21 15:39	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.19	1		06/23/21 15:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.13	1		06/23/21 15:39	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.10	1		06/23/21 15:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.14	1		06/23/21 15:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.16	1		06/23/21 15:39	106-46-7	
1,1-Dichloroethane	**139**	ug/L	1.0	0.088	1		06/23/21 15:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.13	1		06/23/21 15:39	107-06-2	
1,1-Dichloroethene	**25.7**	ug/L	1.0	0.090	1		06/23/21 15:39	75-35-4	
cis-1,2-Dichloroethene	**69.5**	ug/L	1.0	0.084	1		06/23/21 15:39	156-59-2	
trans-1,2-Dichloroethene	**5.6**	ug/L	1.0	0.12	1		06/23/21 15:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.16	1		06/23/21 15:39	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		06/23/21 15:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		06/23/21 15:39	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.087	1		06/23/21 15:39	100-41-4	
2-Hexanone	ND	ug/L	20.0	1.0	1		06/23/21 15:39	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.3	1		06/23/21 15:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	1.0	1		06/23/21 15:39	108-10-1	
Styrene	ND	ug/L	1.0	0.078	1		06/23/21 15:39	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/23/21 15:39	79-34-5	
Tetrachloroethene	**24.9**	ug/L	1.0	0.21	1		06/23/21 15:39	127-18-4	
Toluene	ND	ug/L	1.0	0.086	1		06/23/21 15:39	108-88-3	
1,1,1-Trichloroethane	**262**	ug/L	1.0	0.082	1		06/23/21 15:39	71-55-6	
1,1,2-Trichloroethane	**0.75J**	ug/L	1.0	0.33	1		06/23/21 15:39	79-00-5	
Trichloroethene	**33.4**	ug/L	1.0	0.17	1		06/23/21 15:39	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.21	1		06/23/21 15:39	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.15	1		06/23/21 15:39	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%.	78-117		1		06/23/21 15:39	460-00-4	
Dibromofluoromethane (S)	95	%.	78-120		1		06/23/21 15:39	1868-53-7	
Toluene-d8 (S)	100	%.	77-118		1		06/23/21 15:39	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290436

Sample: MW101B **Lab ID: 50290436002** Collected: 06/16/21 11:29 Received: 06/18/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	4.5	1		06/26/21 10:05	67-64-1	
Benzene	ND	ug/L	1.0	0.10	1		06/26/21 10:05	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		06/26/21 10:05	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		06/26/21 10:05	75-27-4	
Bromoform	ND	ug/L	1.0	0.16	1		06/26/21 10:05	75-25-2	
Bromomethane	ND	ug/L	5.0	0.53	1		06/26/21 10:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.97	1		06/26/21 10:05	78-93-3	
Carbon disulfide	**0.20J**	ug/L	5.0	0.13	1		06/26/21 10:05	75-15-0	B
Carbon tetrachloride	ND	ug/L	1.0	0.076	1		06/26/21 10:05	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		06/26/21 10:05	108-90-7	
Chloroethane	ND	ug/L	2.0	0.16	1		06/26/21 10:05	75-00-3	
Chloroform	ND	ug/L	1.0	0.096	1		06/26/21 10:05	67-66-3	
Chloromethane	ND	ug/L	2.0	0.24	1		06/26/21 10:05	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.87	1		06/26/21 10:05	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.19	1		06/26/21 10:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.13	1		06/26/21 10:05	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.10	1		06/26/21 10:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.14	1		06/26/21 10:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.16	1		06/26/21 10:05	106-46-7	
1,1-Dichloroethane	**98.8**	ug/L	1.0	0.088	1		06/26/21 10:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.13	1		06/26/21 10:05	107-06-2	
1,1-Dichloroethene	**17.5**	ug/L	1.0	0.090	1		06/26/21 10:05	75-35-4	
cis-1,2-Dichloroethene	**7.0**	ug/L	1.0	0.084	1		06/26/21 10:05	156-59-2	
trans-1,2-Dichloroethene	**2.8**	ug/L	1.0	0.12	1		06/26/21 10:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.16	1		06/26/21 10:05	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		06/26/21 10:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		06/26/21 10:05	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.087	1		06/26/21 10:05	100-41-4	
2-Hexanone	ND	ug/L	20.0	1.0	1		06/26/21 10:05	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.3	1		06/26/21 10:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	1.0	1		06/26/21 10:05	108-10-1	
Styrene	ND	ug/L	1.0	0.078	1		06/26/21 10:05	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/26/21 10:05	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.21	1		06/26/21 10:05	127-18-4	
Toluene	ND	ug/L	1.0	0.086	1		06/26/21 10:05	108-88-3	
1,1,1-Trichloroethane	**281**	ug/L	1.0	0.082	1		06/26/21 10:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.33	1		06/26/21 10:05	79-00-5	
Trichloroethene	**15.9**	ug/L	1.0	0.17	1		06/26/21 10:05	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.21	1		06/26/21 10:05	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.15	1		06/26/21 10:05	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	109	%.	78-117		1		06/26/21 10:05	460-00-4	
Dibromofluoromethane (S)	96	%.	78-120		1		06/26/21 10:05	1868-53-7	
Toluene-d8 (S)	106	%.	77-118		1		06/26/21 10:05	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290436

Sample: MW101D **Lab ID: 50290436003** Collected: 06/16/21 12:08 Received: 06/18/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	4.5	1		06/23/21 16:45	67-64-1	
Benzene	ND	ug/L	1.0	0.10	1		06/23/21 16:45	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		06/23/21 16:45	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		06/23/21 16:45	75-27-4	
Bromoform	ND	ug/L	1.0	0.16	1		06/23/21 16:45	75-25-2	
Bromomethane	ND	ug/L	5.0	0.53	1		06/23/21 16:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.97	1		06/23/21 16:45	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.13	1		06/23/21 16:45	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.076	1		06/23/21 16:45	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		06/23/21 16:45	108-90-7	
Chloroethane	ND	ug/L	2.0	0.16	1		06/23/21 16:45	75-00-3	
Chloroform	ND	ug/L	1.0	0.096	1		06/23/21 16:45	67-66-3	
Chloromethane	ND	ug/L	2.0	0.24	1		06/23/21 16:45	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.87	1		06/23/21 16:45	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.19	1		06/23/21 16:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.13	1		06/23/21 16:45	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.10	1		06/23/21 16:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.14	1		06/23/21 16:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.16	1		06/23/21 16:45	106-46-7	
1,1-Dichloroethane	**5.1**	ug/L	1.0	0.088	1		06/23/21 16:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.13	1		06/23/21 16:45	107-06-2	
1,1-Dichloroethene	**1.0**	ug/L	1.0	0.090	1		06/23/21 16:45	75-35-4	
cis-1,2-Dichloroethene	**0.52J**	ug/L	1.0	0.084	1		06/23/21 16:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.12	1		06/23/21 16:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.16	1		06/23/21 16:45	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		06/23/21 16:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		06/23/21 16:45	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.087	1		06/23/21 16:45	100-41-4	
2-Hexanone	ND	ug/L	20.0	1.0	1		06/23/21 16:45	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.3	1		06/23/21 16:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	1.0	1		06/23/21 16:45	108-10-1	
Styrene	ND	ug/L	1.0	0.078	1		06/23/21 16:45	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/23/21 16:45	79-34-5	
Tetrachloroethene	**0.90J**	ug/L	1.0	0.21	1		06/23/21 16:45	127-18-4	
Toluene	ND	ug/L	1.0	0.086	1		06/23/21 16:45	108-88-3	
1,1,1-Trichloroethane	**12.5**	ug/L	1.0	0.082	1		06/23/21 16:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.33	1		06/23/21 16:45	79-00-5	
Trichloroethene	**1.0J**	ug/L	1.0	0.17	1		06/23/21 16:45	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.21	1		06/23/21 16:45	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.15	1		06/23/21 16:45	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105	%.	78-117		1		06/23/21 16:45	460-00-4	
Dibromofluoromethane (S)	98	%.	78-120		1		06/23/21 16:45	1868-53-7	
Toluene-d8 (S)	98	%.	77-118		1		06/23/21 16:45	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290436

Sample: MW101C **Lab ID: 50290436004** Collected: 06/16/21 12:59 Received: 06/18/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	4.5	1		06/23/21 17:17	67-64-1	
Benzene	ND	ug/L	1.0	0.10	1		06/23/21 17:17	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		06/23/21 17:17	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		06/23/21 17:17	75-27-4	
Bromoform	ND	ug/L	1.0	0.16	1		06/23/21 17:17	75-25-2	
Bromomethane	ND	ug/L	5.0	0.53	1		06/23/21 17:17	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.97	1		06/23/21 17:17	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.13	1		06/23/21 17:17	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.076	1		06/23/21 17:17	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		06/23/21 17:17	108-90-7	
Chloroethane	ND	ug/L	2.0	0.16	1		06/23/21 17:17	75-00-3	
Chloroform	**0.35J**	ug/L	1.0	0.096	1		06/23/21 17:17	67-66-3	
Chloromethane	ND	ug/L	2.0	0.24	1		06/23/21 17:17	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.87	1		06/23/21 17:17	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.19	1		06/23/21 17:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.13	1		06/23/21 17:17	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.10	1		06/23/21 17:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.14	1		06/23/21 17:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.16	1		06/23/21 17:17	106-46-7	
1,1-Dichloroethane	**93.9**	ug/L	1.0	0.088	1		06/23/21 17:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.13	1		06/23/21 17:17	107-06-2	
1,1-Dichloroethene	**15.1**	ug/L	1.0	0.090	1		06/23/21 17:17	75-35-4	
cis-1,2-Dichloroethene	**7.2**	ug/L	1.0	0.084	1		06/23/21 17:17	156-59-2	
trans-1,2-Dichloroethene	**2.8**	ug/L	1.0	0.12	1		06/23/21 17:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.16	1		06/23/21 17:17	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		06/23/21 17:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		06/23/21 17:17	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.087	1		06/23/21 17:17	100-41-4	
2-Hexanone	ND	ug/L	20.0	1.0	1		06/23/21 17:17	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.3	1		06/23/21 17:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	1.0	1		06/23/21 17:17	108-10-1	
Styrene	ND	ug/L	1.0	0.078	1		06/23/21 17:17	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/23/21 17:17	79-34-5	
Tetrachloroethene	**12.8**	ug/L	1.0	0.21	1		06/23/21 17:17	127-18-4	
Toluene	ND	ug/L	1.0	0.086	1		06/23/21 17:17	108-88-3	
1,1,1-Trichloroethane	**260**	ug/L	1.0	0.082	1		06/23/21 17:17	71-55-6	
1,1,2-Trichloroethane	**0.40J**	ug/L	1.0	0.33	1		06/23/21 17:17	79-00-5	
Trichloroethene	**9.2**	ug/L	1.0	0.17	1		06/23/21 17:17	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.21	1		06/23/21 17:17	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.15	1		06/23/21 17:17	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%.	78-117		1		06/23/21 17:17	460-00-4	
Dibromofluoromethane (S)	94	%.	78-120		1		06/23/21 17:17	1868-53-7	
Toluene-d8 (S)	99	%.	77-118		1		06/23/21 17:17	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290436

Sample: MW102A **Lab ID: 50290436005** Collected: 06/16/21 13:50 Received: 06/18/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	4.5	1		06/23/21 17:50	67-64-1	
Benzene	ND	ug/L	1.0	0.10	1		06/23/21 17:50	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		06/23/21 17:50	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		06/23/21 17:50	75-27-4	
Bromoform	ND	ug/L	1.0	0.16	1		06/23/21 17:50	75-25-2	
Bromomethane	ND	ug/L	5.0	0.53	1		06/23/21 17:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.97	1		06/23/21 17:50	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.13	1		06/23/21 17:50	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.076	1		06/23/21 17:50	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		06/23/21 17:50	108-90-7	
Chloroethane	ND	ug/L	2.0	0.16	1		06/23/21 17:50	75-00-3	
Chloroform	ND	ug/L	1.0	0.096	1		06/23/21 17:50	67-66-3	
Chloromethane	ND	ug/L	2.0	0.24	1		06/23/21 17:50	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.87	1		06/23/21 17:50	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.19	1		06/23/21 17:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.13	1		06/23/21 17:50	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.10	1		06/23/21 17:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.14	1		06/23/21 17:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.16	1		06/23/21 17:50	106-46-7	
1,1-Dichloroethane	**27.3**	ug/L	1.0	0.088	1		06/23/21 17:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.13	1		06/23/21 17:50	107-06-2	
1,1-Dichloroethene	**0.29J**	ug/L	1.0	0.090	1		06/23/21 17:50	75-35-4	
cis-1,2-Dichloroethene	**20.5**	ug/L	1.0	0.084	1		06/23/21 17:50	156-59-2	
trans-1,2-Dichloroethene	**1.6**	ug/L	1.0	0.12	1		06/23/21 17:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.16	1		06/23/21 17:50	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		06/23/21 17:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		06/23/21 17:50	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.087	1		06/23/21 17:50	100-41-4	
2-Hexanone	ND	ug/L	20.0	1.0	1		06/23/21 17:50	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.3	1		06/23/21 17:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	1.0	1		06/23/21 17:50	108-10-1	
Styrene	ND	ug/L	1.0	0.078	1		06/23/21 17:50	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/23/21 17:50	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.21	1		06/23/21 17:50	127-18-4	
Toluene	ND	ug/L	1.0	0.086	1		06/23/21 17:50	108-88-3	
1,1,1-Trichloroethane	**13.3**	ug/L	1.0	0.082	1		06/23/21 17:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.33	1		06/23/21 17:50	79-00-5	
Trichloroethene	**4.3**	ug/L	1.0	0.17	1		06/23/21 17:50	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.21	1		06/23/21 17:50	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.15	1		06/23/21 17:50	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	104	%.	78-117		1		06/23/21 17:50	460-00-4	
Dibromofluoromethane (S)	96	%.	78-120		1		06/23/21 17:50	1868-53-7	
Toluene-d8 (S)	100	%.	77-118		1		06/23/21 17:50	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290436

Sample: MW102B **Lab ID: 50290436006** Collected: 06/16/21 14:28 Received: 06/18/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	4.5	1		06/23/21 18:23	67-64-1	
Benzene	ND	ug/L	1.0	0.10	1		06/23/21 18:23	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		06/23/21 18:23	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		06/23/21 18:23	75-27-4	
Bromoform	ND	ug/L	1.0	0.16	1		06/23/21 18:23	75-25-2	
Bromomethane	ND	ug/L	5.0	0.53	1		06/23/21 18:23	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.97	1		06/23/21 18:23	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.13	1		06/23/21 18:23	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.076	1		06/23/21 18:23	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		06/23/21 18:23	108-90-7	
Chloroethane	**2.1**	ug/L	2.0	0.16	1		06/23/21 18:23	75-00-3	
Chloroform	ND	ug/L	1.0	0.096	1		06/23/21 18:23	67-66-3	
Chloromethane	ND	ug/L	2.0	0.24	1		06/23/21 18:23	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.87	1		06/23/21 18:23	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.19	1		06/23/21 18:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.13	1		06/23/21 18:23	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.10	1		06/23/21 18:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.14	1		06/23/21 18:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.16	1		06/23/21 18:23	106-46-7	
1,1-Dichloroethane	**2.9**	ug/L	1.0	0.088	1		06/23/21 18:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.13	1		06/23/21 18:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.090	1		06/23/21 18:23	75-35-4	
cis-1,2-Dichloroethene	**3.8**	ug/L	1.0	0.084	1		06/23/21 18:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.12	1		06/23/21 18:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.16	1		06/23/21 18:23	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		06/23/21 18:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		06/23/21 18:23	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.087	1		06/23/21 18:23	100-41-4	
2-Hexanone	ND	ug/L	20.0	1.0	1		06/23/21 18:23	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.3	1		06/23/21 18:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	1.0	1		06/23/21 18:23	108-10-1	
Styrene	ND	ug/L	1.0	0.078	1		06/23/21 18:23	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/23/21 18:23	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.21	1		06/23/21 18:23	127-18-4	
Toluene	**0.11J**	ug/L	1.0	0.086	1		06/23/21 18:23	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.082	1		06/23/21 18:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.33	1		06/23/21 18:23	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.17	1		06/23/21 18:23	79-01-6	
Vinyl chloride	**6.9**	ug/L	1.0	0.21	1		06/23/21 18:23	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.15	1		06/23/21 18:23	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105	%.	78-117		1		06/23/21 18:23	460-00-4	
Dibromofluoromethane (S)	94	%.	78-120		1		06/23/21 18:23	1868-53-7	
Toluene-d8 (S)	100	%.	77-118		1		06/23/21 18:23	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290436

Sample: MW102C **Lab ID: 50290436007** Collected: 06/16/21 15:14 Received: 06/18/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	4.5	1		06/23/21 18:56	67-64-1	
Benzene	ND	ug/L	1.0	0.10	1		06/23/21 18:56	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		06/23/21 18:56	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		06/23/21 18:56	75-27-4	
Bromoform	ND	ug/L	1.0	0.16	1		06/23/21 18:56	75-25-2	
Bromomethane	ND	ug/L	5.0	0.53	1		06/23/21 18:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.97	1		06/23/21 18:56	78-93-3	
Carbon disulfide	**0.19J**	ug/L	5.0	0.13	1		06/23/21 18:56	75-15-0	B
Carbon tetrachloride	ND	ug/L	1.0	0.076	1		06/23/21 18:56	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		06/23/21 18:56	108-90-7	
Chloroethane	ND	ug/L	2.0	0.16	1		06/23/21 18:56	75-00-3	
Chloroform	ND	ug/L	1.0	0.096	1		06/23/21 18:56	67-66-3	
Chloromethane	ND	ug/L	2.0	0.24	1		06/23/21 18:56	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.87	1		06/23/21 18:56	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.19	1		06/23/21 18:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.13	1		06/23/21 18:56	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.10	1		06/23/21 18:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.14	1		06/23/21 18:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.16	1		06/23/21 18:56	106-46-7	
1,1-Dichloroethane	**115**	ug/L	1.0	0.088	1		06/23/21 18:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.13	1		06/23/21 18:56	107-06-2	
1,1-Dichloroethene	**19.6**	ug/L	1.0	0.090	1		06/23/21 18:56	75-35-4	
cis-1,2-Dichloroethene	**44.7**	ug/L	1.0	0.084	1		06/23/21 18:56	156-59-2	
trans-1,2-Dichloroethene	**2.7**	ug/L	1.0	0.12	1		06/23/21 18:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.16	1		06/23/21 18:56	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		06/23/21 18:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		06/23/21 18:56	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.087	1		06/23/21 18:56	100-41-4	
2-Hexanone	ND	ug/L	20.0	1.0	1		06/23/21 18:56	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.3	1		06/23/21 18:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	1.0	1		06/23/21 18:56	108-10-1	
Styrene	ND	ug/L	1.0	0.078	1		06/23/21 18:56	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/23/21 18:56	79-34-5	
Tetrachloroethene	**3.4**	ug/L	1.0	0.21	1		06/23/21 18:56	127-18-4	
Toluene	ND	ug/L	1.0	0.086	1		06/23/21 18:56	108-88-3	
1,1,1-Trichloroethane	**93.0**	ug/L	1.0	0.082	1		06/23/21 18:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.33	1		06/23/21 18:56	79-00-5	
Trichloroethene	**9.7**	ug/L	1.0	0.17	1		06/23/21 18:56	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.21	1		06/23/21 18:56	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.15	1		06/23/21 18:56	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	106	%.	78-117		1		06/23/21 18:56	460-00-4	
Dibromofluoromethane (S)	95	%.	78-120		1		06/23/21 18:56	1868-53-7	
Toluene-d8 (S)	102	%.	77-118		1		06/23/21 18:56	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290436

Sample: MW114A **Lab ID: 50290436008** Collected: 06/16/21 16:17 Received: 06/18/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	4.5	1		06/23/21 19:29	67-64-1	
Benzene	ND	ug/L	1.0	0.10	1		06/23/21 19:29	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		06/23/21 19:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		06/23/21 19:29	75-27-4	
Bromoform	ND	ug/L	1.0	0.16	1		06/23/21 19:29	75-25-2	
Bromomethane	ND	ug/L	5.0	0.53	1		06/23/21 19:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.97	1		06/23/21 19:29	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.13	1		06/23/21 19:29	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.076	1		06/23/21 19:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		06/23/21 19:29	108-90-7	
Chloroethane	ND	ug/L	2.0	0.16	1		06/23/21 19:29	75-00-3	
Chloroform	ND	ug/L	1.0	0.096	1		06/23/21 19:29	67-66-3	
Chloromethane	ND	ug/L	2.0	0.24	1		06/23/21 19:29	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.87	1		06/23/21 19:29	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.19	1		06/23/21 19:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.13	1		06/23/21 19:29	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.10	1		06/23/21 19:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.14	1		06/23/21 19:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.16	1		06/23/21 19:29	106-46-7	
1,1-Dichloroethane	**4.7**	ug/L	1.0	0.088	1		06/23/21 19:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.13	1		06/23/21 19:29	107-06-2	
1,1-Dichloroethene	**1.9**	ug/L	1.0	0.090	1		06/23/21 19:29	75-35-4	
cis-1,2-Dichloroethene	**2.2**	ug/L	1.0	0.084	1		06/23/21 19:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.12	1		06/23/21 19:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.16	1		06/23/21 19:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		06/23/21 19:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		06/23/21 19:29	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.087	1		06/23/21 19:29	100-41-4	
2-Hexanone	ND	ug/L	20.0	1.0	1		06/23/21 19:29	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.3	1		06/23/21 19:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	1.0	1		06/23/21 19:29	108-10-1	
Styrene	ND	ug/L	1.0	0.078	1		06/23/21 19:29	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/23/21 19:29	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.21	1		06/23/21 19:29	127-18-4	
Toluene	ND	ug/L	1.0	0.086	1		06/23/21 19:29	108-88-3	
1,1,1-Trichloroethane	**9.2**	ug/L	1.0	0.082	1		06/23/21 19:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.33	1		06/23/21 19:29	79-00-5	
Trichloroethene	**0.71J**	ug/L	1.0	0.17	1		06/23/21 19:29	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.21	1		06/23/21 19:29	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.15	1		06/23/21 19:29	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%.	78-117		1		06/23/21 19:29	460-00-4	
Dibromofluoromethane (S)	98	%.	78-120		1		06/23/21 19:29	1868-53-7	
Toluene-d8 (S)	100	%.	77-118		1		06/23/21 19:29	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290436

Sample: MW114B **Lab ID: 50290436009** Collected: 06/16/21 16:48 Received: 06/18/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	4.5	1		06/23/21 20:02	67-64-1	
Benzene	ND	ug/L	1.0	0.10	1		06/23/21 20:02	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		06/23/21 20:02	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		06/23/21 20:02	75-27-4	
Bromoform	ND	ug/L	1.0	0.16	1		06/23/21 20:02	75-25-2	
Bromomethane	ND	ug/L	5.0	0.53	1		06/23/21 20:02	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.97	1		06/23/21 20:02	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.13	1		06/23/21 20:02	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.076	1		06/23/21 20:02	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		06/23/21 20:02	108-90-7	
Chloroethane	ND	ug/L	2.0	0.16	1		06/23/21 20:02	75-00-3	
Chloroform	ND	ug/L	1.0	0.096	1		06/23/21 20:02	67-66-3	
Chloromethane	ND	ug/L	2.0	0.24	1		06/23/21 20:02	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.87	1		06/23/21 20:02	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.19	1		06/23/21 20:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.13	1		06/23/21 20:02	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.10	1		06/23/21 20:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.14	1		06/23/21 20:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.16	1		06/23/21 20:02	106-46-7	
1,1-Dichloroethane	**1.9**	ug/L	1.0	0.088	1		06/23/21 20:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.13	1		06/23/21 20:02	107-06-2	
1,1-Dichloroethene	**0.36J**	ug/L	1.0	0.090	1		06/23/21 20:02	75-35-4	
cis-1,2-Dichloroethene	**0.89J**	ug/L	1.0	0.084	1		06/23/21 20:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.12	1		06/23/21 20:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.16	1		06/23/21 20:02	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		06/23/21 20:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		06/23/21 20:02	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.087	1		06/23/21 20:02	100-41-4	
2-Hexanone	ND	ug/L	20.0	1.0	1		06/23/21 20:02	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.3	1		06/23/21 20:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	1.0	1		06/23/21 20:02	108-10-1	
Styrene	ND	ug/L	1.0	0.078	1		06/23/21 20:02	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/23/21 20:02	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.21	1		06/23/21 20:02	127-18-4	
Toluene	ND	ug/L	1.0	0.086	1		06/23/21 20:02	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.082	1		06/23/21 20:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.33	1		06/23/21 20:02	79-00-5	
Trichloroethene	**2.1**	ug/L	1.0	0.17	1		06/23/21 20:02	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.21	1		06/23/21 20:02	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.15	1		06/23/21 20:02	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	106	%.	78-117		1		06/23/21 20:02	460-00-4	
Dibromofluoromethane (S)	100	%.	78-120		1		06/23/21 20:02	1868-53-7	
Toluene-d8 (S)	100	%.	77-118		1		06/23/21 20:02	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290436

Sample: FD-2 **Lab ID: 50290436010** Collected: 06/16/21 16:52 Received: 06/18/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	4.5	1		06/26/21 10:38	67-64-1	
Benzene	ND	ug/L	1.0	0.10	1		06/26/21 10:38	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		06/26/21 10:38	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		06/26/21 10:38	75-27-4	
Bromoform	ND	ug/L	1.0	0.16	1		06/26/21 10:38	75-25-2	
Bromomethane	ND	ug/L	5.0	0.53	1		06/26/21 10:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.97	1		06/26/21 10:38	78-93-3	
Carbon disulfide	**0.32J**	ug/L	5.0	0.13	1		06/26/21 10:38	75-15-0	B
Carbon tetrachloride	ND	ug/L	1.0	0.076	1		06/26/21 10:38	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		06/26/21 10:38	108-90-7	
Chloroethane	ND	ug/L	2.0	0.16	1		06/26/21 10:38	75-00-3	
Chloroform	ND	ug/L	1.0	0.096	1		06/26/21 10:38	67-66-3	
Chloromethane	ND	ug/L	2.0	0.24	1		06/26/21 10:38	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.87	1		06/26/21 10:38	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.19	1		06/26/21 10:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.13	1		06/26/21 10:38	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.10	1		06/26/21 10:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.14	1		06/26/21 10:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.16	1		06/26/21 10:38	106-46-7	
1,1-Dichloroethane	**1.8**	ug/L	1.0	0.088	1		06/26/21 10:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.13	1		06/26/21 10:38	107-06-2	
1,1-Dichloroethene	**0.39J**	ug/L	1.0	0.090	1		06/26/21 10:38	75-35-4	
cis-1,2-Dichloroethene	**0.93J**	ug/L	1.0	0.084	1		06/26/21 10:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.12	1		06/26/21 10:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.16	1		06/26/21 10:38	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		06/26/21 10:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		06/26/21 10:38	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.087	1		06/26/21 10:38	100-41-4	
2-Hexanone	ND	ug/L	20.0	1.0	1		06/26/21 10:38	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.3	1		06/26/21 10:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	1.0	1		06/26/21 10:38	108-10-1	
Styrene	ND	ug/L	1.0	0.078	1		06/26/21 10:38	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/26/21 10:38	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.21	1		06/26/21 10:38	127-18-4	
Toluene	ND	ug/L	1.0	0.086	1		06/26/21 10:38	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.082	1		06/26/21 10:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.33	1		06/26/21 10:38	79-00-5	
Trichloroethene	**3.2**	ug/L	1.0	0.17	1		06/26/21 10:38	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.21	1		06/26/21 10:38	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.15	1		06/26/21 10:38	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%.	78-117		1		06/26/21 10:38	460-00-4	
Dibromofluoromethane (S)	98	%.	78-120		1		06/26/21 10:38	1868-53-7	
Toluene-d8 (S)	102	%.	77-118		1		06/26/21 10:38	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290436

Sample: MW16 **Lab ID: 50290436011** Collected: 06/16/21 17:26 Received: 06/18/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	4.5	1		06/23/21 21:08	67-64-1	
Benzene	ND	ug/L	1.0	0.10	1		06/23/21 21:08	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		06/23/21 21:08	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		06/23/21 21:08	75-27-4	
Bromoform	ND	ug/L	1.0	0.16	1		06/23/21 21:08	75-25-2	
Bromomethane	**3.4J**	ug/L	5.0	0.53	1		06/23/21 21:08	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.97	1		06/23/21 21:08	78-93-3	
Carbon disulfide	**0.15J**	ug/L	5.0	0.13	1		06/23/21 21:08	75-15-0	B
Carbon tetrachloride	ND	ug/L	1.0	0.076	1		06/23/21 21:08	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		06/23/21 21:08	108-90-7	
Chloroethane	**1.3J**	ug/L	2.0	0.16	1		06/23/21 21:08	75-00-3	
Chloroform	**0.11J**	ug/L	1.0	0.096	1		06/23/21 21:08	67-66-3	
Chloromethane	ND	ug/L	2.0	0.24	1		06/23/21 21:08	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.87	1		06/23/21 21:08	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.19	1		06/23/21 21:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.13	1		06/23/21 21:08	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.10	1		06/23/21 21:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.14	1		06/23/21 21:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.16	1		06/23/21 21:08	106-46-7	
1,1-Dichloroethane	**53.4**	ug/L	1.0	0.088	1		06/23/21 21:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.13	1		06/23/21 21:08	107-06-2	
1,1-Dichloroethene	**8.9**	ug/L	1.0	0.090	1		06/23/21 21:08	75-35-4	
cis-1,2-Dichloroethene	**4.4**	ug/L	1.0	0.084	1		06/23/21 21:08	156-59-2	
trans-1,2-Dichloroethene	**1.4**	ug/L	1.0	0.12	1		06/23/21 21:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.16	1		06/23/21 21:08	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		06/23/21 21:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		06/23/21 21:08	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.087	1		06/23/21 21:08	100-41-4	
2-Hexanone	ND	ug/L	20.0	1.0	1		06/23/21 21:08	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.3	1		06/23/21 21:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	1.0	1		06/23/21 21:08	108-10-1	
Styrene	ND	ug/L	1.0	0.078	1		06/23/21 21:08	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/23/21 21:08	79-34-5	
Tetrachloroethene	**10.2**	ug/L	1.0	0.21	1		06/23/21 21:08	127-18-4	
Toluene	ND	ug/L	1.0	0.086	1		06/23/21 21:08	108-88-3	
1,1,1-Trichloroethane	**68.2**	ug/L	1.0	0.082	1		06/23/21 21:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.33	1		06/23/21 21:08	79-00-5	
Trichloroethene	**17.5**	ug/L	1.0	0.17	1		06/23/21 21:08	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.21	1		06/23/21 21:08	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.15	1		06/23/21 21:08	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%.	78-117		1		06/23/21 21:08	460-00-4	
Dibromofluoromethane (S)	99	%.	78-120		1		06/23/21 21:08	1868-53-7	
Toluene-d8 (S)	100	%.	77-118		1		06/23/21 21:08	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290436

Sample: MW133A **Lab ID: 50290436012** Collected: 06/17/21 10:52 Received: 06/18/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	4.5	1		06/23/21 21:40	67-64-1	
Benzene	ND	ug/L	1.0	0.10	1		06/23/21 21:40	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		06/23/21 21:40	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		06/23/21 21:40	75-27-4	
Bromoform	ND	ug/L	1.0	0.16	1		06/23/21 21:40	75-25-2	
Bromomethane	ND	ug/L	5.0	0.53	1		06/23/21 21:40	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.97	1		06/23/21 21:40	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.13	1		06/23/21 21:40	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.076	1		06/23/21 21:40	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		06/23/21 21:40	108-90-7	
Chloroethane	ND	ug/L	2.0	0.16	1		06/23/21 21:40	75-00-3	
Chloroform	ND	ug/L	1.0	0.096	1		06/23/21 21:40	67-66-3	
Chloromethane	ND	ug/L	2.0	0.24	1		06/23/21 21:40	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.87	1		06/23/21 21:40	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.19	1		06/23/21 21:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.13	1		06/23/21 21:40	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.10	1		06/23/21 21:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.14	1		06/23/21 21:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.16	1		06/23/21 21:40	106-46-7	
1,1-Dichloroethane	**4.7**	ug/L	1.0	0.088	1		06/23/21 21:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.13	1		06/23/21 21:40	107-06-2	
1,1-Dichloroethene	**0.78J**	ug/L	1.0	0.090	1		06/23/21 21:40	75-35-4	
cis-1,2-Dichloroethene	**1.3**	ug/L	1.0	0.084	1		06/23/21 21:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.12	1		06/23/21 21:40	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.16	1		06/23/21 21:40	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		06/23/21 21:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		06/23/21 21:40	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.087	1		06/23/21 21:40	100-41-4	
2-Hexanone	ND	ug/L	20.0	1.0	1		06/23/21 21:40	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.3	1		06/23/21 21:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	1.0	1		06/23/21 21:40	108-10-1	
Styrene	ND	ug/L	1.0	0.078	1		06/23/21 21:40	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/23/21 21:40	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.21	1		06/23/21 21:40	127-18-4	
Toluene	ND	ug/L	1.0	0.086	1		06/23/21 21:40	108-88-3	
1,1,1-Trichloroethane	**5.1**	ug/L	1.0	0.082	1		06/23/21 21:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.33	1		06/23/21 21:40	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.17	1		06/23/21 21:40	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.21	1		06/23/21 21:40	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.15	1		06/23/21 21:40	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105	%.	78-117		1		06/23/21 21:40	460-00-4	
Dibromofluoromethane (S)	96	%.	78-120		1		06/23/21 21:40	1868-53-7	
Toluene-d8 (S)	99	%.	77-118		1		06/23/21 21:40	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290436

Sample: MW133B **Lab ID: 50290436013** Collected: 06/17/21 11:20 Received: 06/18/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	4.5	1		06/23/21 22:13	67-64-1	
Benzene	ND	ug/L	1.0	0.10	1		06/23/21 22:13	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		06/23/21 22:13	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		06/23/21 22:13	75-27-4	
Bromoform	ND	ug/L	1.0	0.16	1		06/23/21 22:13	75-25-2	
Bromomethane	ND	ug/L	5.0	0.53	1		06/23/21 22:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.97	1		06/23/21 22:13	78-93-3	
Carbon disulfide	**0.15J**	ug/L	5.0	0.13	1		06/23/21 22:13	75-15-0	B
Carbon tetrachloride	ND	ug/L	1.0	0.076	1		06/23/21 22:13	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		06/23/21 22:13	108-90-7	
Chloroethane	ND	ug/L	2.0	0.16	1		06/23/21 22:13	75-00-3	
Chloroform	**1.2**	ug/L	1.0	0.096	1		06/23/21 22:13	67-66-3	
Chloromethane	ND	ug/L	2.0	0.24	1		06/23/21 22:13	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.87	1		06/23/21 22:13	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.19	1		06/23/21 22:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.13	1		06/23/21 22:13	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.10	1		06/23/21 22:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.14	1		06/23/21 22:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.16	1		06/23/21 22:13	106-46-7	
1,1-Dichloroethane	**70.9**	ug/L	1.0	0.088	1		06/23/21 22:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.13	1		06/23/21 22:13	107-06-2	
1,1-Dichloroethene	**23.4**	ug/L	1.0	0.090	1		06/23/21 22:13	75-35-4	
cis-1,2-Dichloroethene	**18.3**	ug/L	1.0	0.084	1		06/23/21 22:13	156-59-2	
trans-1,2-Dichloroethene	**2.9**	ug/L	1.0	0.12	1		06/23/21 22:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.16	1		06/23/21 22:13	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		06/23/21 22:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		06/23/21 22:13	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.087	1		06/23/21 22:13	100-41-4	
2-Hexanone	ND	ug/L	20.0	1.0	1		06/23/21 22:13	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.3	1		06/23/21 22:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	1.0	1		06/23/21 22:13	108-10-1	
Styrene	ND	ug/L	1.0	0.078	1		06/23/21 22:13	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/23/21 22:13	79-34-5	
Tetrachloroethene	**35.0**	ug/L	1.0	0.21	1		06/23/21 22:13	127-18-4	
Toluene	ND	ug/L	1.0	0.086	1		06/23/21 22:13	108-88-3	
1,1,1-Trichloroethane	**176**	ug/L	1.0	0.082	1		06/23/21 22:13	71-55-6	
1,1,2-Trichloroethane	**0.72J**	ug/L	1.0	0.33	1		06/23/21 22:13	79-00-5	
Trichloroethene	**16.9**	ug/L	1.0	0.17	1		06/23/21 22:13	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.21	1		06/23/21 22:13	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.15	1		06/23/21 22:13	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%.	78-117		1		06/23/21 22:13	460-00-4	
Dibromofluoromethane (S)	95	%.	78-120		1		06/23/21 22:13	1868-53-7	
Toluene-d8 (S)	100	%.	77-118		1		06/23/21 22:13	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290436

Sample: MW133C **Lab ID: 50290436014** Collected: 06/17/21 11:47 Received: 06/18/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	4.5	1		06/23/21 22:46	67-64-1	
Benzene	ND	ug/L	1.0	0.10	1		06/23/21 22:46	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		06/23/21 22:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		06/23/21 22:46	75-27-4	
Bromoform	ND	ug/L	1.0	0.16	1		06/23/21 22:46	75-25-2	
Bromomethane	ND	ug/L	5.0	0.53	1		06/23/21 22:46	74-83-9	R1
2-Butanone (MEK)	ND	ug/L	20.0	0.97	1		06/23/21 22:46	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.13	1		06/23/21 22:46	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.076	1		06/23/21 22:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.10	1		06/23/21 22:46	108-90-7	
Chloroethane	ND	ug/L	2.0	0.16	1		06/23/21 22:46	75-00-3	
Chloroform	**2.3**	ug/L	1.0	0.096	1		06/23/21 22:46	67-66-3	
Chloromethane	ND	ug/L	2.0	0.24	1		06/23/21 22:46	74-87-3	R1
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.87	1		06/23/21 22:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.19	1		06/23/21 22:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.13	1		06/23/21 22:46	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.10	1		06/23/21 22:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.14	1		06/23/21 22:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.16	1		06/23/21 22:46	106-46-7	
1,1-Dichloroethane	**34.7**	ug/L	1.0	0.088	1		06/23/21 22:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.13	1		06/23/21 22:46	107-06-2	
1,1-Dichloroethene	**26.3**	ug/L	1.0	0.090	1		06/23/21 22:46	75-35-4	
cis-1,2-Dichloroethene	**26.8**	ug/L	1.0	0.084	1		06/23/21 22:46	156-59-2	
trans-1,2-Dichloroethene	**1.2**	ug/L	1.0	0.12	1		06/23/21 22:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.16	1		06/23/21 22:46	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		06/23/21 22:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.20	1		06/23/21 22:46	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.087	1		06/23/21 22:46	100-41-4	
2-Hexanone	ND	ug/L	20.0	1.0	1		06/23/21 22:46	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.3	1		06/23/21 22:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	1.0	1		06/23/21 22:46	108-10-1	
Styrene	ND	ug/L	1.0	0.078	1		06/23/21 22:46	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/23/21 22:46	79-34-5	
Tetrachloroethene	**15.3**	ug/L	1.0	0.21	1		06/23/21 22:46	127-18-4	
Toluene	ND	ug/L	1.0	0.086	1		06/23/21 22:46	108-88-3	
1,1,1-Trichloroethane	**65.9**	ug/L	1.0	0.082	1		06/23/21 22:46	71-55-6	
1,1,2-Trichloroethane	**0.64J**	ug/L	1.0	0.33	1		06/23/21 22:46	79-00-5	
Trichloroethene	**39.6**	ug/L	1.0	0.17	1		06/23/21 22:46	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.21	1		06/23/21 22:46	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.15	1		06/23/21 22:46	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%.	78-117		1		06/23/21 22:46	460-00-4	
Dibromofluoromethane (S)	97	%.	78-120		1		06/23/21 22:46	1868-53-7	
Toluene-d8 (S)	99	%.	77-118		1		06/23/21 22:46	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290436

Sample: MW113A **Lab ID: 50290436015** Collected: 06/17/21 12:36 Received: 06/18/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	2.3	1		06/23/21 15:22	67-64-1	
Benzene	ND	ug/L	1.0	0.35	1		06/23/21 15:22	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.38	1		06/23/21 15:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.28	1		06/23/21 15:22	75-27-4	
Bromoform	ND	ug/L	1.0	0.36	1		06/23/21 15:22	75-25-2	
Bromomethane	ND	ug/L	5.0	0.67	1		06/23/21 15:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	1.4	1		06/23/21 15:22	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.48	1		06/23/21 15:22	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		06/23/21 15:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		06/23/21 15:22	108-90-7	
Chloroethane	ND	ug/L	2.0	0.49	1		06/23/21 15:22	75-00-3	
Chloroform	**0.60J**	ug/L	1.0	0.35	1		06/23/21 15:22	67-66-3	
Chloromethane	ND	ug/L	2.0	0.42	1		06/23/21 15:22	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.20	1		06/23/21 15:22	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.28	1		06/23/21 15:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.34	1		06/23/21 15:22	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		06/23/21 15:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.32	1		06/23/21 15:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.28	1		06/23/21 15:22	106-46-7	
1,1-Dichloroethane	**77.2**	ug/L	1.0	0.33	1		06/23/21 15:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.33	1		06/23/21 15:22	107-06-2	
1,1-Dichloroethene	**12.7**	ug/L	1.0	0.49	1		06/23/21 15:22	75-35-4	
cis-1,2-Dichloroethene	**5.9**	ug/L	1.0	0.29	1		06/23/21 15:22	156-59-2	
trans-1,2-Dichloroethene	**2.1**	ug/L	1.0	0.42	1		06/23/21 15:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		06/23/21 15:22	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.34	1		06/23/21 15:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		06/23/21 15:22	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.34	1		06/23/21 15:22	100-41-4	
2-Hexanone	ND	ug/L	20.0	1.7	1		06/23/21 15:22	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		06/23/21 15:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	1.7	1		06/23/21 15:22	108-10-1	
Styrene	ND	ug/L	1.0	0.23	1		06/23/21 15:22	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.32	1		06/23/21 15:22	79-34-5	
Tetrachloroethene	**12.2**	ug/L	1.0	0.46	1		06/23/21 15:22	127-18-4	
Toluene	ND	ug/L	1.0	0.38	1		06/23/21 15:22	108-88-3	
1,1,1-Trichloroethane	**63.1**	ug/L	1.0	0.46	1		06/23/21 15:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.30	1		06/23/21 15:22	79-00-5	
Trichloroethene	**21.5**	ug/L	1.0	0.35	1		06/23/21 15:22	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.24	1		06/23/21 15:22	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.39	1		06/23/21 15:22	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%.	78-117		1		06/23/21 15:22	460-00-4	
Dibromofluoromethane (S)	100	%.	78-120		1		06/23/21 15:22	1868-53-7	
Toluene-d8 (S)	95	%.	77-118		1		06/23/21 15:22	2037-26-5	

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5560 Corporate Exchange Ct. SE
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(616)975-4500

ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290436

Sample: MW113B **Lab ID: 50290436016** Collected: 06/17/21 13:09 Received: 06/18/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	2.3	1		06/23/21 15:55	67-64-1	
Benzene	ND	ug/L	1.0	0.35	1		06/23/21 15:55	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.38	1		06/23/21 15:55	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.28	1		06/23/21 15:55	75-27-4	
Bromoform	ND	ug/L	1.0	0.36	1		06/23/21 15:55	75-25-2	
Bromomethane	ND	ug/L	5.0	0.67	1		06/23/21 15:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	1.4	1		06/23/21 15:55	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.48	1		06/23/21 15:55	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		06/23/21 15:55	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		06/23/21 15:55	108-90-7	
Chloroethane	ND	ug/L	2.0	0.49	1		06/23/21 15:55	75-00-3	
Chloroform	ND	ug/L	1.0	0.35	1		06/23/21 15:55	67-66-3	
Chloromethane	ND	ug/L	2.0	0.42	1		06/23/21 15:55	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.20	1		06/23/21 15:55	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.28	1		06/23/21 15:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.34	1		06/23/21 15:55	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		06/23/21 15:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.32	1		06/23/21 15:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.28	1		06/23/21 15:55	106-46-7	
1,1-Dichloroethane	**57.0**	ug/L	1.0	0.33	1		06/23/21 15:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.33	1		06/23/21 15:55	107-06-2	
1,1-Dichloroethene	**11.3**	ug/L	1.0	0.49	1		06/23/21 15:55	75-35-4	
cis-1,2-Dichloroethene	**23.3**	ug/L	1.0	0.29	1		06/23/21 15:55	156-59-2	
trans-1,2-Dichloroethene	**1.3**	ug/L	1.0	0.42	1		06/23/21 15:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		06/23/21 15:55	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.34	1		06/23/21 15:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		06/23/21 15:55	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.34	1		06/23/21 15:55	100-41-4	
2-Hexanone	ND	ug/L	20.0	1.7	1		06/23/21 15:55	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		06/23/21 15:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	1.7	1		06/23/21 15:55	108-10-1	
Styrene	ND	ug/L	1.0	0.23	1		06/23/21 15:55	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.32	1		06/23/21 15:55	79-34-5	
Tetrachloroethene	**2.0**	ug/L	1.0	0.46	1		06/23/21 15:55	127-18-4	
Toluene	ND	ug/L	1.0	0.38	1		06/23/21 15:55	108-88-3	
1,1,1-Trichloroethane	**9.0**	ug/L	1.0	0.46	1		06/23/21 15:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.30	1		06/23/21 15:55	79-00-5	
Trichloroethene	**15.6**	ug/L	1.0	0.35	1		06/23/21 15:55	79-01-6	
Vinyl chloride	**5.1**	ug/L	1.0	0.24	1		06/23/21 15:55	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.39	1		06/23/21 15:55	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	106	%.	78-117		1		06/23/21 15:55	460-00-4	
Dibromofluoromethane (S)	96	%.	78-120		1		06/23/21 15:55	1868-53-7	
Toluene-d8 (S)	97	%.	77-118		1		06/23/21 15:55	2037-26-5	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50290436

QC Batch: 627737
QC Batch Method: EPA 5030B/8260
Analysis Method: EPA 5030B/8260
Analysis Description: 8260 MSV Low Level
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50290436001, 50290436003, 50290436004, 50290436005, 50290436006, 50290436007, 50290436008, 50290436009, 50290436011, 50290436012, 50290436013, 50290436014

METHOD BLANK: 2892183
Matrix: Water
Associated Lab Samples: 50290436001, 50290436003, 50290436004, 50290436005, 50290436006, 50290436007, 50290436008, 50290436009, 50290436011, 50290436012, 50290436013, 50290436014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	0.082	06/23/21 14:33	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.14	06/23/21 14:33	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.33	06/23/21 14:33	
1,1-Dichloroethane	ug/L	ND	1.0	0.088	06/23/21 14:33	
1,1-Dichloroethene	ug/L	ND	1.0	0.090	06/23/21 14:33	
1,2-Dibromo-3-chloropropane	ug/L	ND	10.0	0.87	06/23/21 14:33	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.13	06/23/21 14:33	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.10	06/23/21 14:33	
1,2-Dichloroethane	ug/L	ND	1.0	0.13	06/23/21 14:33	
1,2-Dichloropropane	ug/L	ND	1.0	0.16	06/23/21 14:33	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.14	06/23/21 14:33	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.16	06/23/21 14:33	
2-Butanone (MEK)	ug/L	ND	20.0	0.97	06/23/21 14:33	
2-Hexanone	ug/L	ND	20.0	1.0	06/23/21 14:33	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20.0	1.0	06/23/21 14:33	
Acetone	ug/L	ND	20.0	4.5	06/23/21 14:33	
Benzene	ug/L	ND	1.0	0.10	06/23/21 14:33	
Bromochloromethane	ug/L	ND	1.0	0.14	06/23/21 14:33	
Bromodichloromethane	ug/L	ND	1.0	0.16	06/23/21 14:33	
Bromoform	ug/L	ND	1.0	0.16	06/23/21 14:33	
Bromomethane	ug/L	ND	5.0	0.53	06/23/21 14:33	
Carbon disulfide	ug/L	0.23J	5.0	0.13	06/23/21 14:33	
Carbon tetrachloride	ug/L	ND	1.0	0.076	06/23/21 14:33	
Chlorobenzene	ug/L	ND	1.0	0.10	06/23/21 14:33	
Chloroethane	ug/L	ND	2.0	0.16	06/23/21 14:33	
Chloroform	ug/L	ND	1.0	0.096	06/23/21 14:33	
Chloromethane	ug/L	ND	2.0	0.24	06/23/21 14:33	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.084	06/23/21 14:33	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.18	06/23/21 14:33	
Dibromochloromethane	ug/L	ND	1.0	0.19	06/23/21 14:33	
Ethylbenzene	ug/L	ND	1.0	0.087	06/23/21 14:33	
Methylene Chloride	ug/L	ND	5.0	1.3	06/23/21 14:33	
Styrene	ug/L	ND	1.0	0.078	06/23/21 14:33	
Tetrachloroethene	ug/L	ND	1.0	0.21	06/23/21 14:33	
Toluene	ug/L	ND	1.0	0.086	06/23/21 14:33	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.12	06/23/21 14:33	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.20	06/23/21 14:33	
Trichloroethene	ug/L	ND	1.0	0.17	06/23/21 14:33	
Vinyl chloride	ug/L	ND	1.0	0.21	06/23/21 14:33	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50290436

METHOD BLANK: 2892183 Matrix: Water

Associated Lab Samples: 50290436001, 50290436003, 50290436004, 50290436005, 50290436006, 50290436007, 50290436008, 50290436009, 50290436011, 50290436012, 50290436013, 50290436014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Xylene (Total)	ug/L	ND	3.0	0.15	06/23/21 14:33	
4-Bromofluorobenzene (S)	%.	104	78-117		06/23/21 14:33	
Dibromofluoromethane (S)	%.	95	78-120		06/23/21 14:33	
Toluene-d8 (S)	%.	99	77-118		06/23/21 14:33	

LABORATORY CONTROL SAMPLE: 2892184

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	42.3	85	73-132	
1,1,2,2-Tetrachloroethane	ug/L	50	42.5	85	65-131	
1,1,2-Trichloroethane	ug/L	50	44.2	88	74-127	
1,1-Dichloroethane	ug/L	50	45.2	90	73-133	
1,1-Dichloroethene	ug/L	50	41.3	83	67-136	
1,2-Dibromo-3-chloropropane	ug/L	50	38.2	76	71-133	
1,2-Dibromoethane (EDB)	ug/L	50	44.5	89	76-126	
1,2-Dichlorobenzene	ug/L	50	41.9	84	75-114	
1,2-Dichloroethane	ug/L	50	46.2	92	69-135	
1,2-Dichloropropane	ug/L	50	47.9	96	78-134	
1,3-Dichlorobenzene	ug/L	50	40.7	81	70-119	
1,4-Dichlorobenzene	ug/L	50	40.7	81	69-117	
2-Butanone (MEK)	ug/L	250	227	91	56-164	
2-Hexanone	ug/L	250	279	112	63-137	
4-Methyl-2-pentanone (MIBK)	ug/L	250	252	101	64-134	
Acetone	ug/L	250	267	107	46-140	
Benzene	ug/L	50	43.5	87	77-128	
Bromochloromethane	ug/L	50	43.2	86	71-124	
Bromodichloromethane	ug/L	50	43.7	87	70-124	
Bromoform	ug/L	50	38.6	77	65-116	
Bromomethane	ug/L	50	33.9	68	10-200	
Carbon disulfide	ug/L	50	42.3	85	70-131	
Carbon tetrachloride	ug/L	50	43.8	88	61-139	
Chlorobenzene	ug/L	50	43.2	86	76-124	
Chloroethane	ug/L	50	36.3	73	56-142	
Chloroform	ug/L	50	44.0	88	77-120	
Chloromethane	ug/L	50	32.9	66	29-141	
cis-1,2-Dichloroethene	ug/L	50	40.1	80	72-127	
cis-1,3-Dichloropropene	ug/L	50	44.7	89	71-131	
Dibromochloromethane	ug/L	50	41.8	84	69-132	
Ethylbenzene	ug/L	50	42.6	85	76-119	
Methylene Chloride	ug/L	50	47.1	94	72-129	
Styrene	ug/L	50	43.2	86	66-123	
Tetrachloroethene	ug/L	50	50.0	100	70-124	
Toluene	ug/L	50	42.4	85	72-117	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50290436

LABORATORY CONTROL SAMPLE: 2892184

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	50	41.3	83	75-133	
trans-1,3-Dichloropropene	ug/L	50	45.8	92	75-111	
Trichloroethene	ug/L	50	42.7	85	75-130	
Vinyl chloride	ug/L	50	37.3	75	51-140	
Xylene (Total)	ug/L	150	127	85	73-117	
4-Bromofluorobenzene (S)	%.			111	78-117	
Dibromofluoromethane (S)	%.			100	78-120	
Toluene-d8 (S)	%.			100	77-118	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2892185 2892186

Parameter	Units	50290436014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	65.9	50	50	115	118	97	105	53-161	3	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	43.6	51.1	87	102	58-134	16	20	
1,1,2-Trichloroethane	ug/L	0.64J	50	50	45.5	53.7	90	106	60-141	17	20	
1,1-Dichloroethane	ug/L	34.7	50	50	83.8	93.6	98	118	67-140	11	20	
1,1-Dichloroethene	ug/L	26.3	50	50	72.9	78.4	93	104	59-154	7	20	
1,2-Dibromo-3-chloropropane	ug/L	ND	50	50	37.0	43.5	74	87	56-137	16	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	44.8	53.4	90	107	54-144	17	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	42.5	48.1	85	96	17-145	12	20	
1,2-Dichloroethane	ug/L	ND	50	50	47.7	55.8	95	112	66-130	16	20	
1,2-Dichloropropane	ug/L	ND	50	50	51.6	59.7	103	119	65-136	14	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	41.6	47.4	83	95	10-146	13	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	40.6	46.4	81	93	17-141	13	20	
2-Butanone (MEK)	ug/L	ND	250	250	234	269	94	108	49-173	14	20	
2-Hexanone	ug/L	ND	250	250	273	328	109	131	57-142	18	20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	248	299	99	119	59-139	19	20	
Acetone	ug/L	ND	250	250	280	305	112	122	44-171	9	20	
Benzene	ug/L	ND	50	50	47.5	53.4	95	107	69-128	12	20	
Bromochloromethane	ug/L	ND	50	50	48.7	54.3	97	109	58-138	11	20	
Bromodichloromethane	ug/L	ND	50	50	47.5	53.6	95	107	51-138	12	20	
Bromoform	ug/L	ND	50	50	38.8	46.2	78	92	43-130	17	20	
Bromomethane	ug/L	ND	50	50	26.9	38.0	54	76	10-195	34	20	R1
Carbon disulfide	ug/L	ND	50	50	48.1	54.1	96	108	37-149	12	20	
Carbon tetrachloride	ug/L	ND	50	50	49.2	54.9	98	110	39-155	11	20	
Chlorobenzene	ug/L	ND	50	50	44.8	51.8	90	104	28-147	14	20	
Chloroethane	ug/L	ND	50	50	41.6	45.5	83	91	58-158	9	20	
Chloroform	ug/L	2.3	50	50	51.4	58.2	98	112	54-141	12	20	
Chloromethane	ug/L	ND	50	50	34.5	44.0	69	88	41-145	24	20	R1
cis-1,2-Dichloroethene	ug/L	26.8	50	50	71.9	77.7	90	102	45-150	8	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	43.3	51.5	87	103	42-139	17	20	
Dibromochloromethane	ug/L	ND	50	50	43.6	51.0	87	102	48-139	16	20	
Ethylbenzene	ug/L	ND	50	50	46.0	52.0	92	104	36-144	12	20	

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(616)975-4500

QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50290436

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2892185 2892186

Parameter	Units	50290436014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methylene Chloride	ug/L	ND	50	50	47.3	54.2	95	108	58-136	14	20	
Styrene	ug/L	ND	50	50	44.4	51.3	89	103	19-143	14	20	
Tetrachloroethene	ug/L	15.3	50	50	61.9	69.2	93	108	26-148	11	20	
Toluene	ug/L	ND	50	50	45.3	52.9	91	106	46-134	16	20	
trans-1,2-Dichloroethene	ug/L	1.2	50	50	48.0	53.2	94	104	43-155	10	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	44.3	54.0	89	108	39-132	20	20	
Trichloroethene	ug/L	39.6	50	50	87.9	90.7	97	102	35-151	3	20	
Vinyl chloride	ug/L	ND	50	50	42.5	48.1	85	96	59-146	13	20	
Xylene (Total)	ug/L	ND	150	150	133	153	89	102	32-140	14	20	
4-Bromofluorobenzene (S)	%.						108	109	78-117			
Dibromofluoromethane (S)	%.						98	100	78-120			
Toluene-d8 (S)	%.						99	101	77-118			

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50290436

QC Batch: 627740
QC Batch Method: EPA 5030B/8260
Analysis Method: EPA 5030B/8260
Analysis Description: 8260 MSV Low Level
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50290436015, 50290436016

METHOD BLANK: 2892190
Matrix: Water
Associated Lab Samples: 50290436015, 50290436016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	0.46	06/23/21 14:49	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.32	06/23/21 14:49	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.30	06/23/21 14:49	
1,1-Dichloroethane	ug/L	ND	1.0	0.33	06/23/21 14:49	
1,1-Dichloroethene	ug/L	ND	1.0	0.49	06/23/21 14:49	
1,2-Dibromo-3-chloropropane	ug/L	ND	10.0	0.20	06/23/21 14:49	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.34	06/23/21 14:49	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.28	06/23/21 14:49	
1,2-Dichloroethane	ug/L	ND	1.0	0.33	06/23/21 14:49	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	06/23/21 14:49	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.32	06/23/21 14:49	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.28	06/23/21 14:49	
2-Butanone (MEK)	ug/L	ND	20.0	1.4	06/23/21 14:49	
2-Hexanone	ug/L	ND	20.0	1.7	06/23/21 14:49	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20.0	1.7	06/23/21 14:49	
Acetone	ug/L	ND	20.0	2.3	06/23/21 14:49	
Benzene	ug/L	ND	1.0	0.35	06/23/21 14:49	
Bromochloromethane	ug/L	ND	1.0	0.38	06/23/21 14:49	
Bromodichloromethane	ug/L	ND	1.0	0.28	06/23/21 14:49	
Bromoform	ug/L	ND	1.0	0.36	06/23/21 14:49	
Bromomethane	ug/L	ND	5.0	0.67	06/23/21 14:49	
Carbon disulfide	ug/L	ND	5.0	0.48	06/23/21 14:49	
Carbon tetrachloride	ug/L	ND	1.0	0.49	06/23/21 14:49	
Chlorobenzene	ug/L	ND	1.0	0.28	06/23/21 14:49	
Chloroethane	ug/L	ND	2.0	0.49	06/23/21 14:49	
Chloroform	ug/L	ND	1.0	0.35	06/23/21 14:49	
Chloromethane	ug/L	ND	2.0	0.42	06/23/21 14:49	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.29	06/23/21 14:49	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.34	06/23/21 14:49	
Dibromochloromethane	ug/L	ND	1.0	0.28	06/23/21 14:49	
Ethylbenzene	ug/L	ND	1.0	0.34	06/23/21 14:49	
Methylene Chloride	ug/L	ND	5.0	1.6	06/23/21 14:49	
Styrene	ug/L	ND	1.0	0.23	06/23/21 14:49	
Tetrachloroethene	ug/L	ND	1.0	0.46	06/23/21 14:49	
Toluene	ug/L	ND	1.0	0.38	06/23/21 14:49	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.42	06/23/21 14:49	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	06/23/21 14:49	
Trichloroethene	ug/L	ND	1.0	0.35	06/23/21 14:49	
Vinyl chloride	ug/L	ND	1.0	0.24	06/23/21 14:49	
Xylene (Total)	ug/L	ND	3.0	0.39	06/23/21 14:49	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50290436

METHOD BLANK: 2892190 Matrix: Water
Associated Lab Samples: 50290436015, 50290436016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
4-Bromofluorobenzene (S)	%.	107	78-117		06/23/21 14:49	
Dibromofluoromethane (S)	%.	96	78-120		06/23/21 14:49	
Toluene-d8 (S)	%.	99	77-118		06/23/21 14:49	

LABORATORY CONTROL SAMPLE: 2892191

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	44.8	90	73-132	
1,1,2,2-Tetrachloroethane	ug/L	50	44.1	88	65-131	
1,1,2-Trichloroethane	ug/L	50	42.9	86	74-127	
1,1-Dichloroethane	ug/L	50	48.3	97	73-133	
1,1-Dichloroethene	ug/L	50	49.5	99	67-136	
1,2-Dibromo-3-chloropropane	ug/L	50	37.7	75	71-133	
1,2-Dibromoethane (EDB)	ug/L	50	44.4	89	76-126	
1,2-Dichlorobenzene	ug/L	50	42.6	85	75-114	
1,2-Dichloroethane	ug/L	50	47.9	96	69-135	
1,2-Dichloropropane	ug/L	50	49.4	99	78-134	
1,3-Dichlorobenzene	ug/L	50	43.5	87	70-119	
1,4-Dichlorobenzene	ug/L	50	42.4	85	69-117	
2-Butanone (MEK)	ug/L	250	229	92	56-164	
2-Hexanone	ug/L	250	268	107	63-137	
4-Methyl-2-pentanone (MIBK)	ug/L	250	245	98	64-134	
Acetone	ug/L	250	258	103	46-140	
Benzene	ug/L	50	46.1	92	77-128	
Bromochloromethane	ug/L	50	48.2	96	71-124	
Bromodichloromethane	ug/L	50	46.9	94	70-124	
Bromoform	ug/L	50	40.6	81	65-116	
Bromomethane	ug/L	50	43.1	86	10-200	
Carbon disulfide	ug/L	50	47.4	95	70-131	
Carbon tetrachloride	ug/L	50	44.6	89	61-139	
Chlorobenzene	ug/L	50	45.8	92	76-124	
Chloroethane	ug/L	50	38.9	78	56-142	
Chloroform	ug/L	50	42.6	85	77-120	
Chloromethane	ug/L	50	31.5	63	29-141	
cis-1,2-Dichloroethene	ug/L	50	42.8	86	72-127	
cis-1,3-Dichloropropene	ug/L	50	46.9	94	71-131	
Dibromochloromethane	ug/L	50	42.3	85	69-132	
Ethylbenzene	ug/L	50	45.9	92	76-119	
Methylene Chloride	ug/L	50	48.6	97	72-129	
Styrene	ug/L	50	46.6	93	66-123	
Tetrachloroethene	ug/L	50	48.1	96	70-124	
Toluene	ug/L	50	45.4	91	72-117	
trans-1,2-Dichloroethene	ug/L	50	44.1	88	75-133	
trans-1,3-Dichloropropene	ug/L	50	47.8	96	75-111	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50290436

LABORATORY CONTROL SAMPLE: 2892191

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichloroethene	ug/L	50	45.9	92	75-130	
Vinyl chloride	ug/L	50	42.7	85	51-140	
Xylene (Total)	ug/L	150	135	90	73-117	
4-Bromofluorobenzene (S)	%.			111	78-117	
Dibromofluoromethane (S)	%.			95	78-120	
Toluene-d8 (S)	%.			97	77-118	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2892192 2892193

Parameter	Units	50290292002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.46	50	50	50.9	53.5	102	107	53-161	5	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.32	50	50	43.7	48.7	87	97	58-134	11	20	
1,1,2-Trichloroethane	ug/L	<0.30	50	50	44.2	48.9	88	98	60-141	10	20	
1,1-Dichloroethane	ug/L	<0.33	50	50	52.4	56.9	105	114	67-140	8	20	
1,1-Dichloroethene	ug/L	<0.49	50	50	52.9	55.6	106	111	59-154	5	20	
1,2-Dibromo-3-chloropropane	ug/L	<0.20	50	50	35.7	39.9	71	80	56-137	11	20	
1,2-Dibromoethane (EDB)	ug/L	<0.34	50	50	44.4	50.4	89	101	54-144	13	20	
1,2-Dichlorobenzene	ug/L	<0.28	50	50	43.8	46.0	88	92	17-145	5	20	
1,2-Dichloroethane	ug/L	<0.33	50	50	50.8	53.8	102	108	66-130	6	20	
1,2-Dichloropropane	ug/L	<0.36	50	50	51.3	57.7	103	115	65-136	12	20	
1,3-Dichlorobenzene	ug/L	<0.32	50	50	44.1	47.5	88	95	10-146	7	20	
1,4-Dichlorobenzene	ug/L	<0.28	50	50	43.3	46.0	87	92	17-141	6	20	
2-Butanone (MEK)	ug/L	<1.4	250	250	213	250	85	100	49-173	16	20	
2-Hexanone	ug/L	<1.7	250	250	256	298	102	119	57-142	15	20	
4-Methyl-2-pentanone (MIBK)	ug/L	<1.7	250	250	243	282	97	113	59-139	15	20	
Acetone	ug/L	<2.3	250	250	213	265	84	105	44-171	22	20	R1
Benzene	ug/L	<0.35	50	50	50.5	53.7	101	107	69-128	6	20	
Bromochloromethane	ug/L	<0.38	50	50	50.5	53.2	101	106	58-138	5	20	
Bromodichloromethane	ug/L	<0.28	50	50	48.9	52.1	98	104	51-138	6	20	
Bromoform	ug/L	<0.36	50	50	40.6	43.3	81	87	43-130	6	20	
Bromomethane	ug/L	<0.67	50	50	46.5	48.4	93	97	10-195	4	20	
Carbon disulfide	ug/L	<0.48	50	50	51.2	53.2	102	106	37-149	4	20	
Carbon tetrachloride	ug/L	<0.49	50	50	49.3	53.9	99	108	39-155	9	20	
Chlorobenzene	ug/L	<0.28	50	50	48.1	52.1	96	104	28-147	8	20	
Chloroethane	ug/L	<0.49	50	50	45.4	46.2	91	92	58-158	2	20	
Chloroform	ug/L	<0.35	50	50	46.3	49.6	93	99	54-141	7	20	
Chloromethane	ug/L	<0.42	50	50	34.4	35.8	69	72	41-145	4	20	
cis-1,2-Dichloroethene	ug/L	<0.29	50	50	46.0	50.6	92	101	45-150	10	20	
cis-1,3-Dichloropropene	ug/L	<0.34	50	50	47.5	51.8	95	104	42-139	9	20	
Dibromochloromethane	ug/L	<0.28	50	50	44.6	50.1	89	100	48-139	12	20	
Ethylbenzene	ug/L	<0.34	50	50	48.9	53.4	98	107	36-144	9	20	
Methylene Chloride	ug/L	<1.6	50	50	48.1	51.1	96	102	58-136	6	20	
Styrene	ug/L	<0.23	50	50	48.0	52.3	96	105	19-143	9	20	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50290436

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2892192 2892193

Parameter	Units	50290292002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Tetrachloroethene	ug/L	<0.46	50	50	50.4	55.4	101	111	26-148	9	20	
Toluene	ug/L	<0.38	50	50	49.4	54.1	99	108	46-134	9	20	
trans-1,2-Dichloroethene	ug/L	<0.42	50	50	48.9	51.0	98	102	43-155	4	20	
trans-1,3-Dichloropropene	ug/L	<0.36	50	50	49.2	53.8	98	108	39-132	9	20	
Trichloroethene	ug/L	<0.35	50	50	49.2	52.9	98	106	35-151	7	20	
Vinyl chloride	ug/L	<0.24	50	50	48.6	48.4	97	97	59-146	0	20	
Xylene (Total)	ug/L	<0.39	150	150	143	155	95	104	32-140	8	20	
4-Bromofluorobenzene (S)	%.						112	113	78-117			
Dibromofluoromethane (S)	%.						98	98	78-120			
Toluene-d8 (S)	%.						101	101	77-118			

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50290436

QC Batch: 628222
QC Batch Method: EPA 5030B/8260
Analysis Method: EPA 5030B/8260
Analysis Description: 8260 MSV Low Level
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50290436002, 50290436010

METHOD BLANK: 2895052
Matrix: Water
Associated Lab Samples: 50290436002, 50290436010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	0.082	06/26/21 02:26	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.14	06/26/21 02:26	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.33	06/26/21 02:26	
1,1-Dichloroethane	ug/L	ND	1.0	0.088	06/26/21 02:26	
1,1-Dichloroethene	ug/L	ND	1.0	0.090	06/26/21 02:26	
1,2-Dibromo-3-chloropropane	ug/L	ND	10.0	0.87	06/26/21 02:26	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.13	06/26/21 02:26	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.10	06/26/21 02:26	
1,2-Dichloroethane	ug/L	ND	1.0	0.13	06/26/21 02:26	
1,2-Dichloropropane	ug/L	ND	1.0	0.16	06/26/21 02:26	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.14	06/26/21 02:26	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.16	06/26/21 02:26	
2-Butanone (MEK)	ug/L	ND	20.0	0.97	06/26/21 02:26	
2-Hexanone	ug/L	ND	20.0	1.0	06/26/21 02:26	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20.0	1.0	06/26/21 02:26	
Acetone	ug/L	ND	20.0	4.5	06/26/21 02:26	
Benzene	ug/L	ND	1.0	0.10	06/26/21 02:26	
Bromochloromethane	ug/L	ND	1.0	0.14	06/26/21 02:26	
Bromodichloromethane	ug/L	ND	1.0	0.16	06/26/21 02:26	
Bromoform	ug/L	ND	1.0	0.16	06/26/21 02:26	
Bromomethane	ug/L	ND	5.0	0.53	06/26/21 02:26	
Carbon disulfide	ug/L	0.52J	5.0	0.13	06/26/21 02:26	
Carbon tetrachloride	ug/L	ND	1.0	0.076	06/26/21 02:26	
Chlorobenzene	ug/L	ND	1.0	0.10	06/26/21 02:26	
Chloroethane	ug/L	ND	2.0	0.16	06/26/21 02:26	
Chloroform	ug/L	ND	1.0	0.096	06/26/21 02:26	
Chloromethane	ug/L	ND	2.0	0.24	06/26/21 02:26	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.084	06/26/21 02:26	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.18	06/26/21 02:26	
Dibromochloromethane	ug/L	ND	1.0	0.19	06/26/21 02:26	
Ethylbenzene	ug/L	ND	1.0	0.087	06/26/21 02:26	
Methylene Chloride	ug/L	ND	5.0	1.3	06/26/21 02:26	
Styrene	ug/L	ND	1.0	0.078	06/26/21 02:26	
Tetrachloroethene	ug/L	ND	1.0	0.21	06/26/21 02:26	
Toluene	ug/L	ND	1.0	0.086	06/26/21 02:26	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.12	06/26/21 02:26	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.20	06/26/21 02:26	
Trichloroethene	ug/L	ND	1.0	0.17	06/26/21 02:26	
Vinyl chloride	ug/L	ND	1.0	0.21	06/26/21 02:26	
Xylene (Total)	ug/L	ND	3.0	0.15	06/26/21 02:26	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50290436

METHOD BLANK: 2895052 Matrix: Water
Associated Lab Samples: 50290436002, 50290436010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
4-Bromofluorobenzene (S)	%.	105	78-117		06/26/21 02:26	
Dibromofluoromethane (S)	%.	98	78-120		06/26/21 02:26	
Toluene-d8 (S)	%.	102	77-118		06/26/21 02:26	

LABORATORY CONTROL SAMPLE: 2895053

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	48.2	96	73-132	
1,1,2,2-Tetrachloroethane	ug/L	50	47.3	95	65-131	
1,1,2-Trichloroethane	ug/L	50	46.9	94	74-127	
1,1-Dichloroethane	ug/L	50	50.2	100	73-133	
1,1-Dichloroethene	ug/L	50	45.9	92	67-136	
1,2-Dibromo-3-chloropropane	ug/L	50	39.2	78	71-133	
1,2-Dibromoethane (EDB)	ug/L	50	47.0	94	76-126	
1,2-Dichlorobenzene	ug/L	50	46.2	92	75-114	
1,2-Dichloroethane	ug/L	50	48.8	98	69-135	
1,2-Dichloropropane	ug/L	50	52.1	104	78-134	
1,3-Dichlorobenzene	ug/L	50	45.6	91	70-119	
1,4-Dichlorobenzene	ug/L	50	44.8	90	69-117	
2-Butanone (MEK)	ug/L	250	243	97	56-164	
2-Hexanone	ug/L	250	286	114	63-137	
4-Methyl-2-pentanone (MIBK)	ug/L	250	275	110	64-134	
Acetone	ug/L	250	265	106	46-140	
Benzene	ug/L	50	48.8	98	77-128	
Bromochloromethane	ug/L	50	46.9	94	71-124	
Bromodichloromethane	ug/L	50	48.6	97	70-124	
Bromoform	ug/L	50	41.4	83	65-116	
Bromomethane	ug/L	50	39.7	79	10-200	
Carbon disulfide	ug/L	50	46.9	94	70-131	
Carbon tetrachloride	ug/L	50	47.8	96	61-139	
Chlorobenzene	ug/L	50	47.1	94	76-124	
Chloroethane	ug/L	50	42.1	84	56-142	
Chloroform	ug/L	50	48.8	98	77-120	
Chloromethane	ug/L	50	27.8	56	29-141	
cis-1,2-Dichloroethene	ug/L	50	45.0	90	72-127	
cis-1,3-Dichloropropene	ug/L	50	46.4	93	71-131	
Dibromochloromethane	ug/L	50	45.1	90	69-132	
Ethylbenzene	ug/L	50	47.8	96	76-119	
Methylene Chloride	ug/L	50	53.5	107	72-129	
Styrene	ug/L	50	47.6	95	66-123	
Tetrachloroethene	ug/L	50	50.5	101	70-124	
Toluene	ug/L	50	47.8	96	72-117	
trans-1,2-Dichloroethene	ug/L	50	47.0	94	75-133	
trans-1,3-Dichloropropene	ug/L	50	48.4	97	75-111	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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5560 Corporate Exchange Ct. SE
Grand Rapids, MI 49512
(616)975-4500

QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50290436

LABORATORY CONTROL SAMPLE: 2895053

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichloroethene	ug/L	50	46.6	93	75-130	
Vinyl chloride	ug/L	50	42.5	85	51-140	
Xylene (Total)	ug/L	150	143	95	73-117	
4-Bromofluorobenzene (S)	%.			108	78-117	
Dibromofluoromethane (S)	%.			101	78-120	
Toluene-d8 (S)	%.			102	77-118	

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QUALIFIERS

Project: SE Rockford, IL Site
Pace Project No.: 50290436

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
R1	RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SE Rockford, IL Site
Pace Project No.: 50290436

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50290436001	**MW101A**	EPA 5030B/8260	627737		
50290436002	**MW101B**	EPA 5030B/8260	628222		
50290436003	**MW101D**	EPA 5030B/8260	627737		
50290436004	**MW101C**	EPA 5030B/8260	627737		
50290436005	**MW102A**	EPA 5030B/8260	627737		
50290436006	**MW102B**	EPA 5030B/8260	627737		
50290436007	**MW102C**	EPA 5030B/8260	627737		
50290436008	**MW114A**	EPA 5030B/8260	627737		
50290436009	**MW114B**	EPA 5030B/8260	627737		
50290436010	**FD-2**	EPA 5030B/8260	628222		
50290436011	**MW16**	EPA 5030B/8260	627737		
50290436012	**MW133A**	EPA 5030B/8260	627737		
50290436013	**MW133B**	EPA 5030B/8260	627737		
50290436014	**MW133C**	EPA 5030B/8260	627737		
50290436015	**MW113A**	EPA 5030B/8260	627740		
50290436016	**MW113B**	EPA 5030B/8260	627740		

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Pace Analytical	Project:	SE Rockford, IL Site
5560 Corporate Exchange Ct. SE	Project Number:	50290436
Grand Rapids MI, 49512	Project Manager:	Melanie Booms

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW101A (50290436001)	A212509-01	Water	06/16/2021	06/22/2021
MW101B (50290436002)	A212509-02	Water	06/16/2021	06/22/2021
MW101D (50290436003)	A212509-03	Water	06/16/2021	06/22/2021
MW101C (50290436004)	A212509-04	Water	06/16/2021	06/22/2021
MW102A (50290436005)	A212509-05	Water	06/16/2021	06/22/2021
MW102B (50290436006)	A212509-06	Water	06/16/2021	06/22/2021
MW102C (50290436007)	A212509-07	Water	06/16/2021	06/22/2021
MW114A (50290436008)	A212509-08	Water	06/16/2021	06/22/2021
MW114B (50290436009)	A212509-09	Water	06/16/2021	06/22/2021
FD-2 (50290436010)	A212509-10	Water	06/16/2021	06/22/2021
MW16 (50290436011)	A212509-11	Water	06/16/2021	06/22/2021
MW133A (50290436012)	A212509-12	Water	06/17/2021	06/22/2021
MW133B (50290436013)	A212509-13	Water	06/17/2021	06/22/2021
MW133C (50290436014)	A212509-14	Water	06/17/2021	06/22/2021
MW113A (50290436015)	A212509-15	Water	06/17/2021	06/22/2021
MW113B (50290436016)	A212509-16	Water	06/17/2021	06/22/2021

CASE NARRATIVE

Sample Receipt Information:
16 samples were received on 06/22/2021. Samples were received in acceptable condition.

Please see the chain of custody (COC) document at the end of this report for additional information.

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Pace Analytical	Project:	SE Rockford, IL Site
5560 Corporate Exchange Ct. SE	Project Number:	50290436
Grand Rapids MI, 49512	Project Manager:	Melanie Booms

MW101A (50290436001)

A212509-01 (Water)

Date Sampled
06/16/2021 10:48

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Pace Analytical - Madison									
1,4-Dioxane by SPME GC/MS						**Preparation Batch: A106170**			
1,4-Dioxane	**26**	0.057	0.50	ug/L	1	06/22/2021	06/22/2021 15:39	EPA 8260B	
Surrogate: 1,3-Dioxane			*93.6 %*	*72.7-123*		*06/22/2021*	*06/22/2021 15:39*	*EPA 8260B*	

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Pace Analytical	Project:	SE Rockford, IL Site
5560 Corporate Exchange Ct. SE	Project Number:	50290436
Grand Rapids MI, 49512	Project Manager:	Melanie Booms

MW101B (50290436002)

A212509-02 (Water)

Date Sampled
06/16/2021 11:29

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Pace Analytical - Madison									
1,4-Dioxane by SPME GC/MS						**Preparation Batch: A106170**			
1,4-Dioxane	**27**	0.057	0.50	ug/L	1	06/22/2021	06/22/2021 16:00	EPA 8260B	
Surrogate: 1,3-Dioxane			*91.1 %*	*72.7-123*		*06/22/2021*	*06/22/2021 16:00*	*EPA 8260B*	

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Pace Analytical	Project:	SE Rockford, IL Site
5560 Corporate Exchange Ct. SE	Project Number:	50290436
Grand Rapids MI, 49512	Project Manager:	Melanie Booms

MW101D (50290436003)

A212509-03 (Water)

Date Sampled
06/16/2021 12:08

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Pace Analytical - Madison									
1,4-Dioxane by SPME GC/MS						**Preparation Batch: A106170**			
1,4-Dioxane	**2.0**	0.057	0.50	ug/L	1	06/22/2021	06/22/2021 16:21	EPA 8260B	
Surrogate: 1,3-Dioxane			*92.9 %*	*72.7-123*		*06/22/2021*	*06/22/2021 16:21*	*EPA 8260B*	

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Pace Analytical	Project:	SE Rockford, IL Site
5560 Corporate Exchange Ct. SE	Project Number:	50290436
Grand Rapids MI, 49512	Project Manager:	Melanie Booms

MW101C (50290436004)

A212509-04 (Water)

Date Sampled
06/16/2021 12:59

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Pace Analytical - Madison									
1,4-Dioxane by SPME GC/MS						**Preparation Batch: A106170**			
1,4-Dioxane	**22**	0.057	0.50	ug/L	1	06/22/2021	06/22/2021 16:42	EPA 8260B	
Surrogate: 1,3-Dioxane			*87.9 %*	*72.7-123*		*06/22/2021*	*06/22/2021 16:42*	*EPA 8260B*	

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Pace Analytical	Project:	SE Rockford, IL Site
5560 Corporate Exchange Ct. SE	Project Number:	50290436
Grand Rapids MI, 49512	Project Manager:	Melanie Booms

MW102A (50290436005)

A212509-05 (Water)

Date Sampled
06/16/2021 13:50

Pace Analytical - Madison

1,4-Dioxane by SPME GC/MS — **Preparation Batch: A106170**

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
1,4-Dioxane	**18**	0.057	0.50	ug/L	1	06/22/2021	06/22/2021 17:03	EPA 8260B	
Surrogate: 1,3-Dioxane			*88.7 %*	*72.7-123*		*06/22/2021*	*06/22/2021 17:03*	*EPA 8260B*	

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Pace Analytical	Project:	SE Rockford, IL Site
5560 Corporate Exchange Ct. SE	Project Number:	50290436
Grand Rapids MI, 49512	Project Manager:	Melanie Booms

MW102B (50290436006)

A212509-06 (Water)

Date Sampled
06/16/2021 14:28

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Pace Analytical - Madison									
1,4-Dioxane by SPME GC/MS						**Preparation Batch: A106170**			
1,4-Dioxane	**170**	0.057	0.50	ug/L	1	06/22/2021	06/22/2021 17:24	EPA 8260B	
Surrogate: 1,3-Dioxane			*91.8 %*	*72.7-123*		*06/22/2021*	*06/22/2021 17:24*	*EPA 8260B*	

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Pace Analytical	Project:	SE Rockford, IL Site
5560 Corporate Exchange Ct. SE	Project Number:	50290436
Grand Rapids MI, 49512	Project Manager:	Melanie Booms

MW102C (50290436007)

A212509-07 (Water)

Date Sampled
06/16/2021 15:14

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Pace Analytical - Madison									
1,4-Dioxane by SPME GC/MS						**Preparation Batch: A106170**			
1,4-Dioxane	**30**	0.057	0.50	ug/L	1	06/22/2021	06/22/2021 17:45	EPA 8260B	
Surrogate: 1,3-Dioxane			*85.2 %*	*72.7-123*		*06/22/2021*	*06/22/2021 17:45*	*EPA 8260B*	

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Pace Analytical	Project:	SE Rockford, IL Site
5560 Corporate Exchange Ct. SE	Project Number:	50290436
Grand Rapids MI, 49512	Project Manager:	Melanie Booms

MW114A (50290436008)

A212509-08 (Water)

Date Sampled
06/16/2021 16:17

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Pace Analytical - Madison									
1,4-Dioxane by SPME GC/MS						**Preparation Batch: A106170**			
1,4-Dioxane	**31**	0.057	0.50	ug/L	1	06/22/2021	06/22/2021 18:05	EPA 8260B	
Surrogate: 1,3-Dioxane			*88.1 %*	*72.7-123*		*06/22/2021*	*06/22/2021 18:05*	*EPA 8260B*	

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Pace Analytical	Project:	SE Rockford, IL Site
5560 Corporate Exchange Ct. SE	Project Number:	50290436
Grand Rapids MI, 49512	Project Manager:	Melanie Booms

MW114B (50290436009)

A212509-09 (Water)

Date Sampled
06/16/2021 16:48

Pace Analytical - Madison

1,4-Dioxane by SPME GC/MS — **Preparation Batch: A106170**

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
1,4-Dioxane	**10**	0.057	0.50	ug/L	1	06/22/2021	06/22/2021 18:26	EPA 8260B	
Surrogate: 1,3-Dioxane			*83.5 %*	*72.7-123*		*06/22/2021*	*06/22/2021 18:26*	*EPA 8260B*	

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Pace Analytical	Project:	SE Rockford, IL Site
5560 Corporate Exchange Ct. SE	Project Number:	50290436
Grand Rapids MI, 49512	Project Manager:	Melanie Booms

FD-2 (50290436010)

A212509-10 (Water)

Date Sampled
06/16/2021 16:52

Pace Analytical - Madison

1,4-Dioxane by SPME GC/MS — **Preparation Batch: A106170**

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
1,4-Dioxane	**10**	0.057	0.50	ug/L	1	06/22/2021	06/22/2021 18:47	EPA 8260B	
Surrogate: 1,3-Dioxane			*79.4 %*	*72.7-123*		*06/22/2021*	*06/22/2021 18:47*	*EPA 8260B*	

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Pace Analytical	Project:	SE Rockford, IL Site
5560 Corporate Exchange Ct. SE	Project Number:	50290436
Grand Rapids MI, 49512	Project Manager:	Melanie Booms

MW16 (50290436011)

A212509-11 (Water)

Date Sampled
06/16/2021 17:26

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Pace Analytical - Madison									
1,4-Dioxane by SPME GC/MS						**Preparation Batch: A106170**			
1,4-Dioxane	**21**	0.057	0.50	ug/L	1	06/22/2021	06/22/2021 19:29	EPA 8260B	
Surrogate: 1,3-Dioxane			*93.0 %*	*72.7-123*		*06/22/2021*	*06/22/2021 19:29*	*EPA 8260B*	

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Pace Analytical	Project:	SE Rockford, IL Site
5560 Corporate Exchange Ct. SE	Project Number:	50290436
Grand Rapids MI, 49512	Project Manager:	Melanie Booms

MW133A (50290436012)

A212509-12 (Water)

Date Sampled
06/17/2021 10:52

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Pace Analytical - Madison									
1,4-Dioxane by SPME GC/MS						**Preparation Batch: A106170**			
1,4-Dioxane	**1.4**	0.057	0.50	ug/L	1	06/22/2021	06/22/2021 19:50	EPA 8260B	
Surrogate: 1,3-Dioxane			*94.7 %*	*72.7-123*		*06/22/2021*	*06/22/2021 19:50*	*EPA 8260B*	

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Pace Analytical	Project:	SE Rockford, IL Site
5560 Corporate Exchange Ct. SE	Project Number:	50290436
Grand Rapids MI, 49512	Project Manager:	Melanie Booms

MW133B (50290436013)

A212509-13 (Water)

Date Sampled
06/17/2021 11:20

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Pace Analytical - Madison									
1,4-Dioxane by SPME GC/MS						**Preparation Batch: A106170**			
1,4-Dioxane	**14**	0.057	0.50	ug/L	1	06/22/2021	06/22/2021 20:11	EPA 8260B	
Surrogate: 1,3-Dioxane			*89.0 %*	*72.7-123*		*06/22/2021*	*06/22/2021 20:11*	*EPA 8260B*	

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Pace Analytical	Project:	SE Rockford, IL Site
5560 Corporate Exchange Ct. SE	Project Number:	50290436
Grand Rapids MI, 49512	Project Manager:	Melanie Booms

MW133C (50290436014)

A212509-14 (Water)

Date Sampled
06/17/2021 11:47

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Pace Analytical - Madison									
1,4-Dioxane by SPME GC/MS						**Preparation Batch: A106170**			
1,4-Dioxane	**130**	0.057	0.50	ug/L	1	06/22/2021	06/22/2021 20:32	EPA 8260B	
Surrogate: 1,3-Dioxane			*88.5 %*	*72.7-123*		*06/22/2021*	*06/22/2021 20:32*	*EPA 8260B*	

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Pace Analytical	Project:	SE Rockford, IL Site
5560 Corporate Exchange Ct. SE	Project Number:	50290436
Grand Rapids MI, 49512	Project Manager:	Melanie Booms

MW113A (50290436015)

A212509-15 (Water)

Date Sampled
06/17/2021 12:36

Pace Analytical - Madison

1,4-Dioxane by SPME GC/MS — **Preparation Batch: A106170**

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
1,4-Dioxane	**30**	0.057	0.50	ug/L	1	06/22/2021	06/22/2021 20:53	EPA 8260B	
Surrogate: 1,3-Dioxane			*93.6 %*	*72.7-123*		*06/22/2021*	*06/22/2021 20:53*	*EPA 8260B*	

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Pace Analytical	Project:	SE Rockford, IL Site
5560 Corporate Exchange Ct. SE	Project Number:	50290436
Grand Rapids MI, 49512	Project Manager:	Melanie Booms

MW113B (50290436016)

A212509-16 (Water)

Date Sampled
06/17/2021 13:09

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Pace Analytical - Madison									
1,4-Dioxane by SPME GC/MS						**Preparation Batch: A106170**			
1,4-Dioxane	**70**	0.057	0.50	ug/L	1	06/22/2021	06/22/2021 21:14	EPA 8260B	
Surrogate: 1,3-Dioxane			*92.6 %*	*72.7-123*		*06/22/2021*	*06/22/2021 21:14*	*EPA 8260B*	

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Pace Analytical	Project: SE Rockford, IL Site
5560 Corporate Exchange Ct. SE	Project Number: 50290436
Grand Rapids MI, 49512	Project Manager: Melanie Booms

1,4-Dioxane by SPME GC/MS - Quality Control

Pace Analytical - Madison

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A106170 - VOC by SPME										
Blank (A106170-BLK1)				Prepared: 06/22/2021	Analyzed: 06/22/2021 12:01					
1,4-Dioxane	ND	0.50	ug/L							U
Surrogate: 1,3-Dioxane	*9.30*		*ug/L*	*10.00*		*93.0*	*72.7-123*			
LCS (A106170-BS1)				Prepared: 06/22/2021	Analyzed: 06/22/2021 10:33					
1,4-Dioxane	22.8	0.50	ug/L	25.00		91.2	83.3-120			
Surrogate: 1,3-Dioxane	*21.9*		*ug/L*	*25.00*		*87.4*	*72.7-123*			
Matrix Spike (A106170-MS1)	**Source: A212431-21**			Prepared: 06/22/2021	Analyzed: 06/22/2021 12:43					
1,4-Dioxane	29.5	0.50	ug/L	25.00	6.26	93.0	78.6-125			
Surrogate: 1,3-Dioxane	*21.7*		*ug/L*	*25.00*		*86.8*	*72.7-123*			
Matrix Spike Dup (A106170-MSD1)	**Source: A212431-21**			Prepared: 06/22/2021	Analyzed: 06/22/2021 13:04					
1,4-Dioxane	30.4	0.50	ug/L	25.00	6.26	96.4	78.6-125	2.84	20	
Surrogate: 1,3-Dioxane	*22.4*		*ug/L*	*25.00*		*89.5*	*72.7-123*			

2525 Advance Road
Madison, WI 53718
608.221.8700 Phone
608.221.4889 Fax

Pace Analytical	Project: SE Rockford, IL Site
5560 Corporate Exchange Ct. SE	Project Number: 50290436
Grand Rapids MI, 49512	Project Manager: Melanie Booms

Notes and Definitions

U	Analyte included in the analysis, but not detected
ND	Analyte NOT DETECTED at or above the reporting limit or limit of detection (if listed).
NR	Not Reported
dry	Sample results reported on a dry weight basis. Detection limits (if listed) and reporting limits have been adjusted for the solids content. If the word 'dry' does not appear after the units, results are reported on an as-is basis.
RPD	Relative Percent Difference

Detection limits (if listed) and reporting limits have been adjusted for dilutions, if reported.

Data Quality Control Criteria Review Summary

SDG Number: 50290252 **Project Number:** 1016-2

Site: SE Rockford, Semi-annual (First 2021)

Contractor Lab: Pace Analytical Services – Indianapolis (VOC analysis)

Validator: Maggie Mandell **Sample Date:** 6/13/21 - 6/15/21

Sample Matrix: Groundwater **Validation Date:** 8/26/21

Analytical Methods: EPA 5030B/8260 (VOC analysis)

Sample Designations:

MW-117B	**MW-130**	**MW-204**	**MW-207**
MW-117C	**MW-136**	**MW-205A**	**MW-47**
MW-117D	**MW-200**	**MW-205B**	**Trip Blank**
MW-119	**MW-201**	**MW-206A**	**FD-1**
MW-121	**MW-202**	**MW-206B**	
MW-124	**MW-203**	**MW-206C**	

The analytical data were reviewed in accordance with the analytical methods and the Environmental Protections Agency (EPA) Contract Laboratory Program (CLP) National Functional Guidelines. The review included comparing quality control (QC) values provided on the laboratory QC forms to method QC criteria. Review of the raw data was not performed.

Quality Control Summary

QC Review Item	VOA
Completeness	X
Case Narrative	X
Chain of Custody (COC) Forms	X
Sample Preservation	X
Holding Times	X
Laboratory Blank Results	X
System Monitoring Compounds (Surrogate) Results	X
Matrix Spike/Matrix Duplicate (MS/MSD) Results	1
Laboratory Control Sample (LCS) Results	2
Method Specific Quality Control (QC) Results *	X
System Performance	X
Field Quality Control Results #	3
Other	NA

X Acceptable, no qualification necessary
See validation summary comment
NR Not required
NA Not applicable
*) The reviewer has indicated in the comments, if necessary, the method specific QC results included in the data package that were reviewed.
#) Field QC may include field duplicates, trip blanks, rinse blanks, field blanks, and equipment blank samples as required by project specific criteria.

Data for the above samples are:

- ☒ Acceptable for use
- ☐ Acceptable for use as qualified
- ☐ Unacceptable for use

Action required by Project Manager

- ☐ Yes
- ☒ No

Data Validation Summary Comments:

1. **Matrix Spike/Matrix Duplicate (MS/MSD) Results –** The matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits for MS/MSD samples identified in the table below. The compounds were not detected in the investigative samples. Therefore, no qualification is necessary.

Compound	MS/MSD % Recovery	QC Batch	Affected Samples	Qualifier(s)
Bromomethane	255/ -	627116	MW203	M0
Bromomethane	245/258	627264	MW124	M0

2. **Laboratory Control Spike (LCS) –** Analyte recovery in the laboratory control sample (LCS) was above QC limits; results for this analyte in associated samples may be biased high. The compounds were not detected in the investigative samples. Therefore, no qualification is necessary.

Compound	LCS % Recovery	QC Batch	Affected Samples	Qualifier(s)
Bromomethane	252	627116	All	L1
Bromomethane	274	627264	All	L1

3. **Field Quality Control Samples** – One field duplicate was collected during this sampling event. The RPD is not necessarily calculated if both the primary and duplicate results are not five times greater than the reporting limit. The RPD between the investigative and duplicate samples was less than or equal to 8%. The RPD values only consider the comparison of two concentrations reported above the reporting limit. Qualification is not necessary.

Overall Assessment of Data:

The Pace Work Order Report #50290252 is 100% complete. The data usability is based on EPA's guidance documents. No problems were identified with reported data and analytical performance was within specified limits. The data are acceptable and meet the project's data quality objectives.

Data Quality Control Criteria Review Summary

SDG Number: A212431 **Project Number:** 1016-2

Site: SE Rockford, Semi-annual (First 2021)

Contractor Lab: Pace Analytical Services – Madison

Validator: Maggie Mandell **Sample Date:** 6/13/21-6/15/21

Sample Matrix: Groundwater **Validation Date:** 8/26/21

Analytical Methods: EPA 8260 by SPME (1,4-Dioxane)

Sample Designations:

MW-117B	**MW-130**	**MW-204**	**MW-207**
MW-117C	**MW-136**	**MW-205A**	**MW-47**
MW-117D	**MW-200**	**MW-205B**	**FD-1**
MW-119	**MW-201**	**MW-206A**	
MW-121	**MW-202**	**MW-206B**	
MW-124	**MW-203**	**MW-206C**	

The analytical data were reviewed in accordance with the analytical methods and the Environmental Protections Agency (EPA) Contract Laboratory Program (CLP) National Functional Guidelines. The review included comparing quality control (QC) values provided on the laboratory QC forms to method QC criteria. Review of the raw data was not performed.

Quality Control Summary

QC Review Item	VOA
Completeness	1
Case Narrative	X
Chain of Custody (COC) Forms	X
Sample Preservation	X
Holding Times	X
Laboratory Blank Results	X
System Monitoring Compounds (Surrogate) Results	X
Matrix Spike/Matrix Duplicate (MS/MSD) Results	X
Laboratory Control Sample (LCS) Results	X
Method Specific Quality Control (QC) Results *	X
System Performance	X
Field Quality Control Results #	2
Other	NA

X Acceptable, no qualification necessary
See validation summary comment
NR Not required
NA Not applicable
*) The reviewer has indicated in the comments, if necessary, the method specific QC results included in the data package that were reviewed.
#) Field QC may include field duplicates, trip blanks, rinse blanks, field blanks, and equipment blank samples as required by project specific criteria.

Data for the above samples are:

- ☒ Acceptable for use
- ☐ Acceptable for use as qualified
- ☐ Unacceptable for use

Action required by Project Manager

- ☐ Yes
- ☒ No

Data Validation Summary Comments:

1. **Completeness –** A Level IV data package, including QC and calibration documentation, was provided by the laboratory. The data package is complete.

2. **Field Quality Control Samples** – One field duplicate was collected during this sampling event. The RPD is not necessarily calculated if both the primary and duplicate results are not five times greater than the reporting limit. The RPD between the investigative and duplicate samples was 0%. The RPD values only consider the comparison of two concentrations reported above the reporting limit. Qualification is not necessary.

Overall Assessment of Data:

The Pace Work Order Report #50290252 – SDG A212431 is 100% complete. The data usability is based on EPA's guidance documents. No problems were identified with reported data and analytical performance was within specified limits. The data are acceptable and meet the project's data quality objectives.

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SAMPLE SUMMARY

Project: SE Rockford, IL Site
Pace Project No.: 50290252

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50290252001	**MW203**	Water	06/13/21 13:06	06/16/21 09:30
50290252002	**MW202**	Water	06/13/21 13:49	06/16/21 09:30
50290252003	**MW201**	Water	06/13/21 14:45	06/16/21 09:30
50290252004	**MW124**	Water	06/13/21 15:44	06/16/21 09:30
50290252005	**FD-1**	Water	06/13/21 15:49	06/16/21 09:30
50290252006	**MW121**	Water	06/13/21 16:35	06/16/21 09:30
50290252007	**MW204**	Water	06/13/21 17:27	06/16/21 09:30
50290252008	**MW206A**	Water	06/14/21 12:57	06/16/21 09:30
50290252009	**MW206B**	Water	06/14/21 13:33	06/16/21 09:30
50290252010	**MW206C**	Water	06/14/21 14:11	06/16/21 09:30
50290252011	**MW205A**	Water	06/14/21 15:02	06/16/21 09:30
50290252012	**MW205B**	Water	06/14/21 15:34	06/16/21 09:30
50290252013	**MW117D**	Water	06/14/21 16:17	06/16/21 09:30
50290252014	**MW117C**	Water	06/14/21 16:50	06/16/21 09:30
50290252015	**MW117B**	Water	06/14/21 17:25	06/16/21 09:30
50290252016	**MW47**	Water	06/15/21 11:26	06/16/21 09:30
50290252017	**MW207**	Water	06/15/21 12:20	06/16/21 09:30
50290252018	**MW119**	Water	06/15/21 13:03	06/16/21 09:30
50290252019	**MW136**	Water	06/15/21 14:12	06/16/21 09:30
50290252020	**MW200**	Water	06/15/21 14:54	06/16/21 09:30
50290252021	**Trip Blank**	Water	06/15/21 00:00	06/16/21 09:30
50290252022	**MW130**	Water	06/15/21 15:48	06/16/21 09:30

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SAMPLE ANALYTE COUNT

Project: SE Rockford, IL Site
Pace Project No.: 50290252

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50290252001	**MW203**	EPA 5030B/8260	ALA	43	PASI-I
50290252002	**MW202**	EPA 5030B/8260	ALA	43	PASI-I
50290252003	**MW201**	EPA 5030B/8260	ALA	43	PASI-I
50290252004	**MW124**	EPA 5030B/8260	ALA	43	PASI-I
50290252005	**FD-1**	EPA 5030B/8260	ALA	43	PASI-I
50290252006	**MW121**	EPA 5030B/8260	ALA	43	PASI-I
50290252007	**MW204**	EPA 5030B/8260	ALA	43	PASI-I
50290252008	**MW206A**	EPA 5030B/8260	ALA	43	PASI-I
50290252009	**MW206B**	EPA 5030B/8260	ALA	43	PASI-I
50290252010	**MW206C**	EPA 5030B/8260	ALA	43	PASI-I
50290252011	**MW205A**	EPA 5030B/8260	ALA	43	PASI-I
50290252012	**MW205B**	EPA 5030B/8260	ALA	43	PASI-I
50290252013	**MW117D**	EPA 5030B/8260	ALA	43	PASI-I
50290252014	**MW117C**	EPA 5030B/8260	ALA	43	PASI-I
50290252015	**MW117B**	EPA 5030B/8260	ALA	43	PASI-I
50290252016	**MW47**	EPA 5030B/8260	ALA	43	PASI-I
50290252017	**MW207**	EPA 5030B/8260	ALA	43	PASI-I
50290252018	**MW119**	EPA 5030B/8260	ALA	43	PASI-I
50290252019	**MW136**	EPA 5030B/8260	ALA	43	PASI-I
50290252020	**MW200**	EPA 5030B/8260	ALA	43	PASI-I
50290252022	**MW130**	EPA 5030B/8260	ALA	43	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

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PROJECT NARRATIVE

Project: SE Rockford, IL Site
Pace Project No.: 50290252

Method: **EPA 5030B/8260**
Description: 8260 MSV Low Level
Client: Nationwide Environmental Services
Date: June 28, 2021

General Information:
21 samples were analyzed for EPA 5030B/8260 by Pace Analytical Services Indianapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 627116

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- LCS (Lab ID: 2889985)
  - Bromomethane

QC Batch: 627264

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- LCS (Lab ID: 2890409)
  - Bromomethane

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 627116

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 50290252001

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 2889986)

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PROJECT NARRATIVE

Project: SE Rockford, IL Site
Pace Project No.: 50290252

Method: **EPA 5030B/8260**
Description: 8260 MSV Low Level
Client: Nationwide Environmental Services
Date: June 28, 2021

QC Batch: 627116

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 50290252001

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- Bromomethane

QC Batch: 627264

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 50290033004

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 2890410)
  - Bromomethane
- MSD (Lab ID: 2890411)
  - Bromomethane

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290252

Sample: MW203 **Lab ID: 50290252001** Collected: 06/13/21 13:06 Received: 06/16/21 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	3.6	1		06/20/21 05:32	67-64-1	
Benzene	ND	ug/L	1.0	0.35	1		06/20/21 05:32	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.36	1		06/20/21 05:32	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.28	1		06/20/21 05:32	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		06/20/21 05:32	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		06/20/21 05:32	74-83-9	L1,M0
2-Butanone (MEK)	ND	ug/L	20.0	1.4	1		06/20/21 05:32	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.26	1		06/20/21 05:32	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		06/20/21 05:32	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.34	1		06/20/21 05:32	108-90-7	
Chloroethane	ND	ug/L	2.0	0.72	1		06/20/21 05:32	75-00-3	
Chloroform	ND	ug/L	1.0	0.39	1		06/20/21 05:32	67-66-3	
Chloromethane	ND	ug/L	2.0	0.42	1		06/20/21 05:32	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.61	1		06/20/21 05:32	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.26	1		06/20/21 05:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.19	1		06/20/21 05:32	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		06/20/21 05:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 05:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 05:32	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	0.34	1		06/20/21 05:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.27	1		06/20/21 05:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.26	1		06/20/21 05:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.36	1		06/20/21 05:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.37	1		06/20/21 05:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		06/20/21 05:32	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		06/20/21 05:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.24	1		06/20/21 05:32	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.31	1		06/20/21 05:32	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.88	1		06/20/21 05:32	591-78-6	
Methylene Chloride	ND	ug/L	5.0	0.79	1		06/20/21 05:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.81	1		06/20/21 05:32	108-10-1	
Styrene	ND	ug/L	1.0	0.32	1		06/20/21 05:32	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/20/21 05:32	79-34-5	
Tetrachloroethene	**4.2**	ug/L	1.0	0.24	1		06/20/21 05:32	127-18-4	
Toluene	ND	ug/L	1.0	0.33	1		06/20/21 05:32	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.22	1		06/20/21 05:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.25	1		06/20/21 05:32	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.34	1		06/20/21 05:32	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.45	1		06/20/21 05:32	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.71	1		06/20/21 05:32	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%.	78-117		1		06/20/21 05:32	460-00-4	
Dibromofluoromethane (S)	101	%.	78-120		1		06/20/21 05:32	1868-53-7	
Toluene-d8 (S)	99	%.	77-118		1		06/20/21 05:32	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290252

Sample: MW202 **Lab ID: 50290252002** Collected: 06/13/21 13:49 Received: 06/16/21 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	3.6	1		06/20/21 07:00	67-64-1	
Benzene	ND	ug/L	1.0	0.35	1		06/20/21 07:00	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.36	1		06/20/21 07:00	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.28	1		06/20/21 07:00	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		06/20/21 07:00	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		06/20/21 07:00	74-83-9	L1
2-Butanone (MEK)	ND	ug/L	20.0	1.4	1		06/20/21 07:00	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.26	1		06/20/21 07:00	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		06/20/21 07:00	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.34	1		06/20/21 07:00	108-90-7	
Chloroethane	ND	ug/L	2.0	0.72	1		06/20/21 07:00	75-00-3	
Chloroform	ND	ug/L	1.0	0.39	1		06/20/21 07:00	67-66-3	
Chloromethane	ND	ug/L	2.0	0.42	1		06/20/21 07:00	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.61	1		06/20/21 07:00	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.26	1		06/20/21 07:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.19	1		06/20/21 07:00	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		06/20/21 07:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 07:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 07:00	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	0.34	1		06/20/21 07:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.27	1		06/20/21 07:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.26	1		06/20/21 07:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.36	1		06/20/21 07:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.37	1		06/20/21 07:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		06/20/21 07:00	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		06/20/21 07:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.24	1		06/20/21 07:00	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.31	1		06/20/21 07:00	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.88	1		06/20/21 07:00	591-78-6	
Methylene Chloride	ND	ug/L	5.0	0.79	1		06/20/21 07:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.81	1		06/20/21 07:00	108-10-1	
Styrene	ND	ug/L	1.0	0.32	1		06/20/21 07:00	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/20/21 07:00	79-34-5	
Tetrachloroethene	**0.43J**	ug/L	1.0	0.24	1		06/20/21 07:00	127-18-4	
Toluene	ND	ug/L	1.0	0.33	1		06/20/21 07:00	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.22	1		06/20/21 07:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.25	1		06/20/21 07:00	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.34	1		06/20/21 07:00	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.45	1		06/20/21 07:00	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.71	1		06/20/21 07:00	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%.	78-117		1		06/20/21 07:00	460-00-4	
Dibromofluoromethane (S)	101	%.	78-120		1		06/20/21 07:00	1868-53-7	
Toluene-d8 (S)	99	%.	77-118		1		06/20/21 07:00	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290252

Sample: MW201 **Lab ID: 50290252003** Collected: 06/13/21 14:45 Received: 06/16/21 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	3.6	1		06/20/21 07:30	67-64-1	
Benzene	ND	ug/L	1.0	0.35	1		06/20/21 07:30	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.36	1		06/20/21 07:30	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.28	1		06/20/21 07:30	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		06/20/21 07:30	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		06/20/21 07:30	74-83-9	L1
2-Butanone (MEK)	ND	ug/L	20.0	1.4	1		06/20/21 07:30	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.26	1		06/20/21 07:30	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		06/20/21 07:30	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.34	1		06/20/21 07:30	108-90-7	
Chloroethane	ND	ug/L	2.0	0.72	1		06/20/21 07:30	75-00-3	
Chloroform	ND	ug/L	1.0	0.39	1		06/20/21 07:30	67-66-3	
Chloromethane	ND	ug/L	2.0	0.42	1		06/20/21 07:30	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.61	1		06/20/21 07:30	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.26	1		06/20/21 07:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.19	1		06/20/21 07:30	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		06/20/21 07:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 07:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 07:30	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	0.34	1		06/20/21 07:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.27	1		06/20/21 07:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.26	1		06/20/21 07:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.36	1		06/20/21 07:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.37	1		06/20/21 07:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		06/20/21 07:30	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		06/20/21 07:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.24	1		06/20/21 07:30	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.31	1		06/20/21 07:30	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.88	1		06/20/21 07:30	591-78-6	
Methylene Chloride	ND	ug/L	5.0	0.79	1		06/20/21 07:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.81	1		06/20/21 07:30	108-10-1	
Styrene	ND	ug/L	1.0	0.32	1		06/20/21 07:30	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/20/21 07:30	79-34-5	
Tetrachloroethene	**1.8**	ug/L	1.0	0.24	1		06/20/21 07:30	127-18-4	
Toluene	ND	ug/L	1.0	0.33	1		06/20/21 07:30	108-88-3	
1,1,1-Trichloroethane	**1.0**	ug/L	1.0	0.22	1		06/20/21 07:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.25	1		06/20/21 07:30	79-00-5	
Trichloroethene	**0.51J**	ug/L	1.0	0.34	1		06/20/21 07:30	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.45	1		06/20/21 07:30	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.71	1		06/20/21 07:30	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%.	78-117		1		06/20/21 07:30	460-00-4	
Dibromofluoromethane (S)	102	%.	78-120		1		06/20/21 07:30	1868-53-7	
Toluene-d8 (S)	99	%.	77-118		1		06/20/21 07:30	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290252

Sample: MW124 **Lab ID: 50290252004** Collected: 06/13/21 15:44 Received: 06/16/21 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	3.6	1		06/20/21 07:59	67-64-1	
Benzene	ND	ug/L	1.0	0.35	1		06/20/21 07:59	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.36	1		06/20/21 07:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.28	1		06/20/21 07:59	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		06/20/21 07:59	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		06/20/21 07:59	74-83-9	L1
2-Butanone (MEK)	ND	ug/L	20.0	1.4	1		06/20/21 07:59	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.26	1		06/20/21 07:59	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		06/20/21 07:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.34	1		06/20/21 07:59	108-90-7	
Chloroethane	ND	ug/L	2.0	0.72	1		06/20/21 07:59	75-00-3	
Chloroform	ND	ug/L	1.0	0.39	1		06/20/21 07:59	67-66-3	
Chloromethane	ND	ug/L	2.0	0.42	1		06/20/21 07:59	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.61	1		06/20/21 07:59	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.26	1		06/20/21 07:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.19	1		06/20/21 07:59	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		06/20/21 07:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 07:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 07:59	106-46-7	
1,1-Dichloroethane	**25.1**	ug/L	1.0	0.34	1		06/20/21 07:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.27	1		06/20/21 07:59	107-06-2	
1,1-Dichloroethene	**4.6**	ug/L	1.0	0.26	1		06/20/21 07:59	75-35-4	
cis-1,2-Dichloroethene	**13.2**	ug/L	1.0	0.36	1		06/20/21 07:59	156-59-2	
trans-1,2-Dichloroethene	**0.53J**	ug/L	1.0	0.37	1		06/20/21 07:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		06/20/21 07:59	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		06/20/21 07:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.24	1		06/20/21 07:59	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.31	1		06/20/21 07:59	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.88	1		06/20/21 07:59	591-78-6	
Methylene Chloride	ND	ug/L	5.0	0.79	1		06/20/21 07:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.81	1		06/20/21 07:59	108-10-1	
Styrene	ND	ug/L	1.0	0.32	1		06/20/21 07:59	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/20/21 07:59	79-34-5	
Tetrachloroethene	**7.0**	ug/L	1.0	0.24	1		06/20/21 07:59	127-18-4	
Toluene	ND	ug/L	1.0	0.33	1		06/20/21 07:59	108-88-3	
1,1,1-Trichloroethane	**22.7**	ug/L	1.0	0.22	1		06/20/21 07:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.25	1		06/20/21 07:59	79-00-5	
Trichloroethene	**2.8**	ug/L	1.0	0.34	1		06/20/21 07:59	79-01-6	
Vinyl chloride	**2.1**	ug/L	1.0	0.45	1		06/20/21 07:59	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.71	1		06/20/21 07:59	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%.	78-117		1		06/20/21 07:59	460-00-4	
Dibromofluoromethane (S)	102	%.	78-120		1		06/20/21 07:59	1868-53-7	
Toluene-d8 (S)	100	%.	77-118		1		06/20/21 07:59	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290252

Sample: FD-1 **Lab ID: 50290252005** Collected: 06/13/21 15:49 Received: 06/16/21 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	3.6	1		06/20/21 08:29	67-64-1	
Benzene	ND	ug/L	1.0	0.35	1		06/20/21 08:29	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.36	1		06/20/21 08:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.28	1		06/20/21 08:29	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		06/20/21 08:29	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		06/20/21 08:29	74-83-9	L1
2-Butanone (MEK)	ND	ug/L	20.0	1.4	1		06/20/21 08:29	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.26	1		06/20/21 08:29	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		06/20/21 08:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.34	1		06/20/21 08:29	108-90-7	
Chloroethane	ND	ug/L	2.0	0.72	1		06/20/21 08:29	75-00-3	
Chloroform	ND	ug/L	1.0	0.39	1		06/20/21 08:29	67-66-3	
Chloromethane	ND	ug/L	2.0	0.42	1		06/20/21 08:29	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.61	1		06/20/21 08:29	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.26	1		06/20/21 08:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.19	1		06/20/21 08:29	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		06/20/21 08:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 08:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 08:29	106-46-7	
1,1-Dichloroethane	**26.2**	ug/L	1.0	0.34	1		06/20/21 08:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.27	1		06/20/21 08:29	107-06-2	
1,1-Dichloroethene	**4.5**	ug/L	1.0	0.26	1		06/20/21 08:29	75-35-4	
cis-1,2-Dichloroethene	**13.3**	ug/L	1.0	0.36	1		06/20/21 08:29	156-59-2	
trans-1,2-Dichloroethene	**0.49J**	ug/L	1.0	0.37	1		06/20/21 08:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		06/20/21 08:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		06/20/21 08:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.24	1		06/20/21 08:29	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.31	1		06/20/21 08:29	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.88	1		06/20/21 08:29	591-78-6	
Methylene Chloride	ND	ug/L	5.0	0.79	1		06/20/21 08:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.81	1		06/20/21 08:29	108-10-1	
Styrene	ND	ug/L	1.0	0.32	1		06/20/21 08:29	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/20/21 08:29	79-34-5	
Tetrachloroethene	**6.5**	ug/L	1.0	0.24	1		06/20/21 08:29	127-18-4	
Toluene	ND	ug/L	1.0	0.33	1		06/20/21 08:29	108-88-3	
1,1,1-Trichloroethane	**22.2**	ug/L	1.0	0.22	1		06/20/21 08:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.25	1		06/20/21 08:29	79-00-5	
Trichloroethene	**2.7**	ug/L	1.0	0.34	1		06/20/21 08:29	79-01-6	
Vinyl chloride	**2.2**	ug/L	1.0	0.45	1		06/20/21 08:29	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.71	1		06/20/21 08:29	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%.	78-117		1		06/20/21 08:29	460-00-4	
Dibromofluoromethane (S)	102	%.	78-120		1		06/20/21 08:29	1868-53-7	
Toluene-d8 (S)	99	%.	77-118		1		06/20/21 08:29	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290252

Sample: MW121 **Lab ID: 50290252006** Collected: 06/13/21 16:35 Received: 06/16/21 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	3.6	1		06/20/21 08:58	67-64-1	
Benzene	ND	ug/L	1.0	0.35	1		06/20/21 08:58	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.36	1		06/20/21 08:58	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.28	1		06/20/21 08:58	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		06/20/21 08:58	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		06/20/21 08:58	74-83-9	L1
2-Butanone (MEK)	ND	ug/L	20.0	1.4	1		06/20/21 08:58	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.26	1		06/20/21 08:58	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		06/20/21 08:58	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.34	1		06/20/21 08:58	108-90-7	
Chloroethane	ND	ug/L	2.0	0.72	1		06/20/21 08:58	75-00-3	
Chloroform	**0.60J**	ug/L	1.0	0.39	1		06/20/21 08:58	67-66-3	
Chloromethane	ND	ug/L	2.0	0.42	1		06/20/21 08:58	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.61	1		06/20/21 08:58	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.26	1		06/20/21 08:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.19	1		06/20/21 08:58	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		06/20/21 08:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 08:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 08:58	106-46-7	
1,1-Dichloroethane	**104**	ug/L	1.0	0.34	1		06/20/21 08:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.27	1		06/20/21 08:58	107-06-2	
1,1-Dichloroethene	**39.6**	ug/L	1.0	0.26	1		06/20/21 08:58	75-35-4	
cis-1,2-Dichloroethene	**5.7**	ug/L	1.0	0.36	1		06/20/21 08:58	156-59-2	
trans-1,2-Dichloroethene	**1.0**	ug/L	1.0	0.37	1		06/20/21 08:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		06/20/21 08:58	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		06/20/21 08:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.24	1		06/20/21 08:58	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.31	1		06/20/21 08:58	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.88	1		06/20/21 08:58	591-78-6	
Methylene Chloride	ND	ug/L	5.0	0.79	1		06/20/21 08:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.81	1		06/20/21 08:58	108-10-1	
Styrene	ND	ug/L	1.0	0.32	1		06/20/21 08:58	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/20/21 08:58	79-34-5	
Tetrachloroethene	**1.3**	ug/L	1.0	0.24	1		06/20/21 08:58	127-18-4	
Toluene	ND	ug/L	1.0	0.33	1		06/20/21 08:58	108-88-3	
1,1,1-Trichloroethane	**46.2**	ug/L	1.0	0.22	1		06/20/21 08:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.25	1		06/20/21 08:58	79-00-5	
Trichloroethene	**39.2**	ug/L	1.0	0.34	1		06/20/21 08:58	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.45	1		06/20/21 08:58	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.71	1		06/20/21 08:58	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%.	78-117		1		06/20/21 08:58	460-00-4	
Dibromofluoromethane (S)	103	%.	78-120		1		06/20/21 08:58	1868-53-7	
Toluene-d8 (S)	99	%.	77-118		1		06/20/21 08:58	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290252

Sample: MW204 **Lab ID: 50290252007** Collected: 06/13/21 17:27 Received: 06/16/21 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	3.6	1		06/20/21 09:28	67-64-1	
Benzene	ND	ug/L	1.0	0.35	1		06/20/21 09:28	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.36	1		06/20/21 09:28	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.28	1		06/20/21 09:28	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		06/20/21 09:28	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		06/20/21 09:28	74-83-9	L1
2-Butanone (MEK)	ND	ug/L	20.0	1.4	1		06/20/21 09:28	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.26	1		06/20/21 09:28	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		06/20/21 09:28	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.34	1		06/20/21 09:28	108-90-7	
Chloroethane	ND	ug/L	2.0	0.72	1		06/20/21 09:28	75-00-3	
Chloroform	**0.39J**	ug/L	1.0	0.39	1		06/20/21 09:28	67-66-3	
Chloromethane	ND	ug/L	2.0	0.42	1		06/20/21 09:28	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.61	1		06/20/21 09:28	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.26	1		06/20/21 09:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.19	1		06/20/21 09:28	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		06/20/21 09:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 09:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 09:28	106-46-7	
1,1-Dichloroethane	**56.1**	ug/L	1.0	0.34	1		06/20/21 09:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.27	1		06/20/21 09:28	107-06-2	
1,1-Dichloroethene	**35.2**	ug/L	1.0	0.26	1		06/20/21 09:28	75-35-4	
cis-1,2-Dichloroethene	**14.1**	ug/L	1.0	0.36	1		06/20/21 09:28	156-59-2	
trans-1,2-Dichloroethene	**0.89J**	ug/L	1.0	0.37	1		06/20/21 09:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		06/20/21 09:28	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		06/20/21 09:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.24	1		06/20/21 09:28	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.31	1		06/20/21 09:28	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.88	1		06/20/21 09:28	591-78-6	
Methylene Chloride	ND	ug/L	5.0	0.79	1		06/20/21 09:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.81	1		06/20/21 09:28	108-10-1	
Styrene	ND	ug/L	1.0	0.32	1		06/20/21 09:28	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/20/21 09:28	79-34-5	
Tetrachloroethene	**3.9**	ug/L	1.0	0.24	1		06/20/21 09:28	127-18-4	
Toluene	ND	ug/L	1.0	0.33	1		06/20/21 09:28	108-88-3	
1,1,1-Trichloroethane	**31.9**	ug/L	1.0	0.22	1		06/20/21 09:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.25	1		06/20/21 09:28	79-00-5	
Trichloroethene	**73.1**	ug/L	1.0	0.34	1		06/20/21 09:28	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.45	1		06/20/21 09:28	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.71	1		06/20/21 09:28	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%.	78-117		1		06/20/21 09:28	460-00-4	
Dibromofluoromethane (S)	103	%.	78-120		1		06/20/21 09:28	1868-53-7	
Toluene-d8 (S)	99	%.	77-118		1		06/20/21 09:28	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290252

Sample: MW206A **Lab ID: 50290252008** Collected: 06/14/21 12:57 Received: 06/16/21 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	3.6	1		06/20/21 09:57	67-64-1	
Benzene	ND	ug/L	1.0	0.35	1		06/20/21 09:57	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.36	1		06/20/21 09:57	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.28	1		06/20/21 09:57	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		06/20/21 09:57	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		06/20/21 09:57	74-83-9	L1
2-Butanone (MEK)	ND	ug/L	20.0	1.4	1		06/20/21 09:57	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.26	1		06/20/21 09:57	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		06/20/21 09:57	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.34	1		06/20/21 09:57	108-90-7	
Chloroethane	ND	ug/L	2.0	0.72	1		06/20/21 09:57	75-00-3	
Chloroform	ND	ug/L	1.0	0.39	1		06/20/21 09:57	67-66-3	
Chloromethane	ND	ug/L	2.0	0.42	1		06/20/21 09:57	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.61	1		06/20/21 09:57	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.26	1		06/20/21 09:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.19	1		06/20/21 09:57	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		06/20/21 09:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 09:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 09:57	106-46-7	
1,1-Dichloroethane	**9.3**	ug/L	1.0	0.34	1		06/20/21 09:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.27	1		06/20/21 09:57	107-06-2	
1,1-Dichloroethene	**3.3**	ug/L	1.0	0.26	1		06/20/21 09:57	75-35-4	
cis-1,2-Dichloroethene	**1.3**	ug/L	1.0	0.36	1		06/20/21 09:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.37	1		06/20/21 09:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		06/20/21 09:57	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		06/20/21 09:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.24	1		06/20/21 09:57	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.31	1		06/20/21 09:57	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.88	1		06/20/21 09:57	591-78-6	
Methylene Chloride	ND	ug/L	5.0	0.79	1		06/20/21 09:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.81	1		06/20/21 09:57	108-10-1	
Styrene	ND	ug/L	1.0	0.32	1		06/20/21 09:57	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/20/21 09:57	79-34-5	
Tetrachloroethene	**7.2**	ug/L	1.0	0.24	1		06/20/21 09:57	127-18-4	
Toluene	ND	ug/L	1.0	0.33	1		06/20/21 09:57	108-88-3	
1,1,1-Trichloroethane	**12.4**	ug/L	1.0	0.22	1		06/20/21 09:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.25	1		06/20/21 09:57	79-00-5	
Trichloroethene	**5.1**	ug/L	1.0	0.34	1		06/20/21 09:57	79-01-6	
Vinyl chloride	**0.63J**	ug/L	1.0	0.45	1		06/20/21 09:57	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.71	1		06/20/21 09:57	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%.	78-117		1		06/20/21 09:57	460-00-4	
Dibromofluoromethane (S)	102	%.	78-120		1		06/20/21 09:57	1868-53-7	
Toluene-d8 (S)	98	%.	77-118		1		06/20/21 09:57	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290252

Sample: MW206B **Lab ID: 50290252009** Collected: 06/14/21 13:33 Received: 06/16/21 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	3.6	1		06/20/21 10:27	67-64-1	
Benzene	ND	ug/L	1.0	0.35	1		06/20/21 10:27	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.36	1		06/20/21 10:27	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.28	1		06/20/21 10:27	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		06/20/21 10:27	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		06/20/21 10:27	74-83-9	L1
2-Butanone (MEK)	ND	ug/L	20.0	1.4	1		06/20/21 10:27	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.26	1		06/20/21 10:27	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		06/20/21 10:27	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.34	1		06/20/21 10:27	108-90-7	
Chloroethane	ND	ug/L	2.0	0.72	1		06/20/21 10:27	75-00-3	
Chloroform	ND	ug/L	1.0	0.39	1		06/20/21 10:27	67-66-3	
Chloromethane	ND	ug/L	2.0	0.42	1		06/20/21 10:27	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.61	1		06/20/21 10:27	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.26	1		06/20/21 10:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.19	1		06/20/21 10:27	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		06/20/21 10:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 10:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 10:27	106-46-7	
1,1-Dichloroethane	**25.4**	ug/L	1.0	0.34	1		06/20/21 10:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.27	1		06/20/21 10:27	107-06-2	
1,1-Dichloroethene	**21.7**	ug/L	1.0	0.26	1		06/20/21 10:27	75-35-4	
cis-1,2-Dichloroethene	**16.8**	ug/L	1.0	0.36	1		06/20/21 10:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.37	1		06/20/21 10:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		06/20/21 10:27	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		06/20/21 10:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.24	1		06/20/21 10:27	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.31	1		06/20/21 10:27	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.88	1		06/20/21 10:27	591-78-6	
Methylene Chloride	ND	ug/L	5.0	0.79	1		06/20/21 10:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.81	1		06/20/21 10:27	108-10-1	
Styrene	ND	ug/L	1.0	0.32	1		06/20/21 10:27	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/20/21 10:27	79-34-5	
Tetrachloroethene	**19.5**	ug/L	1.0	0.24	1		06/20/21 10:27	127-18-4	
Toluene	ND	ug/L	1.0	0.33	1		06/20/21 10:27	108-88-3	
1,1,1-Trichloroethane	**23.7**	ug/L	1.0	0.22	1		06/20/21 10:27	71-55-6	
1,1,2-Trichloroethane	**0.46J**	ug/L	1.0	0.25	1		06/20/21 10:27	79-00-5	
Trichloroethene	**16.0**	ug/L	1.0	0.34	1		06/20/21 10:27	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.45	1		06/20/21 10:27	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.71	1		06/20/21 10:27	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%.	78-117		1		06/20/21 10:27	460-00-4	
Dibromofluoromethane (S)	102	%.	78-120		1		06/20/21 10:27	1868-53-7	
Toluene-d8 (S)	100	%.	77-118		1		06/20/21 10:27	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290252

Sample: MW206C **Lab ID: 50290252010** Collected: 06/14/21 14:11 Received: 06/16/21 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	3.6	1		06/20/21 10:56	67-64-1	
Benzene	ND	ug/L	1.0	0.35	1		06/20/21 10:56	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.36	1		06/20/21 10:56	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.28	1		06/20/21 10:56	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		06/20/21 10:56	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		06/20/21 10:56	74-83-9	L1
2-Butanone (MEK)	ND	ug/L	20.0	1.4	1		06/20/21 10:56	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.26	1		06/20/21 10:56	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		06/20/21 10:56	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.34	1		06/20/21 10:56	108-90-7	
Chloroethane	ND	ug/L	2.0	0.72	1		06/20/21 10:56	75-00-3	
Chloroform	ND	ug/L	1.0	0.39	1		06/20/21 10:56	67-66-3	
Chloromethane	ND	ug/L	2.0	0.42	1		06/20/21 10:56	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.61	1		06/20/21 10:56	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.26	1		06/20/21 10:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.19	1		06/20/21 10:56	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		06/20/21 10:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 10:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 10:56	106-46-7	
1,1-Dichloroethane	**34.9**	ug/L	1.0	0.34	1		06/20/21 10:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.27	1		06/20/21 10:56	107-06-2	
1,1-Dichloroethene	**14.5**	ug/L	1.0	0.26	1		06/20/21 10:56	75-35-4	
cis-1,2-Dichloroethene	**50.3**	ug/L	1.0	0.36	1		06/20/21 10:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.37	1		06/20/21 10:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		06/20/21 10:56	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		06/20/21 10:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.24	1		06/20/21 10:56	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.31	1		06/20/21 10:56	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.88	1		06/20/21 10:56	591-78-6	
Methylene Chloride	ND	ug/L	5.0	0.79	1		06/20/21 10:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.81	1		06/20/21 10:56	108-10-1	
Styrene	ND	ug/L	1.0	0.32	1		06/20/21 10:56	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/20/21 10:56	79-34-5	
Tetrachloroethene	**0.50J**	ug/L	1.0	0.24	1		06/20/21 10:56	127-18-4	
Toluene	ND	ug/L	1.0	0.33	1		06/20/21 10:56	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.22	1		06/20/21 10:56	71-55-6	
1,1,2-Trichloroethane	**1.2**	ug/L	1.0	0.25	1		06/20/21 10:56	79-00-5	
Trichloroethene	**8.2**	ug/L	1.0	0.34	1		06/20/21 10:56	79-01-6	
Vinyl chloride	**16.9**	ug/L	1.0	0.45	1		06/20/21 10:56	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.71	1		06/20/21 10:56	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%.	78-117		1		06/20/21 10:56	460-00-4	
Dibromofluoromethane (S)	102	%.	78-120		1		06/20/21 10:56	1868-53-7	
Toluene-d8 (S)	99	%.	77-118		1		06/20/21 10:56	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290252

Sample: MW205A **Lab ID: 50290252011** Collected: 06/14/21 15:02 Received: 06/16/21 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	3.6	1		06/20/21 11:25	67-64-1	
Benzene	ND	ug/L	1.0	0.35	1		06/20/21 11:25	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.36	1		06/20/21 11:25	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.28	1		06/20/21 11:25	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		06/20/21 11:25	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		06/20/21 11:25	74-83-9	L1
2-Butanone (MEK)	ND	ug/L	20.0	1.4	1		06/20/21 11:25	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.26	1		06/20/21 11:25	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		06/20/21 11:25	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.34	1		06/20/21 11:25	108-90-7	
Chloroethane	ND	ug/L	2.0	0.72	1		06/20/21 11:25	75-00-3	
Chloroform	ND	ug/L	1.0	0.39	1		06/20/21 11:25	67-66-3	
Chloromethane	ND	ug/L	2.0	0.42	1		06/20/21 11:25	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.61	1		06/20/21 11:25	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.26	1		06/20/21 11:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.19	1		06/20/21 11:25	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		06/20/21 11:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 11:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 11:25	106-46-7	
1,1-Dichloroethane	**18.7**	ug/L	1.0	0.34	1		06/20/21 11:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.27	1		06/20/21 11:25	107-06-2	
1,1-Dichloroethene	**5.6**	ug/L	1.0	0.26	1		06/20/21 11:25	75-35-4	
cis-1,2-Dichloroethene	**1.2**	ug/L	1.0	0.36	1		06/20/21 11:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.37	1		06/20/21 11:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		06/20/21 11:25	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		06/20/21 11:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.24	1		06/20/21 11:25	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.31	1		06/20/21 11:25	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.88	1		06/20/21 11:25	591-78-6	
Methylene Chloride	ND	ug/L	5.0	0.79	1		06/20/21 11:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.81	1		06/20/21 11:25	108-10-1	
Styrene	ND	ug/L	1.0	0.32	1		06/20/21 11:25	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/20/21 11:25	79-34-5	
Tetrachloroethene	**12.1**	ug/L	1.0	0.24	1		06/20/21 11:25	127-18-4	
Toluene	ND	ug/L	1.0	0.33	1		06/20/21 11:25	108-88-3	
1,1,1-Trichloroethane	**16.0**	ug/L	1.0	0.22	1		06/20/21 11:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.25	1		06/20/21 11:25	79-00-5	
Trichloroethene	**5.7**	ug/L	1.0	0.34	1		06/20/21 11:25	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.45	1		06/20/21 11:25	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.71	1		06/20/21 11:25	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%.	78-117		1		06/20/21 11:25	460-00-4	
Dibromofluoromethane (S)	103	%.	78-120		1		06/20/21 11:25	1868-53-7	
Toluene-d8 (S)	99	%.	77-118		1		06/20/21 11:25	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290252

Sample: MW205B **Lab ID: 50290252012** Collected: 06/14/21 15:34 Received: 06/16/21 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	3.6	1		06/20/21 11:55	67-64-1	
Benzene	ND	ug/L	1.0	0.35	1		06/20/21 11:55	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.36	1		06/20/21 11:55	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.28	1		06/20/21 11:55	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		06/20/21 11:55	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		06/20/21 11:55	74-83-9	L1
2-Butanone (MEK)	ND	ug/L	20.0	1.4	1		06/20/21 11:55	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.26	1		06/20/21 11:55	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		06/20/21 11:55	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.34	1		06/20/21 11:55	108-90-7	
Chloroethane	ND	ug/L	2.0	0.72	1		06/20/21 11:55	75-00-3	
Chloroform	ND	ug/L	1.0	0.39	1		06/20/21 11:55	67-66-3	
Chloromethane	ND	ug/L	2.0	0.42	1		06/20/21 11:55	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.61	1		06/20/21 11:55	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.26	1		06/20/21 11:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.19	1		06/20/21 11:55	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		06/20/21 11:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 11:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 11:55	106-46-7	
1,1-Dichloroethane	**16.9**	ug/L	1.0	0.34	1		06/20/21 11:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.27	1		06/20/21 11:55	107-06-2	
1,1-Dichloroethene	**5.2**	ug/L	1.0	0.26	1		06/20/21 11:55	75-35-4	
cis-1,2-Dichloroethene	**0.97J**	ug/L	1.0	0.36	1		06/20/21 11:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.37	1		06/20/21 11:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		06/20/21 11:55	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		06/20/21 11:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.24	1		06/20/21 11:55	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.31	1		06/20/21 11:55	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.88	1		06/20/21 11:55	591-78-6	
Methylene Chloride	ND	ug/L	5.0	0.79	1		06/20/21 11:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.81	1		06/20/21 11:55	108-10-1	
Styrene	ND	ug/L	1.0	0.32	1		06/20/21 11:55	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/20/21 11:55	79-34-5	
Tetrachloroethene	**12.0**	ug/L	1.0	0.24	1		06/20/21 11:55	127-18-4	
Toluene	ND	ug/L	1.0	0.33	1		06/20/21 11:55	108-88-3	
1,1,1-Trichloroethane	**15.0**	ug/L	1.0	0.22	1		06/20/21 11:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.25	1		06/20/21 11:55	79-00-5	
Trichloroethene	**5.6**	ug/L	1.0	0.34	1		06/20/21 11:55	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.45	1		06/20/21 11:55	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.71	1		06/20/21 11:55	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%.	78-117		1		06/20/21 11:55	460-00-4	
Dibromofluoromethane (S)	102	%.	78-120		1		06/20/21 11:55	1868-53-7	
Toluene-d8 (S)	99	%.	77-118		1		06/20/21 11:55	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290252

Sample: MW117D **Lab ID: 50290252013** Collected: 06/14/21 16:17 Received: 06/16/21 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	3.6	1		06/20/21 12:24	67-64-1	
Benzene	ND	ug/L	1.0	0.35	1		06/20/21 12:24	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.36	1		06/20/21 12:24	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.28	1		06/20/21 12:24	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		06/20/21 12:24	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		06/20/21 12:24	74-83-9	L1
2-Butanone (MEK)	ND	ug/L	20.0	1.4	1		06/20/21 12:24	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.26	1		06/20/21 12:24	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		06/20/21 12:24	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.34	1		06/20/21 12:24	108-90-7	
Chloroethane	ND	ug/L	2.0	0.72	1		06/20/21 12:24	75-00-3	
Chloroform	ND	ug/L	1.0	0.39	1		06/20/21 12:24	67-66-3	
Chloromethane	ND	ug/L	2.0	0.42	1		06/20/21 12:24	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.61	1		06/20/21 12:24	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.26	1		06/20/21 12:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.19	1		06/20/21 12:24	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		06/20/21 12:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 12:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 12:24	106-46-7	
1,1-Dichloroethane	**14.3**	ug/L	1.0	0.34	1		06/20/21 12:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.27	1		06/20/21 12:24	107-06-2	
1,1-Dichloroethene	**4.6**	ug/L	1.0	0.26	1		06/20/21 12:24	75-35-4	
cis-1,2-Dichloroethene	**0.92J**	ug/L	1.0	0.36	1		06/20/21 12:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.37	1		06/20/21 12:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		06/20/21 12:24	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		06/20/21 12:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.24	1		06/20/21 12:24	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.31	1		06/20/21 12:24	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.88	1		06/20/21 12:24	591-78-6	
Methylene Chloride	ND	ug/L	5.0	0.79	1		06/20/21 12:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.81	1		06/20/21 12:24	108-10-1	
Styrene	ND	ug/L	1.0	0.32	1		06/20/21 12:24	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/20/21 12:24	79-34-5	
Tetrachloroethene	**9.8**	ug/L	1.0	0.24	1		06/20/21 12:24	127-18-4	
Toluene	ND	ug/L	1.0	0.33	1		06/20/21 12:24	108-88-3	
1,1,1-Trichloroethane	**16.1**	ug/L	1.0	0.22	1		06/20/21 12:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.25	1		06/20/21 12:24	79-00-5	
Trichloroethene	**5.4**	ug/L	1.0	0.34	1		06/20/21 12:24	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.45	1		06/20/21 12:24	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.71	1		06/20/21 12:24	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%.	78-117		1		06/20/21 12:24	460-00-4	
Dibromofluoromethane (S)	103	%.	78-120		1		06/20/21 12:24	1868-53-7	
Toluene-d8 (S)	99	%.	77-118		1		06/20/21 12:24	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290252

Sample: MW117C **Lab ID: 50290252014** Collected: 06/14/21 16:50 Received: 06/16/21 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	3.6	1		06/20/21 12:54	67-64-1	
Benzene	ND	ug/L	1.0	0.35	1		06/20/21 12:54	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.36	1		06/20/21 12:54	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.28	1		06/20/21 12:54	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		06/20/21 12:54	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		06/20/21 12:54	74-83-9	L1
2-Butanone (MEK)	ND	ug/L	20.0	1.4	1		06/20/21 12:54	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.26	1		06/20/21 12:54	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		06/20/21 12:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.34	1		06/20/21 12:54	108-90-7	
Chloroethane	**3.7**	ug/L	2.0	0.72	1		06/20/21 12:54	75-00-3	
Chloroform	ND	ug/L	1.0	0.39	1		06/20/21 12:54	67-66-3	
Chloromethane	ND	ug/L	2.0	0.42	1		06/20/21 12:54	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.61	1		06/20/21 12:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.26	1		06/20/21 12:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.19	1		06/20/21 12:54	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		06/20/21 12:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 12:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 12:54	106-46-7	
1,1-Dichloroethane	**11.5**	ug/L	1.0	0.34	1		06/20/21 12:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.27	1		06/20/21 12:54	107-06-2	
1,1-Dichloroethene	**2.8**	ug/L	1.0	0.26	1		06/20/21 12:54	75-35-4	
cis-1,2-Dichloroethene	**0.95J**	ug/L	1.0	0.36	1		06/20/21 12:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.37	1		06/20/21 12:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		06/20/21 12:54	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		06/20/21 12:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.24	1		06/20/21 12:54	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.31	1		06/20/21 12:54	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.88	1		06/20/21 12:54	591-78-6	
Methylene Chloride	ND	ug/L	5.0	0.79	1		06/20/21 12:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.81	1		06/20/21 12:54	108-10-1	
Styrene	ND	ug/L	1.0	0.32	1		06/20/21 12:54	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/20/21 12:54	79-34-5	
Tetrachloroethene	**4.9**	ug/L	1.0	0.24	1		06/20/21 12:54	127-18-4	
Toluene	ND	ug/L	1.0	0.33	1		06/20/21 12:54	108-88-3	
1,1,1-Trichloroethane	**8.2**	ug/L	1.0	0.22	1		06/20/21 12:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.25	1		06/20/21 12:54	79-00-5	
Trichloroethene	**2.8**	ug/L	1.0	0.34	1		06/20/21 12:54	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.45	1		06/20/21 12:54	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.71	1		06/20/21 12:54	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%.	78-117		1		06/20/21 12:54	460-00-4	
Dibromofluoromethane (S)	103	%.	78-120		1		06/20/21 12:54	1868-53-7	
Toluene-d8 (S)	98	%.	77-118		1		06/20/21 12:54	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290252

Sample: MW117B **Lab ID: 50290252015** Collected: 06/14/21 17:25 Received: 06/16/21 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	3.6	1		06/20/21 13:23	67-64-1	
Benzene	ND	ug/L	1.0	0.35	1		06/20/21 13:23	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.36	1		06/20/21 13:23	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.28	1		06/20/21 13:23	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		06/20/21 13:23	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		06/20/21 13:23	74-83-9	L1
2-Butanone (MEK)	ND	ug/L	20.0	1.4	1		06/20/21 13:23	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.26	1		06/20/21 13:23	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		06/20/21 13:23	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.34	1		06/20/21 13:23	108-90-7	
Chloroethane	ND	ug/L	2.0	0.72	1		06/20/21 13:23	75-00-3	
Chloroform	ND	ug/L	1.0	0.39	1		06/20/21 13:23	67-66-3	
Chloromethane	ND	ug/L	2.0	0.42	1		06/20/21 13:23	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.61	1		06/20/21 13:23	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.26	1		06/20/21 13:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.19	1		06/20/21 13:23	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		06/20/21 13:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 13:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 13:23	106-46-7	
1,1-Dichloroethane	**10.3**	ug/L	1.0	0.34	1		06/20/21 13:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.27	1		06/20/21 13:23	107-06-2	
1,1-Dichloroethene	**4.6**	ug/L	1.0	0.26	1		06/20/21 13:23	75-35-4	
cis-1,2-Dichloroethene	**0.94J**	ug/L	1.0	0.36	1		06/20/21 13:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.37	1		06/20/21 13:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		06/20/21 13:23	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		06/20/21 13:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.24	1		06/20/21 13:23	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.31	1		06/20/21 13:23	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.88	1		06/20/21 13:23	591-78-6	
Methylene Chloride	ND	ug/L	5.0	0.79	1		06/20/21 13:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.81	1		06/20/21 13:23	108-10-1	
Styrene	ND	ug/L	1.0	0.32	1		06/20/21 13:23	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/20/21 13:23	79-34-5	
Tetrachloroethene	**10.8**	ug/L	1.0	0.24	1		06/20/21 13:23	127-18-4	
Toluene	ND	ug/L	1.0	0.33	1		06/20/21 13:23	108-88-3	
1,1,1-Trichloroethane	**18.7**	ug/L	1.0	0.22	1		06/20/21 13:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.25	1		06/20/21 13:23	79-00-5	
Trichloroethene	**6.3**	ug/L	1.0	0.34	1		06/20/21 13:23	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.45	1		06/20/21 13:23	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.71	1		06/20/21 13:23	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%.	78-117		1		06/20/21 13:23	460-00-4	
Dibromofluoromethane (S)	102	%.	78-120		1		06/20/21 13:23	1868-53-7	
Toluene-d8 (S)	98	%.	77-118		1		06/20/21 13:23	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290252

Sample: MW47 **Lab ID: 50290252016** Collected: 06/15/21 11:26 Received: 06/16/21 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	3.6	1		06/20/21 13:53	67-64-1	
Benzene	ND	ug/L	1.0	0.35	1		06/20/21 13:53	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.36	1		06/20/21 13:53	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.28	1		06/20/21 13:53	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		06/20/21 13:53	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		06/20/21 13:53	74-83-9	L1
2-Butanone (MEK)	ND	ug/L	20.0	1.4	1		06/20/21 13:53	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.26	1		06/20/21 13:53	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		06/20/21 13:53	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.34	1		06/20/21 13:53	108-90-7	
Chloroethane	ND	ug/L	2.0	0.72	1		06/20/21 13:53	75-00-3	
Chloroform	ND	ug/L	1.0	0.39	1		06/20/21 13:53	67-66-3	
Chloromethane	ND	ug/L	2.0	0.42	1		06/20/21 13:53	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.61	1		06/20/21 13:53	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.26	1		06/20/21 13:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.19	1		06/20/21 13:53	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		06/20/21 13:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 13:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 13:53	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	0.34	1		06/20/21 13:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.27	1		06/20/21 13:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.26	1		06/20/21 13:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.36	1		06/20/21 13:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.37	1		06/20/21 13:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		06/20/21 13:53	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		06/20/21 13:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.24	1		06/20/21 13:53	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.31	1		06/20/21 13:53	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.88	1		06/20/21 13:53	591-78-6	
Methylene Chloride	ND	ug/L	5.0	0.79	1		06/20/21 13:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.81	1		06/20/21 13:53	108-10-1	
Styrene	ND	ug/L	1.0	0.32	1		06/20/21 13:53	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/20/21 13:53	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.24	1		06/20/21 13:53	127-18-4	
Toluene	ND	ug/L	1.0	0.33	1		06/20/21 13:53	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.22	1		06/20/21 13:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.25	1		06/20/21 13:53	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.34	1		06/20/21 13:53	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.45	1		06/20/21 13:53	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.71	1		06/20/21 13:53	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%.	78-117		1		06/20/21 13:53	460-00-4	
Dibromofluoromethane (S)	102	%.	78-120		1		06/20/21 13:53	1868-53-7	
Toluene-d8 (S)	99	%.	77-118		1		06/20/21 13:53	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290252

Sample: MW207 **Lab ID: 50290252017** Collected: 06/15/21 12:20 Received: 06/16/21 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	3.6	1		06/20/21 14:22	67-64-1	
Benzene	ND	ug/L	1.0	0.35	1		06/20/21 14:22	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.36	1		06/20/21 14:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.28	1		06/20/21 14:22	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		06/20/21 14:22	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		06/20/21 14:22	74-83-9	L1
2-Butanone (MEK)	ND	ug/L	20.0	1.4	1		06/20/21 14:22	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.26	1		06/20/21 14:22	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		06/20/21 14:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.34	1		06/20/21 14:22	108-90-7	
Chloroethane	ND	ug/L	2.0	0.72	1		06/20/21 14:22	75-00-3	
Chloroform	ND	ug/L	1.0	0.39	1		06/20/21 14:22	67-66-3	
Chloromethane	ND	ug/L	2.0	0.42	1		06/20/21 14:22	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.61	1		06/20/21 14:22	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.26	1		06/20/21 14:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.19	1		06/20/21 14:22	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		06/20/21 14:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 14:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/21 14:22	106-46-7	
1,1-Dichloroethane	**2.3**	ug/L	1.0	0.34	1		06/20/21 14:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.27	1		06/20/21 14:22	107-06-2	
1,1-Dichloroethene	**0.47J**	ug/L	1.0	0.26	1		06/20/21 14:22	75-35-4	
cis-1,2-Dichloroethene	**0.64J**	ug/L	1.0	0.36	1		06/20/21 14:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.37	1		06/20/21 14:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		06/20/21 14:22	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		06/20/21 14:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.24	1		06/20/21 14:22	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.31	1		06/20/21 14:22	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.88	1		06/20/21 14:22	591-78-6	
Methylene Chloride	ND	ug/L	5.0	0.79	1		06/20/21 14:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.81	1		06/20/21 14:22	108-10-1	
Styrene	ND	ug/L	1.0	0.32	1		06/20/21 14:22	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/20/21 14:22	79-34-5	
Tetrachloroethene	**1.8**	ug/L	1.0	0.24	1		06/20/21 14:22	127-18-4	
Toluene	ND	ug/L	1.0	0.33	1		06/20/21 14:22	108-88-3	
1,1,1-Trichloroethane	**2.8**	ug/L	1.0	0.22	1		06/20/21 14:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.25	1		06/20/21 14:22	79-00-5	
Trichloroethene	**2.2**	ug/L	1.0	0.34	1		06/20/21 14:22	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.45	1		06/20/21 14:22	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.71	1		06/20/21 14:22	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%.	78-117		1		06/20/21 14:22	460-00-4	
Dibromofluoromethane (S)	102	%.	78-120		1		06/20/21 14:22	1868-53-7	
Toluene-d8 (S)	99	%.	77-118		1		06/20/21 14:22	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290252

Sample: MW119 **Lab ID: 50290252018** Collected: 06/15/21 13:03 Received: 06/16/21 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	3.6	1		06/21/21 18:55	67-64-1	
Benzene	ND	ug/L	1.0	0.35	1		06/21/21 18:55	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.36	1		06/21/21 18:55	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.28	1		06/21/21 18:55	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		06/21/21 18:55	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		06/21/21 18:55	74-83-9	L1
2-Butanone (MEK)	ND	ug/L	20.0	1.4	1		06/21/21 18:55	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.26	1		06/21/21 18:55	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		06/21/21 18:55	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.34	1		06/21/21 18:55	108-90-7	
Chloroethane	ND	ug/L	2.0	0.72	1		06/21/21 18:55	75-00-3	
Chloroform	ND	ug/L	1.0	0.39	1		06/21/21 18:55	67-66-3	
Chloromethane	ND	ug/L	2.0	0.42	1		06/21/21 18:55	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.61	1		06/21/21 18:55	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.26	1		06/21/21 18:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.19	1		06/21/21 18:55	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		06/21/21 18:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/21 18:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/21 18:55	106-46-7	
1,1-Dichloroethane	**1.2**	ug/L	1.0	0.34	1		06/21/21 18:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.27	1		06/21/21 18:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.26	1		06/21/21 18:55	75-35-4	
cis-1,2-Dichloroethene	**0.37J**	ug/L	1.0	0.36	1		06/21/21 18:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.37	1		06/21/21 18:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		06/21/21 18:55	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		06/21/21 18:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.24	1		06/21/21 18:55	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.31	1		06/21/21 18:55	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.88	1		06/21/21 18:55	591-78-6	
Methylene Chloride	ND	ug/L	5.0	0.79	1		06/21/21 18:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.81	1		06/21/21 18:55	108-10-1	
Styrene	ND	ug/L	1.0	0.32	1		06/21/21 18:55	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/21/21 18:55	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.24	1		06/21/21 18:55	127-18-4	
Toluene	ND	ug/L	1.0	0.33	1		06/21/21 18:55	108-88-3	
1,1,1-Trichloroethane	**2.0**	ug/L	1.0	0.22	1		06/21/21 18:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.25	1		06/21/21 18:55	79-00-5	
Trichloroethene	**1.1**	ug/L	1.0	0.34	1		06/21/21 18:55	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.45	1		06/21/21 18:55	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.71	1		06/21/21 18:55	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%.	78-117		1		06/21/21 18:55	460-00-4	
Dibromofluoromethane (S)	103	%.	78-120		1		06/21/21 18:55	1868-53-7	
Toluene-d8 (S)	98	%.	77-118		1		06/21/21 18:55	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290252

Sample: MW136 **Lab ID: 50290252019** Collected: 06/15/21 14:12 Received: 06/16/21 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	3.6	1		06/21/21 19:24	67-64-1	
Benzene	ND	ug/L	1.0	0.35	1		06/21/21 19:24	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.36	1		06/21/21 19:24	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.28	1		06/21/21 19:24	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		06/21/21 19:24	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		06/21/21 19:24	74-83-9	L1
2-Butanone (MEK)	ND	ug/L	20.0	1.4	1		06/21/21 19:24	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.26	1		06/21/21 19:24	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		06/21/21 19:24	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.34	1		06/21/21 19:24	108-90-7	
Chloroethane	ND	ug/L	2.0	0.72	1		06/21/21 19:24	75-00-3	
Chloroform	**0.55J**	ug/L	1.0	0.39	1		06/21/21 19:24	67-66-3	
Chloromethane	ND	ug/L	2.0	0.42	1		06/21/21 19:24	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.61	1		06/21/21 19:24	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.26	1		06/21/21 19:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.19	1		06/21/21 19:24	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		06/21/21 19:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/21 19:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/21 19:24	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	0.34	1		06/21/21 19:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.27	1		06/21/21 19:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.26	1		06/21/21 19:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.36	1		06/21/21 19:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.37	1		06/21/21 19:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		06/21/21 19:24	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		06/21/21 19:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.24	1		06/21/21 19:24	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.31	1		06/21/21 19:24	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.88	1		06/21/21 19:24	591-78-6	
Methylene Chloride	ND	ug/L	5.0	0.79	1		06/21/21 19:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.81	1		06/21/21 19:24	108-10-1	
Styrene	ND	ug/L	1.0	0.32	1		06/21/21 19:24	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/21/21 19:24	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.24	1		06/21/21 19:24	127-18-4	
Toluene	ND	ug/L	1.0	0.33	1		06/21/21 19:24	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.22	1		06/21/21 19:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.25	1		06/21/21 19:24	79-00-5	
Trichloroethene	**0.47J**	ug/L	1.0	0.34	1		06/21/21 19:24	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.45	1		06/21/21 19:24	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.71	1		06/21/21 19:24	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%.	78-117		1		06/21/21 19:24	460-00-4	
Dibromofluoromethane (S)	103	%.	78-120		1		06/21/21 19:24	1868-53-7	
Toluene-d8 (S)	98	%.	77-118		1		06/21/21 19:24	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290252

Sample: MW200 **Lab ID: 50290252020** Collected: 06/15/21 14:54 Received: 06/16/21 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	3.6	1		06/21/21 19:54	67-64-1	
Benzene	ND	ug/L	1.0	0.35	1		06/21/21 19:54	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.36	1		06/21/21 19:54	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.28	1		06/21/21 19:54	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		06/21/21 19:54	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		06/21/21 19:54	74-83-9	L1
2-Butanone (MEK)	ND	ug/L	20.0	1.4	1		06/21/21 19:54	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.26	1		06/21/21 19:54	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		06/21/21 19:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.34	1		06/21/21 19:54	108-90-7	
Chloroethane	ND	ug/L	2.0	0.72	1		06/21/21 19:54	75-00-3	
Chloroform	ND	ug/L	1.0	0.39	1		06/21/21 19:54	67-66-3	
Chloromethane	ND	ug/L	2.0	0.42	1		06/21/21 19:54	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.61	1		06/21/21 19:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.26	1		06/21/21 19:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.19	1		06/21/21 19:54	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		06/21/21 19:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/21 19:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/21 19:54	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	0.34	1		06/21/21 19:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.27	1		06/21/21 19:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.26	1		06/21/21 19:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.36	1		06/21/21 19:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.37	1		06/21/21 19:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		06/21/21 19:54	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		06/21/21 19:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.24	1		06/21/21 19:54	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.31	1		06/21/21 19:54	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.88	1		06/21/21 19:54	591-78-6	
Methylene Chloride	ND	ug/L	5.0	0.79	1		06/21/21 19:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.81	1		06/21/21 19:54	108-10-1	
Styrene	ND	ug/L	1.0	0.32	1		06/21/21 19:54	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/21/21 19:54	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.24	1		06/21/21 19:54	127-18-4	
Toluene	ND	ug/L	1.0	0.33	1		06/21/21 19:54	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.22	1		06/21/21 19:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.25	1		06/21/21 19:54	79-00-5	
Trichloroethene	**0.48J**	ug/L	1.0	0.34	1		06/21/21 19:54	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.45	1		06/21/21 19:54	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.71	1		06/21/21 19:54	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%.	78-117		1		06/21/21 19:54	460-00-4	
Dibromofluoromethane (S)	102	%.	78-120		1		06/21/21 19:54	1868-53-7	
Toluene-d8 (S)	98	%.	77-118		1		06/21/21 19:54	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50290252

Sample: MW130 **Lab ID: 50290252022** Collected: 06/15/21 15:48 Received: 06/16/21 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	3.6	1		06/21/21 20:23	67-64-1	
Benzene	ND	ug/L	1.0	0.35	1		06/21/21 20:23	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.36	1		06/21/21 20:23	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.28	1		06/21/21 20:23	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		06/21/21 20:23	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		06/21/21 20:23	74-83-9	L1
2-Butanone (MEK)	ND	ug/L	20.0	1.4	1		06/21/21 20:23	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.26	1		06/21/21 20:23	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		06/21/21 20:23	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.34	1		06/21/21 20:23	108-90-7	
Chloroethane	ND	ug/L	2.0	0.72	1		06/21/21 20:23	75-00-3	
Chloroform	ND	ug/L	1.0	0.39	1		06/21/21 20:23	67-66-3	
Chloromethane	ND	ug/L	2.0	0.42	1		06/21/21 20:23	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.61	1		06/21/21 20:23	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.26	1		06/21/21 20:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.19	1		06/21/21 20:23	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		06/21/21 20:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/21 20:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/21 20:23	106-46-7	
1,1-Dichloroethane	**3.2**	ug/L	1.0	0.34	1		06/21/21 20:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.27	1		06/21/21 20:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.26	1		06/21/21 20:23	75-35-4	
cis-1,2-Dichloroethene	**0.44J**	ug/L	1.0	0.36	1		06/21/21 20:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.37	1		06/21/21 20:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		06/21/21 20:23	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		06/21/21 20:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.24	1		06/21/21 20:23	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.31	1		06/21/21 20:23	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.88	1		06/21/21 20:23	591-78-6	
Methylene Chloride	ND	ug/L	5.0	0.79	1		06/21/21 20:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.81	1		06/21/21 20:23	108-10-1	
Styrene	ND	ug/L	1.0	0.32	1		06/21/21 20:23	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.14	1		06/21/21 20:23	79-34-5	
Tetrachloroethene	**0.32J**	ug/L	1.0	0.24	1		06/21/21 20:23	127-18-4	
Toluene	ND	ug/L	1.0	0.33	1		06/21/21 20:23	108-88-3	
1,1,1-Trichloroethane	**2.6**	ug/L	1.0	0.22	1		06/21/21 20:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.25	1		06/21/21 20:23	79-00-5	
Trichloroethene	**1.2**	ug/L	1.0	0.34	1		06/21/21 20:23	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.45	1		06/21/21 20:23	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.71	1		06/21/21 20:23	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%.	78-117		1		06/21/21 20:23	460-00-4	
Dibromofluoromethane (S)	102	%.	78-120		1		06/21/21 20:23	1868-53-7	
Toluene-d8 (S)	98	%.	77-118		1		06/21/21 20:23	2037-26-5	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50290252

QC Batch: 627116
QC Batch Method: EPA 5030B/8260
Analysis Method: EPA 5030B/8260
Analysis Description: 8260 MSV Low Level
Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50290252001, 50290252002, 50290252003, 50290252004, 50290252005, 50290252006, 50290252007, 50290252008, 50290252009, 50290252010, 50290252011, 50290252012, 50290252013, 50290252014, 50290252015, 50290252016, 50290252017

METHOD BLANK: 2889984
Matrix: Water

Associated Lab Samples: 50290252001, 50290252002, 50290252003, 50290252004, 50290252005, 50290252006, 50290252007, 50290252008, 50290252009, 50290252010, 50290252011, 50290252012, 50290252013, 50290252014, 50290252015, 50290252016, 50290252017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	0.22	06/20/21 05:03	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.14	06/20/21 05:03	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.25	06/20/21 05:03	
1,1-Dichloroethane	ug/L	ND	1.0	0.34	06/20/21 05:03	
1,1-Dichloroethene	ug/L	ND	1.0	0.26	06/20/21 05:03	
1,2-Dibromo-3-chloropropane	ug/L	ND	10.0	0.61	06/20/21 05:03	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.19	06/20/21 05:03	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.28	06/20/21 05:03	
1,2-Dichloroethane	ug/L	ND	1.0	0.27	06/20/21 05:03	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	06/20/21 05:03	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.33	06/20/21 05:03	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	06/20/21 05:03	
2-Butanone (MEK)	ug/L	ND	20.0	1.4	06/20/21 05:03	
2-Hexanone	ug/L	ND	20.0	0.88	06/20/21 05:03	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20.0	0.81	06/20/21 05:03	
Acetone	ug/L	ND	20.0	3.6	06/20/21 05:03	
Benzene	ug/L	ND	1.0	0.35	06/20/21 05:03	
Bromochloromethane	ug/L	ND	1.0	0.36	06/20/21 05:03	
Bromodichloromethane	ug/L	ND	1.0	0.28	06/20/21 05:03	
Bromoform	ug/L	ND	1.0	0.21	06/20/21 05:03	
Bromomethane	ug/L	ND	5.0	0.46	06/20/21 05:03	
Carbon disulfide	ug/L	ND	5.0	0.26	06/20/21 05:03	
Carbon tetrachloride	ug/L	ND	1.0	0.22	06/20/21 05:03	
Chlorobenzene	ug/L	ND	1.0	0.34	06/20/21 05:03	
Chloroethane	ug/L	ND	2.0	0.72	06/20/21 05:03	
Chloroform	ug/L	ND	1.0	0.39	06/20/21 05:03	
Chloromethane	ug/L	ND	2.0	0.42	06/20/21 05:03	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.36	06/20/21 05:03	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.31	06/20/21 05:03	
Dibromochloromethane	ug/L	ND	1.0	0.26	06/20/21 05:03	
Ethylbenzene	ug/L	ND	1.0	0.31	06/20/21 05:03	
Methylene Chloride	ug/L	ND	5.0	0.79	06/20/21 05:03	
Styrene	ug/L	ND	1.0	0.32	06/20/21 05:03	
Tetrachloroethene	ug/L	ND	1.0	0.24	06/20/21 05:03	
Toluene	ug/L	ND	1.0	0.33	06/20/21 05:03	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.37	06/20/21 05:03	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.24	06/20/21 05:03	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50290252

METHOD BLANK: 2889984 Matrix: Water

Associated Lab Samples: 50290252001, 50290252002, 50290252003, 50290252004, 50290252005, 50290252006, 50290252007, 50290252008, 50290252009, 50290252010, 50290252011, 50290252012, 50290252013, 50290252014, 50290252015, 50290252016, 50290252017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Trichloroethene	ug/L	ND	1.0	0.34	06/20/21 05:03	
Vinyl chloride	ug/L	ND	1.0	0.45	06/20/21 05:03	
Xylene (Total)	ug/L	ND	3.0	0.71	06/20/21 05:03	
4-Bromofluorobenzene (S)	%.	99	78-117		06/20/21 05:03	
Dibromofluoromethane (S)	%.	102	78-120		06/20/21 05:03	
Toluene-d8 (S)	%.	98	77-118		06/20/21 05:03	

LABORATORY CONTROL SAMPLE: 2889985

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	51.1	102	73-132	
1,1,2,2-Tetrachloroethane	ug/L	50	52.0	104	65-131	
1,1,2-Trichloroethane	ug/L	50	51.3	103	74-127	
1,1-Dichloroethane	ug/L	50	51.6	103	73-133	
1,1-Dichloroethene	ug/L	50	48.4	97	67-136	
1,2-Dibromo-3-chloropropane	ug/L	50	50.1	100	71-133	
1,2-Dibromoethane (EDB)	ug/L	50	53.8	108	76-126	
1,2-Dichlorobenzene	ug/L	50	53.5	107	75-114	
1,2-Dichloroethane	ug/L	50	53.7	107	69-135	
1,2-Dichloropropane	ug/L	50	55.7	111	78-134	
1,3-Dichlorobenzene	ug/L	50	53.0	106	70-119	
1,4-Dichlorobenzene	ug/L	50	50.7	101	69-117	
2-Butanone (MEK)	ug/L	250	285	114	56-164	
2-Hexanone	ug/L	250	254	102	63-137	
4-Methyl-2-pentanone (MIBK)	ug/L	250	249	100	64-134	
Acetone	ug/L	250	233	93	46-140	
Benzene	ug/L	50	52.4	105	77-128	
Bromochloromethane	ug/L	50	51.9	104	71-124	
Bromodichloromethane	ug/L	50	52.7	105	70-124	
Bromoform	ug/L	50	49.8	100	65-116	
Bromomethane	ug/L	50	126	252	10-200	L1
Carbon disulfide	ug/L	50	42.8	86	70-131	
Carbon tetrachloride	ug/L	50	54.4	109	61-139	
Chlorobenzene	ug/L	50	51.1	102	76-124	
Chloroethane	ug/L	50	53.2	106	56-142	
Chloroform	ug/L	50	48.9	98	77-120	
Chloromethane	ug/L	50	32.4	65	29-141	
cis-1,2-Dichloroethene	ug/L	50	49.6	99	72-127	
cis-1,3-Dichloropropene	ug/L	50	49.0	98	71-131	
Dibromochloromethane	ug/L	50	52.3	105	69-132	
Ethylbenzene	ug/L	50	50.6	101	76-119	
Methylene Chloride	ug/L	50	50.5	101	72-129	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50290252

LABORATORY CONTROL SAMPLE: 2889985

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Styrene	ug/L	50	51.8	104	66-123	
Tetrachloroethene	ug/L	50	54.2	108	70-124	
Toluene	ug/L	50	50.2	100	72-117	
trans-1,2-Dichloroethene	ug/L	50	48.9	98	75-133	
trans-1,3-Dichloropropene	ug/L	50	51.4	103	75-111	
Trichloroethene	ug/L	50	51.8	104	75-130	
Vinyl chloride	ug/L	50	35.7	71	51-140	
Xylene (Total)	ug/L	150	156	104	73-117	
4-Bromofluorobenzene (S)	%.			99	78-117	
Dibromofluoromethane (S)	%.			103	78-120	
Toluene-d8 (S)	%.			98	77-118	

MATRIX SPIKE SAMPLE: 2889986

Parameter	Units	50290252001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	50	57.9	116	53-161	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	54.7	109	58-134	
1,1,2-Trichloroethane	ug/L	ND	50	55.8	112	60-141	
1,1-Dichloroethane	ug/L	ND	50	56.8	114	67-140	
1,1-Dichloroethene	ug/L	ND	50	54.5	109	59-154	
1,2-Dibromo-3-chloropropane	ug/L	ND	50	50.8	102	56-137	
1,2-Dibromoethane (EDB)	ug/L	ND	50	58.0	116	54-144	
1,2-Dichlorobenzene	ug/L	ND	50	55.4	111	17-145	
1,2-Dichloroethane	ug/L	ND	50	56.6	113	66-130	
1,2-Dichloropropane	ug/L	ND	50	60.1	120	65-136	
1,3-Dichlorobenzene	ug/L	ND	50	53.7	107	10-146	
1,4-Dichlorobenzene	ug/L	ND	50	51.8	104	17-141	
2-Butanone (MEK)	ug/L	ND	250	298	119	49-173	
2-Hexanone	ug/L	ND	250	268	107	57-142	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	265	106	59-139	
Acetone	ug/L	ND	250	243	97	44-171	
Benzene	ug/L	ND	50	56.7	113	69-128	
Bromochloromethane	ug/L	ND	50	56.7	113	58-138	
Bromodichloromethane	ug/L	ND	50	57.7	115	51-138	
Bromoform	ug/L	ND	50	52.9	106	43-130	
Bromomethane	ug/L	ND	50	128	255	10-195	M0
Carbon disulfide	ug/L	ND	50	47.0	94	37-149	
Carbon tetrachloride	ug/L	ND	50	61.6	123	39-155	
Chlorobenzene	ug/L	ND	50	55.1	110	28-147	
Chloroethane	ug/L	ND	50	60.1	120	58-158	
Chloroform	ug/L	ND	50	54.2	108	54-141	
Chloromethane	ug/L	ND	50	35.6	71	41-145	
cis-1,2-Dichloroethene	ug/L	ND	50	54.1	108	45-150	
cis-1,3-Dichloropropene	ug/L	ND	50	53.0	106	42-139	
Dibromochloromethane	ug/L	ND	50	56.4	113	48-139	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50290252

MATRIX SPIKE SAMPLE: 2889986

Parameter	Units	50290252001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/L	ND	50	55.0	110	36-144	
Methylene Chloride	ug/L	ND	50	52.3	105	58-136	
Styrene	ug/L	ND	50	55.2	110	19-143	
Tetrachloroethene	ug/L	4.2	50	60.0	112	26-148	
Toluene	ug/L	ND	50	54.8	110	46-134	
trans-1,2-Dichloroethene	ug/L	ND	50	53.9	108	43-155	
trans-1,3-Dichloropropene	ug/L	ND	50	55.2	110	39-132	
Trichloroethene	ug/L	ND	50	57.1	114	35-151	
Vinyl chloride	ug/L	ND	50	41.2	82	59-146	
Xylene (Total)	ug/L	ND	150	169	113	32-140	
4-Bromofluorobenzene (S)	%.				100	78-117	
Dibromofluoromethane (S)	%.				103	78-120	
Toluene-d8 (S)	%.				98	77-118	

SAMPLE DUPLICATE: 2889987

Parameter	Units	50290252002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	ND		20	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		20	
1,1,2-Trichloroethane	ug/L	ND	ND		20	
1,1-Dichloroethane	ug/L	ND	ND		20	
1,1-Dichloroethene	ug/L	ND	ND		20	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		20	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		20	
1,2-Dichlorobenzene	ug/L	ND	ND		20	
1,2-Dichloroethane	ug/L	ND	ND		20	
1,2-Dichloropropane	ug/L	ND	ND		20	
1,3-Dichlorobenzene	ug/L	ND	ND		20	
1,4-Dichlorobenzene	ug/L	ND	ND		20	
2-Butanone (MEK)	ug/L	ND	ND		20	
2-Hexanone	ug/L	ND	ND		20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		20	
Acetone	ug/L	ND	ND		20	
Benzene	ug/L	ND	ND		20	
Bromochloromethane	ug/L	ND	ND		20	
Bromodichloromethane	ug/L	ND	ND		20	
Bromoform	ug/L	ND	ND		20	
Bromomethane	ug/L	ND	ND		20	
Carbon disulfide	ug/L	ND	ND		20	
Carbon tetrachloride	ug/L	ND	ND		20	
Chlorobenzene	ug/L	ND	ND		20	
Chloroethane	ug/L	ND	ND		20	
Chloroform	ug/L	ND	ND		20	
Chloromethane	ug/L	ND	ND		20	
cis-1,2-Dichloroethene	ug/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50290252

SAMPLE DUPLICATE: 2889987

Parameter	Units	50290252002 Result	Dup Result	RPD	Max RPD	Qualifiers
cis-1,3-Dichloropropene	ug/L	ND	ND		20	
Dibromochloromethane	ug/L	ND	ND		20	
Ethylbenzene	ug/L	ND	ND		20	
Methylene Chloride	ug/L	ND	ND		20	
Styrene	ug/L	ND	ND		20	
Tetrachloroethene	ug/L	0.43J	0.50J		20	
Toluene	ug/L	ND	ND		20	
trans-1,2-Dichloroethene	ug/L	ND	ND		20	
trans-1,3-Dichloropropene	ug/L	ND	ND		20	
Trichloroethene	ug/L	ND	ND		20	
Vinyl chloride	ug/L	ND	ND		20	
Xylene (Total)	ug/L	ND	ND		20	
4-Bromofluorobenzene (S)	%.	100	100			
Dibromofluoromethane (S)	%.	101	103			
Toluene-d8 (S)	%.	99	99			

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50290252

QC Batch: 627264
QC Batch Method: EPA 5030B/8260
Analysis Method: EPA 5030B/8260
Analysis Description: 8260 MSV Low Level
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50290252018, 50290252019, 50290252020, 50290252022

METHOD BLANK: 2890408
Matrix: Water
Associated Lab Samples: 50290252018, 50290252019, 50290252020, 50290252022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	0.22	06/21/21 14:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.14	06/21/21 14:30	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.25	06/21/21 14:30	
1,1-Dichloroethane	ug/L	ND	1.0	0.34	06/21/21 14:30	
1,1-Dichloroethene	ug/L	ND	1.0	0.26	06/21/21 14:30	
1,2-Dibromo-3-chloropropane	ug/L	ND	10.0	0.61	06/21/21 14:30	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.19	06/21/21 14:30	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.28	06/21/21 14:30	
1,2-Dichloroethane	ug/L	ND	1.0	0.27	06/21/21 14:30	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	06/21/21 14:30	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.33	06/21/21 14:30	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	06/21/21 14:30	
2-Butanone (MEK)	ug/L	ND	20.0	1.4	06/21/21 14:30	
2-Hexanone	ug/L	ND	20.0	0.88	06/21/21 14:30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20.0	0.81	06/21/21 14:30	
Acetone	ug/L	ND	20.0	3.6	06/21/21 14:30	
Benzene	ug/L	ND	1.0	0.35	06/21/21 14:30	
Bromochloromethane	ug/L	ND	1.0	0.36	06/21/21 14:30	
Bromodichloromethane	ug/L	ND	1.0	0.28	06/21/21 14:30	
Bromoform	ug/L	ND	1.0	0.21	06/21/21 14:30	
Bromomethane	ug/L	ND	5.0	0.46	06/21/21 14:30	
Carbon disulfide	ug/L	ND	5.0	0.26	06/21/21 14:30	
Carbon tetrachloride	ug/L	ND	1.0	0.22	06/21/21 14:30	
Chlorobenzene	ug/L	ND	1.0	0.34	06/21/21 14:30	
Chloroethane	ug/L	ND	2.0	0.72	06/21/21 14:30	
Chloroform	ug/L	ND	1.0	0.39	06/21/21 14:30	
Chloromethane	ug/L	ND	2.0	0.42	06/21/21 14:30	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.36	06/21/21 14:30	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.31	06/21/21 14:30	
Dibromochloromethane	ug/L	ND	1.0	0.26	06/21/21 14:30	
Ethylbenzene	ug/L	ND	1.0	0.31	06/21/21 14:30	
Methylene Chloride	ug/L	ND	5.0	0.79	06/21/21 14:30	
Styrene	ug/L	ND	1.0	0.32	06/21/21 14:30	
Tetrachloroethene	ug/L	ND	1.0	0.24	06/21/21 14:30	
Toluene	ug/L	ND	1.0	0.33	06/21/21 14:30	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.37	06/21/21 14:30	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.24	06/21/21 14:30	
Trichloroethene	ug/L	ND	1.0	0.34	06/21/21 14:30	
Vinyl chloride	ug/L	ND	1.0	0.45	06/21/21 14:30	
Xylene (Total)	ug/L	ND	3.0	0.71	06/21/21 14:30	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50290252

METHOD BLANK: 2890408 Matrix: Water
Associated Lab Samples: 50290252018, 50290252019, 50290252020, 50290252022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
4-Bromofluorobenzene (S)	%.	98	78-117		06/21/21 14:30	
Dibromofluoromethane (S)	%.	102	78-120		06/21/21 14:30	
Toluene-d8 (S)	%.	99	77-118		06/21/21 14:30	

LABORATORY CONTROL SAMPLE: 2890409

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	50.4	101	73-132	
1,1,2,2-Tetrachloroethane	ug/L	50	48.7	97	65-131	
1,1,2-Trichloroethane	ug/L	50	48.8	98	74-127	
1,1-Dichloroethane	ug/L	50	50.7	101	73-133	
1,1-Dichloroethene	ug/L	50	47.8	96	67-136	
1,2-Dibromo-3-chloropropane	ug/L	50	46.3	93	71-133	
1,2-Dibromoethane (EDB)	ug/L	50	51.4	103	76-126	
1,2-Dichlorobenzene	ug/L	50	50.7	101	75-114	
1,2-Dichloroethane	ug/L	50	51.2	102	69-135	
1,2-Dichloropropane	ug/L	50	53.7	107	78-134	
1,3-Dichlorobenzene	ug/L	50	51.8	104	70-119	
1,4-Dichlorobenzene	ug/L	50	49.6	99	69-117	
2-Butanone (MEK)	ug/L	250	257	103	56-164	
2-Hexanone	ug/L	250	233	93	63-137	
4-Methyl-2-pentanone (MIBK)	ug/L	250	230	92	64-134	
Acetone	ug/L	250	203	81	46-140	
Benzene	ug/L	50	50.6	101	77-128	
Bromochloromethane	ug/L	50	48.4	97	71-124	
Bromodichloromethane	ug/L	50	51.1	102	70-124	
Bromoform	ug/L	50	46.5	93	65-116	
Bromomethane	ug/L	50	137	274	10-200	L1
Carbon disulfide	ug/L	50	43.3	87	70-131	
Carbon tetrachloride	ug/L	50	54.0	108	61-139	
Chlorobenzene	ug/L	50	49.7	99	76-124	
Chloroethane	ug/L	50	51.5	103	56-142	
Chloroform	ug/L	50	47.7	95	77-120	
Chloromethane	ug/L	50	31.4	63	29-141	
cis-1,2-Dichloroethene	ug/L	50	48.5	97	72-127	
cis-1,3-Dichloropropene	ug/L	50	48.8	98	71-131	
Dibromochloromethane	ug/L	50	48.8	98	69-132	
Ethylbenzene	ug/L	50	49.9	100	76-119	
Methylene Chloride	ug/L	50	47.9	96	72-129	
Styrene	ug/L	50	49.4	99	66-123	
Tetrachloroethene	ug/L	50	52.7	105	70-124	
Toluene	ug/L	50	49.0	98	72-117	
trans-1,2-Dichloroethene	ug/L	50	48.7	97	75-133	
trans-1,3-Dichloropropene	ug/L	50	51.2	102	75-111	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50290252

LABORATORY CONTROL SAMPLE: 2890409

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichloroethene	ug/L	50	51.0	102	75-130	
Vinyl chloride	ug/L	50	35.6	71	51-140	
Xylene (Total)	ug/L	150	152	102	73-117	
4-Bromofluorobenzene (S)	%.			98	78-117	
Dibromofluoromethane (S)	%.			103	78-120	
Toluene-d8 (S)	%.			97	77-118	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2890410 2890411

Parameter	Units	50290033004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	12300	5000	5000	18700	17600	129	108	53-161	6	20	
1,1,2,2-Tetrachloroethane	ug/L	<14.4	5000	5000	5410	5690	108	114	58-134	5	20	
1,1,2-Trichloroethane	ug/L	<24.9	5000	5000	5540	5720	111	114	60-141	3	20	
1,1-Dichloroethane	ug/L	485	5000	5000	6230	6220	115	115	67-140	0	20	
1,1-Dichloroethene	ug/L	90.5J	5000	5000	5480	5530	108	109	59-154	1	20	
1,2-Dibromo-3-chloropropane	ug/L	<60.9	5000	5000	5060	5470	101	109	56-137	8	20	
1,2-Dibromoethane (EDB)	ug/L	<19.1	5000	5000	5760	5940	115	119	54-144	3	20	
1,2-Dichlorobenzene	ug/L	<27.9	5000	5000	5620	5720	112	114	17-145	2	20	
1,2-Dichloroethane	ug/L	<27.1	5000	5000	5730	5740	115	115	66-130	0	20	
1,2-Dichloropropane	ug/L	<35.8	5000	5000	6060	6090	121	122	65-136	0	20	
1,3-Dichlorobenzene	ug/L	<32.8	5000	5000	5520	5630	110	113	10-146	2	20	
1,4-Dichlorobenzene	ug/L	<33.1	5000	5000	5320	5460	106	109	17-141	3	20	
2-Butanone (MEK)	ug/L	<141	25000	25000	29200	28100	117	112	49-173	4	20	
2-Hexanone	ug/L	<87.7	25000	25000	25700	27600	103	110	57-142	7	20	
4-Methyl-2-pentanone (MIBK)	ug/L	<81.2	25000	25000	25600	27200	102	109	59-139	6	20	
Acetone	ug/L	<365	25000	25000	22600	24600	90	98	44-171	8	20	
Benzene	ug/L	<34.8	5000	5000	5710	5760	114	115	69-128	1	20	
Bromochloromethane	ug/L	<36.4	5000	5000	5380	5330	108	107	58-138	1	20	
Bromodichloromethane	ug/L	<28.2	5000	5000	5780	5820	116	116	51-138	1	20	
Bromoform	ug/L	<20.6	5000	5000	5160	5440	103	109	43-130	5	20	
Bromomethane	ug/L	<46.3	5000	5000	12200	12900	245	258	10-195	5	20	M0
Carbon disulfide	ug/L	<26.2	5000	5000	4640	4520	93	90	37-149	3	20	
Carbon tetrachloride	ug/L	<22.5	5000	5000	6230	6280	125	126	39-155	1	20	
Chlorobenzene	ug/L	<33.9	5000	5000	5600	5610	112	112	28-147	0	20	
Chloroethane	ug/L	<71.5	5000	5000	5690	5680	114	114	58-158	0	20	
Chloroform	ug/L	<39.4	5000	5000	5400	5420	108	108	54-141	0	20	
Chloromethane	ug/L	<41.6	5000	5000	3440	3320	69	66	41-145	4	20	
cis-1,2-Dichloroethene	ug/L	13500	5000	5000	19100	18200	112	94	45-150	5	20	
cis-1,3-Dichloropropene	ug/L	<31.4	5000	5000	5390	5490	108	110	42-139	2	20	
Dibromochloromethane	ug/L	<25.6	5000	5000	5560	5700	111	114	48-139	2	20	
Ethylbenzene	ug/L	31.3J	5000	5000	5690	5700	113	113	36-144	0	20	
Methylene Chloride	ug/L	<78.8	5000	5000	5530	5550	111	111	58-136	0	20	
Styrene	ug/L	<31.7	5000	5000	5490	5610	110	112	19-143	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50290252

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2890410 2890411

Parameter	Units	50290033004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Tetrachloroethene	ug/L	<24.5	5000	5000	5790	5840	116	117	26-148	1	20	
Toluene	ug/L	<33.1	5000	5000	5550	5590	110	111	46-134	1	20	
trans-1,2-Dichloroethene	ug/L	86.4J	5000	5000	5550	5520	109	109	43-155	1	20	
trans-1,3-Dichloropropene	ug/L	<24.3	5000	5000	5620	5740	112	115	39-132	2	20	
Trichloroethene	ug/L	<33.6	5000	5000	5850	5860	117	117	35-151	0	20	
Vinyl chloride	ug/L	<45.0	5000	5000	3750	3690	75	73	59-146	2	20	
Xylene (Total)	ug/L	205J	15000	15000	17200	17400	113	114	32-140	1	20	
4-Bromofluorobenzene (S)	%.						98	98	78-117			
Dibromofluoromethane (S)	%.						103	103	78-120			
Toluene-d8 (S)	%.						98	98	77-118			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: SE Rockford, IL Site
Pace Project No.: 50290252

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SE Rockford, IL Site
Pace Project No.: 50290252

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50290252001	**MW203**	EPA 5030B/8260	627116		
50290252002	**MW202**	EPA 5030B/8260	627116		
50290252003	**MW201**	EPA 5030B/8260	627116		
50290252004	**MW124**	EPA 5030B/8260	627116		
50290252005	**FD-1**	EPA 5030B/8260	627116		
50290252006	**MW121**	EPA 5030B/8260	627116		
50290252007	**MW204**	EPA 5030B/8260	627116		
50290252008	**MW206A**	EPA 5030B/8260	627116		
50290252009	**MW206B**	EPA 5030B/8260	627116		
50290252010	**MW206C**	EPA 5030B/8260	627116		
50290252011	**MW205A**	EPA 5030B/8260	627116		
50290252012	**MW205B**	EPA 5030B/8260	627116		
50290252013	**MW117D**	EPA 5030B/8260	627116		
50290252014	**MW117C**	EPA 5030B/8260	627116		
50290252015	**MW117B**	EPA 5030B/8260	627116		
50290252016	**MW47**	EPA 5030B/8260	627116		
50290252017	**MW207**	EPA 5030B/8260	627116		
50290252018	**MW119**	EPA 5030B/8260	627264		
50290252019	**MW136**	EPA 5030B/8260	627264		
50290252020	**MW200**	EPA 5030B/8260	627264		
50290252022	**MW130**	EPA 5030B/8260	627264		

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ENVIRONMENTAL SCIENCES
MOBILE LAB SERVICES

WORK ORDER

A212431

Pace Analytical - Madison

Printed: 6/18/2021 12:53:06PM

Client:	**Pace Analytical**	**Project Manager:**	**Molly Palzkill**
Project:	**SE Rockford, IL Site**	**Project Number:**	**50290252**

Report To:
Pace Analytical
Melanie Booms
5560 Corporate Exchange Ct. SE
Grand Rapids, MI 49512
Phone: (616) 975-4500
email: melanie.booms@pacelabs.com

Invoice To:
Pace Analytical
Melanie Booms
5560 Corporate Exchange Ct. SE
Grand Rapids, MI 49512
Phone :(616) 975-4500
email: melanie.booms@pacelabs.com

Date Due:	06/30/2021 18:00 (8 day TAT)		
Received By:	Molly Palzkill	Date Received:	06/18/2021 12:30
Logged In By:	Molly Palzkill	Date Logged In:	06/18/2021 12:36

Samples Received at:	**2.1°C**		
Custody Seals	Yes	Received On Ice	Yes
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confirme	No		

Analysis	Due	TAT	Expires	Comments
A212431-01 MW203 (50290252001) [Water] Sampled 06/13/2021 13:06				
8260 Dioxane SPME	06/30/2021 00:00	8	06/27/2021 13:06	Report to MDL - Level IV Data Package
A212431-02 MW202 (50290252002) [Water] Sampled 06/13/2021 13:49				
8260 Dioxane SPME	06/30/2021 00:00	8	06/27/2021 13:49	Report to MDL - Level IV Data Package
A212431-03 MW201 (50290252003) [Water] Sampled 06/13/2021 14:45				
8260 Dioxane SPME	06/30/2021 00:00	8	06/27/2021 14:45	Report to MDL - Level IV Data Package
A212431-04 MW124 (50290252004) [Water] Sampled 06/13/2021 15:44				
8260 Dioxane SPME	06/30/2021 00:00	8	06/27/2021 15:44	Report to MDL - Level IV Data Package
A212431-05 FD-1 (50290252005) [Water] Sampled 06/13/2021 15:49				
8260 Dioxane SPME	06/30/2021 00:00	8	06/27/2021 15:49	Report to MDL - Level IV Data Package
A212431-06 MW121 (50290252006) [Water] Sampled 06/13/2021 16:35				
8260 Dioxane SPME	06/30/2021 00:00	8	06/27/2021 16:35	Report to MDL - Level IV Data Package
A212431-07 MW204 (50290252007) [Water] Sampled 06/13/2021 17:27				
8260 Dioxane SPME	06/30/2021 00:00	8	06/27/2021 17:27	Report to MDL - Level IV Data Package
A212431-08 MW206A (50290252008) [Water] Sampled 06/14/2021 12:57				
8260 Dioxane SPME	06/30/2021 00:00	8	06/28/2021 12:57	Report to MDL - Level IV Data Package
A212431-09 MW206B (50290252009) [Water] Sampled 06/14/2021 13:33				
8260 Dioxane SPME	06/30/2021 00:00	8	06/28/2021 13:33	Report to MDL - Level IV Data Package

WORK ORDER

Printed: 6/18/2021 12:53:06PM

A212431

Pace Analytical - Madison

Client:	**Pace Analytical**	**Project Manager:**	**Molly Palzkill**
Project:	**SE Rockford, IL Site**	**Project Number:**	**50290252**

Analysis	Due	TAT	Expires	Comments
A212431-10 MW206C (50290252010) [Water] Sampled 06/14/2021 14:11				
8260 Dioxane SPME	06/30/2021 00:00	8	06/28/2021 14:11	Report to MDL - Level IV Data Package
A212431-11 MW205A (50290252011) [Water] Sampled 06/14/2021 15:02				
8260 Dioxane SPME	06/30/2021 00:00	8	06/28/2021 15:02	Report to MDL - Level IV Data Package
A212431-12 MW205B (50290252012) [Water] Sampled 06/14/2021 15:34				
8260 Dioxane SPME	06/30/2021 00:00	8	06/28/2021 15:34	Report to MDL - Level IV Data Package
A212431-13 MW117D (50290252013) [Water] Sampled 06/14/2021 16:17				
8260 Dioxane SPME	06/30/2021 00:00	8	06/28/2021 16:17	Report to MDL - Level IV Data Package
A212431-14 MW117C (50290252014) [Water] Sampled 06/14/2021 16:50				
8260 Dioxane SPME	06/30/2021 00:00	8	06/28/2021 16:50	Report to MDL - Level IV Data Package
A212431-15 MW117B (50290252015) [Water] Sampled 06/14/2021 17:25				
8260 Dioxane SPME	06/30/2021 00:00	8	06/28/2021 17:25	Report to MDL - Level IV Data Package
A212431-16 MW47 (50290252016) [Water] Sampled 06/15/2021 11:26				
8260 Dioxane SPME	06/30/2021 00:00	8	06/29/2021 11:26	Report to MDL - Level IV Data Package
A212431-17 MW207 (50290252017) [Water] Sampled 06/15/2021 12:20				
8260 Dioxane SPME	06/30/2021 00:00	8	06/29/2021 12:20	Report to MDL - Level IV Data Package
A212431-18 MW119 (50290252018) [Water] Sampled 06/15/2021 13:03				
8260 Dioxane SPME	06/30/2021 00:00	8	06/29/2021 13:03	Report to MDL - Level IV Data Package
A212431-19 MW136 (50290252019) [Water] Sampled 06/15/2021 14:12				
8260 Dioxane SPME	06/30/2021 00:00	8	06/29/2021 14:12	Report to MDL - Level IV Data Package
A212431-20 MW200 (50290252020) [Water] Sampled 06/15/2021 14:54				
8260 Dioxane SPME	06/30/2021 00:00	8	06/29/2021 14:54	Report to MDL - Level IV Data Package
A212431-21 MW130 (50290252022) [Water] Sampled 06/15/2021 15:48				
8260 Dioxane SPME	06/30/2021 00:00	8	06/29/2021 15:48	Report to MDL - Level IV Data Package

Data Quality Control Criteria Review Summary

SDG Number: 50302782 **Project Number:** 1016-2

Site: SE Rockford, Semi-annual (Second 2021)

Contractor Lab: Pace Analytical Services – Indianapolis (VOC analysis)

Validator: Maggie Mandell **Sample Date:** 11/09/21 – 11/11/21

Sample Matrix: Groundwater **Validation Date:** 02/11/22

Analytical Methods: Volatiles by EPA SW-846 5030B/8260

Sample Designations:

MW-47	**MW-113A**	**MW-117C**	**MW-133B**	**MW-205B**	**FD-2**
MW-101D	**MW-113B**	**MW-117D**	**MW-133C**	**MW-206A**	
MW-102A	**MW-114A**	**MW-119**	**MW-16**	**MW-206B**	
MW-102B	**MW-114B**	**MW-130**	**MW-201**	**MW-206C**	
MW-102C	**MW-117B**	**MW-133A**	**MW-205A**	**MW-207**	

The analytical data were reviewed in accordance with the analytical methods and the Environmental Protections Agency (EPA) Contract Laboratory Program (CLP) National Functional Guidelines. The review included comparing quality control (QC) values provided on the laboratory QC forms to method QC criteria. Review of the raw data was not performed.

Quality Control Summary

QC Review Item	Evaluation #
Completeness	X
Case Narrative	X
Chain of Custody (COC) Forms	X
Sample Preservation	X
Holding Times	X
Laboratory Blank Results	3
System Monitoring Compounds (Surrogate) Results	X
Matrix Spike/Matrix Duplicate (MS/MSD) Results	1
Laboratory Control Sample (LCS) Results	2
Method Specific Quality Control (QC) Results *	X
System Performance	X
Field Quality Control Results **	4
Other	NA

See validation summary comment
X Acceptable, no qualification necessary
NR Not required
NA Not applicable
* The reviewer has indicated in the comments, if necessary, the method specific QC results included in the data package that were reviewed.
** Field QC may include field duplicates, trip blanks, rinse blanks, field blanks, and equipment blank samples as required by project specific criteria.

Data for the above samples are:

- [x] Acceptable for use
- [ ] Acceptable for use as qualified
- [ ] Unacceptable for use

Action required by Project Manager

- [ ] Yes
- [x] No

Data Validation Summary Comments:

1. **Matrix Spike/Matrix Duplicate (MS/MSD) Results –** The matrix spike recovery exceeded QC limits; the batch was accepted based on LCS recovery. The compound was not detected in the investigative samples. Therefore, no additional qualification is necessary.

Compound	LCS % Recovery	QC Batch	Affected Samples	Qualifier(s)
Chloroethane	94	650559	MS/MSD	M1

2. **Laboratory Control Spike (LCS) –** Analyte recovery in the LCS was above QC limits; results for this analyte in associated samples may be biased high. The compounds were not detected in the investigative samples. Therefore, no qualification is necessary.

Compound	LCS % Recovery	QC Batch	Affected Samples	Qualifier(s)
trans-1,3-Dichloropropene	91	650511	MW102C, MW201	L1
trans-1,3-Dichloropropene	113	650512	MW205A, MW205B, MW206A, MW206B MW117D, MW117C, MW117B, MW119, MW133C	L1

3. **Method Blank –** An analyte, carbon disulfide, was detected in the associated QC batch method blank. The compound was detected in investigative samples from MW16, MW114A, MW114B, MW207, FD-2, and the Trip Blank, at concentrations below the reporting limit. Therefore, no qualification is necessary.

Compound	Blank Result	QC Batch	Affected Samples	Qualifier(s)
Carbon disulfide	2.2J	650559	MW16, MW114A, MW114B, MW207, FD-2, Trip Blank	B

4. **Field Quality Control Samples** – One field duplicate was collected during this sampling event. The RPD is not necessarily calculated if both the primary and duplicate results are not five times greater than the reporting limit. The RPD between the investigative and duplicate samples was less than or equal to 6%. The RPD values only consider the comparison of two concentrations reported above the reporting limit. Qualification is not necessary.

Overall Assessment of Data:

The Pace Work Order Report # 50302782 is 100% complete. The data usability is based on EPA's guidance documents. No problems were identified with reported data and analytical performance was within specified limits. The data are acceptable and meet the project's data quality objectives.

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4171 40th St. SE
Grand Rapids, MI 49512
(616)975-4500

SAMPLE SUMMARY

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50302782001	**MW133A**	Water	11/09/21 10:15	11/12/21 09:40
50302782002	**MW133B**	Water	11/09/21 10:52	11/12/21 09:40
50302782003	**MW133C**	Water	11/09/21 11:24	11/12/21 09:40
50302782004	**MW130**	Water	11/09/21 12:17	11/12/21 09:40
50302782005	**MW113B**	Water	11/09/21 16:34	11/12/21 09:40
50302782006	**MW113A**	Water	11/09/21 16:55	11/12/21 09:40
50302782007	**MW47**	Water	11/10/21 09:08	11/12/21 09:40
50302782008	**MW206A**	Water	11/10/21 10:37	11/12/21 09:40
50302782009	**MW206B**	Water	11/10/21 11:12	11/12/21 09:40
50302782010	**MW206C**	Water	11/10/21 11:54	11/12/21 09:40
50302782011	**MW205A**	Water	11/10/21 12:42	11/12/21 09:40
50302782012	**MW205B**	Water	11/10/21 13:18	11/12/21 09:40
50302782013	**MW117D**	Water	11/10/21 14:13	11/12/21 09:40
50302782014	**MW117C**	Water	11/10/21 14:48	11/12/21 09:40
50302782015	**MW117B**	Water	11/10/21 15:24	11/12/21 09:40
50302782016	**MW119**	Water	11/10/21 16:10	11/12/21 09:40
50302782017	**MW207**	Water	11/10/21 16:49	11/12/21 09:40
50302782018	**TRIP BLANK**	Water	11/10/21 00:00	11/12/21 09:40
50302782019	**MW101D**	Water	11/11/21 08:03	11/12/21 09:40
50302782020	**MW102A**	Water	11/11/21 10:54	11/12/21 09:40
50302782021	**MW102B**	Water	11/11/21 11:32	11/12/21 09:40
50302782022	**MW102C**	Water	11/11/21 12:23	11/12/21 09:40
50302782023	**MW201**	Water	11/11/21 14:30	11/12/21 09:40
50302782024	**MW114A**	Water	11/11/21 15:24	11/12/21 09:40
50302782025	**MW114B**	Water	11/11/21 15:54	11/12/21 09:40
50302782026	**FD-2**	Water	11/11/21 15:57	11/12/21 09:40
50302782027	**MW16**	Water	11/11/21 16:31	11/12/21 09:40

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SAMPLE ANALYTE COUNT

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50302782001	**MW133A**	EPA 5030B/8260	DAS	43	PASI-I
50302782002	**MW133B**	EPA 5030B/8260	DAS	43	PASI-I
50302782003	**MW133C**	EPA 5030B/8260	DAS	43	PASI-I
50302782004	**MW130**	EPA 5030B/8260	DAS	43	PASI-I
50302782005	**MW113B**	EPA 5030B/8260	DAS	43	PASI-I
50302782006	**MW113A**	EPA 5030B/8260	DAS	43	PASI-I
50302782007	**MW47**	EPA 5030B/8260	DAS	43	PASI-I
50302782008	**MW206A**	EPA 5030B/8260	DAS	43	PASI-I
50302782009	**MW206B**	EPA 5030B/8260	DAS	43	PASI-I
50302782010	**MW206C**	EPA 5030B/8260	DAS	43	PASI-I
50302782011	**MW205A**	EPA 5030B/8260	DAS	43	PASI-I
50302782012	**MW205B**	EPA 5030B/8260	DAS	43	PASI-I
50302782013	**MW117D**	EPA 5030B/8260	DAS	43	PASI-I
50302782014	**MW117C**	EPA 5030B/8260	DAS	43	PASI-I
50302782015	**MW117B**	EPA 5030B/8260	DAS	43	PASI-I
50302782016	**MW119**	EPA 5030B/8260	DAS	43	PASI-I
50302782017	**MW207**	EPA 5030B/8260	DAS	43	PASI-I
50302782018	**TRIP BLANK**	EPA 5030B/8260	DAS	43	PASI-I
50302782019	**MW101D**	EPA 5030B/8260	DAS	43	PASI-I
50302782020	**MW102A**	EPA 5030B/8260	DAS	43	PASI-I
50302782021	**MW102B**	EPA 5030B/8260	DAS	43	PASI-I
50302782022	**MW102C**	EPA 5030B/8260	DAS	43	PASI-I
50302782023	**MW201**	EPA 5030B/8260	DAS	43	PASI-I
50302782024	**MW114A**	EPA 5030B/8260	DAS	43	PASI-I
50302782025	**MW114B**	EPA 5030B/8260	DAS	43	PASI-I
50302782026	**FD-2**	EPA 5030B/8260	DAS	43	PASI-I
50302782027	**MW16**	EPA 5030B/8260	DAS	43	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

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PROJECT NARRATIVE

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Method: **EPA 5030B/8260**
Description: 8260 MSV Low Level
Client: Nationwide Environmental Services
Date: November 30, 2021

General Information:
27 samples were analyzed for EPA 5030B/8260 by Pace Analytical Services Indianapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

QC Batch: 650559

B: Analyte was detected in the associated method blank.

- BLANK for HBN 650559 [MSV/1556 (Lab ID: 2998435)
  - Carbon disulfide

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 650511

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- LCS (Lab ID: 2998248)
  - trans-1,3-Dichloropropene

QC Batch: 650512

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- LCS (Lab ID: 2998251)
  - trans-1,3-Dichloropropene

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

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PROJECT NARRATIVE

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Method: **EPA 5030B/8260**
Description: 8260 MSV Low Level
Client: Nationwide Environmental Services
Date: November 30, 2021

QC Batch: 650559

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 50302739002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 2998437)
  - Chloroethane
- MSD (Lab ID: 2998438)
  - Chloroethane

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Sample: MW133A **Lab ID: 50302782001** Collected: 11/09/21 10:15 Received: 11/12/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.7	1		11/18/21 22:55	67-64-1	
Benzene	ND	ug/L	1.0	0.11	1		11/18/21 22:55	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.11	1		11/18/21 22:55	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.11	1		11/18/21 22:55	75-27-4	
Bromoform	ND	ug/L	1.0	0.036	1		11/18/21 22:55	75-25-2	
Bromomethane	ND	ug/L	5.0	0.19	1		11/18/21 22:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/18/21 22:55	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.12	1		11/18/21 22:55	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.065	1		11/18/21 22:55	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.098	1		11/18/21 22:55	108-90-7	
Chloroethane	ND	ug/L	2.0	0.17	1		11/18/21 22:55	75-00-3	
Chloroform	ND	ug/L	1.0	0.15	1		11/18/21 22:55	67-66-3	
Chloromethane	ND	ug/L	2.0	0.16	1		11/18/21 22:55	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.28	1		11/18/21 22:55	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.041	1		11/18/21 22:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		11/18/21 22:55	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/18/21 22:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/18/21 22:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.12	1		11/18/21 22:55	106-46-7	
1,1-Dichloroethane	**2.3**	ug/L	1.0	0.10	1		11/18/21 22:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/18/21 22:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.13	1		11/18/21 22:55	75-35-4	
cis-1,2-Dichloroethene	**0.54J**	ug/L	1.0	0.13	1		11/18/21 22:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		11/18/21 22:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.12	1		11/18/21 22:55	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/18/21 22:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/18/21 22:55	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.082	1		11/18/21 22:55	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.46	1		11/18/21 22:55	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		11/18/21 22:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.41	1		11/18/21 22:55	108-10-1	
Styrene	ND	ug/L	1.0	0.082	1		11/18/21 22:55	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.090	1		11/18/21 22:55	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.16	1		11/18/21 22:55	127-18-4	
Toluene	ND	ug/L	1.0	0.11	1		11/18/21 22:55	108-88-3	
1,1,1-Trichloroethane	**3.3**	ug/L	1.0	0.097	1		11/18/21 22:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.11	1		11/18/21 22:55	79-00-5	
Trichloroethene	**0.53J**	ug/L	1.0	0.12	1		11/18/21 22:55	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.11	1		11/18/21 22:55	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.11	1		11/18/21 22:55	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%.	78-117		1		11/18/21 22:55	460-00-4	
Dibromofluoromethane (S)	101	%.	78-120		1		11/18/21 22:55	1868-53-7	
Toluene-d8 (S)	99	%.	77-118		1		11/18/21 22:55	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Sample: MW133B **Lab ID: 50302782002** Collected: 11/09/21 10:52 Received: 11/12/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.7	1		11/18/21 23:25	67-64-1	
Benzene	ND	ug/L	1.0	0.11	1		11/18/21 23:25	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.11	1		11/18/21 23:25	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.11	1		11/18/21 23:25	75-27-4	
Bromoform	ND	ug/L	1.0	0.036	1		11/18/21 23:25	75-25-2	
Bromomethane	ND	ug/L	5.0	0.19	1		11/18/21 23:25	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/18/21 23:25	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.12	1		11/18/21 23:25	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.065	1		11/18/21 23:25	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.098	1		11/18/21 23:25	108-90-7	
Chloroethane	ND	ug/L	2.0	0.17	1		11/18/21 23:25	75-00-3	
Chloroform	**0.34J**	ug/L	1.0	0.15	1		11/18/21 23:25	67-66-3	
Chloromethane	ND	ug/L	2.0	0.16	1		11/18/21 23:25	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.28	1		11/18/21 23:25	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.041	1		11/18/21 23:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		11/18/21 23:25	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/18/21 23:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/18/21 23:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.12	1		11/18/21 23:25	106-46-7	
1,1-Dichloroethane	**76.0**	ug/L	1.0	0.10	1		11/18/21 23:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/18/21 23:25	107-06-2	
1,1-Dichloroethene	**16.3**	ug/L	1.0	0.13	1		11/18/21 23:25	75-35-4	
cis-1,2-Dichloroethene	**19.4**	ug/L	1.0	0.13	1		11/18/21 23:25	156-59-2	
trans-1,2-Dichloroethene	**2.9**	ug/L	1.0	0.13	1		11/18/21 23:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.12	1		11/18/21 23:25	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/18/21 23:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/18/21 23:25	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.082	1		11/18/21 23:25	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.46	1		11/18/21 23:25	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		11/18/21 23:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.41	1		11/18/21 23:25	108-10-1	
Styrene	ND	ug/L	1.0	0.082	1		11/18/21 23:25	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.090	1		11/18/21 23:25	79-34-5	
Tetrachloroethene	**38.1**	ug/L	1.0	0.16	1		11/18/21 23:25	127-18-4	
Toluene	ND	ug/L	1.0	0.11	1		11/18/21 23:25	108-88-3	
1,1,1-Trichloroethane	**204**	ug/L	1.0	0.097	1		11/18/21 23:25	71-55-6	
1,1,2-Trichloroethane	**0.74J**	ug/L	1.0	0.11	1		11/18/21 23:25	79-00-5	
Trichloroethene	**18.1**	ug/L	1.0	0.12	1		11/18/21 23:25	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.11	1		11/18/21 23:25	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.11	1		11/18/21 23:25	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%.	78-117		1		11/18/21 23:25	460-00-4	
Dibromofluoromethane (S)	101	%.	78-120		1		11/18/21 23:25	1868-53-7	
Toluene-d8 (S)	98	%.	77-118		1		11/18/21 23:25	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Sample: MW133C **Lab ID: 50302782003** Collected: 11/09/21 11:24 Received: 11/12/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.7	1		11/15/21 15:20	67-64-1	
Benzene	ND	ug/L	1.0	0.11	1		11/15/21 15:20	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.11	1		11/15/21 15:20	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.11	1		11/15/21 15:20	75-27-4	
Bromoform	ND	ug/L	1.0	0.036	1		11/15/21 15:20	75-25-2	
Bromomethane	ND	ug/L	5.0	0.19	1		11/15/21 15:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/15/21 15:20	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.12	1		11/15/21 15:20	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.065	1		11/15/21 15:20	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.098	1		11/15/21 15:20	108-90-7	
Chloroethane	ND	ug/L	2.0	0.17	1		11/15/21 15:20	75-00-3	
Chloroform	**2.1**	ug/L	1.0	0.15	1		11/15/21 15:20	67-66-3	
Chloromethane	ND	ug/L	2.0	0.16	1		11/15/21 15:20	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.28	1		11/15/21 15:20	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.041	1		11/15/21 15:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		11/15/21 15:20	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/15/21 15:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/15/21 15:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.12	1		11/15/21 15:20	106-46-7	
1,1-Dichloroethane	**35.6**	ug/L	1.0	0.10	1		11/15/21 15:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/15/21 15:20	107-06-2	
1,1-Dichloroethene	**31.9**	ug/L	1.0	0.13	1		11/15/21 15:20	75-35-4	
cis-1,2-Dichloroethene	**32.3**	ug/L	1.0	0.13	1		11/15/21 15:20	156-59-2	
trans-1,2-Dichloroethene	**1.3**	ug/L	1.0	0.13	1		11/15/21 15:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.12	1		11/15/21 15:20	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/15/21 15:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/15/21 15:20	10061-02-6	L1
Ethylbenzene	ND	ug/L	1.0	0.082	1		11/15/21 15:20	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.46	1		11/15/21 15:20	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		11/15/21 15:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.41	1		11/15/21 15:20	108-10-1	
Styrene	ND	ug/L	1.0	0.082	1		11/15/21 15:20	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.090	1		11/15/21 15:20	79-34-5	
Tetrachloroethene	**17.0**	ug/L	1.0	0.16	1		11/15/21 15:20	127-18-4	
Toluene	ND	ug/L	1.0	0.11	1		11/15/21 15:20	108-88-3	
1,1,1-Trichloroethane	**74.4**	ug/L	1.0	0.097	1		11/15/21 15:20	71-55-6	
1,1,2-Trichloroethane	**0.56J**	ug/L	1.0	0.11	1		11/15/21 15:20	79-00-5	
Trichloroethene	**45.3**	ug/L	1.0	0.12	1		11/15/21 15:20	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.11	1		11/15/21 15:20	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.11	1		11/15/21 15:20	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%.	78-117		1		11/15/21 15:20	460-00-4	
Dibromofluoromethane (S)	100	%.	78-120		1		11/15/21 15:20	1868-53-7	
Toluene-d8 (S)	96	%.	77-118		1		11/15/21 15:20	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Sample: MW130 **Lab ID: 50302782004** Collected: 11/09/21 12:17 Received: 11/12/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.7	1		11/18/21 23:54	67-64-1	
Benzene	ND	ug/L	1.0	0.11	1		11/18/21 23:54	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.11	1		11/18/21 23:54	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.11	1		11/18/21 23:54	75-27-4	
Bromoform	ND	ug/L	1.0	0.036	1		11/18/21 23:54	75-25-2	
Bromomethane	ND	ug/L	5.0	0.19	1		11/18/21 23:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/18/21 23:54	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.12	1		11/18/21 23:54	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.065	1		11/18/21 23:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.098	1		11/18/21 23:54	108-90-7	
Chloroethane	ND	ug/L	2.0	0.17	1		11/18/21 23:54	75-00-3	
Chloroform	ND	ug/L	1.0	0.15	1		11/18/21 23:54	67-66-3	
Chloromethane	ND	ug/L	2.0	0.16	1		11/18/21 23:54	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.28	1		11/18/21 23:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.041	1		11/18/21 23:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		11/18/21 23:54	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/18/21 23:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/18/21 23:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.12	1		11/18/21 23:54	106-46-7	
1,1-Dichloroethane	**3.4**	ug/L	1.0	0.10	1		11/18/21 23:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/18/21 23:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.13	1		11/18/21 23:54	75-35-4	
cis-1,2-Dichloroethene	**0.48J**	ug/L	1.0	0.13	1		11/18/21 23:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		11/18/21 23:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.12	1		11/18/21 23:54	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/18/21 23:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/18/21 23:54	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.082	1		11/18/21 23:54	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.46	1		11/18/21 23:54	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		11/18/21 23:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.41	1		11/18/21 23:54	108-10-1	
Styrene	ND	ug/L	1.0	0.082	1		11/18/21 23:54	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.090	1		11/18/21 23:54	79-34-5	
Tetrachloroethene	**0.46J**	ug/L	1.0	0.16	1		11/18/21 23:54	127-18-4	
Toluene	ND	ug/L	1.0	0.11	1		11/18/21 23:54	108-88-3	
1,1,1-Trichloroethane	**3.1**	ug/L	1.0	0.097	1		11/18/21 23:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.11	1		11/18/21 23:54	79-00-5	
Trichloroethene	**0.65J**	ug/L	1.0	0.12	1		11/18/21 23:54	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.11	1		11/18/21 23:54	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.11	1		11/18/21 23:54	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%.	78-117		1		11/18/21 23:54	460-00-4	
Dibromofluoromethane (S)	100	%.	78-120		1		11/18/21 23:54	1868-53-7	
Toluene-d8 (S)	98	%.	77-118		1		11/18/21 23:54	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Sample: MW113B **Lab ID: 50302782005** Collected: 11/09/21 16:34 Received: 11/12/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.7	1		11/19/21 00:23	67-64-1	
Benzene	ND	ug/L	1.0	0.11	1		11/19/21 00:23	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.11	1		11/19/21 00:23	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.11	1		11/19/21 00:23	75-27-4	
Bromoform	ND	ug/L	1.0	0.036	1		11/19/21 00:23	75-25-2	
Bromomethane	ND	ug/L	5.0	0.19	1		11/19/21 00:23	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/19/21 00:23	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.12	1		11/19/21 00:23	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.065	1		11/19/21 00:23	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.098	1		11/19/21 00:23	108-90-7	
Chloroethane	ND	ug/L	2.0	0.17	1		11/19/21 00:23	75-00-3	
Chloroform	ND	ug/L	1.0	0.15	1		11/19/21 00:23	67-66-3	
Chloromethane	ND	ug/L	2.0	0.16	1		11/19/21 00:23	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.28	1		11/19/21 00:23	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.041	1		11/19/21 00:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		11/19/21 00:23	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/19/21 00:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/19/21 00:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.12	1		11/19/21 00:23	106-46-7	
1,1-Dichloroethane	**57.7**	ug/L	1.0	0.10	1		11/19/21 00:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/19/21 00:23	107-06-2	
1,1-Dichloroethene	**12.2**	ug/L	1.0	0.13	1		11/19/21 00:23	75-35-4	
cis-1,2-Dichloroethene	**24.4**	ug/L	1.0	0.13	1		11/19/21 00:23	156-59-2	
trans-1,2-Dichloroethene	**1.2**	ug/L	1.0	0.13	1		11/19/21 00:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.12	1		11/19/21 00:23	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/19/21 00:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/19/21 00:23	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.082	1		11/19/21 00:23	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.46	1		11/19/21 00:23	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		11/19/21 00:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.41	1		11/19/21 00:23	108-10-1	
Styrene	ND	ug/L	1.0	0.082	1		11/19/21 00:23	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.090	1		11/19/21 00:23	79-34-5	
Tetrachloroethene	**2.3**	ug/L	1.0	0.16	1		11/19/21 00:23	127-18-4	
Toluene	ND	ug/L	1.0	0.11	1		11/19/21 00:23	108-88-3	
1,1,1-Trichloroethane	**8.4**	ug/L	1.0	0.097	1		11/19/21 00:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.11	1		11/19/21 00:23	79-00-5	
Trichloroethene	**15.7**	ug/L	1.0	0.12	1		11/19/21 00:23	79-01-6	
Vinyl chloride	**4.9**	ug/L	1.0	0.11	1		11/19/21 00:23	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.11	1		11/19/21 00:23	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%.	78-117		1		11/19/21 00:23	460-00-4	
Dibromofluoromethane (S)	101	%.	78-120		1		11/19/21 00:23	1868-53-7	
Toluene-d8 (S)	100	%.	77-118		1		11/19/21 00:23	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Sample: MW113A **Lab ID: 50302782006** Collected: 11/09/21 16:55 Received: 11/12/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.7	1		11/19/21 00:52	67-64-1	
Benzene	ND	ug/L	1.0	0.11	1		11/19/21 00:52	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.11	1		11/19/21 00:52	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.11	1		11/19/21 00:52	75-27-4	
Bromoform	ND	ug/L	1.0	0.036	1		11/19/21 00:52	75-25-2	
Bromomethane	ND	ug/L	5.0	0.19	1		11/19/21 00:52	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/19/21 00:52	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.12	1		11/19/21 00:52	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.065	1		11/19/21 00:52	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.098	1		11/19/21 00:52	108-90-7	
Chloroethane	ND	ug/L	2.0	0.17	1		11/19/21 00:52	75-00-3	
Chloroform	ND	ug/L	1.0	0.15	1		11/19/21 00:52	67-66-3	
Chloromethane	ND	ug/L	2.0	0.16	1		11/19/21 00:52	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.28	1		11/19/21 00:52	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.041	1		11/19/21 00:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		11/19/21 00:52	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/19/21 00:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/19/21 00:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.12	1		11/19/21 00:52	106-46-7	
1,1-Dichloroethane	**91.8**	ug/L	1.0	0.10	1		11/19/21 00:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/19/21 00:52	107-06-2	
1,1-Dichloroethene	**4.6**	ug/L	1.0	0.13	1		11/19/21 00:52	75-35-4	
cis-1,2-Dichloroethene	**7.5**	ug/L	1.0	0.13	1		11/19/21 00:52	156-59-2	
trans-1,2-Dichloroethene	**1.9**	ug/L	1.0	0.13	1		11/19/21 00:52	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.12	1		11/19/21 00:52	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/19/21 00:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/19/21 00:52	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.082	1		11/19/21 00:52	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.46	1		11/19/21 00:52	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		11/19/21 00:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.41	1		11/19/21 00:52	108-10-1	
Styrene	ND	ug/L	1.0	0.082	1		11/19/21 00:52	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.090	1		11/19/21 00:52	79-34-5	
Tetrachloroethene	**14.3**	ug/L	1.0	0.16	1		11/19/21 00:52	127-18-4	
Toluene	ND	ug/L	1.0	0.11	1		11/19/21 00:52	108-88-3	
1,1,1-Trichloroethane	**80.8**	ug/L	1.0	0.097	1		11/19/21 00:52	71-55-6	
1,1,2-Trichloroethane	**0.22J**	ug/L	1.0	0.11	1		11/19/21 00:52	79-00-5	
Trichloroethene	**22.6**	ug/L	1.0	0.12	1		11/19/21 00:52	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.11	1		11/19/21 00:52	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.11	1		11/19/21 00:52	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%.	78-117		1		11/19/21 00:52	460-00-4	
Dibromofluoromethane (S)	100	%.	78-120		1		11/19/21 00:52	1868-53-7	
Toluene-d8 (S)	99	%.	77-118		1		11/19/21 00:52	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Sample: MW47 **Lab ID: 50302782007** Collected: 11/10/21 09:08 Received: 11/12/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.7	1		11/19/21 01:21	67-64-1	
Benzene	ND	ug/L	1.0	0.11	1		11/19/21 01:21	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.11	1		11/19/21 01:21	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.11	1		11/19/21 01:21	75-27-4	
Bromoform	ND	ug/L	1.0	0.036	1		11/19/21 01:21	75-25-2	
Bromomethane	ND	ug/L	5.0	0.19	1		11/19/21 01:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/19/21 01:21	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.12	1		11/19/21 01:21	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.065	1		11/19/21 01:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.098	1		11/19/21 01:21	108-90-7	
Chloroethane	ND	ug/L	2.0	0.17	1		11/19/21 01:21	75-00-3	
Chloroform	ND	ug/L	1.0	0.15	1		11/19/21 01:21	67-66-3	
Chloromethane	ND	ug/L	2.0	0.16	1		11/19/21 01:21	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.28	1		11/19/21 01:21	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.041	1		11/19/21 01:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		11/19/21 01:21	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/19/21 01:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/19/21 01:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.12	1		11/19/21 01:21	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	0.10	1		11/19/21 01:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/19/21 01:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.13	1		11/19/21 01:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		11/19/21 01:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		11/19/21 01:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.12	1		11/19/21 01:21	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/19/21 01:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/19/21 01:21	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.082	1		11/19/21 01:21	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.46	1		11/19/21 01:21	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		11/19/21 01:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.41	1		11/19/21 01:21	108-10-1	
Styrene	ND	ug/L	1.0	0.082	1		11/19/21 01:21	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.090	1		11/19/21 01:21	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.16	1		11/19/21 01:21	127-18-4	
Toluene	ND	ug/L	1.0	0.11	1		11/19/21 01:21	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.097	1		11/19/21 01:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.11	1		11/19/21 01:21	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.12	1		11/19/21 01:21	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.11	1		11/19/21 01:21	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.11	1		11/19/21 01:21	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%.	78-117		1		11/19/21 01:21	460-00-4	
Dibromofluoromethane (S)	101	%.	78-120		1		11/19/21 01:21	1868-53-7	
Toluene-d8 (S)	98	%.	77-118		1		11/19/21 01:21	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Sample: MW206A **Lab ID: 50302782008** Collected: 11/10/21 10:37 Received: 11/12/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.7	1		11/15/21 17:46	67-64-1	
Benzene	ND	ug/L	1.0	0.11	1		11/15/21 17:46	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.11	1		11/15/21 17:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.11	1		11/15/21 17:46	75-27-4	
Bromoform	ND	ug/L	1.0	0.036	1		11/15/21 17:46	75-25-2	
Bromomethane	ND	ug/L	5.0	0.19	1		11/15/21 17:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/15/21 17:46	78-93-3	
Carbon disulfide	**4.2J**	ug/L	5.0	0.12	1		11/15/21 17:46	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.065	1		11/15/21 17:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.098	1		11/15/21 17:46	108-90-7	
Chloroethane	ND	ug/L	2.0	0.17	1		11/15/21 17:46	75-00-3	
Chloroform	ND	ug/L	1.0	0.15	1		11/15/21 17:46	67-66-3	
Chloromethane	ND	ug/L	2.0	0.16	1		11/15/21 17:46	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.28	1		11/15/21 17:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.041	1		11/15/21 17:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		11/15/21 17:46	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/15/21 17:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/15/21 17:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.12	1		11/15/21 17:46	106-46-7	
1,1-Dichloroethane	**11.5**	ug/L	1.0	0.10	1		11/15/21 17:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/15/21 17:46	107-06-2	
1,1-Dichloroethene	**3.4**	ug/L	1.0	0.13	1		11/15/21 17:46	75-35-4	
cis-1,2-Dichloroethene	**1.4**	ug/L	1.0	0.13	1		11/15/21 17:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		11/15/21 17:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.12	1		11/15/21 17:46	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/15/21 17:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/15/21 17:46	10061-02-6	L1
Ethylbenzene	ND	ug/L	1.0	0.082	1		11/15/21 17:46	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.46	1		11/15/21 17:46	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		11/15/21 17:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.41	1		11/15/21 17:46	108-10-1	
Styrene	ND	ug/L	1.0	0.082	1		11/15/21 17:46	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.090	1		11/15/21 17:46	79-34-5	
Tetrachloroethene	**8.6**	ug/L	1.0	0.16	1		11/15/21 17:46	127-18-4	
Toluene	ND	ug/L	1.0	0.11	1		11/15/21 17:46	108-88-3	
1,1,1-Trichloroethane	**12.6**	ug/L	1.0	0.097	1		11/15/21 17:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.11	1		11/15/21 17:46	79-00-5	
Trichloroethene	**5.2**	ug/L	1.0	0.12	1		11/15/21 17:46	79-01-6	
Vinyl chloride	**0.48J**	ug/L	1.0	0.11	1		11/15/21 17:46	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.11	1		11/15/21 17:46	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%.	78-117		1		11/15/21 17:46	460-00-4	
Dibromofluoromethane (S)	101	%.	78-120		1		11/15/21 17:46	1868-53-7	
Toluene-d8 (S)	96	%.	77-118		1		11/15/21 17:46	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Sample: MW206B **Lab ID: 50302782009** Collected: 11/10/21 11:12 Received: 11/12/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.7	1		11/15/21 18:15	67-64-1	
Benzene	ND	ug/L	1.0	0.11	1		11/15/21 18:15	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.11	1		11/15/21 18:15	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.11	1		11/15/21 18:15	75-27-4	
Bromoform	ND	ug/L	1.0	0.036	1		11/15/21 18:15	75-25-2	
Bromomethane	ND	ug/L	5.0	0.19	1		11/15/21 18:15	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/15/21 18:15	78-93-3	
Carbon disulfide	**3.0J**	ug/L	5.0	0.12	1		11/15/21 18:15	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.065	1		11/15/21 18:15	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.098	1		11/15/21 18:15	108-90-7	
Chloroethane	ND	ug/L	2.0	0.17	1		11/15/21 18:15	75-00-3	
Chloroform	ND	ug/L	1.0	0.15	1		11/15/21 18:15	67-66-3	
Chloromethane	ND	ug/L	2.0	0.16	1		11/15/21 18:15	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.28	1		11/15/21 18:15	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.041	1		11/15/21 18:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		11/15/21 18:15	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/15/21 18:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/15/21 18:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.12	1		11/15/21 18:15	106-46-7	
1,1-Dichloroethane	**30.5**	ug/L	1.0	0.10	1		11/15/21 18:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/15/21 18:15	107-06-2	
1,1-Dichloroethene	**22.1**	ug/L	1.0	0.13	1		11/15/21 18:15	75-35-4	
cis-1,2-Dichloroethene	**18.1**	ug/L	1.0	0.13	1		11/15/21 18:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		11/15/21 18:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.12	1		11/15/21 18:15	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/15/21 18:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/15/21 18:15	10061-02-6	L1
Ethylbenzene	ND	ug/L	1.0	0.082	1		11/15/21 18:15	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.46	1		11/15/21 18:15	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		11/15/21 18:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.41	1		11/15/21 18:15	108-10-1	
Styrene	ND	ug/L	1.0	0.082	1		11/15/21 18:15	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.090	1		11/15/21 18:15	79-34-5	
Tetrachloroethene	**21.6**	ug/L	1.0	0.16	1		11/15/21 18:15	127-18-4	
Toluene	ND	ug/L	1.0	0.11	1		11/15/21 18:15	108-88-3	
1,1,1-Trichloroethane	**25.6**	ug/L	1.0	0.097	1		11/15/21 18:15	71-55-6	
1,1,2-Trichloroethane	**0.48J**	ug/L	1.0	0.11	1		11/15/21 18:15	79-00-5	
Trichloroethene	**17.4**	ug/L	1.0	0.12	1		11/15/21 18:15	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.11	1		11/15/21 18:15	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.11	1		11/15/21 18:15	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%.	78-117		1		11/15/21 18:15	460-00-4	
Dibromofluoromethane (S)	100	%.	78-120		1		11/15/21 18:15	1868-53-7	
Toluene-d8 (S)	99	%.	77-118		1		11/15/21 18:15	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Sample: MW206C **Lab ID: 50302782010** Collected: 11/10/21 11:54 Received: 11/12/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.7	1		11/19/21 01:51	67-64-1	
Benzene	ND	ug/L	1.0	0.11	1		11/19/21 01:51	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.11	1		11/19/21 01:51	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.11	1		11/19/21 01:51	75-27-4	
Bromoform	ND	ug/L	1.0	0.036	1		11/19/21 01:51	75-25-2	
Bromomethane	ND	ug/L	5.0	0.19	1		11/19/21 01:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/19/21 01:51	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.12	1		11/19/21 01:51	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.065	1		11/19/21 01:51	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.098	1		11/19/21 01:51	108-90-7	
Chloroethane	ND	ug/L	2.0	0.17	1		11/19/21 01:51	75-00-3	
Chloroform	ND	ug/L	1.0	0.15	1		11/19/21 01:51	67-66-3	
Chloromethane	ND	ug/L	2.0	0.16	1		11/19/21 01:51	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.28	1		11/19/21 01:51	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.041	1		11/19/21 01:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		11/19/21 01:51	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/19/21 01:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/19/21 01:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.12	1		11/19/21 01:51	106-46-7	
1,1-Dichloroethane	**37.8**	ug/L	1.0	0.10	1		11/19/21 01:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/19/21 01:51	107-06-2	
1,1-Dichloroethene	**15.4**	ug/L	1.0	0.13	1		11/19/21 01:51	75-35-4	
cis-1,2-Dichloroethene	**55.2**	ug/L	1.0	0.13	1		11/19/21 01:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		11/19/21 01:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.12	1		11/19/21 01:51	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/19/21 01:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/19/21 01:51	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.082	1		11/19/21 01:51	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.46	1		11/19/21 01:51	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		11/19/21 01:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.41	1		11/19/21 01:51	108-10-1	
Styrene	ND	ug/L	1.0	0.082	1		11/19/21 01:51	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.090	1		11/19/21 01:51	79-34-5	
Tetrachloroethene	**0.33J**	ug/L	1.0	0.16	1		11/19/21 01:51	127-18-4	
Toluene	ND	ug/L	1.0	0.11	1		11/19/21 01:51	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.097	1		11/19/21 01:51	71-55-6	
1,1,2-Trichloroethane	**1.2**	ug/L	1.0	0.11	1		11/19/21 01:51	79-00-5	
Trichloroethene	**7.6**	ug/L	1.0	0.12	1		11/19/21 01:51	79-01-6	
Vinyl chloride	**21.1**	ug/L	1.0	0.11	1		11/19/21 01:51	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.11	1		11/19/21 01:51	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%.	78-117		1		11/19/21 01:51	460-00-4	
Dibromofluoromethane (S)	101	%.	78-120		1		11/19/21 01:51	1868-53-7	
Toluene-d8 (S)	99	%.	77-118		1		11/19/21 01:51	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Sample: MW205A **Lab ID: 50302782011** Collected: 11/10/21 12:42 Received: 11/12/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.7	1		11/15/21 19:13	67-64-1	
Benzene	ND	ug/L	1.0	0.11	1		11/15/21 19:13	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.11	1		11/15/21 19:13	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.11	1		11/15/21 19:13	75-27-4	
Bromoform	ND	ug/L	1.0	0.036	1		11/15/21 19:13	75-25-2	
Bromomethane	ND	ug/L	5.0	0.19	1		11/15/21 19:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/15/21 19:13	78-93-3	
Carbon disulfide	**1.9J**	ug/L	5.0	0.12	1		11/15/21 19:13	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.065	1		11/15/21 19:13	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.098	1		11/15/21 19:13	108-90-7	
Chloroethane	ND	ug/L	2.0	0.17	1		11/15/21 19:13	75-00-3	
Chloroform	ND	ug/L	1.0	0.15	1		11/15/21 19:13	67-66-3	
Chloromethane	ND	ug/L	2.0	0.16	1		11/15/21 19:13	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.28	1		11/15/21 19:13	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.041	1		11/15/21 19:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		11/15/21 19:13	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/15/21 19:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/15/21 19:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.12	1		11/15/21 19:13	106-46-7	
1,1-Dichloroethane	**18.8**	ug/L	1.0	0.10	1		11/15/21 19:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/15/21 19:13	107-06-2	
1,1-Dichloroethene	**6.6**	ug/L	1.0	0.13	1		11/15/21 19:13	75-35-4	
cis-1,2-Dichloroethene	**1.2**	ug/L	1.0	0.13	1		11/15/21 19:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		11/15/21 19:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.12	1		11/15/21 19:13	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/15/21 19:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/15/21 19:13	10061-02-6	L1
Ethylbenzene	ND	ug/L	1.0	0.082	1		11/15/21 19:13	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.46	1		11/15/21 19:13	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		11/15/21 19:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.41	1		11/15/21 19:13	108-10-1	
Styrene	ND	ug/L	1.0	0.082	1		11/15/21 19:13	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.090	1		11/15/21 19:13	79-34-5	
Tetrachloroethene	**12.8**	ug/L	1.0	0.16	1		11/15/21 19:13	127-18-4	
Toluene	ND	ug/L	1.0	0.11	1		11/15/21 19:13	108-88-3	
1,1,1-Trichloroethane	**18.0**	ug/L	1.0	0.097	1		11/15/21 19:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.11	1		11/15/21 19:13	79-00-5	
Trichloroethene	**6.2**	ug/L	1.0	0.12	1		11/15/21 19:13	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.11	1		11/15/21 19:13	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.11	1		11/15/21 19:13	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%.	78-117		1		11/15/21 19:13	460-00-4	
Dibromofluoromethane (S)	101	%.	78-120		1		11/15/21 19:13	1868-53-7	
Toluene-d8 (S)	93	%.	77-118		1		11/15/21 19:13	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Sample: MW205B **Lab ID: 50302782012** Collected: 11/10/21 13:18 Received: 11/12/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.7	1		11/15/21 20:41	67-64-1	
Benzene	ND	ug/L	1.0	0.11	1		11/15/21 20:41	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.11	1		11/15/21 20:41	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.11	1		11/15/21 20:41	75-27-4	
Bromoform	ND	ug/L	1.0	0.036	1		11/15/21 20:41	75-25-2	
Bromomethane	ND	ug/L	5.0	0.19	1		11/15/21 20:41	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/15/21 20:41	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.12	1		11/15/21 20:41	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.065	1		11/15/21 20:41	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.098	1		11/15/21 20:41	108-90-7	
Chloroethane	ND	ug/L	2.0	0.17	1		11/15/21 20:41	75-00-3	
Chloroform	ND	ug/L	1.0	0.15	1		11/15/21 20:41	67-66-3	
Chloromethane	ND	ug/L	2.0	0.16	1		11/15/21 20:41	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.28	1		11/15/21 20:41	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.041	1		11/15/21 20:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		11/15/21 20:41	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/15/21 20:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/15/21 20:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.12	1		11/15/21 20:41	106-46-7	
1,1-Dichloroethane	**18.5**	ug/L	1.0	0.10	1		11/15/21 20:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/15/21 20:41	107-06-2	
1,1-Dichloroethene	**6.9**	ug/L	1.0	0.13	1		11/15/21 20:41	75-35-4	
cis-1,2-Dichloroethene	**0.92J**	ug/L	1.0	0.13	1		11/15/21 20:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		11/15/21 20:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.12	1		11/15/21 20:41	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/15/21 20:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/15/21 20:41	10061-02-6	L1
Ethylbenzene	ND	ug/L	1.0	0.082	1		11/15/21 20:41	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.46	1		11/15/21 20:41	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		11/15/21 20:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.41	1		11/15/21 20:41	108-10-1	
Styrene	ND	ug/L	1.0	0.082	1		11/15/21 20:41	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.090	1		11/15/21 20:41	79-34-5	
Tetrachloroethene	**12.4**	ug/L	1.0	0.16	1		11/15/21 20:41	127-18-4	
Toluene	ND	ug/L	1.0	0.11	1		11/15/21 20:41	108-88-3	
1,1,1-Trichloroethane	**17.7**	ug/L	1.0	0.097	1		11/15/21 20:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.11	1		11/15/21 20:41	79-00-5	
Trichloroethene	**6.3**	ug/L	1.0	0.12	1		11/15/21 20:41	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.11	1		11/15/21 20:41	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.11	1		11/15/21 20:41	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%.	78-117		1		11/15/21 20:41	460-00-4	
Dibromofluoromethane (S)	102	%.	78-120		1		11/15/21 20:41	1868-53-7	
Toluene-d8 (S)	97	%.	77-118		1		11/15/21 20:41	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Sample: MW117D **Lab ID: 50302782013** Collected: 11/10/21 14:13 Received: 11/12/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.7	1		11/15/21 21:10	67-64-1	
Benzene	ND	ug/L	1.0	0.11	1		11/15/21 21:10	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.11	1		11/15/21 21:10	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.11	1		11/15/21 21:10	75-27-4	
Bromoform	ND	ug/L	1.0	0.036	1		11/15/21 21:10	75-25-2	
Bromomethane	ND	ug/L	5.0	0.19	1		11/15/21 21:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/15/21 21:10	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.12	1		11/15/21 21:10	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.065	1		11/15/21 21:10	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.098	1		11/15/21 21:10	108-90-7	
Chloroethane	ND	ug/L	2.0	0.17	1		11/15/21 21:10	75-00-3	
Chloroform	ND	ug/L	1.0	0.15	1		11/15/21 21:10	67-66-3	
Chloromethane	ND	ug/L	2.0	0.16	1		11/15/21 21:10	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.28	1		11/15/21 21:10	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.041	1		11/15/21 21:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		11/15/21 21:10	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/15/21 21:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/15/21 21:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.12	1		11/15/21 21:10	106-46-7	
1,1-Dichloroethane	**13.0**	ug/L	1.0	0.10	1		11/15/21 21:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/15/21 21:10	107-06-2	
1,1-Dichloroethene	**5.0**	ug/L	1.0	0.13	1		11/15/21 21:10	75-35-4	
cis-1,2-Dichloroethene	**0.93J**	ug/L	1.0	0.13	1		11/15/21 21:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		11/15/21 21:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.12	1		11/15/21 21:10	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/15/21 21:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/15/21 21:10	10061-02-6	L1
Ethylbenzene	ND	ug/L	1.0	0.082	1		11/15/21 21:10	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.46	1		11/15/21 21:10	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		11/15/21 21:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.41	1		11/15/21 21:10	108-10-1	
Styrene	ND	ug/L	1.0	0.082	1		11/15/21 21:10	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.090	1		11/15/21 21:10	79-34-5	
Tetrachloroethene	**9.9**	ug/L	1.0	0.16	1		11/15/21 21:10	127-18-4	
Toluene	ND	ug/L	1.0	0.11	1		11/15/21 21:10	108-88-3	
1,1,1-Trichloroethane	**17.5**	ug/L	1.0	0.097	1		11/15/21 21:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.11	1		11/15/21 21:10	79-00-5	
Trichloroethene	**5.5**	ug/L	1.0	0.12	1		11/15/21 21:10	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.11	1		11/15/21 21:10	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.11	1		11/15/21 21:10	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%.	78-117		1		11/15/21 21:10	460-00-4	
Dibromofluoromethane (S)	102	%.	78-120		1		11/15/21 21:10	1868-53-7	
Toluene-d8 (S)	95	%.	77-118		1		11/15/21 21:10	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Sample: MW117C **Lab ID: 50302782014** Collected: 11/10/21 14:48 Received: 11/12/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.7	1		11/15/21 21:39	67-64-1	
Benzene	ND	ug/L	1.0	0.11	1		11/15/21 21:39	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.11	1		11/15/21 21:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.11	1		11/15/21 21:39	75-27-4	
Bromoform	ND	ug/L	1.0	0.036	1		11/15/21 21:39	75-25-2	
Bromomethane	ND	ug/L	5.0	0.19	1		11/15/21 21:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/15/21 21:39	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.12	1		11/15/21 21:39	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.065	1		11/15/21 21:39	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.098	1		11/15/21 21:39	108-90-7	
Chloroethane	ND	ug/L	2.0	0.17	1		11/15/21 21:39	75-00-3	
Chloroform	ND	ug/L	1.0	0.15	1		11/15/21 21:39	67-66-3	
Chloromethane	ND	ug/L	2.0	0.16	1		11/15/21 21:39	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.28	1		11/15/21 21:39	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.041	1		11/15/21 21:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		11/15/21 21:39	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/15/21 21:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/15/21 21:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.12	1		11/15/21 21:39	106-46-7	
1,1-Dichloroethane	**13.4**	ug/L	1.0	0.10	1		11/15/21 21:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/15/21 21:39	107-06-2	
1,1-Dichloroethene	**4.4**	ug/L	1.0	0.13	1		11/15/21 21:39	75-35-4	
cis-1,2-Dichloroethene	**1.0**	ug/L	1.0	0.13	1		11/15/21 21:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		11/15/21 21:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.12	1		11/15/21 21:39	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/15/21 21:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/15/21 21:39	10061-02-6	L1
Ethylbenzene	ND	ug/L	1.0	0.082	1		11/15/21 21:39	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.46	1		11/15/21 21:39	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		11/15/21 21:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.41	1		11/15/21 21:39	108-10-1	
Styrene	ND	ug/L	1.0	0.082	1		11/15/21 21:39	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.090	1		11/15/21 21:39	79-34-5	
Tetrachloroethene	**7.7**	ug/L	1.0	0.16	1		11/15/21 21:39	127-18-4	
Toluene	ND	ug/L	1.0	0.11	1		11/15/21 21:39	108-88-3	
1,1,1-Trichloroethane	**12.1**	ug/L	1.0	0.097	1		11/15/21 21:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.11	1		11/15/21 21:39	79-00-5	
Trichloroethene	**4.5**	ug/L	1.0	0.12	1		11/15/21 21:39	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.11	1		11/15/21 21:39	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.11	1		11/15/21 21:39	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%.	78-117		1		11/15/21 21:39	460-00-4	
Dibromofluoromethane (S)	92	%.	78-120		1		11/15/21 21:39	1868-53-7	
Toluene-d8 (S)	97	%.	77-118		1		11/15/21 21:39	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Sample: MW117B **Lab ID: 50302782015** Collected: 11/10/21 15:24 Received: 11/12/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.7	1		11/15/21 22:08	67-64-1	
Benzene	ND	ug/L	1.0	0.11	1		11/15/21 22:08	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.11	1		11/15/21 22:08	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.11	1		11/15/21 22:08	75-27-4	
Bromoform	ND	ug/L	1.0	0.036	1		11/15/21 22:08	75-25-2	
Bromomethane	ND	ug/L	5.0	0.19	1		11/15/21 22:08	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/15/21 22:08	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.12	1		11/15/21 22:08	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.065	1		11/15/21 22:08	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.098	1		11/15/21 22:08	108-90-7	
Chloroethane	ND	ug/L	2.0	0.17	1		11/15/21 22:08	75-00-3	
Chloroform	ND	ug/L	1.0	0.15	1		11/15/21 22:08	67-66-3	
Chloromethane	ND	ug/L	2.0	0.16	1		11/15/21 22:08	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.28	1		11/15/21 22:08	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.041	1		11/15/21 22:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		11/15/21 22:08	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/15/21 22:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/15/21 22:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.12	1		11/15/21 22:08	106-46-7	
1,1-Dichloroethane	**8.6**	ug/L	1.0	0.10	1		11/15/21 22:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/15/21 22:08	107-06-2	
1,1-Dichloroethene	**4.1**	ug/L	1.0	0.13	1		11/15/21 22:08	75-35-4	
cis-1,2-Dichloroethene	**0.73J**	ug/L	1.0	0.13	1		11/15/21 22:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		11/15/21 22:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.12	1		11/15/21 22:08	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/15/21 22:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/15/21 22:08	10061-02-6	L1
Ethylbenzene	ND	ug/L	1.0	0.082	1		11/15/21 22:08	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.46	1		11/15/21 22:08	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		11/15/21 22:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.41	1		11/15/21 22:08	108-10-1	
Styrene	ND	ug/L	1.0	0.082	1		11/15/21 22:08	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.090	1		11/15/21 22:08	79-34-5	
Tetrachloroethene	**11.4**	ug/L	1.0	0.16	1		11/15/21 22:08	127-18-4	
Toluene	ND	ug/L	1.0	0.11	1		11/15/21 22:08	108-88-3	
1,1,1-Trichloroethane	**16.1**	ug/L	1.0	0.097	1		11/15/21 22:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.11	1		11/15/21 22:08	79-00-5	
Trichloroethene	**6.3**	ug/L	1.0	0.12	1		11/15/21 22:08	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.11	1		11/15/21 22:08	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.11	1		11/15/21 22:08	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%.	78-117		1		11/15/21 22:08	460-00-4	
Dibromofluoromethane (S)	94	%.	78-120		1		11/15/21 22:08	1868-53-7	
Toluene-d8 (S)	96	%.	77-118		1		11/15/21 22:08	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Sample: MW119 **Lab ID: 50302782016** Collected: 11/10/21 16:10 Received: 11/12/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.7	1		11/15/21 22:38	67-64-1	
Benzene	ND	ug/L	1.0	0.11	1		11/15/21 22:38	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.11	1		11/15/21 22:38	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.11	1		11/15/21 22:38	75-27-4	
Bromoform	ND	ug/L	1.0	0.036	1		11/15/21 22:38	75-25-2	
Bromomethane	ND	ug/L	5.0	0.19	1		11/15/21 22:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/15/21 22:38	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.12	1		11/15/21 22:38	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.065	1		11/15/21 22:38	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.098	1		11/15/21 22:38	108-90-7	
Chloroethane	ND	ug/L	2.0	0.17	1		11/15/21 22:38	75-00-3	
Chloroform	ND	ug/L	1.0	0.15	1		11/15/21 22:38	67-66-3	
Chloromethane	ND	ug/L	2.0	0.16	1		11/15/21 22:38	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.28	1		11/15/21 22:38	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.041	1		11/15/21 22:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		11/15/21 22:38	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/15/21 22:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/15/21 22:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.12	1		11/15/21 22:38	106-46-7	
1,1-Dichloroethane	**1.6**	ug/L	1.0	0.10	1		11/15/21 22:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/15/21 22:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.13	1		11/15/21 22:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		11/15/21 22:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		11/15/21 22:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.12	1		11/15/21 22:38	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/15/21 22:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/15/21 22:38	10061-02-6	L1
Ethylbenzene	ND	ug/L	1.0	0.082	1		11/15/21 22:38	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.46	1		11/15/21 22:38	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		11/15/21 22:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.41	1		11/15/21 22:38	108-10-1	
Styrene	ND	ug/L	1.0	0.082	1		11/15/21 22:38	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.090	1		11/15/21 22:38	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.16	1		11/15/21 22:38	127-18-4	
Toluene	ND	ug/L	1.0	0.11	1		11/15/21 22:38	108-88-3	
1,1,1-Trichloroethane	**2.2**	ug/L	1.0	0.097	1		11/15/21 22:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.11	1		11/15/21 22:38	79-00-5	
Trichloroethene	**0.63J**	ug/L	1.0	0.12	1		11/15/21 22:38	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.11	1		11/15/21 22:38	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.11	1		11/15/21 22:38	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%.	78-117		1		11/15/21 22:38	460-00-4	
Dibromofluoromethane (S)	100	%.	78-120		1		11/15/21 22:38	1868-53-7	
Toluene-d8 (S)	100	%.	77-118		1		11/15/21 22:38	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Sample: MW207 **Lab ID: 50302782017** Collected: 11/10/21 16:49 Received: 11/12/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.3	1		11/16/21 01:18	67-64-1	
Benzene	ND	ug/L	1.0	0.071	1		11/16/21 01:18	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		11/16/21 01:18	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.079	1		11/16/21 01:18	75-27-4	
Bromoform	ND	ug/L	1.0	0.054	1		11/16/21 01:18	75-25-2	
Bromomethane	ND	ug/L	5.0	0.11	1		11/16/21 01:18	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/16/21 01:18	78-93-3	
Carbon disulfide	**1.4J**	ug/L	5.0	0.083	1		11/16/21 01:18	75-15-0	B
Carbon tetrachloride	ND	ug/L	1.0	0.039	1		11/16/21 01:18	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.085	1		11/16/21 01:18	108-90-7	
Chloroethane	ND	ug/L	2.0	0.076	1		11/16/21 01:18	75-00-3	
Chloroform	ND	ug/L	1.0	0.11	1		11/16/21 01:18	67-66-3	
Chloromethane	ND	ug/L	2.0	0.098	1		11/16/21 01:18	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.24	1		11/16/21 01:18	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.047	1		11/16/21 01:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.062	1		11/16/21 01:18	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.081	1		11/16/21 01:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.072	1		11/16/21 01:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.080	1		11/16/21 01:18	106-46-7	
1,1-Dichloroethane	**2.2**	ug/L	1.0	0.088	1		11/16/21 01:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.076	1		11/16/21 01:18	107-06-2	
1,1-Dichloroethene	**0.46J**	ug/L	1.0	0.048	1		11/16/21 01:18	75-35-4	
cis-1,2-Dichloroethene	**0.66J**	ug/L	1.0	0.069	1		11/16/21 01:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.092	1		11/16/21 01:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.086	1		11/16/21 01:18	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.069	1		11/16/21 01:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.063	1		11/16/21 01:18	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.069	1		11/16/21 01:18	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.38	1		11/16/21 01:18	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.8	1		11/16/21 01:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.38	1		11/16/21 01:18	108-10-1	
Styrene	ND	ug/L	1.0	0.073	1		11/16/21 01:18	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.064	1		11/16/21 01:18	79-34-5	
Tetrachloroethene	**1.9**	ug/L	1.0	0.15	1		11/16/21 01:18	127-18-4	
Toluene	ND	ug/L	1.0	0.087	1		11/16/21 01:18	108-88-3	
1,1,1-Trichloroethane	**3.0**	ug/L	1.0	0.053	1		11/16/21 01:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.081	1		11/16/21 01:18	79-00-5	
Trichloroethene	**2.2**	ug/L	1.0	0.077	1		11/16/21 01:18	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.073	1		11/16/21 01:18	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.081	1		11/16/21 01:18	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%.	78-117		1		11/16/21 01:18	460-00-4	
Dibromofluoromethane (S)	101	%.	78-120		1		11/16/21 01:18	1868-53-7	
Toluene-d8 (S)	95	%.	77-118		1		11/16/21 01:18	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Sample: TRIP BLANK **Lab ID: 50302782018** Collected: 11/10/21 00:00 Received: 11/12/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.3	1		11/16/21 01:47	67-64-1	
Benzene	ND	ug/L	1.0	0.071	1		11/16/21 01:47	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		11/16/21 01:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.079	1		11/16/21 01:47	75-27-4	
Bromoform	ND	ug/L	1.0	0.054	1		11/16/21 01:47	75-25-2	
Bromomethane	ND	ug/L	5.0	0.11	1		11/16/21 01:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/16/21 01:47	78-93-3	
Carbon disulfide	**1.6J**	ug/L	5.0	0.083	1		11/16/21 01:47	75-15-0	B
Carbon tetrachloride	ND	ug/L	1.0	0.039	1		11/16/21 01:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.085	1		11/16/21 01:47	108-90-7	
Chloroethane	ND	ug/L	2.0	0.076	1		11/16/21 01:47	75-00-3	
Chloroform	ND	ug/L	1.0	0.11	1		11/16/21 01:47	67-66-3	
Chloromethane	ND	ug/L	2.0	0.098	1		11/16/21 01:47	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.24	1		11/16/21 01:47	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.047	1		11/16/21 01:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.062	1		11/16/21 01:47	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.081	1		11/16/21 01:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.072	1		11/16/21 01:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.080	1		11/16/21 01:47	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	0.088	1		11/16/21 01:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.076	1		11/16/21 01:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.048	1		11/16/21 01:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.069	1		11/16/21 01:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.092	1		11/16/21 01:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.086	1		11/16/21 01:47	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.069	1		11/16/21 01:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.063	1		11/16/21 01:47	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.069	1		11/16/21 01:47	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.38	1		11/16/21 01:47	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.8	1		11/16/21 01:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.38	1		11/16/21 01:47	108-10-1	
Styrene	ND	ug/L	1.0	0.073	1		11/16/21 01:47	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.064	1		11/16/21 01:47	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.15	1		11/16/21 01:47	127-18-4	
Toluene	ND	ug/L	1.0	0.087	1		11/16/21 01:47	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.053	1		11/16/21 01:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.081	1		11/16/21 01:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.077	1		11/16/21 01:47	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.073	1		11/16/21 01:47	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.081	1		11/16/21 01:47	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%.	78-117		1		11/16/21 01:47	460-00-4	
Dibromofluoromethane (S)	100	%.	78-120		1		11/16/21 01:47	1868-53-7	
Toluene-d8 (S)	106	%.	77-118		1		11/16/21 01:47	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Sample: MW101D **Lab ID: 50302782019** Collected: 11/11/21 08:03 Received: 11/12/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.7	1		11/19/21 02:20	67-64-1	
Benzene	ND	ug/L	1.0	0.11	1		11/19/21 02:20	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.11	1		11/19/21 02:20	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.11	1		11/19/21 02:20	75-27-4	
Bromoform	ND	ug/L	1.0	0.036	1		11/19/21 02:20	75-25-2	
Bromomethane	ND	ug/L	5.0	0.19	1		11/19/21 02:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/19/21 02:20	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.12	1		11/19/21 02:20	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.065	1		11/19/21 02:20	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.098	1		11/19/21 02:20	108-90-7	
Chloroethane	ND	ug/L	2.0	0.17	1		11/19/21 02:20	75-00-3	
Chloroform	ND	ug/L	1.0	0.15	1		11/19/21 02:20	67-66-3	
Chloromethane	ND	ug/L	2.0	0.16	1		11/19/21 02:20	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.28	1		11/19/21 02:20	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.041	1		11/19/21 02:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		11/19/21 02:20	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/19/21 02:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/19/21 02:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.12	1		11/19/21 02:20	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	0.10	1		11/19/21 02:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/19/21 02:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.13	1		11/19/21 02:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		11/19/21 02:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		11/19/21 02:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.12	1		11/19/21 02:20	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/19/21 02:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/19/21 02:20	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.082	1		11/19/21 02:20	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.46	1		11/19/21 02:20	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		11/19/21 02:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.41	1		11/19/21 02:20	108-10-1	
Styrene	ND	ug/L	1.0	0.082	1		11/19/21 02:20	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.090	1		11/19/21 02:20	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.16	1		11/19/21 02:20	127-18-4	
Toluene	ND	ug/L	1.0	0.11	1		11/19/21 02:20	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.097	1		11/19/21 02:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.11	1		11/19/21 02:20	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.12	1		11/19/21 02:20	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.11	1		11/19/21 02:20	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.11	1		11/19/21 02:20	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%.	78-117		1		11/19/21 02:20	460-00-4	
Dibromofluoromethane (S)	100	%.	78-120		1		11/19/21 02:20	1868-53-7	
Toluene-d8 (S)	98	%.	77-118		1		11/19/21 02:20	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Sample: MW102A **Lab ID: 50302782020** Collected: 11/11/21 10:54 Received: 11/12/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.7	1		11/19/21 02:49	67-64-1	
Benzene	ND	ug/L	1.0	0.11	1		11/19/21 02:49	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.11	1		11/19/21 02:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.11	1		11/19/21 02:49	75-27-4	
Bromoform	ND	ug/L	1.0	0.036	1		11/19/21 02:49	75-25-2	
Bromomethane	ND	ug/L	5.0	0.19	1		11/19/21 02:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/19/21 02:49	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.12	1		11/19/21 02:49	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.065	1		11/19/21 02:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.098	1		11/19/21 02:49	108-90-7	
Chloroethane	ND	ug/L	2.0	0.17	1		11/19/21 02:49	75-00-3	
Chloroform	ND	ug/L	1.0	0.15	1		11/19/21 02:49	67-66-3	
Chloromethane	ND	ug/L	2.0	0.16	1		11/19/21 02:49	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.28	1		11/19/21 02:49	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.041	1		11/19/21 02:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		11/19/21 02:49	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/19/21 02:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/19/21 02:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.12	1		11/19/21 02:49	106-46-7	
1,1-Dichloroethane	**15.8**	ug/L	1.0	0.10	1		11/19/21 02:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/19/21 02:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.13	1		11/19/21 02:49	75-35-4	
cis-1,2-Dichloroethene	**13.2**	ug/L	1.0	0.13	1		11/19/21 02:49	156-59-2	
trans-1,2-Dichloroethene	**0.90J**	ug/L	1.0	0.13	1		11/19/21 02:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.12	1		11/19/21 02:49	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/19/21 02:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/19/21 02:49	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.082	1		11/19/21 02:49	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.46	1		11/19/21 02:49	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		11/19/21 02:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.41	1		11/19/21 02:49	108-10-1	
Styrene	ND	ug/L	1.0	0.082	1		11/19/21 02:49	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.090	1		11/19/21 02:49	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.16	1		11/19/21 02:49	127-18-4	
Toluene	**0.33J**	ug/L	1.0	0.11	1		11/19/21 02:49	108-88-3	
1,1,1-Trichloroethane	**7.6**	ug/L	1.0	0.097	1		11/19/21 02:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.11	1		11/19/21 02:49	79-00-5	
Trichloroethene	**3.0**	ug/L	1.0	0.12	1		11/19/21 02:49	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.11	1		11/19/21 02:49	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.11	1		11/19/21 02:49	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%.	78-117		1		11/19/21 02:49	460-00-4	
Dibromofluoromethane (S)	101	%.	78-120		1		11/19/21 02:49	1868-53-7	
Toluene-d8 (S)	99	%.	77-118		1		11/19/21 02:49	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Sample: MW102B **Lab ID: 50302782021** Collected: 11/11/21 11:32 Received: 11/12/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.7	1		11/19/21 03:18	67-64-1	
Benzene	ND	ug/L	1.0	0.11	1		11/19/21 03:18	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.11	1		11/19/21 03:18	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.11	1		11/19/21 03:18	75-27-4	
Bromoform	ND	ug/L	1.0	0.036	1		11/19/21 03:18	75-25-2	
Bromomethane	ND	ug/L	5.0	0.19	1		11/19/21 03:18	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/19/21 03:18	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.12	1		11/19/21 03:18	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.065	1		11/19/21 03:18	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.098	1		11/19/21 03:18	108-90-7	
Chloroethane	ND	ug/L	2.0	0.17	1		11/19/21 03:18	75-00-3	
Chloroform	ND	ug/L	1.0	0.15	1		11/19/21 03:18	67-66-3	
Chloromethane	ND	ug/L	2.0	0.16	1		11/19/21 03:18	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.28	1		11/19/21 03:18	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.041	1		11/19/21 03:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		11/19/21 03:18	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/19/21 03:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/19/21 03:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.12	1		11/19/21 03:18	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	0.10	1		11/19/21 03:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/19/21 03:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.13	1		11/19/21 03:18	75-35-4	
cis-1,2-Dichloroethene	**1.3**	ug/L	1.0	0.13	1		11/19/21 03:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		11/19/21 03:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.12	1		11/19/21 03:18	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/19/21 03:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/19/21 03:18	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.082	1		11/19/21 03:18	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.46	1		11/19/21 03:18	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		11/19/21 03:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.41	1		11/19/21 03:18	108-10-1	
Styrene	ND	ug/L	1.0	0.082	1		11/19/21 03:18	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.090	1		11/19/21 03:18	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.16	1		11/19/21 03:18	127-18-4	
Toluene	ND	ug/L	1.0	0.11	1		11/19/21 03:18	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.097	1		11/19/21 03:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.11	1		11/19/21 03:18	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.12	1		11/19/21 03:18	79-01-6	
Vinyl chloride	**1.9**	ug/L	1.0	0.11	1		11/19/21 03:18	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.11	1		11/19/21 03:18	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%.	78-117		1		11/19/21 03:18	460-00-4	
Dibromofluoromethane (S)	101	%.	78-120		1		11/19/21 03:18	1868-53-7	
Toluene-d8 (S)	99	%.	77-118		1		11/19/21 03:18	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Sample: MW102C **Lab ID: 50302782022** Collected: 11/11/21 12:23 Received: 11/12/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.3	1		11/15/21 20:26	67-64-1	
Benzene	ND	ug/L	1.0	0.071	1		11/15/21 20:26	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		11/15/21 20:26	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.079	1		11/15/21 20:26	75-27-4	
Bromoform	ND	ug/L	1.0	0.054	1		11/15/21 20:26	75-25-2	
Bromomethane	ND	ug/L	5.0	0.11	1		11/15/21 20:26	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/15/21 20:26	78-93-3	
Carbon disulfide	**3.3J**	ug/L	5.0	0.083	1		11/15/21 20:26	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.039	1		11/15/21 20:26	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.085	1		11/15/21 20:26	108-90-7	
Chloroethane	ND	ug/L	2.0	0.076	1		11/15/21 20:26	75-00-3	
Chloroform	ND	ug/L	1.0	0.11	1		11/15/21 20:26	67-66-3	
Chloromethane	ND	ug/L	2.0	0.098	1		11/15/21 20:26	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.24	1		11/15/21 20:26	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.047	1		11/15/21 20:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.062	1		11/15/21 20:26	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.081	1		11/15/21 20:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.072	1		11/15/21 20:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.080	1		11/15/21 20:26	106-46-7	
1,1-Dichloroethane	**15.8**	ug/L	1.0	0.088	1		11/15/21 20:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.076	1		11/15/21 20:26	107-06-2	
1,1-Dichloroethene	**2.4**	ug/L	1.0	0.048	1		11/15/21 20:26	75-35-4	
cis-1,2-Dichloroethene	**5.2**	ug/L	1.0	0.069	1		11/15/21 20:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.092	1		11/15/21 20:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.086	1		11/15/21 20:26	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.069	1		11/15/21 20:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.063	1		11/15/21 20:26	10061-02-6	L1
Ethylbenzene	ND	ug/L	1.0	0.069	1		11/15/21 20:26	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.38	1		11/15/21 20:26	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.8	1		11/15/21 20:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.38	1		11/15/21 20:26	108-10-1	
Styrene	ND	ug/L	1.0	0.073	1		11/15/21 20:26	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.064	1		11/15/21 20:26	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.15	1		11/15/21 20:26	127-18-4	
Toluene	ND	ug/L	1.0	0.087	1		11/15/21 20:26	108-88-3	
1,1,1-Trichloroethane	**14.0**	ug/L	1.0	0.053	1		11/15/21 20:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.081	1		11/15/21 20:26	79-00-5	
Trichloroethene	**0.60J**	ug/L	1.0	0.077	1		11/15/21 20:26	79-01-6	
Vinyl chloride	**0.82J**	ug/L	1.0	0.073	1		11/15/21 20:26	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.081	1		11/15/21 20:26	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%.	78-117		1		11/15/21 20:26	460-00-4	
Dibromofluoromethane (S)	100	%.	78-120		1		11/15/21 20:26	1868-53-7	
Toluene-d8 (S)	91	%.	77-118		1		11/15/21 20:26	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Sample: MW201 **Lab ID: 50302782023** Collected: 11/11/21 14:30 Received: 11/12/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.3	1		11/15/21 21:54	67-64-1	
Benzene	ND	ug/L	1.0	0.071	1		11/15/21 21:54	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		11/15/21 21:54	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.079	1		11/15/21 21:54	75-27-4	
Bromoform	ND	ug/L	1.0	0.054	1		11/15/21 21:54	75-25-2	
Bromomethane	ND	ug/L	5.0	0.11	1		11/15/21 21:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/15/21 21:54	78-93-3	
Carbon disulfide	**4.4J**	ug/L	5.0	0.083	1		11/15/21 21:54	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.039	1		11/15/21 21:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.085	1		11/15/21 21:54	108-90-7	
Chloroethane	ND	ug/L	2.0	0.076	1		11/15/21 21:54	75-00-3	
Chloroform	ND	ug/L	1.0	0.11	1		11/15/21 21:54	67-66-3	
Chloromethane	ND	ug/L	2.0	0.098	1		11/15/21 21:54	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.24	1		11/15/21 21:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.047	1		11/15/21 21:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.062	1		11/15/21 21:54	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.081	1		11/15/21 21:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.072	1		11/15/21 21:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.080	1		11/15/21 21:54	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	0.088	1		11/15/21 21:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.076	1		11/15/21 21:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.048	1		11/15/21 21:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.069	1		11/15/21 21:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.092	1		11/15/21 21:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.086	1		11/15/21 21:54	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.069	1		11/15/21 21:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.063	1		11/15/21 21:54	10061-02-6	L1
Ethylbenzene	ND	ug/L	1.0	0.069	1		11/15/21 21:54	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.38	1		11/15/21 21:54	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.8	1		11/15/21 21:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.38	1		11/15/21 21:54	108-10-1	
Styrene	ND	ug/L	1.0	0.073	1		11/15/21 21:54	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.064	1		11/15/21 21:54	79-34-5	
Tetrachloroethene	**1.9**	ug/L	1.0	0.15	1		11/15/21 21:54	127-18-4	
Toluene	ND	ug/L	1.0	0.087	1		11/15/21 21:54	108-88-3	
1,1,1-Trichloroethane	**0.82J**	ug/L	1.0	0.053	1		11/15/21 21:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.081	1		11/15/21 21:54	79-00-5	
Trichloroethene	**0.53J**	ug/L	1.0	0.077	1		11/15/21 21:54	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.073	1		11/15/21 21:54	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.081	1		11/15/21 21:54	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%.	78-117		1		11/15/21 21:54	460-00-4	
Dibromofluoromethane (S)	110	%.	78-120		1		11/15/21 21:54	1868-53-7	
Toluene-d8 (S)	90	%.	77-118		1		11/15/21 21:54	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Sample: MW114A **Lab ID: 50302782024** Collected: 11/11/21 15:24 Received: 11/12/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.3	1		11/16/21 02:16	67-64-1	
Benzene	ND	ug/L	1.0	0.071	1		11/16/21 02:16	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		11/16/21 02:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.079	1		11/16/21 02:16	75-27-4	
Bromoform	ND	ug/L	1.0	0.054	1		11/16/21 02:16	75-25-2	
Bromomethane	ND	ug/L	5.0	0.11	1		11/16/21 02:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/16/21 02:16	78-93-3	
Carbon disulfide	**1.4J**	ug/L	5.0	0.083	1		11/16/21 02:16	75-15-0	B
Carbon tetrachloride	ND	ug/L	1.0	0.039	1		11/16/21 02:16	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.085	1		11/16/21 02:16	108-90-7	
Chloroethane	ND	ug/L	2.0	0.076	1		11/16/21 02:16	75-00-3	
Chloroform	ND	ug/L	1.0	0.11	1		11/16/21 02:16	67-66-3	
Chloromethane	ND	ug/L	2.0	0.098	1		11/16/21 02:16	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.24	1		11/16/21 02:16	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.047	1		11/16/21 02:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.062	1		11/16/21 02:16	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.081	1		11/16/21 02:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.072	1		11/16/21 02:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.080	1		11/16/21 02:16	106-46-7	
1,1-Dichloroethane	**8.5**	ug/L	1.0	0.088	1		11/16/21 02:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.076	1		11/16/21 02:16	107-06-2	
1,1-Dichloroethene	**4.8**	ug/L	1.0	0.048	1		11/16/21 02:16	75-35-4	
cis-1,2-Dichloroethene	**4.1**	ug/L	1.0	0.069	1		11/16/21 02:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.092	1		11/16/21 02:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.086	1		11/16/21 02:16	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.069	1		11/16/21 02:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.063	1		11/16/21 02:16	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.069	1		11/16/21 02:16	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.38	1		11/16/21 02:16	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.8	1		11/16/21 02:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.38	1		11/16/21 02:16	108-10-1	
Styrene	ND	ug/L	1.0	0.073	1		11/16/21 02:16	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.064	1		11/16/21 02:16	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.15	1		11/16/21 02:16	127-18-4	
Toluene	ND	ug/L	1.0	0.087	1		11/16/21 02:16	108-88-3	
1,1,1-Trichloroethane	**29.8**	ug/L	1.0	0.053	1		11/16/21 02:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.081	1		11/16/21 02:16	79-00-5	
Trichloroethene	**1.7**	ug/L	1.0	0.077	1		11/16/21 02:16	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.073	1		11/16/21 02:16	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.081	1		11/16/21 02:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105	%.	78-117		1		11/16/21 02:16	460-00-4	
Dibromofluoromethane (S)	106	%.	78-120		1		11/16/21 02:16	1868-53-7	
Toluene-d8 (S)	102	%.	77-118		1		11/16/21 02:16	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Sample: MW114B **Lab ID: 50302782025** Collected: 11/11/21 15:54 Received: 11/12/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.3	1		11/16/21 02:45	67-64-1	
Benzene	ND	ug/L	1.0	0.071	1		11/16/21 02:45	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		11/16/21 02:45	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.079	1		11/16/21 02:45	75-27-4	
Bromoform	ND	ug/L	1.0	0.054	1		11/16/21 02:45	75-25-2	
Bromomethane	ND	ug/L	5.0	0.11	1		11/16/21 02:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/16/21 02:45	78-93-3	
Carbon disulfide	**2.0J**	ug/L	5.0	0.083	1		11/16/21 02:45	75-15-0	B
Carbon tetrachloride	ND	ug/L	1.0	0.039	1		11/16/21 02:45	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.085	1		11/16/21 02:45	108-90-7	
Chloroethane	ND	ug/L	2.0	0.076	1		11/16/21 02:45	75-00-3	
Chloroform	ND	ug/L	1.0	0.11	1		11/16/21 02:45	67-66-3	
Chloromethane	ND	ug/L	2.0	0.098	1		11/16/21 02:45	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.24	1		11/16/21 02:45	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.047	1		11/16/21 02:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.062	1		11/16/21 02:45	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.081	1		11/16/21 02:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.072	1		11/16/21 02:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.080	1		11/16/21 02:45	106-46-7	
1,1-Dichloroethane	**1.8**	ug/L	1.0	0.088	1		11/16/21 02:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.076	1		11/16/21 02:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.048	1		11/16/21 02:45	75-35-4	
cis-1,2-Dichloroethene	**0.79J**	ug/L	1.0	0.069	1		11/16/21 02:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.092	1		11/16/21 02:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.086	1		11/16/21 02:45	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.069	1		11/16/21 02:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.063	1		11/16/21 02:45	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.069	1		11/16/21 02:45	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.38	1		11/16/21 02:45	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.8	1		11/16/21 02:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.38	1		11/16/21 02:45	108-10-1	
Styrene	ND	ug/L	1.0	0.073	1		11/16/21 02:45	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.064	1		11/16/21 02:45	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.15	1		11/16/21 02:45	127-18-4	
Toluene	ND	ug/L	1.0	0.087	1		11/16/21 02:45	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.053	1		11/16/21 02:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.081	1		11/16/21 02:45	79-00-5	
Trichloroethene	**2.4**	ug/L	1.0	0.077	1		11/16/21 02:45	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.073	1		11/16/21 02:45	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.081	1		11/16/21 02:45	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%.	78-117		1		11/16/21 02:45	460-00-4	
Dibromofluoromethane (S)	99	%.	78-120		1		11/16/21 02:45	1868-53-7	
Toluene-d8 (S)	96	%.	77-118		1		11/16/21 02:45	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Sample: FD-2 **Lab ID: 50302782026** Collected: 11/11/21 15:57 Received: 11/12/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.3	1		11/16/21 03:15	67-64-1	
Benzene	ND	ug/L	1.0	0.071	1		11/16/21 03:15	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		11/16/21 03:15	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.079	1		11/16/21 03:15	75-27-4	
Bromoform	ND	ug/L	1.0	0.054	1		11/16/21 03:15	75-25-2	
Bromomethane	ND	ug/L	5.0	0.11	1		11/16/21 03:15	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/16/21 03:15	78-93-3	
Carbon disulfide	**3.4J**	ug/L	5.0	0.083	1		11/16/21 03:15	75-15-0	B
Carbon tetrachloride	ND	ug/L	1.0	0.039	1		11/16/21 03:15	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.085	1		11/16/21 03:15	108-90-7	
Chloroethane	ND	ug/L	2.0	0.076	1		11/16/21 03:15	75-00-3	
Chloroform	ND	ug/L	1.0	0.11	1		11/16/21 03:15	67-66-3	
Chloromethane	ND	ug/L	2.0	0.098	1		11/16/21 03:15	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.24	1		11/16/21 03:15	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.047	1		11/16/21 03:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.062	1		11/16/21 03:15	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.081	1		11/16/21 03:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.072	1		11/16/21 03:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.080	1		11/16/21 03:15	106-46-7	
1,1-Dichloroethane	**1.7**	ug/L	1.0	0.088	1		11/16/21 03:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.076	1		11/16/21 03:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.048	1		11/16/21 03:15	75-35-4	
cis-1,2-Dichloroethene	**0.80J**	ug/L	1.0	0.069	1		11/16/21 03:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.092	1		11/16/21 03:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.086	1		11/16/21 03:15	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.069	1		11/16/21 03:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.063	1		11/16/21 03:15	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.069	1		11/16/21 03:15	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.38	1		11/16/21 03:15	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.8	1		11/16/21 03:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.38	1		11/16/21 03:15	108-10-1	
Styrene	ND	ug/L	1.0	0.073	1		11/16/21 03:15	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.064	1		11/16/21 03:15	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.15	1		11/16/21 03:15	127-18-4	
Toluene	ND	ug/L	1.0	0.087	1		11/16/21 03:15	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.053	1		11/16/21 03:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.081	1		11/16/21 03:15	79-00-5	
Trichloroethene	**2.4**	ug/L	1.0	0.077	1		11/16/21 03:15	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.073	1		11/16/21 03:15	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.081	1		11/16/21 03:15	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%.	78-117		1		11/16/21 03:15	460-00-4	
Dibromofluoromethane (S)	101	%.	78-120		1		11/16/21 03:15	1868-53-7	
Toluene-d8 (S)	97	%.	77-118		1		11/16/21 03:15	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Sample: MW16 **Lab ID: 50302782027** Collected: 11/11/21 16:31 Received: 11/12/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.3	1		11/16/21 03:44	67-64-1	
Benzene	ND	ug/L	1.0	0.071	1		11/16/21 03:44	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		11/16/21 03:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.079	1		11/16/21 03:44	75-27-4	
Bromoform	ND	ug/L	1.0	0.054	1		11/16/21 03:44	75-25-2	
Bromomethane	ND	ug/L	5.0	0.11	1		11/16/21 03:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/16/21 03:44	78-93-3	
Carbon disulfide	**1.5J**	ug/L	5.0	0.083	1		11/16/21 03:44	75-15-0	B
Carbon tetrachloride	ND	ug/L	1.0	0.039	1		11/16/21 03:44	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.085	1		11/16/21 03:44	108-90-7	
Chloroethane	ND	ug/L	2.0	0.076	1		11/16/21 03:44	75-00-3	
Chloroform	ND	ug/L	1.0	0.11	1		11/16/21 03:44	67-66-3	
Chloromethane	ND	ug/L	2.0	0.098	1		11/16/21 03:44	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.24	1		11/16/21 03:44	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.047	1		11/16/21 03:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.062	1		11/16/21 03:44	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.081	1		11/16/21 03:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.072	1		11/16/21 03:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.080	1		11/16/21 03:44	106-46-7	
1,1-Dichloroethane	**57.2**	ug/L	1.0	0.088	1		11/16/21 03:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.076	1		11/16/21 03:44	107-06-2	
1,1-Dichloroethene	**12.6**	ug/L	1.0	0.048	1		11/16/21 03:44	75-35-4	
cis-1,2-Dichloroethene	**4.6**	ug/L	1.0	0.069	1		11/16/21 03:44	156-59-2	
trans-1,2-Dichloroethene	**1.6**	ug/L	1.0	0.092	1		11/16/21 03:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.086	1		11/16/21 03:44	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.069	1		11/16/21 03:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.063	1		11/16/21 03:44	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.069	1		11/16/21 03:44	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.38	1		11/16/21 03:44	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.8	1		11/16/21 03:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.38	1		11/16/21 03:44	108-10-1	
Styrene	ND	ug/L	1.0	0.073	1		11/16/21 03:44	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.064	1		11/16/21 03:44	79-34-5	
Tetrachloroethene	**11.9**	ug/L	1.0	0.15	1		11/16/21 03:44	127-18-4	
Toluene	ND	ug/L	1.0	0.087	1		11/16/21 03:44	108-88-3	
1,1,1-Trichloroethane	**76.6**	ug/L	1.0	0.053	1		11/16/21 03:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.081	1		11/16/21 03:44	79-00-5	
Trichloroethene	**19.1**	ug/L	1.0	0.077	1		11/16/21 03:44	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.073	1		11/16/21 03:44	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.081	1		11/16/21 03:44	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	87	%.	78-117		1		11/16/21 03:44	460-00-4	
Dibromofluoromethane (S)	103	%.	78-120		1		11/16/21 03:44	1868-53-7	
Toluene-d8 (S)	115	%.	77-118		1		11/16/21 03:44	2037-26-5	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302782

QC Batch: 650511
QC Batch Method: EPA 5030B/8260
Analysis Method: EPA 5030B/8260
Analysis Description: 8260 MSV Low Level
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50302782022, 50302782023

METHOD BLANK: 2998247
Matrix: Water
Associated Lab Samples: 50302782022, 50302782023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	0.053	11/15/21 13:09	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.064	11/15/21 13:09	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.081	11/15/21 13:09	
1,1-Dichloroethane	ug/L	ND	1.0	0.088	11/15/21 13:09	
1,1-Dichloroethene	ug/L	ND	1.0	0.048	11/15/21 13:09	
1,2-Dibromo-3-chloropropane	ug/L	ND	10.0	0.24	11/15/21 13:09	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.062	11/15/21 13:09	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.081	11/15/21 13:09	
1,2-Dichloroethane	ug/L	ND	1.0	0.076	11/15/21 13:09	
1,2-Dichloropropane	ug/L	ND	1.0	0.086	11/15/21 13:09	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.072	11/15/21 13:09	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.080	11/15/21 13:09	
2-Butanone (MEK)	ug/L	ND	20.0	0.63	11/15/21 13:09	
2-Hexanone	ug/L	ND	20.0	0.38	11/15/21 13:09	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20.0	0.38	11/15/21 13:09	
Acetone	ug/L	ND	20.0	1.3	11/15/21 13:09	
Benzene	ug/L	ND	1.0	0.071	11/15/21 13:09	
Bromochloromethane	ug/L	ND	1.0	0.14	11/15/21 13:09	
Bromodichloromethane	ug/L	ND	1.0	0.079	11/15/21 13:09	
Bromoform	ug/L	ND	1.0	0.054	11/15/21 13:09	
Bromomethane	ug/L	ND	5.0	0.11	11/15/21 13:09	
Carbon disulfide	ug/L	ND	5.0	0.083	11/15/21 13:09	
Carbon tetrachloride	ug/L	ND	1.0	0.039	11/15/21 13:09	
Chlorobenzene	ug/L	ND	1.0	0.085	11/15/21 13:09	
Chloroethane	ug/L	ND	2.0	0.076	11/15/21 13:09	
Chloroform	ug/L	ND	1.0	0.11	11/15/21 13:09	
Chloromethane	ug/L	ND	2.0	0.098	11/15/21 13:09	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.069	11/15/21 13:09	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.069	11/15/21 13:09	
Dibromochloromethane	ug/L	ND	1.0	0.047	11/15/21 13:09	
Ethylbenzene	ug/L	ND	1.0	0.069	11/15/21 13:09	
Methylene Chloride	ug/L	ND	5.0	1.8	11/15/21 13:09	
Styrene	ug/L	ND	1.0	0.073	11/15/21 13:09	
Tetrachloroethene	ug/L	ND	1.0	0.15	11/15/21 13:09	
Toluene	ug/L	ND	1.0	0.087	11/15/21 13:09	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.092	11/15/21 13:09	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.063	11/15/21 13:09	
Trichloroethene	ug/L	ND	1.0	0.077	11/15/21 13:09	
Vinyl chloride	ug/L	ND	1.0	0.073	11/15/21 13:09	
Xylene (Total)	ug/L	ND	3.0	0.081	11/15/21 13:09	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302782

METHOD BLANK: 2998247 Matrix: Water
Associated Lab Samples: 50302782022, 50302782023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
4-Bromofluorobenzene (S)	%.	98	78-117		11/15/21 13:09	
Dibromofluoromethane (S)	%.	100	78-120		11/15/21 13:09	
Toluene-d8 (S)	%.	105	77-118		11/15/21 13:09	

LABORATORY CONTROL SAMPLE: 2998248

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.8	106	73-132	
1,1,2,2-Tetrachloroethane	ug/L	50	50.8	102	65-131	
1,1,2-Trichloroethane	ug/L	50	51.0	102	74-127	
1,1-Dichloroethane	ug/L	50	50.7	101	73-133	
1,1-Dichloroethene	ug/L	50	52.7	105	67-136	
1,2-Dibromo-3-chloropropane	ug/L	50	44.4	89	71-133	
1,2-Dibromoethane (EDB)	ug/L	50	52.6	105	76-126	
1,2-Dichlorobenzene	ug/L	50	48.2	96	75-114	
1,2-Dichloroethane	ug/L	50	48.5	97	69-135	
1,2-Dichloropropane	ug/L	50	52.0	104	78-134	
1,3-Dichlorobenzene	ug/L	50	47.8	96	70-119	
1,4-Dichlorobenzene	ug/L	50	47.4	95	69-117	
2-Butanone (MEK)	ug/L	250	220	88	56-164	
2-Hexanone	ug/L	250	230	92	63-137	
4-Methyl-2-pentanone (MIBK)	ug/L	250	240	96	64-134	
Acetone	ug/L	250	207	83	46-140	
Benzene	ug/L	50	49.0	98	77-128	
Bromochloromethane	ug/L	50	47.4	95	71-124	
Bromodichloromethane	ug/L	50	57.4	115	70-124	
Bromoform	ug/L	50	48.3	97	65-116	
Bromomethane	ug/L	50	42.9	86	10-200	
Carbon disulfide	ug/L	50	51.1	102	70-131	
Carbon tetrachloride	ug/L	50	48.3	97	61-139	
Chlorobenzene	ug/L	50	47.5	95	76-124	
Chloroethane	ug/L	50	55.8	112	56-142	
Chloroform	ug/L	50	49.6	99	77-120	
Chloromethane	ug/L	50	42.1	84	29-141	
cis-1,2-Dichloroethene	ug/L	50	50.2	100	72-127	
cis-1,3-Dichloropropene	ug/L	50	56.2	112	71-131	
Dibromochloromethane	ug/L	50	57.9	116	69-132	
Ethylbenzene	ug/L	50	50.1	100	76-119	
Methylene Chloride	ug/L	50	48.4	97	72-129	
Styrene	ug/L	50	46.7	93	66-123	
Tetrachloroethene	ug/L	50	53.3	107	70-124	
Toluene	ug/L	50	49.0	98	72-117	
trans-1,2-Dichloroethene	ug/L	50	50.8	102	75-133	
trans-1,3-Dichloropropene	ug/L	50	56.6	113	75-111	L1

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302782

LABORATORY CONTROL SAMPLE: 2998248

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichloroethene	ug/L	50	51.5	103	75-130	
Vinyl chloride	ug/L	50	54.6	109	51-140	
Xylene (Total)	ug/L	150	136	90	73-117	
4-Bromofluorobenzene (S)	%.			92	78-117	
Dibromofluoromethane (S)	%.			102	78-120	
Toluene-d8 (S)	%.			100	77-118	

MATRIX SPIKE SAMPLE: 2998390

Parameter	Units	50302782022 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	14.0	50	60.1	92	53-161	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	43.0	86	58-134	
1,1,2-Trichloroethane	ug/L	ND	50	43.0	86	60-141	
1,1-Dichloroethane	ug/L	15.8	50	60.1	89	67-140	
1,1-Dichloroethene	ug/L	2.4	50	42.6	81	59-154	
1,2-Dibromo-3-chloropropane	ug/L	ND	50	34.1	68	56-137	
1,2-Dibromoethane (EDB)	ug/L	ND	50	43.4	87	54-144	
1,2-Dichlorobenzene	ug/L	ND	50	36.4	73	17-145	
1,2-Dichloroethane	ug/L	ND	50	42.2	84	66-130	
1,2-Dichloropropane	ug/L	ND	50	43.4	87	65-136	
1,3-Dichlorobenzene	ug/L	ND	50	38.3	77	10-146	
1,4-Dichlorobenzene	ug/L	ND	50	37.9	76	17-141	
2-Butanone (MEK)	ug/L	ND	250	181	72	49-173	
2-Hexanone	ug/L	ND	250	187	75	57-142	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	194	78	59-139	
Acetone	ug/L	ND	250	153	61	44-171	
Benzene	ug/L	ND	50	42.4	85	69-128	
Bromochloromethane	ug/L	ND	50	42.0	84	58-138	
Bromodichloromethane	ug/L	ND	50	47.5	95	51-138	
Bromoform	ug/L	ND	50	37.5	75	43-130	
Bromomethane	ug/L	ND	50	18.5	37	10-195	
Carbon disulfide	ug/L	3.3J	50	41.8	77	37-149	
Carbon tetrachloride	ug/L	ND	50	41.7	83	39-155	
Chlorobenzene	ug/L	ND	50	40.4	81	28-147	
Chloroethane	ug/L	ND	50	43.6	87	58-158	
Chloroform	ug/L	ND	50	42.6	85	54-141	
Chloromethane	ug/L	ND	50	35.3	71	41-145	
cis-1,2-Dichloroethene	ug/L	5.2	50	49.3	88	45-150	
cis-1,3-Dichloropropene	ug/L	ND	50	44.5	89	42-139	
Dibromochloromethane	ug/L	ND	50	46.9	94	48-139	
Ethylbenzene	ug/L	ND	50	42.5	85	36-144	
Methylene Chloride	ug/L	ND	50	34.0	68	58-136	
Styrene	ug/L	ND	50	41.4	83	19-143	
Tetrachloroethene	ug/L	ND	50	43.1	86	26-148	
Toluene	ug/L	ND	50	41.2	82	46-134	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302782

MATRIX SPIKE SAMPLE: 2998390

Parameter	Units	50302782022 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	ND	50	38.5	77	43-155	
trans-1,3-Dichloropropene	ug/L	ND	50	44.1	88	39-132	
Trichloroethene	ug/L	0.60J	50	44.1	87	35-151	
Vinyl chloride	ug/L	0.82J	50	44.0	86	59-146	
Xylene (Total)	ug/L	ND	150	120	80	32-140	
4-Bromofluorobenzene (S)	%.				96	78-117	
Dibromofluoromethane (S)	%.				101	78-120	
Toluene-d8 (S)	%.				98	77-118	

SAMPLE DUPLICATE: 2998391

Parameter	Units	50302782023 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	0.82J	0.79J		20	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		20	
1,1,2-Trichloroethane	ug/L	ND	ND		20	
1,1-Dichloroethane	ug/L	ND	ND		20	
1,1-Dichloroethene	ug/L	ND	ND		20	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		20	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		20	
1,2-Dichlorobenzene	ug/L	ND	ND		20	
1,2-Dichloroethane	ug/L	ND	ND		20	
1,2-Dichloropropane	ug/L	ND	ND		20	
1,3-Dichlorobenzene	ug/L	ND	ND		20	
1,4-Dichlorobenzene	ug/L	ND	ND		20	
2-Butanone (MEK)	ug/L	ND	ND		20	
2-Hexanone	ug/L	ND	ND		20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		20	
Acetone	ug/L	ND	ND		20	
Benzene	ug/L	ND	ND		20	
Bromochloromethane	ug/L	ND	ND		20	
Bromodichloromethane	ug/L	ND	ND		20	
Bromoform	ug/L	ND	ND		20	
Bromomethane	ug/L	ND	ND		20	
Carbon disulfide	ug/L	4.4J	3.1J		20	
Carbon tetrachloride	ug/L	ND	ND		20	
Chlorobenzene	ug/L	ND	ND		20	
Chloroethane	ug/L	ND	ND		20	
Chloroform	ug/L	ND	ND		20	
Chloromethane	ug/L	ND	ND		20	
cis-1,2-Dichloroethene	ug/L	ND	0.39J		20	
cis-1,3-Dichloropropene	ug/L	ND	ND		20	
Dibromochloromethane	ug/L	ND	ND		20	
Ethylbenzene	ug/L	ND	ND		20	
Methylene Chloride	ug/L	ND	ND		20	
Styrene	ug/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302782

SAMPLE DUPLICATE: 2998391

Parameter	Units	50302782023 Result	Dup Result	RPD	Max RPD	Qualifiers
Tetrachloroethene	ug/L	1.9	2.2	15	20	
Toluene	ug/L	ND	ND		20	
trans-1,2-Dichloroethene	ug/L	ND	ND		20	
trans-1,3-Dichloropropene	ug/L	ND	ND		20	
Trichloroethene	ug/L	0.53J	0.51J		20	
Vinyl chloride	ug/L	ND	ND		20	
Xylene (Total)	ug/L	ND	ND		20	
4-Bromofluorobenzene (S)	%.	96	90			
Dibromofluoromethane (S)	%.	110	99			
Toluene-d8 (S)	%.	90	98			

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302782

QC Batch: 650512
QC Batch Method: EPA 5030B/8260
Analysis Method: EPA 5030B/8260
Analysis Description: 8260 MSV Low Level
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50302782003, 50302782008, 50302782009, 50302782011, 50302782012, 50302782013, 50302782014, 50302782015, 50302782016

METHOD BLANK: 2998250
Matrix: Water
Associated Lab Samples: 50302782003, 50302782008, 50302782009, 50302782011, 50302782012, 50302782013, 50302782014, 50302782015, 50302782016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	0.097	11/15/21 13:24	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.090	11/15/21 13:24	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.11	11/15/21 13:24	
1,1-Dichloroethane	ug/L	ND	1.0	0.10	11/15/21 13:24	
1,1-Dichloroethene	ug/L	ND	1.0	0.13	11/15/21 13:24	
1,2-Dibromo-3-chloropropane	ug/L	ND	10.0	0.28	11/15/21 13:24	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.10	11/15/21 13:24	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.11	11/15/21 13:24	
1,2-Dichloroethane	ug/L	ND	1.0	0.12	11/15/21 13:24	
1,2-Dichloropropane	ug/L	ND	1.0	0.12	11/15/21 13:24	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.11	11/15/21 13:24	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.12	11/15/21 13:24	
2-Butanone (MEK)	ug/L	ND	20.0	0.63	11/15/21 13:24	
2-Hexanone	ug/L	ND	20.0	0.46	11/15/21 13:24	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20.0	0.41	11/15/21 13:24	
Acetone	ug/L	ND	20.0	1.7	11/15/21 13:24	
Benzene	ug/L	ND	1.0	0.11	11/15/21 13:24	
Bromochloromethane	ug/L	ND	1.0	0.11	11/15/21 13:24	
Bromodichloromethane	ug/L	ND	1.0	0.11	11/15/21 13:24	
Bromoform	ug/L	ND	1.0	0.036	11/15/21 13:24	
Bromomethane	ug/L	ND	5.0	0.19	11/15/21 13:24	
Carbon disulfide	ug/L	ND	5.0	0.12	11/15/21 13:24	
Carbon tetrachloride	ug/L	ND	1.0	0.065	11/15/21 13:24	
Chlorobenzene	ug/L	ND	1.0	0.098	11/15/21 13:24	
Chloroethane	ug/L	ND	2.0	0.17	11/15/21 13:24	
Chloroform	ug/L	ND	1.0	0.15	11/15/21 13:24	
Chloromethane	ug/L	ND	2.0	0.16	11/15/21 13:24	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.13	11/15/21 13:24	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.057	11/15/21 13:24	
Dibromochloromethane	ug/L	ND	1.0	0.041	11/15/21 13:24	
Ethylbenzene	ug/L	ND	1.0	0.082	11/15/21 13:24	
Methylene Chloride	ug/L	ND	5.0	1.6	11/15/21 13:24	
Styrene	ug/L	ND	1.0	0.082	11/15/21 13:24	
Tetrachloroethene	ug/L	ND	1.0	0.16	11/15/21 13:24	
Toluene	ug/L	ND	1.0	0.11	11/15/21 13:24	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.13	11/15/21 13:24	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.057	11/15/21 13:24	
Trichloroethene	ug/L	ND	1.0	0.12	11/15/21 13:24	
Vinyl chloride	ug/L	ND	1.0	0.11	11/15/21 13:24	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302782

METHOD BLANK: 2998250 Matrix: Water

Associated Lab Samples: 50302782003, 50302782008, 50302782009, 50302782011, 50302782012, 50302782013, 50302782014, 50302782015, 50302782016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Xylene (Total)	ug/L	ND	3.0	0.11	11/15/21 13:24	
4-Bromofluorobenzene (S)	%.	99	78-117		11/15/21 13:24	
Dibromofluoromethane (S)	%.	99	78-120		11/15/21 13:24	
Toluene-d8 (S)	%.	99	77-118		11/15/21 13:24	

LABORATORY CONTROL SAMPLE: 2998251

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	57.0	114	73-132	
1,1,2,2-Tetrachloroethane	ug/L	50	54.6	109	65-131	
1,1,2-Trichloroethane	ug/L	50	51.8	104	74-127	
1,1-Dichloroethane	ug/L	50	53.2	106	73-133	
1,1-Dichloroethene	ug/L	50	61.4	123	67-136	
1,2-Dibromo-3-chloropropane	ug/L	50	49.0	98	71-133	
1,2-Dibromoethane (EDB)	ug/L	50	53.1	106	76-126	
1,2-Dichlorobenzene	ug/L	50	50.2	100	75-114	
1,2-Dichloroethane	ug/L	50	50.5	101	69-135	
1,2-Dichloropropane	ug/L	50	55.1	110	78-134	
1,3-Dichlorobenzene	ug/L	50	49.4	99	70-119	
1,4-Dichlorobenzene	ug/L	50	49.2	98	69-117	
2-Butanone (MEK)	ug/L	250	235	94	56-164	
2-Hexanone	ug/L	250	240	96	63-137	
4-Methyl-2-pentanone (MIBK)	ug/L	250	246	99	64-134	
Acetone	ug/L	250	241	97	46-140	
Benzene	ug/L	50	52.3	105	77-128	
Bromochloromethane	ug/L	50	49.3	99	71-124	
Bromodichloromethane	ug/L	50	61.2	122	70-124	
Bromoform	ug/L	50	48.2	96	65-116	
Bromomethane	ug/L	50	47.5	95	10-200	
Carbon disulfide	ug/L	50	56.4	113	70-131	
Carbon tetrachloride	ug/L	50	51.9	104	61-139	
Chlorobenzene	ug/L	50	50.3	101	76-124	
Chloroethane	ug/L	50	66.6	133	56-142	
Chloroform	ug/L	50	53.3	107	77-120	
Chloromethane	ug/L	50	49.0	98	29-141	
cis-1,2-Dichloroethene	ug/L	50	53.4	107	72-127	
cis-1,3-Dichloropropene	ug/L	50	57.1	114	71-131	
Dibromochloromethane	ug/L	50	49.4	99	69-132	
Ethylbenzene	ug/L	50	53.7	107	76-119	
Methylene Chloride	ug/L	50	52.9	106	72-129	
Styrene	ug/L	50	54.0	108	66-123	
Tetrachloroethene	ug/L	50	52.4	105	70-124	
Toluene	ug/L	50	50.9	102	72-117	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302782

LABORATORY CONTROL SAMPLE: 2998251

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	50	55.5	111	75-133	
trans-1,3-Dichloropropene	ug/L	50	56.7	113	75-111	L1
Trichloroethene	ug/L	50	55.5	111	75-130	
Vinyl chloride	ug/L	50	63.1	126	51-140	
Xylene (Total)	ug/L	150	153	102	73-117	
4-Bromofluorobenzene (S)	%.			99	78-117	
Dibromofluoromethane (S)	%.			101	78-120	
Toluene-d8 (S)	%.			97	77-118	

MATRIX SPIKE SAMPLE: 2998252

Parameter	Units	50302782011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	18.0	50	67.0	98	53-161	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	44.7	89	58-134	
1,1,2-Trichloroethane	ug/L	ND	50	43.6	87	60-141	
1,1-Dichloroethane	ug/L	18.8	50	66.1	95	67-140	
1,1-Dichloroethene	ug/L	6.6	50	55.4	98	59-154	
1,2-Dibromo-3-chloropropane	ug/L	ND	50	36.6	73	56-137	
1,2-Dibromoethane (EDB)	ug/L	ND	50	44.9	90	54-144	
1,2-Dichlorobenzene	ug/L	ND	50	40.2	80	17-145	
1,2-Dichloroethane	ug/L	ND	50	42.3	85	66-130	
1,2-Dichloropropane	ug/L	ND	50	44.9	90	65-136	
1,3-Dichlorobenzene	ug/L	ND	50	39.2	78	10-146	
1,4-Dichlorobenzene	ug/L	ND	50	38.7	77	17-141	
2-Butanone (MEK)	ug/L	ND	250	190	76	49-173	
2-Hexanone	ug/L	ND	250	202	81	57-142	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	210	84	59-139	
Acetone	ug/L	ND	250	177	71	44-171	
Benzene	ug/L	ND	50	43.8	88	69-128	
Bromochloromethane	ug/L	ND	50	42.4	85	58-138	
Bromodichloromethane	ug/L	ND	50	50.2	100	51-138	
Bromoform	ug/L	ND	50	38.0	76	43-130	
Bromomethane	ug/L	ND	50	32.2	64	10-195	
Carbon disulfide	ug/L	1.9J	50	46.2	89	37-149	
Carbon tetrachloride	ug/L	ND	50	44.3	89	39-155	
Chlorobenzene	ug/L	ND	50	42.1	84	28-147	
Chloroethane	ug/L	ND	50	53.6	107	58-158	
Chloroform	ug/L	ND	50	44.4	89	54-141	
Chloromethane	ug/L	ND	50	37.7	75	41-145	
cis-1,2-Dichloroethene	ug/L	1.2	50	46.2	90	45-150	
cis-1,3-Dichloropropene	ug/L	ND	50	47.0	94	42-139	
Dibromochloromethane	ug/L	ND	50	40.6	81	48-139	
Ethylbenzene	ug/L	ND	50	44.4	89	36-144	
Methylene Chloride	ug/L	ND	50	34.5	69	58-136	
Styrene	ug/L	ND	50	44.5	89	19-143	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302782

MATRIX SPIKE SAMPLE: 2998252

Parameter	Units	50302782011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/L	12.8	50	55.7	86	26-148	
Toluene	ug/L	ND	50	43.8	88	46-134	
trans-1,2-Dichloroethene	ug/L	ND	50	40.2	80	43-155	
trans-1,3-Dichloropropene	ug/L	ND	50	46.2	92	39-132	
Trichloroethene	ug/L	6.2	50	52.4	92	35-151	
Vinyl chloride	ug/L	ND	50	50.0	100	59-146	
Xylene (Total)	ug/L	ND	150	128	85	32-140	
4-Bromofluorobenzene (S)	%.				100	78-117	
Dibromofluoromethane (S)	%.				101	78-120	
Toluene-d8 (S)	%.				100	77-118	

SAMPLE DUPLICATE: 2998253

Parameter	Units	50302782012 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	17.7	16.8	5	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		20	
1,1,2-Trichloroethane	ug/L	ND	ND		20	
1,1-Dichloroethane	ug/L	18.5	18.5	0	20	
1,1-Dichloroethene	ug/L	6.9	5.8	18	20	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		20	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		20	
1,2-Dichlorobenzene	ug/L	ND	ND		20	
1,2-Dichloroethane	ug/L	ND	ND		20	
1,2-Dichloropropane	ug/L	ND	ND		20	
1,3-Dichlorobenzene	ug/L	ND	ND		20	
1,4-Dichlorobenzene	ug/L	ND	ND		20	
2-Butanone (MEK)	ug/L	ND	ND		20	
2-Hexanone	ug/L	ND	ND		20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		20	
Acetone	ug/L	ND	ND		20	
Benzene	ug/L	ND	ND		20	
Bromochloromethane	ug/L	ND	ND		20	
Bromodichloromethane	ug/L	ND	ND		20	
Bromoform	ug/L	ND	ND		20	
Bromomethane	ug/L	ND	ND		20	
Carbon disulfide	ug/L	ND	ND		20	
Carbon tetrachloride	ug/L	ND	ND		20	
Chlorobenzene	ug/L	ND	ND		20	
Chloroethane	ug/L	ND	ND		20	
Chloroform	ug/L	ND	ND		20	
Chloromethane	ug/L	ND	ND		20	
cis-1,2-Dichloroethene	ug/L	0.92J	1.1		20	
cis-1,3-Dichloropropene	ug/L	ND	ND		20	
Dibromochloromethane	ug/L	ND	ND		20	
Ethylbenzene	ug/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302782

SAMPLE DUPLICATE: 2998253

Parameter	Units	50302782012 Result	Dup Result	RPD	Max RPD	Qualifiers
Methylene Chloride	ug/L	ND	ND		20	
Styrene	ug/L	ND	ND		20	
Tetrachloroethene	ug/L	12.4	12.4	0	20	
Toluene	ug/L	ND	ND		20	
trans-1,2-Dichloroethene	ug/L	ND	ND		20	
trans-1,3-Dichloropropene	ug/L	ND	ND		20	
Trichloroethene	ug/L	6.3	6.1	3	20	
Vinyl chloride	ug/L	ND	ND		20	
Xylene (Total)	ug/L	ND	ND		20	
4-Bromofluorobenzene (S)	%.	97	97			
Dibromofluoromethane (S)	%.	102	100			
Toluene-d8 (S)	%.	97	98			

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302782

QC Batch: 650559
QC Batch Method: EPA 5030B/8260
Analysis Method: EPA 5030B/8260
Analysis Description: 8260 MSV Low Level
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50302782017, 50302782018, 50302782024, 50302782025, 50302782026, 50302782027

METHOD BLANK: 2998435
Matrix: Water
Associated Lab Samples: 50302782017, 50302782018, 50302782024, 50302782025, 50302782026, 50302782027

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	0.053	11/16/21 00:49	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.064	11/16/21 00:49	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.081	11/16/21 00:49	
1,1-Dichloroethane	ug/L	ND	1.0	0.088	11/16/21 00:49	
1,1-Dichloroethene	ug/L	ND	1.0	0.048	11/16/21 00:49	
1,2-Dibromo-3-chloropropane	ug/L	ND	10.0	0.24	11/16/21 00:49	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.062	11/16/21 00:49	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.081	11/16/21 00:49	
1,2-Dichloroethane	ug/L	ND	1.0	0.076	11/16/21 00:49	
1,2-Dichloropropane	ug/L	ND	1.0	0.086	11/16/21 00:49	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.072	11/16/21 00:49	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.080	11/16/21 00:49	
2-Butanone (MEK)	ug/L	ND	20.0	0.63	11/16/21 00:49	
2-Hexanone	ug/L	ND	20.0	0.38	11/16/21 00:49	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20.0	0.38	11/16/21 00:49	
Acetone	ug/L	ND	20.0	1.3	11/16/21 00:49	
Benzene	ug/L	ND	1.0	0.071	11/16/21 00:49	
Bromochloromethane	ug/L	ND	1.0	0.14	11/16/21 00:49	
Bromodichloromethane	ug/L	ND	1.0	0.079	11/16/21 00:49	
Bromoform	ug/L	ND	1.0	0.054	11/16/21 00:49	
Bromomethane	ug/L	ND	5.0	0.11	11/16/21 00:49	
Carbon disulfide	ug/L	2.2J	5.0	0.083	11/16/21 00:49	
Carbon tetrachloride	ug/L	ND	1.0	0.039	11/16/21 00:49	
Chlorobenzene	ug/L	ND	1.0	0.085	11/16/21 00:49	
Chloroethane	ug/L	ND	2.0	0.076	11/16/21 00:49	
Chloroform	ug/L	ND	1.0	0.11	11/16/21 00:49	
Chloromethane	ug/L	ND	2.0	0.098	11/16/21 00:49	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.069	11/16/21 00:49	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.069	11/16/21 00:49	
Dibromochloromethane	ug/L	ND	1.0	0.047	11/16/21 00:49	
Ethylbenzene	ug/L	ND	1.0	0.069	11/16/21 00:49	
Methylene Chloride	ug/L	ND	5.0	1.8	11/16/21 00:49	
Styrene	ug/L	ND	1.0	0.073	11/16/21 00:49	
Tetrachloroethene	ug/L	ND	1.0	0.15	11/16/21 00:49	
Toluene	ug/L	ND	1.0	0.087	11/16/21 00:49	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.092	11/16/21 00:49	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.063	11/16/21 00:49	
Trichloroethene	ug/L	ND	1.0	0.077	11/16/21 00:49	
Vinyl chloride	ug/L	ND	1.0	0.073	11/16/21 00:49	
Xylene (Total)	ug/L	ND	3.0	0.081	11/16/21 00:49	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302782

METHOD BLANK: 2998435 Matrix: Water
Associated Lab Samples: 50302782017, 50302782018, 50302782024, 50302782025, 50302782026, 50302782027

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
4-Bromofluorobenzene (S)	%.	91	78-117		11/16/21 00:49	
Dibromofluoromethane (S)	%.	103	78-120		11/16/21 00:49	
Toluene-d8 (S)	%.	98	77-118		11/16/21 00:49	

LABORATORY CONTROL SAMPLE: 2998436

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	51.5	103	73-132	
1,1,2,2-Tetrachloroethane	ug/L	50	51.7	103	65-131	
1,1,2-Trichloroethane	ug/L	50	48.1	96	74-127	
1,1-Dichloroethane	ug/L	50	48.6	97	73-133	
1,1-Dichloroethene	ug/L	50	49.8	100	67-136	
1,2-Dibromo-3-chloropropane	ug/L	50	43.5	87	71-133	
1,2-Dibromoethane (EDB)	ug/L	50	50.8	102	76-126	
1,2-Dichlorobenzene	ug/L	50	45.6	91	75-114	
1,2-Dichloroethane	ug/L	50	49.2	98	69-135	
1,2-Dichloropropane	ug/L	50	50.4	101	78-134	
1,3-Dichlorobenzene	ug/L	50	45.3	91	70-119	
1,4-Dichlorobenzene	ug/L	50	44.4	89	69-117	
2-Butanone (MEK)	ug/L	250	223	89	56-164	
2-Hexanone	ug/L	250	223	89	63-137	
4-Methyl-2-pentanone (MIBK)	ug/L	250	261	104	64-134	
Acetone	ug/L	250	212	85	46-140	
Benzene	ug/L	50	46.9	94	77-128	
Bromochloromethane	ug/L	50	47.6	95	71-124	
Bromodichloromethane	ug/L	50	56.3	113	70-124	
Bromoform	ug/L	50	45.5	91	65-116	
Bromomethane	ug/L	50	37.2	74	10-200	
Carbon disulfide	ug/L	50	49.1	98	70-131	
Carbon tetrachloride	ug/L	50	46.8	94	61-139	
Chlorobenzene	ug/L	50	45.6	91	76-124	
Chloroethane	ug/L	50	47.2	94	56-142	
Chloroform	ug/L	50	49.2	98	77-120	
Chloromethane	ug/L	50	37.2	74	29-141	
cis-1,2-Dichloroethene	ug/L	50	49.8	100	72-127	
cis-1,3-Dichloropropene	ug/L	50	57.8	116	71-131	
Dibromochloromethane	ug/L	50	56.8	114	69-132	
Ethylbenzene	ug/L	50	47.1	94	76-119	
Methylene Chloride	ug/L	50	47.8	96	72-129	
Styrene	ug/L	50	49.2	98	66-123	
Tetrachloroethene	ug/L	50	48.0	96	70-124	
Toluene	ug/L	50	46.6	93	72-117	
trans-1,2-Dichloroethene	ug/L	50	48.0	96	75-133	
trans-1,3-Dichloropropene	ug/L	50	55.1	110	75-111	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302782

LABORATORY CONTROL SAMPLE: 2998436

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichloroethene	ug/L	50	49.3	99	75-130	
Vinyl chloride	ug/L	50	46.9	94	51-140	
Xylene (Total)	ug/L	150	137	91	73-117	
4-Bromofluorobenzene (S)	%.			104	78-117	
Dibromofluoromethane (S)	%.			104	78-120	
Toluene-d8 (S)	%.			101	77-118	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2998437 2998438

Parameter	Units	50302739002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<1.0	50	50	54.4	56.4	109	113	53-161	4	20	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	50.9	46.9	102	94	58-134	8	20	
1,1,2-Trichloroethane	ug/L	<1.0	50	50	45.4	49.5	91	99	60-141	9	20	
1,1-Dichloroethane	ug/L	<1.0	50	50	49.2	51.9	98	104	67-140	5	20	
1,1-Dichloroethene	ug/L	<1.0	50	50	51.1	52.6	102	105	59-154	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<5.0	50	50	45.0	37.7	90	75	56-137	18	20	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	50	52.2	52.2	104	104	54-144	0	20	
1,2-Dichlorobenzene	ug/L	<1.0	50	50	41.2	41.3	82	83	17-145	0	20	
1,2-Dichloroethane	ug/L	<1.0	50	50	49.3	51.7	99	103	66-130	5	20	
1,2-Dichloropropane	ug/L	<1.0	50	50	42.0	50.9	84	102	65-136	19	20	
1,3-Dichlorobenzene	ug/L	<1.0	50	50	38.6	41.5	77	83	10-146	7	20	
1,4-Dichlorobenzene	ug/L	<1.0	50	50	38.1	42.1	76	84	17-141	10	20	
2-Butanone (MEK)	ug/L	<5.0	250	250	201	215	81	86	49-173	6	20	
2-Hexanone	ug/L	<5.0	250	250	227	203	91	81	57-142	11	20	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	250	250	222	218	89	87	59-139	2	20	
Acetone	ug/L	<20.0	250	250	199	207	80	83	44-171	4	20	
Benzene	ug/L	<1.0	50	50	47.3	49.0	95	98	69-128	4	20	
Bromochloromethane	ug/L	<1.0	50	50	49.4	50.6	99	101	58-138	2	20	
Bromodichloromethane	ug/L	<1.0	50	50	50.3	59.1	101	118	51-138	16	20	
Bromoform	ug/L	<1.0	50	50	42.8	39.6	86	79	43-130	8	20	
Bromomethane	ug/L	<5.0	50	50	11.8	13.2	24	26	10-195	11	20	
Carbon disulfide	ug/L	<1.0	50	50	43.6	46.0	87	92	37-149	5	20	
Carbon tetrachloride	ug/L	<1.0	50	50	48.6	50.5	97	101	39-155	4	20	
Chlorobenzene	ug/L	<1.0	50	50	46.4	46.1	93	92	28-147	1	20	
Chloroethane	ug/L	<5.0	50	50	105	104	210	208	58-158	1	20	M1
Chloroform	ug/L	<1.0	50	50	49.4	51.5	99	103	54-141	4	20	
Chloromethane	ug/L	<5.0	50	50	40.5	44.7	81	89	41-145	10	20	
cis-1,2-Dichloroethene	ug/L	<1.0	50	50	48.3	50.2	97	100	45-150	4	20	
cis-1,3-Dichloropropene	ug/L	<1.0	50	50	50.1	48.6	100	97	42-139	3	20	
Dibromochloromethane	ug/L	<1.0	50	50	53.7	59.1	107	118	48-139	10	20	
Ethylbenzene	ug/L	<1.0	50	50	49.3	47.5	99	95	36-144	4	20	
Methylene Chloride	ug/L	<5.0	50	50	44.1	46.2	88	92	58-136	5	20	
Styrene	ug/L	<1.0	50	50	49.5	48.6	99	97	19-143	2	20	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302782

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2998437 2998438

Parameter	Units	50302739002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Tetrachloroethene	ug/L	<1.0	50	50	48.5	48.8	97	98	26-148	1	20	
Toluene	ug/L	<1.0	50	50	49.5	46.1	99	92	46-134	7	20	
trans-1,2-Dichloroethene	ug/L	<1.0	50	50	47.3	48.5	95	97	43-155	2	20	
trans-1,3-Dichloropropene	ug/L	<1.0	50	50	52.2	48.4	104	97	39-132	8	20	
Trichloroethene	ug/L	<1.0	50	50	48.1	50.3	96	101	35-151	4	20	
Vinyl chloride	ug/L	<1.0	50	50	40.5	41.0	81	82	59-146	1	20	
Xylene (Total)	ug/L	<2.0	150	150	143	137	95	92	32-140	4	20	
4-Bromofluorobenzene (S)	%.						106	101	78-117			
Dibromofluoromethane (S)	%.						103	105	78-120			
Toluene-d8 (S)	%.						104	97	77-118			

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302782

QC Batch: 651326
QC Batch Method: EPA 5030B/8260
Analysis Method: EPA 5030B/8260
Analysis Description: 8260 MSV Low Level
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50302782001, 50302782002, 50302782004, 50302782005, 50302782006, 50302782007, 50302782010, 50302782019, 50302782020, 50302782021

METHOD BLANK: 3001935
Matrix: Water
Associated Lab Samples: 50302782001, 50302782002, 50302782004, 50302782005, 50302782006, 50302782007, 50302782010, 50302782019, 50302782020, 50302782021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	0.097	11/18/21 22:26	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.090	11/18/21 22:26	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.11	11/18/21 22:26	
1,1-Dichloroethane	ug/L	ND	1.0	0.10	11/18/21 22:26	
1,1-Dichloroethene	ug/L	ND	1.0	0.13	11/18/21 22:26	
1,2-Dibromo-3-chloropropane	ug/L	ND	10.0	0.28	11/18/21 22:26	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.10	11/18/21 22:26	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.11	11/18/21 22:26	
1,2-Dichloroethane	ug/L	ND	1.0	0.12	11/18/21 22:26	
1,2-Dichloropropane	ug/L	ND	1.0	0.12	11/18/21 22:26	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.11	11/18/21 22:26	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.12	11/18/21 22:26	
2-Butanone (MEK)	ug/L	ND	20.0	0.63	11/18/21 22:26	
2-Hexanone	ug/L	ND	20.0	0.46	11/18/21 22:26	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20.0	0.41	11/18/21 22:26	
Acetone	ug/L	ND	20.0	1.7	11/18/21 22:26	
Benzene	ug/L	ND	1.0	0.11	11/18/21 22:26	
Bromochloromethane	ug/L	ND	1.0	0.11	11/18/21 22:26	
Bromodichloromethane	ug/L	ND	1.0	0.11	11/18/21 22:26	
Bromoform	ug/L	ND	1.0	0.036	11/18/21 22:26	
Bromomethane	ug/L	ND	5.0	0.19	11/18/21 22:26	
Carbon disulfide	ug/L	ND	5.0	0.12	11/18/21 22:26	
Carbon tetrachloride	ug/L	ND	1.0	0.065	11/18/21 22:26	
Chlorobenzene	ug/L	ND	1.0	0.098	11/18/21 22:26	
Chloroethane	ug/L	ND	2.0	0.17	11/18/21 22:26	
Chloroform	ug/L	ND	1.0	0.15	11/18/21 22:26	
Chloromethane	ug/L	ND	2.0	0.16	11/18/21 22:26	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.13	11/18/21 22:26	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.057	11/18/21 22:26	
Dibromochloromethane	ug/L	ND	1.0	0.041	11/18/21 22:26	
Ethylbenzene	ug/L	ND	1.0	0.082	11/18/21 22:26	
Methylene Chloride	ug/L	ND	5.0	1.6	11/18/21 22:26	
Styrene	ug/L	ND	1.0	0.082	11/18/21 22:26	
Tetrachloroethene	ug/L	ND	1.0	0.16	11/18/21 22:26	
Toluene	ug/L	ND	1.0	0.11	11/18/21 22:26	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.13	11/18/21 22:26	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.057	11/18/21 22:26	
Trichloroethene	ug/L	ND	1.0	0.12	11/18/21 22:26	
Vinyl chloride	ug/L	ND	1.0	0.11	11/18/21 22:26	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302782

METHOD BLANK: 3001935 Matrix: Water

Associated Lab Samples: 50302782001, 50302782002, 50302782004, 50302782005, 50302782006, 50302782007, 50302782010, 50302782019, 50302782020, 50302782021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Xylene (Total)	ug/L	ND	3.0	0.11	11/18/21 22:26	
4-Bromofluorobenzene (S)	%.	97	78-117		11/18/21 22:26	
Dibromofluoromethane (S)	%.	101	78-120		11/18/21 22:26	
Toluene-d8 (S)	%.	98	77-118		11/18/21 22:26	

LABORATORY CONTROL SAMPLE: 3001936

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	51.1	102	73-132	
1,1,2,2-Tetrachloroethane	ug/L	50	50.6	101	65-131	
1,1,2-Trichloroethane	ug/L	50	49.5	99	74-127	
1,1-Dichloroethane	ug/L	50	50.7	101	73-133	
1,1-Dichloroethene	ug/L	50	53.7	107	67-136	
1,2-Dibromo-3-chloropropane	ug/L	50	57.0	114	71-133	
1,2-Dibromoethane (EDB)	ug/L	50	51.0	102	76-126	
1,2-Dichlorobenzene	ug/L	50	52.0	104	75-114	
1,2-Dichloroethane	ug/L	50	48.2	96	69-135	
1,2-Dichloropropane	ug/L	50	52.7	105	78-134	
1,3-Dichlorobenzene	ug/L	50	50.8	102	70-119	
1,4-Dichlorobenzene	ug/L	50	50.7	101	69-117	
2-Butanone (MEK)	ug/L	250	269	108	56-164	
2-Hexanone	ug/L	250	229	92	63-137	
4-Methyl-2-pentanone (MIBK)	ug/L	250	234	94	64-134	
Acetone	ug/L	250	221	88	46-140	
Benzene	ug/L	50	50.1	100	77-128	
Bromochloromethane	ug/L	50	50.6	101	71-124	
Bromodichloromethane	ug/L	50	51.7	103	70-124	
Bromoform	ug/L	50	56.3	113	65-116	
Bromomethane	ug/L	50	73.1	146	10-200	
Carbon disulfide	ug/L	50	46.4	93	70-131	
Carbon tetrachloride	ug/L	50	55.7	111	61-139	
Chlorobenzene	ug/L	50	51.4	103	76-124	
Chloroethane	ug/L	50	55.2	110	56-142	
Chloroform	ug/L	50	51.2	102	77-120	
Chloromethane	ug/L	50	46.9	94	29-141	
cis-1,2-Dichloroethene	ug/L	50	51.0	102	72-127	
cis-1,3-Dichloropropene	ug/L	50	52.7	105	71-131	
Dibromochloromethane	ug/L	50	55.9	112	69-132	
Ethylbenzene	ug/L	50	51.2	102	76-119	
Methylene Chloride	ug/L	50	50.8	102	72-129	
Styrene	ug/L	50	51.4	103	66-123	
Tetrachloroethene	ug/L	50	54.3	109	70-124	
Toluene	ug/L	50	49.0	98	72-117	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302782

LABORATORY CONTROL SAMPLE: 3001936

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	50	50.9	102	75-133	
trans-1,3-Dichloropropene	ug/L	50	50.7	101	75-111	
Trichloroethene	ug/L	50	50.5	101	75-130	
Vinyl chloride	ug/L	50	53.4	107	51-140	
Xylene (Total)	ug/L	150	148	99	73-117	
4-Bromofluorobenzene (S)	%.			101	78-117	
Dibromofluoromethane (S)	%.			99	78-120	
Toluene-d8 (S)	%.			100	77-118	

MATRIX SPIKE SAMPLE: 3001937

Parameter	Units	50302707001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	<1.0	50	56.0	112	53-161	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50.5	101	58-134	
1,1,2-Trichloroethane	ug/L	<1.0	50	51.3	103	60-141	
1,1-Dichloroethane	ug/L	<1.0	50	53.9	108	67-140	
1,1-Dichloroethene	ug/L	<1.0	50	58.0	116	59-154	
1,2-Dibromo-3-chloropropane	ug/L	<5.0	50	54.0	108	56-137	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	53.1	106	54-144	
1,2-Dichlorobenzene	ug/L	<1.0	50	50.5	101	17-145	
1,2-Dichloroethane	ug/L	<1.0	50	51.2	102	66-130	
1,2-Dichloropropane	ug/L	<1.0	50	54.8	110	65-136	
1,3-Dichlorobenzene	ug/L	<1.0	50	49.3	99	10-146	
1,4-Dichlorobenzene	ug/L	<1.0	50	47.8	96	17-141	
2-Butanone (MEK)	ug/L	<5.0	250	262	105	49-173	
2-Hexanone	ug/L	<5.0	250	228	91	57-142	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	250	235	94	59-139	
Acetone	ug/L	<20.0	250	227	91	44-171	
Benzene	ug/L	<1.0	50	53.3	107	69-128	
Bromochloromethane	ug/L	<1.0	50	52.4	105	58-138	
Bromodichloromethane	ug/L	<1.0	50	54.3	109	51-138	
Bromoform	ug/L	<1.0	50	51.9	104	43-130	
Bromomethane	ug/L	<5.0	50	11.0	22	10-195	
Carbon disulfide	ug/L	<1.0	50	45.0	90	37-149	
Carbon tetrachloride	ug/L	<1.0	50	59.9	120	39-155	
Chlorobenzene	ug/L	<1.0	50	53.0	106	28-147	
Chloroethane	ug/L	<5.0	50	63.3	127	58-158	
Chloroform	ug/L	<1.0	50	54.2	108	54-141	
Chloromethane	ug/L	<5.0	50	31.8	64	41-145	
cis-1,2-Dichloroethene	ug/L	<1.0	50	53.9	108	45-150	
cis-1,3-Dichloropropene	ug/L	<1.0	50	51.2	102	42-139	
Dibromochloromethane	ug/L	<1.0	50	55.5	111	48-139	
Ethylbenzene	ug/L	<1.0	50	53.5	107	36-144	
Methylene Chloride	ug/L	<5.0	50	50.2	100	58-136	
Styrene	ug/L	<1.0	50	53.0	106	19-143	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302782

MATRIX SPIKE SAMPLE: 3001937

Parameter	Units	50302707001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/L	<1.0	50	55.9	112	26-148	
Toluene	ug/L	<1.0	50	51.9	104	46-134	
trans-1,2-Dichloroethene	ug/L	<1.0	50	51.3	103	43-155	
trans-1,3-Dichloropropene	ug/L	<1.0	50	48.2	96	39-132	
Trichloroethene	ug/L	<1.0	50	54.0	108	35-151	
Vinyl chloride	ug/L	<1.0	50	49.8	100	59-146	
Xylene (Total)	ug/L	<2.0	150	155	103	32-140	
4-Bromofluorobenzene (S)	%.				101	78-117	
Dibromofluoromethane (S)	%.				101	78-120	
Toluene-d8 (S)	%.				101	77-118	

SAMPLE DUPLICATE: 3001938

Parameter	Units	50302707002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	<1.0	ND		20	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	ND		20	
1,1,2-Trichloroethane	ug/L	<1.0	ND		20	
1,1-Dichloroethane	ug/L	<1.0	ND		20	
1,1-Dichloroethene	ug/L	<1.0	ND		20	
1,2-Dibromo-3-chloropropane	ug/L	<5.0	ND		20	
1,2-Dibromoethane (EDB)	ug/L	<1.0	ND		20	
1,2-Dichlorobenzene	ug/L	<1.0	ND		20	
1,2-Dichloroethane	ug/L	<1.0	ND		20	
1,2-Dichloropropane	ug/L	<1.0	ND		20	
1,3-Dichlorobenzene	ug/L	<1.0	ND		20	
1,4-Dichlorobenzene	ug/L	<1.0	ND		20	
2-Butanone (MEK)	ug/L	<5.0	ND		20	
2-Hexanone	ug/L	<5.0	ND		20	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	ND		20	
Acetone	ug/L	<20.0	11.7J		20	
Benzene	ug/L	<1.0	ND		20	
Bromochloromethane	ug/L	<1.0	ND		20	
Bromodichloromethane	ug/L	<1.0	ND		20	
Bromoform	ug/L	<1.0	ND		20	
Bromomethane	ug/L	<5.0	ND		20	
Carbon disulfide	ug/L	<1.0	ND		20	
Carbon tetrachloride	ug/L	<1.0	ND		20	
Chlorobenzene	ug/L	<1.0	ND		20	
Chloroethane	ug/L	<5.0	ND		20	
Chloroform	ug/L	<1.0	ND		20	
Chloromethane	ug/L	<5.0	ND		20	
cis-1,2-Dichloroethene	ug/L	<1.0	ND		20	
cis-1,3-Dichloropropene	ug/L	<1.0	ND		20	
Dibromochloromethane	ug/L	<1.0	ND		20	
Ethylbenzene	ug/L	<1.0	ND		20	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302782

SAMPLE DUPLICATE: 3001938

Parameter	Units	50302707002 Result	Dup Result	RPD	Max RPD	Qualifiers
Methylene Chloride	ug/L	<5.0	ND		20	
Styrene	ug/L	<1.0	ND		20	
Tetrachloroethene	ug/L	<1.0	ND		20	
Toluene	ug/L	<1.0	ND		20	
trans-1,2-Dichloroethene	ug/L	<1.0	ND		20	
trans-1,3-Dichloropropene	ug/L	<1.0	ND		20	
Trichloroethene	ug/L	<1.0	ND		20	
Vinyl chloride	ug/L	<1.0	ND		20	
Xylene (Total)	ug/L	<2.0	ND		20	
4-Bromofluorobenzene (S)	%.	98	99			
Dibromofluoromethane (S)	%.	101	101			
Toluene-d8 (S)	%.	98	99			

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QUALIFIERS

Project: SE Rockford, IL Site
Pace Project No.: 50302782

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SE Rockford, IL Site
Pace Project No.: 50302782

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50302782001	**MW133A**	EPA 5030B/8260	651326		
50302782002	**MW133B**	EPA 5030B/8260	651326		
50302782003	**MW133C**	EPA 5030B/8260	650512		
50302782004	**MW130**	EPA 5030B/8260	651326		
50302782005	**MW113B**	EPA 5030B/8260	651326		
50302782006	**MW113A**	EPA 5030B/8260	651326		
50302782007	**MW47**	EPA 5030B/8260	651326		
50302782008	**MW206A**	EPA 5030B/8260	650512		
50302782009	**MW206B**	EPA 5030B/8260	650512		
50302782010	**MW206C**	EPA 5030B/8260	651326		
50302782011	**MW205A**	EPA 5030B/8260	650512		
50302782012	**MW205B**	EPA 5030B/8260	650512		
50302782013	**MW117D**	EPA 5030B/8260	650512		
50302782014	**MW117C**	EPA 5030B/8260	650512		
50302782015	**MW117B**	EPA 5030B/8260	650512		
50302782016	**MW119**	EPA 5030B/8260	650512		
50302782017	**MW207**	EPA 5030B/8260	650559		
50302782018	**TRIP BLANK**	EPA 5030B/8260	650559		
50302782019	**MW101D**	EPA 5030B/8260	651326		
50302782020	**MW102A**	EPA 5030B/8260	651326		
50302782021	**MW102B**	EPA 5030B/8260	651326		
50302782022	**MW102C**	EPA 5030B/8260	650511		
50302782023	**MW201**	EPA 5030B/8260	650511		
50302782024	**MW114A**	EPA 5030B/8260	650559		
50302782025	**MW114B**	EPA 5030B/8260	650559		
50302782026	**FD-2**	EPA 5030B/8260	650559		
50302782027	**MW16**	EPA 5030B/8260	650559		

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Data Quality Control Criteria Review Summary

SDG Number: 50302364 **Project Number:** 1016-2

Site: SE Rockford, Semi-annual (Second 2021)

Contractor Lab: Pace Analytical Services – Indianapolis (VOC analysis)

Validator: Maggie Mandell **Sample Date:** 11/07/21-11/08/21

Sample Matrix: Groundwater **Validation Date:** 02/11/22

Analytical Methods: EPA 5030B/8260 (VOC analysis)

Sample Designations:

MW-101A	**MW-200**
MW-101B	**MW-202**
MW-101C	**MW-203**
MW-121	**MW-204**
MW-124	**FD-1**
MW-136	

The analytical data were reviewed in accordance with the analytical methods and the Environmental Protections Agency (EPA) Contract Laboratory Program (CLP) National Functional Guidelines. The review included comparing quality control (QC) values provided on the laboratory QC forms to method QC criteria. Review of the raw data was not performed.

Quality Control Summary

QC Review Item	VOA
Completeness	X
Case Narrative	X
Chain of Custody (COC) Forms	X
Sample Preservation	X
Holding Times	X
Laboratory Blank Results	X
System Monitoring Compounds (Surrogate) Results	X
Matrix Spike/Matrix Duplicate (MS/MSD) Results	X
Laboratory Control Sample (LCS) Results	2
Method Specific Quality Control (QC) Results *	1
System Performance	X
Field Quality Control Results #	3
Other	NA

X Acceptable, no qualification necessary
See validation summary comment
NR Not required
NA Not applicable
*) The reviewer has indicated in the comments, if necessary, the method specific QC results included in the data package that were reviewed.
#) Field QC may include field duplicates, trip blanks, rinse blanks, field blanks, and equipment blank samples as required by project specific criteria.

Data for the above samples are:

- [x] Acceptable for use
- [ ] Acceptable for use as qualified
- [ ] Unacceptable for use

Action required by Project Manager

- [ ] Yes
- [x] No

Data Validation Summary Comments:

1. **Method Specific Quality Control (QC) Results –** An analyte, chloroform, was detected in the associated method blank; chloroform is a common laboratory contaminant. No qualification is necessary.

Compound	QC Batch	Affected Samples	Qualifier(s)
Chloroform	649940	MW101A, MW101B, MW121, MW136	B

2. **Laboratory Control Spike (LCS) –** Analyte recovery in the laboratory control sample (LCS) was above QC limits; however, the batch was accepted based on LCS recovery. The compounds were not detected in the investigative samples. Therefore, no qualification is necessary.

Compound	LCS % Recovery	QC Batch	Affected Samples	Qualifier(s)
1,2-Dibromo-3-chloropropane	81	649940	MW121	M1
Benzene	91	649940	MW121	M1

3. **Field Quality Control Samples** – One field duplicate was collected during this sampling event. The RPD is not necessarily calculated if both the primary and duplicate results are not five times greater than the reporting limit. The RPD between the investigative and duplicate samples was 0%. The RPD values only consider the comparison of two concentrations reported above the reporting limit. Qualification is not necessary.

Overall Assessment of Data:

The Pace Work Order Report #50302364 is 100% complete. The data usability is based on EPA's guidance documents. No problems were identified with reported data and analytical performance was within specified limits. The data are acceptable and meet the project's data quality objectives.

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SAMPLE SUMMARY

Project: SE Rockford, IL Site
Pace Project No.: 50302364

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50302364001	**MW203**	Water	11/07/21 12:39	11/09/21 15:10
50302364002	**MW202**	Water	11/07/21 13:20	11/09/21 15:10
50302364003	**MW121**	Water	11/07/21 14:41	11/09/21 15:10
50302364004	**MW124**	Water	11/07/21 15:24	11/09/21 15:10
50302364005	**MW204**	Water	11/07/21 16:17	11/09/21 15:10
50302364006	**MW101A**	Water	11/08/21 12:11	11/09/21 15:10
50302364007	**MW101B**	Water	11/08/21 12:49	11/09/21 15:10
50302364008	**MW101C**	Water	11/08/21 13:42	11/09/21 15:10
50302364009	**MW136**	Water	11/08/21 16:00	11/09/21 15:10
50302364010	**MW200**	Water	11/08/21 16:44	11/09/21 15:10
50302364011	**FD-1**	Water	11/08/21 16:48	11/09/21 15:10
50302364012	**Trip Blank**	Water	11/08/21 00:00	11/09/21 15:10

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SAMPLE ANALYTE COUNT

Project: SE Rockford, IL Site
Pace Project No.: 50302364

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50302364001	**MW203**	EPA 5030B/8260	DAS	43	PASI-I
50302364002	**MW202**	EPA 5030B/8260	DAS	43	PASI-I
50302364003	**MW121**	EPA 5030B/8260	DAS	43	PASI-I
50302364004	**MW124**	EPA 5030B/8260	DAS	43	PASI-I
50302364005	**MW204**	EPA 5030B/8260	DAS	43	PASI-I
50302364006	**MW101A**	EPA 5030B/8260	DAS	43	PASI-I
50302364007	**MW101B**	EPA 5030B/8260	DAS	43	PASI-I
50302364008	**MW101C**	EPA 5030B/8260	DAS	43	PASI-I
50302364009	**MW136**	EPA 5030B/8260	DAS	43	PASI-I
50302364010	**MW200**	EPA 5030B/8260	DAS	43	PASI-I
50302364011	**FD-1**	EPA 5030B/8260	DAS	43	PASI-I
50302364012	**Trip Blank**	EPA 5030B/8260	DAS	43	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

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PROJECT NARRATIVE

Project: SE Rockford, IL Site
Pace Project No.: 50302364

Method: **EPA 5030B/8260**
Description: 8260 MSV Low Level
Client: Nationwide Environmental Services
Date: November 22, 2021

General Information:
12 samples were analyzed for EPA 5030B/8260 by Pace Analytical Services Indianapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

QC Batch: 649940

B: Analyte was detected in the associated method blank.

- BLANK for HBN 649940 [MSV/1556 (Lab ID: 2995277)
  - Chloroform

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 649940

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 50302364003

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 2995279)
  - 1,2-Dibromo-3-chloropropane
  - Benzene

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

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PROJECT NARRATIVE

Project: SE Rockford, IL Site
Pace Project No.: 50302364

Method: **EPA 5030B/8260**
Description: 8260 MSV Low Level
Client: Nationwide Environmental Services
Date: November 22, 2021

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302364

Sample: MW203 **Lab ID: 50302364001** Collected: 11/07/21 12:39 Received: 11/09/21 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.7	1		11/11/21 23:44	67-64-1	
Benzene	ND	ug/L	1.0	0.11	1		11/11/21 23:44	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.11	1		11/11/21 23:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.11	1		11/11/21 23:44	75-27-4	
Bromoform	ND	ug/L	1.0	0.036	1		11/11/21 23:44	75-25-2	
Bromomethane	ND	ug/L	5.0	0.19	1		11/11/21 23:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/11/21 23:44	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.12	1		11/11/21 23:44	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.065	1		11/11/21 23:44	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.098	1		11/11/21 23:44	108-90-7	
Chloroethane	ND	ug/L	2.0	0.17	1		11/11/21 23:44	75-00-3	
Chloroform	ND	ug/L	1.0	0.15	1		11/11/21 23:44	67-66-3	
Chloromethane	ND	ug/L	2.0	0.16	1		11/11/21 23:44	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.28	1		11/11/21 23:44	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.041	1		11/11/21 23:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		11/11/21 23:44	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/11/21 23:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/11/21 23:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.12	1		11/11/21 23:44	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	0.10	1		11/11/21 23:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/11/21 23:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.13	1		11/11/21 23:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		11/11/21 23:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		11/11/21 23:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.12	1		11/11/21 23:44	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/11/21 23:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/11/21 23:44	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.082	1		11/11/21 23:44	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.46	1		11/11/21 23:44	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		11/11/21 23:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.41	1		11/11/21 23:44	108-10-1	
Styrene	ND	ug/L	1.0	0.082	1		11/11/21 23:44	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.090	1		11/11/21 23:44	79-34-5	
Tetrachloroethene	**5.5**	ug/L	1.0	0.16	1		11/11/21 23:44	127-18-4	
Toluene	ND	ug/L	1.0	0.11	1		11/11/21 23:44	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.097	1		11/11/21 23:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.11	1		11/11/21 23:44	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.12	1		11/11/21 23:44	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.11	1		11/11/21 23:44	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.11	1		11/11/21 23:44	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%.	78-117		1		11/11/21 23:44	460-00-4	
Dibromofluoromethane (S)	103	%.	78-120		1		11/11/21 23:44	1868-53-7	
Toluene-d8 (S)	96	%.	77-118		1		11/11/21 23:44	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302364

Sample: MW202 **Lab ID: 50302364002** Collected: 11/07/21 13:20 Received: 11/09/21 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.7	1		11/12/21 00:13	67-64-1	
Benzene	ND	ug/L	1.0	0.11	1		11/12/21 00:13	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.11	1		11/12/21 00:13	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.11	1		11/12/21 00:13	75-27-4	
Bromoform	ND	ug/L	1.0	0.036	1		11/12/21 00:13	75-25-2	
Bromomethane	ND	ug/L	5.0	0.19	1		11/12/21 00:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/12/21 00:13	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.12	1		11/12/21 00:13	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.065	1		11/12/21 00:13	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.098	1		11/12/21 00:13	108-90-7	
Chloroethane	ND	ug/L	2.0	0.17	1		11/12/21 00:13	75-00-3	
Chloroform	ND	ug/L	1.0	0.15	1		11/12/21 00:13	67-66-3	
Chloromethane	ND	ug/L	2.0	0.16	1		11/12/21 00:13	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.28	1		11/12/21 00:13	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.041	1		11/12/21 00:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.10	1		11/12/21 00:13	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/12/21 00:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.11	1		11/12/21 00:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.12	1		11/12/21 00:13	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	0.10	1		11/12/21 00:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		11/12/21 00:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.13	1		11/12/21 00:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		11/12/21 00:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		11/12/21 00:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.12	1		11/12/21 00:13	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/12/21 00:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.057	1		11/12/21 00:13	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.082	1		11/12/21 00:13	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.46	1		11/12/21 00:13	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.6	1		11/12/21 00:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.41	1		11/12/21 00:13	108-10-1	
Styrene	ND	ug/L	1.0	0.082	1		11/12/21 00:13	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.090	1		11/12/21 00:13	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.16	1		11/12/21 00:13	127-18-4	
Toluene	ND	ug/L	1.0	0.11	1		11/12/21 00:13	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.097	1		11/12/21 00:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.11	1		11/12/21 00:13	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.12	1		11/12/21 00:13	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.11	1		11/12/21 00:13	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.11	1		11/12/21 00:13	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%.	78-117		1		11/12/21 00:13	460-00-4	
Dibromofluoromethane (S)	102	%.	78-120		1		11/12/21 00:13	1868-53-7	
Toluene-d8 (S)	97	%.	77-118		1		11/12/21 00:13	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302364

Sample: MW121 **Lab ID: 50302364003** Collected: 11/07/21 14:41 Received: 11/09/21 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.3	1		11/12/21 02:54	67-64-1	
Benzene	ND	ug/L	1.0	0.071	1		11/12/21 02:54	71-43-2	M1
Bromochloromethane	ND	ug/L	1.0	0.14	1		11/12/21 02:54	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.079	1		11/12/21 02:54	75-27-4	
Bromoform	ND	ug/L	1.0	0.054	1		11/12/21 02:54	75-25-2	
Bromomethane	ND	ug/L	5.0	0.11	1		11/12/21 02:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/12/21 02:54	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.083	1		11/12/21 02:54	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.039	1		11/12/21 02:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.085	1		11/12/21 02:54	108-90-7	
Chloroethane	ND	ug/L	2.0	0.076	1		11/12/21 02:54	75-00-3	
Chloroform	**0.17J**	ug/L	1.0	0.11	1		11/12/21 02:54	67-66-3	B
Chloromethane	ND	ug/L	2.0	0.098	1		11/12/21 02:54	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.24	1		11/12/21 02:54	96-12-8	M1
Dibromochloromethane	ND	ug/L	1.0	0.047	1		11/12/21 02:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.062	1		11/12/21 02:54	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.081	1		11/12/21 02:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.072	1		11/12/21 02:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.080	1		11/12/21 02:54	106-46-7	
1,1-Dichloroethane	**112**	ug/L	1.0	0.088	1		11/12/21 02:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.076	1		11/12/21 02:54	107-06-2	
1,1-Dichloroethene	**72.7**	ug/L	1.0	0.048	1		11/12/21 02:54	75-35-4	
cis-1,2-Dichloroethene	**6.3**	ug/L	1.0	0.069	1		11/12/21 02:54	156-59-2	
trans-1,2-Dichloroethene	**1.1**	ug/L	1.0	0.092	1		11/12/21 02:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.086	1		11/12/21 02:54	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.069	1		11/12/21 02:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.063	1		11/12/21 02:54	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.069	1		11/12/21 02:54	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.38	1		11/12/21 02:54	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.8	1		11/12/21 02:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.38	1		11/12/21 02:54	108-10-1	
Styrene	ND	ug/L	1.0	0.073	1		11/12/21 02:54	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.064	1		11/12/21 02:54	79-34-5	
Tetrachloroethene	**1.5**	ug/L	1.0	0.15	1		11/12/21 02:54	127-18-4	
Toluene	ND	ug/L	1.0	0.087	1		11/12/21 02:54	108-88-3	
1,1,1-Trichloroethane	**50.7**	ug/L	1.0	0.053	1		11/12/21 02:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.081	1		11/12/21 02:54	79-00-5	
Trichloroethene	**42.9**	ug/L	1.0	0.077	1		11/12/21 02:54	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.073	1		11/12/21 02:54	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.081	1		11/12/21 02:54	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%.	78-117		1		11/12/21 02:54	460-00-4	
Dibromofluoromethane (S)	101	%.	78-120		1		11/12/21 02:54	1868-53-7	
Toluene-d8 (S)	98	%.	77-118		1		11/12/21 02:54	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302364

Sample: MW124 **Lab ID: 50302364004** Collected: 11/07/21 15:24 Received: 11/09/21 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.3	1		11/12/21 04:21	67-64-1	
Benzene	ND	ug/L	1.0	0.071	1		11/12/21 04:21	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		11/12/21 04:21	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.079	1		11/12/21 04:21	75-27-4	
Bromoform	ND	ug/L	1.0	0.054	1		11/12/21 04:21	75-25-2	
Bromomethane	ND	ug/L	5.0	0.11	1		11/12/21 04:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/12/21 04:21	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.083	1		11/12/21 04:21	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.039	1		11/12/21 04:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.085	1		11/12/21 04:21	108-90-7	
Chloroethane	ND	ug/L	2.0	0.076	1		11/12/21 04:21	75-00-3	
Chloroform	ND	ug/L	1.0	0.11	1		11/12/21 04:21	67-66-3	
Chloromethane	ND	ug/L	2.0	0.098	1		11/12/21 04:21	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.24	1		11/12/21 04:21	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.047	1		11/12/21 04:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.062	1		11/12/21 04:21	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.081	1		11/12/21 04:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.072	1		11/12/21 04:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.080	1		11/12/21 04:21	106-46-7	
1,1-Dichloroethane	**22.4**	ug/L	1.0	0.088	1		11/12/21 04:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.076	1		11/12/21 04:21	107-06-2	
1,1-Dichloroethene	**4.7**	ug/L	1.0	0.048	1		11/12/21 04:21	75-35-4	
cis-1,2-Dichloroethene	**12.6**	ug/L	1.0	0.069	1		11/12/21 04:21	156-59-2	
trans-1,2-Dichloroethene	**0.34J**	ug/L	1.0	0.092	1		11/12/21 04:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.086	1		11/12/21 04:21	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.069	1		11/12/21 04:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.063	1		11/12/21 04:21	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.069	1		11/12/21 04:21	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.38	1		11/12/21 04:21	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.8	1		11/12/21 04:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.38	1		11/12/21 04:21	108-10-1	
Styrene	ND	ug/L	1.0	0.073	1		11/12/21 04:21	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.064	1		11/12/21 04:21	79-34-5	
Tetrachloroethene	**8.1**	ug/L	1.0	0.15	1		11/12/21 04:21	127-18-4	
Toluene	ND	ug/L	1.0	0.087	1		11/12/21 04:21	108-88-3	
1,1,1-Trichloroethane	**24.5**	ug/L	1.0	0.053	1		11/12/21 04:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.081	1		11/12/21 04:21	79-00-5	
Trichloroethene	**3.0**	ug/L	1.0	0.077	1		11/12/21 04:21	79-01-6	
Vinyl chloride	**1.2**	ug/L	1.0	0.073	1		11/12/21 04:21	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.081	1		11/12/21 04:21	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%.	78-117		1		11/12/21 04:21	460-00-4	
Dibromofluoromethane (S)	101	%.	78-120		1		11/12/21 04:21	1868-53-7	
Toluene-d8 (S)	99	%.	77-118		1		11/12/21 04:21	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302364

Sample: MW204 **Lab ID: 50302364005** Collected: 11/07/21 16:17 Received: 11/09/21 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.3	1		11/12/21 04:50	67-64-1	
Benzene	ND	ug/L	1.0	0.071	1		11/12/21 04:50	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		11/12/21 04:50	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.079	1		11/12/21 04:50	75-27-4	
Bromoform	ND	ug/L	1.0	0.054	1		11/12/21 04:50	75-25-2	
Bromomethane	ND	ug/L	5.0	0.11	1		11/12/21 04:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/12/21 04:50	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.083	1		11/12/21 04:50	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.039	1		11/12/21 04:50	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.085	1		11/12/21 04:50	108-90-7	
Chloroethane	ND	ug/L	2.0	0.076	1		11/12/21 04:50	75-00-3	
Chloroform	ND	ug/L	1.0	0.11	1		11/12/21 04:50	67-66-3	
Chloromethane	ND	ug/L	2.0	0.098	1		11/12/21 04:50	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.24	1		11/12/21 04:50	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.047	1		11/12/21 04:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.062	1		11/12/21 04:50	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.081	1		11/12/21 04:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.072	1		11/12/21 04:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.080	1		11/12/21 04:50	106-46-7	
1,1-Dichloroethane	**63.3**	ug/L	1.0	0.088	1		11/12/21 04:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.076	1		11/12/21 04:50	107-06-2	
1,1-Dichloroethene	**40.0**	ug/L	1.0	0.048	1		11/12/21 04:50	75-35-4	
cis-1,2-Dichloroethene	**14.7**	ug/L	1.0	0.069	1		11/12/21 04:50	156-59-2	
trans-1,2-Dichloroethene	**0.86J**	ug/L	1.0	0.092	1		11/12/21 04:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.086	1		11/12/21 04:50	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.069	1		11/12/21 04:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.063	1		11/12/21 04:50	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.069	1		11/12/21 04:50	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.38	1		11/12/21 04:50	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.8	1		11/12/21 04:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.38	1		11/12/21 04:50	108-10-1	
Styrene	ND	ug/L	1.0	0.073	1		11/12/21 04:50	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.064	1		11/12/21 04:50	79-34-5	
Tetrachloroethene	**6.4**	ug/L	1.0	0.15	1		11/12/21 04:50	127-18-4	
Toluene	ND	ug/L	1.0	0.087	1		11/12/21 04:50	108-88-3	
1,1,1-Trichloroethane	**33.1**	ug/L	1.0	0.053	1		11/12/21 04:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.081	1		11/12/21 04:50	79-00-5	
Trichloroethene	**75.9**	ug/L	1.0	0.077	1		11/12/21 04:50	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.073	1		11/12/21 04:50	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.081	1		11/12/21 04:50	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%.	78-117		1		11/12/21 04:50	460-00-4	
Dibromofluoromethane (S)	100	%.	78-120		1		11/12/21 04:50	1868-53-7	
Toluene-d8 (S)	98	%.	77-118		1		11/12/21 04:50	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302364

Sample: MW101A **Lab ID: 50302364006** Collected: 11/08/21 12:11 Received: 11/09/21 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.3	1		11/12/21 05:20	67-64-1	
Benzene	ND	ug/L	1.0	0.071	1		11/12/21 05:20	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		11/12/21 05:20	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.079	1		11/12/21 05:20	75-27-4	
Bromoform	ND	ug/L	1.0	0.054	1		11/12/21 05:20	75-25-2	
Bromomethane	ND	ug/L	5.0	0.11	1		11/12/21 05:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/12/21 05:20	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.083	1		11/12/21 05:20	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.039	1		11/12/21 05:20	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.085	1		11/12/21 05:20	108-90-7	
Chloroethane	ND	ug/L	2.0	0.076	1		11/12/21 05:20	75-00-3	
Chloroform	**1.5**	ug/L	1.0	0.11	1		11/12/21 05:20	67-66-3	B
Chloromethane	ND	ug/L	2.0	0.098	1		11/12/21 05:20	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.24	1		11/12/21 05:20	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.047	1		11/12/21 05:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.062	1		11/12/21 05:20	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.081	1		11/12/21 05:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.072	1		11/12/21 05:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.080	1		11/12/21 05:20	106-46-7	
1,1-Dichloroethane	**249**	ug/L	1.0	0.088	1		11/12/21 05:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.076	1		11/12/21 05:20	107-06-2	
1,1-Dichloroethene	**63.8**	ug/L	1.0	0.048	1		11/12/21 05:20	75-35-4	
cis-1,2-Dichloroethene	**105**	ug/L	1.0	0.069	1		11/12/21 05:20	156-59-2	
trans-1,2-Dichloroethene	**10.6**	ug/L	1.0	0.092	1		11/12/21 05:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.086	1		11/12/21 05:20	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.069	1		11/12/21 05:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.063	1		11/12/21 05:20	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.069	1		11/12/21 05:20	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.38	1		11/12/21 05:20	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.8	1		11/12/21 05:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.38	1		11/12/21 05:20	108-10-1	
Styrene	ND	ug/L	1.0	0.073	1		11/12/21 05:20	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.064	1		11/12/21 05:20	79-34-5	
Tetrachloroethene	**53.3**	ug/L	1.0	0.15	1		11/12/21 05:20	127-18-4	
Toluene	ND	ug/L	1.0	0.087	1		11/12/21 05:20	108-88-3	
1,1,1-Trichloroethane	**454**	ug/L	10.0	0.53	10		11/12/21 16:35	71-55-6	
1,1,2-Trichloroethane	**1.2**	ug/L	1.0	0.081	1		11/12/21 05:20	79-00-5	
Trichloroethene	**74.1**	ug/L	1.0	0.077	1		11/12/21 05:20	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.073	1		11/12/21 05:20	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.081	1		11/12/21 05:20	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%.	78-117		1		11/12/21 05:20	460-00-4	
Dibromofluoromethane (S)	101	%.	78-120		1		11/12/21 05:20	1868-53-7	
Toluene-d8 (S)	99	%.	77-118		1		11/12/21 05:20	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302364

Sample: MW101B **Lab ID: 50302364007** Collected: 11/08/21 12:49 Received: 11/09/21 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.3	1		11/12/21 05:49	67-64-1	
Benzene	ND	ug/L	1.0	0.071	1		11/12/21 05:49	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		11/12/21 05:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.079	1		11/12/21 05:49	75-27-4	
Bromoform	ND	ug/L	1.0	0.054	1		11/12/21 05:49	75-25-2	
Bromomethane	ND	ug/L	5.0	0.11	1		11/12/21 05:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/12/21 05:49	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.083	1		11/12/21 05:49	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.039	1		11/12/21 05:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.085	1		11/12/21 05:49	108-90-7	
Chloroethane	ND	ug/L	2.0	0.076	1		11/12/21 05:49	75-00-3	
Chloroform	**0.11J**	ug/L	1.0	0.11	1		11/12/21 05:49	67-66-3	B
Chloromethane	ND	ug/L	2.0	0.098	1		11/12/21 05:49	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.24	1		11/12/21 05:49	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.047	1		11/12/21 05:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.062	1		11/12/21 05:49	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.081	1		11/12/21 05:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.072	1		11/12/21 05:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.080	1		11/12/21 05:49	106-46-7	
1,1-Dichloroethane	**101**	ug/L	1.0	0.088	1		11/12/21 05:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.076	1		11/12/21 05:49	107-06-2	
1,1-Dichloroethene	**19.7**	ug/L	1.0	0.048	1		11/12/21 05:49	75-35-4	
cis-1,2-Dichloroethene	**7.9**	ug/L	1.0	0.069	1		11/12/21 05:49	156-59-2	
trans-1,2-Dichloroethene	**3.1**	ug/L	1.0	0.092	1		11/12/21 05:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.086	1		11/12/21 05:49	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.069	1		11/12/21 05:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.063	1		11/12/21 05:49	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.069	1		11/12/21 05:49	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.38	1		11/12/21 05:49	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.8	1		11/12/21 05:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.38	1		11/12/21 05:49	108-10-1	
Styrene	ND	ug/L	1.0	0.073	1		11/12/21 05:49	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.064	1		11/12/21 05:49	79-34-5	
Tetrachloroethene	**19.5**	ug/L	1.0	0.15	1		11/12/21 05:49	127-18-4	
Toluene	ND	ug/L	1.0	0.087	1		11/12/21 05:49	108-88-3	
1,1,1-Trichloroethane	**259**	ug/L	10.0	0.53	10		11/12/21 17:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.081	1		11/12/21 05:49	79-00-5	
Trichloroethene	**16.1**	ug/L	1.0	0.077	1		11/12/21 05:49	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.073	1		11/12/21 05:49	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.081	1		11/12/21 05:49	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%.	78-117		1		11/12/21 05:49	460-00-4	
Dibromofluoromethane (S)	101	%.	78-120		1		11/12/21 05:49	1868-53-7	
Toluene-d8 (S)	98	%.	77-118		1		11/12/21 05:49	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302364

Sample: MW101C **Lab ID: 50302364008** Collected: 11/08/21 13:42 Received: 11/09/21 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.3	1		11/12/21 06:18	67-64-1	
Benzene	ND	ug/L	1.0	0.071	1		11/12/21 06:18	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		11/12/21 06:18	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.079	1		11/12/21 06:18	75-27-4	
Bromoform	ND	ug/L	1.0	0.054	1		11/12/21 06:18	75-25-2	
Bromomethane	ND	ug/L	5.0	0.11	1		11/12/21 06:18	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/12/21 06:18	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.083	1		11/12/21 06:18	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.039	1		11/12/21 06:18	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.085	1		11/12/21 06:18	108-90-7	
Chloroethane	ND	ug/L	2.0	0.076	1		11/12/21 06:18	75-00-3	
Chloroform	ND	ug/L	1.0	0.11	1		11/12/21 06:18	67-66-3	
Chloromethane	ND	ug/L	2.0	0.098	1		11/12/21 06:18	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.24	1		11/12/21 06:18	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.047	1		11/12/21 06:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.062	1		11/12/21 06:18	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.081	1		11/12/21 06:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.072	1		11/12/21 06:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.080	1		11/12/21 06:18	106-46-7	
1,1-Dichloroethane	**101**	ug/L	1.0	0.088	1		11/12/21 06:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.076	1		11/12/21 06:18	107-06-2	
1,1-Dichloroethene	**18.4**	ug/L	1.0	0.048	1		11/12/21 06:18	75-35-4	
cis-1,2-Dichloroethene	**7.9**	ug/L	1.0	0.069	1		11/12/21 06:18	156-59-2	
trans-1,2-Dichloroethene	**3.2**	ug/L	1.0	0.092	1		11/12/21 06:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.086	1		11/12/21 06:18	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.069	1		11/12/21 06:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.063	1		11/12/21 06:18	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.069	1		11/12/21 06:18	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.38	1		11/12/21 06:18	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.8	1		11/12/21 06:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.38	1		11/12/21 06:18	108-10-1	
Styrene	ND	ug/L	1.0	0.073	1		11/12/21 06:18	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.064	1		11/12/21 06:18	79-34-5	
Tetrachloroethene	**14.9**	ug/L	1.0	0.15	1		11/12/21 06:18	127-18-4	
Toluene	ND	ug/L	1.0	0.087	1		11/12/21 06:18	108-88-3	
1,1,1-Trichloroethane	**244**	ug/L	10.0	0.53	10		11/12/21 17:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.081	1		11/12/21 06:18	79-00-5	
Trichloroethene	**10.4**	ug/L	1.0	0.077	1		11/12/21 06:18	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.073	1		11/12/21 06:18	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.081	1		11/12/21 06:18	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%.	78-117		1		11/12/21 06:18	460-00-4	
Dibromofluoromethane (S)	102	%.	78-120		1		11/12/21 06:18	1868-53-7	
Toluene-d8 (S)	99	%.	77-118		1		11/12/21 06:18	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302364

Sample: MW136 **Lab ID: 50302364009** Collected: 11/08/21 16:00 Received: 11/09/21 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.3	1		11/12/21 06:47	67-64-1	
Benzene	ND	ug/L	1.0	0.071	1		11/12/21 06:47	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		11/12/21 06:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.079	1		11/12/21 06:47	75-27-4	
Bromoform	ND	ug/L	1.0	0.054	1		11/12/21 06:47	75-25-2	
Bromomethane	ND	ug/L	5.0	0.11	1		11/12/21 06:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/12/21 06:47	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.083	1		11/12/21 06:47	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.039	1		11/12/21 06:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.085	1		11/12/21 06:47	108-90-7	
Chloroethane	ND	ug/L	2.0	0.076	1		11/12/21 06:47	75-00-3	
Chloroform	**1.3**	ug/L	1.0	0.11	1		11/12/21 06:47	67-66-3	B
Chloromethane	ND	ug/L	2.0	0.098	1		11/12/21 06:47	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.24	1		11/12/21 06:47	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.047	1		11/12/21 06:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.062	1		11/12/21 06:47	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.081	1		11/12/21 06:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.072	1		11/12/21 06:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.080	1		11/12/21 06:47	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	0.088	1		11/12/21 06:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.076	1		11/12/21 06:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.048	1		11/12/21 06:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.069	1		11/12/21 06:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.092	1		11/12/21 06:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.086	1		11/12/21 06:47	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.069	1		11/12/21 06:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.063	1		11/12/21 06:47	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.069	1		11/12/21 06:47	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.38	1		11/12/21 06:47	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.8	1		11/12/21 06:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.38	1		11/12/21 06:47	108-10-1	
Styrene	ND	ug/L	1.0	0.073	1		11/12/21 06:47	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.064	1		11/12/21 06:47	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.15	1		11/12/21 06:47	127-18-4	
Toluene	ND	ug/L	1.0	0.087	1		11/12/21 06:47	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.053	1		11/12/21 06:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.081	1		11/12/21 06:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.077	1		11/12/21 06:47	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.073	1		11/12/21 06:47	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.081	1		11/12/21 06:47	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%.	78-117		1		11/12/21 06:47	460-00-4	
Dibromofluoromethane (S)	101	%.	78-120		1		11/12/21 06:47	1868-53-7	
Toluene-d8 (S)	101	%.	77-118		1		11/12/21 06:47	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302364

Sample: MW200 **Lab ID: 50302364010** Collected: 11/08/21 16:44 Received: 11/09/21 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.3	1		11/12/21 07:16	67-64-1	
Benzene	ND	ug/L	1.0	0.071	1		11/12/21 07:16	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		11/12/21 07:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.079	1		11/12/21 07:16	75-27-4	
Bromoform	ND	ug/L	1.0	0.054	1		11/12/21 07:16	75-25-2	
Bromomethane	ND	ug/L	5.0	0.11	1		11/12/21 07:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/12/21 07:16	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.083	1		11/12/21 07:16	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.039	1		11/12/21 07:16	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.085	1		11/12/21 07:16	108-90-7	
Chloroethane	ND	ug/L	2.0	0.076	1		11/12/21 07:16	75-00-3	
Chloroform	ND	ug/L	1.0	0.11	1		11/12/21 07:16	67-66-3	
Chloromethane	ND	ug/L	2.0	0.098	1		11/12/21 07:16	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.24	1		11/12/21 07:16	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.047	1		11/12/21 07:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.062	1		11/12/21 07:16	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.081	1		11/12/21 07:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.072	1		11/12/21 07:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.080	1		11/12/21 07:16	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	0.088	1		11/12/21 07:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.076	1		11/12/21 07:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.048	1		11/12/21 07:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.069	1		11/12/21 07:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.092	1		11/12/21 07:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.086	1		11/12/21 07:16	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.069	1		11/12/21 07:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.063	1		11/12/21 07:16	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.069	1		11/12/21 07:16	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.38	1		11/12/21 07:16	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.8	1		11/12/21 07:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.38	1		11/12/21 07:16	108-10-1	
Styrene	ND	ug/L	1.0	0.073	1		11/12/21 07:16	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.064	1		11/12/21 07:16	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.15	1		11/12/21 07:16	127-18-4	
Toluene	ND	ug/L	1.0	0.087	1		11/12/21 07:16	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.053	1		11/12/21 07:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.081	1		11/12/21 07:16	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.077	1		11/12/21 07:16	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.073	1		11/12/21 07:16	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.081	1		11/12/21 07:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%.	78-117		1		11/12/21 07:16	460-00-4	
Dibromofluoromethane (S)	103	%.	78-120		1		11/12/21 07:16	1868-53-7	
Toluene-d8 (S)	100	%.	77-118		1		11/12/21 07:16	2037-26-5	

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ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302364

Sample: FD-1 **Lab ID: 50302364011** Collected: 11/08/21 16:48 Received: 11/09/21 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.3	1		11/12/21 07:46	67-64-1	
Benzene	ND	ug/L	1.0	0.071	1		11/12/21 07:46	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		11/12/21 07:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.079	1		11/12/21 07:46	75-27-4	
Bromoform	ND	ug/L	1.0	0.054	1		11/12/21 07:46	75-25-2	
Bromomethane	ND	ug/L	5.0	0.11	1		11/12/21 07:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/12/21 07:46	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.083	1		11/12/21 07:46	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.039	1		11/12/21 07:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.085	1		11/12/21 07:46	108-90-7	
Chloroethane	ND	ug/L	2.0	0.076	1		11/12/21 07:46	75-00-3	
Chloroform	ND	ug/L	1.0	0.11	1		11/12/21 07:46	67-66-3	
Chloromethane	ND	ug/L	2.0	0.098	1		11/12/21 07:46	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.24	1		11/12/21 07:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.047	1		11/12/21 07:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.062	1		11/12/21 07:46	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.081	1		11/12/21 07:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.072	1		11/12/21 07:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.080	1		11/12/21 07:46	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	0.088	1		11/12/21 07:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.076	1		11/12/21 07:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.048	1		11/12/21 07:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.069	1		11/12/21 07:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.092	1		11/12/21 07:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.086	1		11/12/21 07:46	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.069	1		11/12/21 07:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.063	1		11/12/21 07:46	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.069	1		11/12/21 07:46	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.38	1		11/12/21 07:46	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.8	1		11/12/21 07:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.38	1		11/12/21 07:46	108-10-1	
Styrene	ND	ug/L	1.0	0.073	1		11/12/21 07:46	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.064	1		11/12/21 07:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.15	1		11/12/21 07:46	127-18-4	
Toluene	ND	ug/L	1.0	0.087	1		11/12/21 07:46	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.053	1		11/12/21 07:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.081	1		11/12/21 07:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.077	1		11/12/21 07:46	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.073	1		11/12/21 07:46	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.081	1		11/12/21 07:46	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%.	78-117		1		11/12/21 07:46	460-00-4	
Dibromofluoromethane (S)	101	%.	78-120		1		11/12/21 07:46	1868-53-7	
Toluene-d8 (S)	98	%.	77-118		1		11/12/21 07:46	2037-26-5	

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4171 40th St. SE
Grand Rapids, MI 49512
(616)975-4500

ANALYTICAL RESULTS

Project: SE Rockford, IL Site
Pace Project No.: 50302364

Sample: Trip Blank **Lab ID: 50302364012** Collected: 11/08/21 00:00 Received: 11/09/21 15:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	20.0	1.3	1		11/12/21 08:15	67-64-1	
Benzene	ND	ug/L	1.0	0.071	1		11/12/21 08:15	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.14	1		11/12/21 08:15	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.079	1		11/12/21 08:15	75-27-4	
Bromoform	ND	ug/L	1.0	0.054	1		11/12/21 08:15	75-25-2	
Bromomethane	ND	ug/L	5.0	0.11	1		11/12/21 08:15	74-83-9	
2-Butanone (MEK)	ND	ug/L	20.0	0.63	1		11/12/21 08:15	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.083	1		11/12/21 08:15	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.039	1		11/12/21 08:15	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.085	1		11/12/21 08:15	108-90-7	
Chloroethane	ND	ug/L	2.0	0.076	1		11/12/21 08:15	75-00-3	
Chloroform	ND	ug/L	1.0	0.11	1		11/12/21 08:15	67-66-3	
Chloromethane	ND	ug/L	2.0	0.098	1		11/12/21 08:15	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	0.24	1		11/12/21 08:15	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.047	1		11/12/21 08:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.062	1		11/12/21 08:15	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.081	1		11/12/21 08:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.072	1		11/12/21 08:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.080	1		11/12/21 08:15	106-46-7	
1,1-Dichloroethane	ND	ug/L	1.0	0.088	1		11/12/21 08:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.076	1		11/12/21 08:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.048	1		11/12/21 08:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.069	1		11/12/21 08:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.092	1		11/12/21 08:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.086	1		11/12/21 08:15	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.069	1		11/12/21 08:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.063	1		11/12/21 08:15	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.069	1		11/12/21 08:15	100-41-4	
2-Hexanone	ND	ug/L	20.0	0.38	1		11/12/21 08:15	591-78-6	
Methylene Chloride	ND	ug/L	5.0	1.8	1		11/12/21 08:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	0.38	1		11/12/21 08:15	108-10-1	
Styrene	ND	ug/L	1.0	0.073	1		11/12/21 08:15	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.064	1		11/12/21 08:15	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.15	1		11/12/21 08:15	127-18-4	
Toluene	ND	ug/L	1.0	0.087	1		11/12/21 08:15	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.053	1		11/12/21 08:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.081	1		11/12/21 08:15	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.077	1		11/12/21 08:15	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.073	1		11/12/21 08:15	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.081	1		11/12/21 08:15	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%.	78-117		1		11/12/21 08:15	460-00-4	
Dibromofluoromethane (S)	101	%.	78-120		1		11/12/21 08:15	1868-53-7	
Toluene-d8 (S)	99	%.	77-118		1		11/12/21 08:15	2037-26-5	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302364

QC Batch: 649908
QC Batch Method: EPA 5030B/8260
Analysis Method: EPA 5030B/8260
Analysis Description: 8260 MSV Low Level
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50302364001, 50302364002

METHOD BLANK: 2995021
Matrix: Water
Associated Lab Samples: 50302364001, 50302364002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	0.097	11/11/21 15:00	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.090	11/11/21 15:00	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.11	11/11/21 15:00	
1,1-Dichloroethane	ug/L	ND	1.0	0.10	11/11/21 15:00	
1,1-Dichloroethene	ug/L	ND	1.0	0.13	11/11/21 15:00	
1,2-Dibromo-3-chloropropane	ug/L	ND	10.0	0.28	11/11/21 15:00	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.10	11/11/21 15:00	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.11	11/11/21 15:00	
1,2-Dichloroethane	ug/L	ND	1.0	0.12	11/11/21 15:00	
1,2-Dichloropropane	ug/L	ND	1.0	0.12	11/11/21 15:00	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.11	11/11/21 15:00	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.12	11/11/21 15:00	
2-Butanone (MEK)	ug/L	ND	20.0	0.63	11/11/21 15:00	
2-Hexanone	ug/L	ND	20.0	0.46	11/11/21 15:00	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20.0	0.41	11/11/21 15:00	
Acetone	ug/L	ND	20.0	1.7	11/11/21 15:00	
Benzene	ug/L	ND	1.0	0.11	11/11/21 15:00	
Bromochloromethane	ug/L	ND	1.0	0.11	11/11/21 15:00	
Bromodichloromethane	ug/L	ND	1.0	0.11	11/11/21 15:00	
Bromoform	ug/L	ND	1.0	0.036	11/11/21 15:00	
Bromomethane	ug/L	ND	5.0	0.19	11/11/21 15:00	
Carbon disulfide	ug/L	ND	5.0	0.12	11/11/21 15:00	
Carbon tetrachloride	ug/L	ND	1.0	0.065	11/11/21 15:00	
Chlorobenzene	ug/L	ND	1.0	0.098	11/11/21 15:00	
Chloroethane	ug/L	ND	2.0	0.17	11/11/21 15:00	
Chloroform	ug/L	0.23J	1.0	0.15	11/11/21 15:00	
Chloromethane	ug/L	ND	2.0	0.16	11/11/21 15:00	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.13	11/11/21 15:00	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.057	11/11/21 15:00	
Dibromochloromethane	ug/L	ND	1.0	0.041	11/11/21 15:00	
Ethylbenzene	ug/L	ND	1.0	0.082	11/11/21 15:00	
Methylene Chloride	ug/L	ND	5.0	1.6	11/11/21 15:00	
Styrene	ug/L	ND	1.0	0.082	11/11/21 15:00	
Tetrachloroethene	ug/L	ND	1.0	0.16	11/11/21 15:00	
Toluene	ug/L	ND	1.0	0.11	11/11/21 15:00	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.13	11/11/21 15:00	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.057	11/11/21 15:00	
Trichloroethene	ug/L	ND	1.0	0.12	11/11/21 15:00	
Vinyl chloride	ug/L	ND	1.0	0.11	11/11/21 15:00	
Xylene (Total)	ug/L	ND	3.0	0.11	11/11/21 15:00	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302364

METHOD BLANK: 2995021 Matrix: Water
Associated Lab Samples: 50302364001, 50302364002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
4-Bromofluorobenzene (S)	%.	99	78-117		11/11/21 15:00	
Dibromofluoromethane (S)	%.	100	78-120		11/11/21 15:00	
Toluene-d8 (S)	%.	99	77-118		11/11/21 15:00	

LABORATORY CONTROL SAMPLE: 2995022

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	53.6	107	73-132	
1,1,2,2-Tetrachloroethane	ug/L	50	50.0	100	65-131	
1,1,2-Trichloroethane	ug/L	50	47.4	95	74-127	
1,1-Dichloroethane	ug/L	50	49.1	98	73-133	
1,1-Dichloroethene	ug/L	50	59.4	119	67-136	
1,2-Dibromo-3-chloropropane	ug/L	50	42.0	84	71-133	
1,2-Dibromoethane (EDB)	ug/L	50	48.8	98	76-126	
1,2-Dichlorobenzene	ug/L	50	46.6	93	75-114	
1,2-Dichloroethane	ug/L	50	48.8	98	69-135	
1,2-Dichloropropane	ug/L	50	50.1	100	78-134	
1,3-Dichlorobenzene	ug/L	50	47.1	94	70-119	
1,4-Dichlorobenzene	ug/L	50	46.5	93	69-117	
2-Butanone (MEK)	ug/L	250	209	84	56-164	
2-Hexanone	ug/L	250	222	89	63-137	
4-Methyl-2-pentanone (MIBK)	ug/L	250	232	93	64-134	
Acetone	ug/L	250	234	94	46-140	
Benzene	ug/L	50	47.6	95	77-128	
Bromochloromethane	ug/L	50	45.7	91	71-124	
Bromodichloromethane	ug/L	50	56.2	112	70-124	
Bromoform	ug/L	50	42.6	85	65-116	
Bromomethane	ug/L	50	57.3	115	10-200	
Carbon disulfide	ug/L	50	55.3	111	70-131	
Carbon tetrachloride	ug/L	50	48.6	97	61-139	
Chlorobenzene	ug/L	50	46.2	92	76-124	
Chloroethane	ug/L	50	57.9	116	56-142	
Chloroform	ug/L	50	49.7	99	77-120	
Chloromethane	ug/L	50	45.7	91	29-141	
cis-1,2-Dichloroethene	ug/L	50	48.0	96	72-127	
cis-1,3-Dichloropropene	ug/L	50	52.7	105	71-131	
Dibromochloromethane	ug/L	50	44.7	89	69-132	
Ethylbenzene	ug/L	50	48.9	98	76-119	
Methylene Chloride	ug/L	50	48.3	97	72-129	
Styrene	ug/L	50	49.9	100	66-123	
Tetrachloroethene	ug/L	50	48.2	96	70-124	
Toluene	ug/L	50	47.4	95	72-117	
trans-1,2-Dichloroethene	ug/L	50	50.3	101	75-133	
trans-1,3-Dichloropropene	ug/L	50	52.4	105	75-111	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302364

LABORATORY CONTROL SAMPLE: 2995022

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichloroethene	ug/L	50	50.6	101	75-130	
Vinyl chloride	ug/L	50	52.8	106	51-140	
Xylene (Total)	ug/L	150	143	95	73-117	
4-Bromofluorobenzene (S)	%.			99	78-117	
Dibromofluoromethane (S)	%.			102	78-120	
Toluene-d8 (S)	%.			99	77-118	

SAMPLE DUPLICATE: 2995024

Parameter	Units	50302140002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	ND		20	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		20	
1,1,2-Trichloroethane	ug/L	ND	ND		20	
1,1-Dichloroethane	ug/L	ND	ND		20	
1,1-Dichloroethene	ug/L	ND	ND		20	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		20	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		20	
1,2-Dichlorobenzene	ug/L	ND	ND		20	
1,2-Dichloroethane	ug/L	ND	ND		20	
1,2-Dichloropropane	ug/L	ND	ND		20	
1,3-Dichlorobenzene	ug/L	ND	ND		20	
1,4-Dichlorobenzene	ug/L	ND	ND		20	
2-Butanone (MEK)	ug/L	ND	ND		20	
2-Hexanone	ug/L	ND	ND		20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		20	
Acetone	ug/L	ND	ND		20	
Benzene	ug/L	ND	ND		20	
Bromochloromethane	ug/L	ND	ND		20	
Bromodichloromethane	ug/L	ND	ND		20	
Bromoform	ug/L	ND	ND		20	
Bromomethane	ug/L	ND	ND		20	
Carbon disulfide	ug/L	ND	ND		20	
Carbon tetrachloride	ug/L	ND	ND		20	
Chlorobenzene	ug/L	ND	ND		20	
Chloroethane	ug/L	ND	ND		20	
Chloroform	ug/L	ND	ND		20	
Chloromethane	ug/L	ND	ND		20	
cis-1,2-Dichloroethene	ug/L	ND	ND		20	
cis-1,3-Dichloropropene	ug/L	ND	ND		20	
Dibromochloromethane	ug/L	ND	ND		20	
Ethylbenzene	ug/L	ND	ND		20	
Methylene Chloride	ug/L	ND	ND		20	
Styrene	ug/L	ND	ND		20	
Tetrachloroethene	ug/L	ND	ND		20	
Toluene	ug/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302364

SAMPLE DUPLICATE: 2995024

Parameter	Units	50302140002 Result	Dup Result	RPD	Max RPD	Qualifiers
trans-1,2-Dichloroethene	ug/L	ND	ND		20	
trans-1,3-Dichloropropene	ug/L	ND	ND		20	
Trichloroethene	ug/L	ND	ND		20	
Vinyl chloride	ug/L	ND	ND		20	
Xylene (Total)	ug/L	ND	ND		20	
4-Bromofluorobenzene (S)	%.	97	98			
Dibromofluoromethane (S)	%.	100	100			
Toluene-d8 (S)	%.	99	99			

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302364

QC Batch: 649940
QC Batch Method: EPA 5030B/8260
Analysis Method: EPA 5030B/8260
Analysis Description: 8260 MSV Low Level
Laboratory: Pace Analytical Services - Indianapolis
Associated Lab Samples: 50302364003, 50302364004, 50302364005, 50302364006, 50302364007, 50302364008, 50302364009, 50302364010, 50302364011, 50302364012

METHOD BLANK: 2995277
Matrix: Water
Associated Lab Samples: 50302364003, 50302364004, 50302364005, 50302364006, 50302364007, 50302364008, 50302364009, 50302364010, 50302364011, 50302364012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	0.053	11/12/21 02:25	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.064	11/12/21 02:25	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.081	11/12/21 02:25	
1,1-Dichloroethane	ug/L	ND	1.0	0.088	11/12/21 02:25	
1,1-Dichloroethene	ug/L	ND	1.0	0.048	11/12/21 02:25	
1,2-Dibromo-3-chloropropane	ug/L	ND	10.0	0.24	11/12/21 02:25	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.062	11/12/21 02:25	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.081	11/12/21 02:25	
1,2-Dichloroethane	ug/L	ND	1.0	0.076	11/12/21 02:25	
1,2-Dichloropropane	ug/L	ND	1.0	0.086	11/12/21 02:25	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.072	11/12/21 02:25	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.080	11/12/21 02:25	
2-Butanone (MEK)	ug/L	ND	20.0	0.63	11/12/21 02:25	
2-Hexanone	ug/L	ND	20.0	0.38	11/12/21 02:25	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20.0	0.38	11/12/21 02:25	
Acetone	ug/L	ND	20.0	1.3	11/12/21 02:25	
Benzene	ug/L	ND	1.0	0.071	11/12/21 02:25	
Bromochloromethane	ug/L	ND	1.0	0.14	11/12/21 02:25	
Bromodichloromethane	ug/L	ND	1.0	0.079	11/12/21 02:25	
Bromoform	ug/L	ND	1.0	0.054	11/12/21 02:25	
Bromomethane	ug/L	ND	5.0	0.11	11/12/21 02:25	
Carbon disulfide	ug/L	ND	5.0	0.083	11/12/21 02:25	
Carbon tetrachloride	ug/L	ND	1.0	0.039	11/12/21 02:25	
Chlorobenzene	ug/L	ND	1.0	0.085	11/12/21 02:25	
Chloroethane	ug/L	ND	2.0	0.076	11/12/21 02:25	
Chloroform	ug/L	0.21J	1.0	0.11	11/12/21 02:25	
Chloromethane	ug/L	ND	2.0	0.098	11/12/21 02:25	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.069	11/12/21 02:25	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.069	11/12/21 02:25	
Dibromochloromethane	ug/L	ND	1.0	0.047	11/12/21 02:25	
Ethylbenzene	ug/L	ND	1.0	0.069	11/12/21 02:25	
Methylene Chloride	ug/L	ND	5.0	1.8	11/12/21 02:25	
Styrene	ug/L	ND	1.0	0.073	11/12/21 02:25	
Tetrachloroethene	ug/L	ND	1.0	0.15	11/12/21 02:25	
Toluene	ug/L	ND	1.0	0.087	11/12/21 02:25	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.092	11/12/21 02:25	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.063	11/12/21 02:25	
Trichloroethene	ug/L	ND	1.0	0.077	11/12/21 02:25	
Vinyl chloride	ug/L	ND	1.0	0.073	11/12/21 02:25	

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(616)975-4500

QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302364

METHOD BLANK: 2995277 Matrix: Water

Associated Lab Samples: 50302364003, 50302364004, 50302364005, 50302364006, 50302364007, 50302364008, 50302364009, 50302364010, 50302364011, 50302364012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Xylene (Total)	ug/L	ND	3.0	0.081	11/12/21 02:25	
4-Bromofluorobenzene (S)	%.	98	78-117		11/12/21 02:25	
Dibromofluoromethane (S)	%.	101	78-120		11/12/21 02:25	
Toluene-d8 (S)	%.	99	77-118		11/12/21 02:25	

LABORATORY CONTROL SAMPLE: 2995278

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	50.9	102	73-132	
1,1,2,2-Tetrachloroethane	ug/L	50	47.7	95	65-131	
1,1,2-Trichloroethane	ug/L	50	46.8	94	74-127	
1,1-Dichloroethane	ug/L	50	46.8	94	73-133	
1,1-Dichloroethene	ug/L	50	47.5	95	67-136	
1,2-Dibromo-3-chloropropane	ug/L	50	40.4	81	71-133	
1,2-Dibromoethane (EDB)	ug/L	50	47.9	96	76-126	
1,2-Dichlorobenzene	ug/L	50	43.3	87	75-114	
1,2-Dichloroethane	ug/L	50	48.0	96	69-135	
1,2-Dichloropropane	ug/L	50	48.8	98	78-134	
1,3-Dichlorobenzene	ug/L	50	43.3	87	70-119	
1,4-Dichlorobenzene	ug/L	50	43.2	86	69-117	
2-Butanone (MEK)	ug/L	250	213	85	56-164	
2-Hexanone	ug/L	250	218	87	63-137	
4-Methyl-2-pentanone (MIBK)	ug/L	250	226	90	64-134	
Acetone	ug/L	250	212	85	46-140	
Benzene	ug/L	50	45.5	91	77-128	
Bromochloromethane	ug/L	50	46.8	94	71-124	
Bromodichloromethane	ug/L	50	54.1	108	70-124	
Bromoform	ug/L	50	40.3	81	65-116	
Bromomethane	ug/L	50	41.2	82	10-200	
Carbon disulfide	ug/L	50	44.6	89	70-131	
Carbon tetrachloride	ug/L	50	46.6	93	61-139	
Chlorobenzene	ug/L	50	44.6	89	76-124	
Chloroethane	ug/L	50	48.4	97	56-142	
Chloroform	ug/L	50	48.0	96	77-120	
Chloromethane	ug/L	50	34.1	68	29-141	
cis-1,2-Dichloroethene	ug/L	50	47.2	94	72-127	
cis-1,3-Dichloropropene	ug/L	50	49.3	99	71-131	
Dibromochloromethane	ug/L	50	52.3	105	69-132	
Ethylbenzene	ug/L	50	46.8	94	76-119	
Methylene Chloride	ug/L	50	45.1	90	72-129	
Styrene	ug/L	50	46.6	93	66-123	
Tetrachloroethene	ug/L	50	46.1	92	70-124	
Toluene	ug/L	50	44.5	89	72-117	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302364

LABORATORY CONTROL SAMPLE: 2995278

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	50	45.7	91	75-133	
trans-1,3-Dichloropropene	ug/L	50	49.5	99	75-111	
Trichloroethene	ug/L	50	48.0	96	75-130	
Vinyl chloride	ug/L	50	45.8	92	51-140	
Xylene (Total)	ug/L	150	133	89	73-117	
4-Bromofluorobenzene (S)	%.			100	78-117	
Dibromofluoromethane (S)	%.			102	78-120	
Toluene-d8 (S)	%.			98	77-118	

MATRIX SPIKE SAMPLE: 2995279

Parameter	Units	50302364003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50.7	50	89.4	77	53-161	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	33.3	67	58-134	
1,1,2-Trichloroethane	ug/L	ND	50	34.6	69	60-141	
1,1-Dichloroethane	ug/L	112	50	146	69	67-140	
1,1-Dichloroethene	ug/L	72.7	50	110	75	59-154	
1,2-Dibromo-3-chloropropane	ug/L	ND	50	25.9	52	56-137	M1
1,2-Dibromoethane (EDB)	ug/L	ND	50	33.6	67	54-144	
1,2-Dichlorobenzene	ug/L	ND	50	30.9	62	17-145	
1,2-Dichloroethane	ug/L	ND	50	34.5	69	66-130	
1,2-Dichloropropane	ug/L	ND	50	36.6	73	65-136	
1,3-Dichlorobenzene	ug/L	ND	50	30.1	60	10-146	
1,4-Dichlorobenzene	ug/L	ND	50	30.2	60	17-141	
2-Butanone (MEK)	ug/L	ND	250	147	59	49-173	
2-Hexanone	ug/L	ND	250	151	61	57-142	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	159	64	59-139	
Acetone	ug/L	ND	250	152	61	44-171	
Benzene	ug/L	ND	50	33.2	66	69-128	M1
Bromochloromethane	ug/L	ND	50	34.9	70	58-138	
Bromodichloromethane	ug/L	ND	50	36.9	74	51-138	
Bromoform	ug/L	ND	50	26.1	52	43-130	
Bromomethane	ug/L	ND	50	28.2	56	10-195	
Carbon disulfide	ug/L	ND	50	33.3	67	37-149	
Carbon tetrachloride	ug/L	ND	50	33.1	66	39-155	
Chlorobenzene	ug/L	ND	50	31.9	64	28-147	
Chloroethane	ug/L	ND	50	36.3	73	58-158	
Chloroform	ug/L	0.17J	50	34.8	69	54-141	
Chloromethane	ug/L	ND	50	26.2	52	41-145	
cis-1,2-Dichloroethene	ug/L	6.3	50	41.2	70	45-150	
cis-1,3-Dichloropropene	ug/L	ND	50	34.5	69	42-139	
Dibromochloromethane	ug/L	ND	50	35.9	72	48-139	
Ethylbenzene	ug/L	ND	50	33.4	67	36-144	
Methylene Chloride	ug/L	ND	50	31.0	62	58-136	
Styrene	ug/L	ND	50	33.1	66	19-143	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302364

MATRIX SPIKE SAMPLE: 2995279

Parameter	Units	50302364003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/L	1.5	50	35.9	69	26-148	
Toluene	ug/L	ND	50	32.4	65	46-134	
trans-1,2-Dichloroethene	ug/L	1.1	50	35.8	69	43-155	
trans-1,3-Dichloropropene	ug/L	ND	50	34.3	69	39-132	
Trichloroethene	ug/L	42.9	50	78.5	71	35-151	
Vinyl chloride	ug/L	ND	50	34.8	70	59-146	
Xylene (Total)	ug/L	ND	150	95.4	64	32-140	
4-Bromofluorobenzene (S)	%.				100	78-117	
Dibromofluoromethane (S)	%.				102	78-120	
Toluene-d8 (S)	%.				99	77-118	

SAMPLE DUPLICATE: 2995280

Parameter	Units	50302364004 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	24.5	25.6	5	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		20	
1,1,2-Trichloroethane	ug/L	ND	ND		20	
1,1-Dichloroethane	ug/L	22.4	22.3	1	20	
1,1-Dichloroethene	ug/L	4.7	5.0	4	20	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		20	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		20	
1,2-Dichlorobenzene	ug/L	ND	ND		20	
1,2-Dichloroethane	ug/L	ND	ND		20	
1,2-Dichloropropane	ug/L	ND	ND		20	
1,3-Dichlorobenzene	ug/L	ND	ND		20	
1,4-Dichlorobenzene	ug/L	ND	ND		20	
2-Butanone (MEK)	ug/L	ND	ND		20	
2-Hexanone	ug/L	ND	ND		20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		20	
Acetone	ug/L	ND	ND		20	
Benzene	ug/L	ND	ND		20	
Bromochloromethane	ug/L	ND	ND		20	
Bromodichloromethane	ug/L	ND	ND		20	
Bromoform	ug/L	ND	ND		20	
Bromomethane	ug/L	ND	ND		20	
Carbon disulfide	ug/L	ND	ND		20	
Carbon tetrachloride	ug/L	ND	ND		20	
Chlorobenzene	ug/L	ND	ND		20	
Chloroethane	ug/L	ND	ND		20	
Chloroform	ug/L	ND	ND		20	
Chloromethane	ug/L	ND	ND		20	
cis-1,2-Dichloroethene	ug/L	12.6	12.5	1	20	
cis-1,3-Dichloropropene	ug/L	ND	ND		20	
Dibromochloromethane	ug/L	ND	ND		20	
Ethylbenzene	ug/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: SE Rockford, IL Site
Pace Project No.: 50302364

SAMPLE DUPLICATE: 2995280

Parameter	Units	50302364004 Result	Dup Result	RPD	Max RPD	Qualifiers
Methylene Chloride	ug/L	ND	ND		20	
Styrene	ug/L	ND	ND		20	
Tetrachloroethene	ug/L	8.1	8.4	3	20	
Toluene	ug/L	ND	ND		20	
trans-1,2-Dichloroethene	ug/L	0.34J	0.46J		20	
trans-1,3-Dichloropropene	ug/L	ND	ND		20	
Trichloroethene	ug/L	3.0	3.1	3	20	
Vinyl chloride	ug/L	1.2	1.2	1	20	
Xylene (Total)	ug/L	ND	ND		20	
4-Bromofluorobenzene (S)	%.	98	97			
Dibromofluoromethane (S)	%.	101	100			
Toluene-d8 (S)	%.	99	98			

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QUALIFIERS

Project: SE Rockford, IL Site
Pace Project No.: 50302364

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SE Rockford, IL Site
Pace Project No.: 50302364

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50302364001	**MW203**	EPA 5030B/8260	649908		
50302364002	**MW202**	EPA 5030B/8260	649908		
50302364003	**MW121**	EPA 5030B/8260	649940		
50302364004	**MW124**	EPA 5030B/8260	649940		
50302364005	**MW204**	EPA 5030B/8260	649940		
50302364006	**MW101A**	EPA 5030B/8260	649940		
50302364007	**MW101B**	EPA 5030B/8260	649940		
50302364008	**MW101C**	EPA 5030B/8260	649940		
50302364009	**MW136**	EPA 5030B/8260	649940		
50302364010	**MW200**	EPA 5030B/8260	649940		
50302364011	**FD-1**	EPA 5030B/8260	649940		
50302364012	**Trip Blank**	EPA 5030B/8260	649940		

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Data Quality Control Criteria Review Summary

SDG Number: A214508 **Project Number:** 1016-2

Site: SE Rockford, Semi-annual (Second 2021)

Contractor Lab: Pace Analytical Services – Madison

Validator: Maggie Mandell **Sample Date:** 11/07/21-11/08/21

Sample Matrix: Groundwater **Validation Date:** 02/11/22

Analytical Methods: EPA 8260 by SPME (1,4-Dioxane)

Sample Designations:

MW-101A	**MW-200**
MW-101B	**MW-202**
MW-101C	**MW-203**
MW-121	**MW-204**
MW-124	**FD-1**
MW-136	

The analytical data were reviewed in accordance with the analytical methods and the Environmental Protections Agency (EPA) Contract Laboratory Program (CLP) National Functional Guidelines. The review included comparing quality control (QC) values provided on the laboratory QC forms to method QC criteria. Review of the raw data was not performed.

Quality Control Summary

QC Review Item	VOA
Completeness	1
Case Narrative	X
Chain of Custody (COC) Forms	X
Sample Preservation	X
Holding Times	X
Laboratory Blank Results	X
System Monitoring Compounds (Surrogate) Results	X
Matrix Spike/Matrix Duplicate (MS/MSD) Results	X
Laboratory Control Sample (LCS) Results	X
Method Specific Quality Control (QC) Results *	X
System Performance	X
Field Quality Control Results #	2
Other	NA

X Acceptable, no qualification necessary
See validation summary comment
NR Not required
NA Not applicable
*) The reviewer has indicated in the comments, if necessary, the method specific QC results included in the data package that were reviewed.
#) Field QC may include field duplicates, trip blanks, rinse blanks, field blanks, and equipment blank samples as required by project specific criteria.

Data for the above samples are:

- ☒ Acceptable for use
- ☐ Acceptable for use as qualified
- ☐ Unacceptable for use

Action required by Project Manager

- ☐ Yes
- ☒ No

Data Validation Summary Comments:

1. **Completeness –** A Level IV data package, including QC and calibration documentation, was provided by the laboratory. The data package is complete.

2. **Field Quality Control Samples** – One field duplicate was collected during this sampling event. The RPD is not necessarily calculated if both the primary and duplicate results are not five times greater than the reporting limit. The RPD between the investigative and duplicate samples was 0%. The RPD values only consider the comparison of two concentrations reported above the reporting limit. Qualification is not necessary.

Overall Assessment of Data:

The Pace Work Order Report # 50302364 – SDG A214508 is 100% complete. The data usability is based on EPA's guidance documents. No problems were identified with reported data and analytical performance was within specified limits. The data are acceptable and meet the project's data quality objectives.

Data Quality Control Criteria Review Summary

SDG Number: A214601 **Project Number:** 1016-2

Site: SE Rockford, Semi-annual (Second 2021)

Contractor Lab: Pace Analytical Services – Madison

Validator: Maggie Mandell **Sample Date:** 11/09/21 – 11/11/21

Sample Matrix: Groundwater **Validation Date:** 02/11/22

Analytical Methods: EPA 8260 by SPME (1,4-Dioxane)

Sample Designations:

MW-47	**MW-113A**	**MW-117C**	**MW-133B**	**MW-205B**	**FD-2**
MW-101D	**MW-113B**	**MW-117D**	**MW-133C**	**MW-206A**	
MW-102A	**MW-114A**	**MW-119**	**MW-16**	**MW-206B**	
MW-102B	**MW-114B**	**MW-130**	**MW-201**	**MW-206C**	
MW-102C	**MW-117B**	**MW-133A**	**MW-205A**	**MW-207**	

The analytical data were reviewed in accordance with the analytical methods and the Environmental Protections Agency (EPA) Contract Laboratory Program (CLP) National Functional Guidelines. The review included comparing quality control (QC) values provided on the laboratory QC forms to method QC criteria. Review of the raw data was not performed.

Quality Control Summary

QC Review Item	VOA
Completeness	1
Case Narrative	X
Chain of Custody (COC) Forms	X
Sample Preservation	X
Holding Times	X
Laboratory Blank Results	X
System Monitoring Compounds (Surrogate) Results	X
Matrix Spike/Matrix Duplicate (MS/MSD) Results	X
Laboratory Control Sample (LCS) Results	X
Method Specific Quality Control (QC) Results *	X
System Performance	X
Field Quality Control Results #	2
Other	NA

X Acceptable, no qualification necessary
See validation summary comment
NR Not required
NA Not applicable
*) The reviewer has indicated in the comments, if necessary, the method specific QC results included in the data package that were reviewed.
#) Field QC may include field duplicates, trip blanks, rinse blanks, field blanks, and equipment blank samples as required by project specific criteria.

Data for the above samples are:

- ☒ Acceptable for use
- ☐ Acceptable for use as qualified
- ☐ Unacceptable for use

Action required by Project Manager

- ☐ Yes
- ☒ No

Data Validation Summary Comments:

1. **Completeness –** A Level IV data package, including QC and calibration documentation, was provided by the laboratory. The data package is complete.

2. **Field Quality Control Samples** – One field duplicate was collected during this sampling event. The RPD is not necessarily calculated if both the primary and duplicate results are not five times greater than the reporting limit. The RPD between the investigative and duplicate samples is 0%. The RPD values only consider the comparison of two concentrations reported above the reporting limit. Qualification is not necessary.

Overall Assessment of Data:

The Pace Work Order Report #50302782 – SDG A214601 is 100% complete. The data usability is based on EPA's guidance documents. No problems were identified with reported data and analytical performance was within specified limits. The data are acceptable and meet the project's data quality objectives.

2525 Advance Road
Madison, WI 53718
608.221.8700 Phone
608.221.4889 Fax

Pace Analytical	Project: SE Rockford, IL Site
4171 40th Street SE	Project Number: 50302364
Kentwood MI, 49512	Project Manager: Melanie Booms

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW203 (50302364001)	A214508-01	Water	11/07/2021	11/10/2021
MW202 (50302364002)	A214508-02	Water	11/07/2021	11/10/2021
MW121 (50302364003)	A214508-03	Water	11/07/2021	11/10/2021
MW124 (50302364004)	A214508-04	Water	11/07/2021	11/10/2021
MW204 (50302364005)	A214508-05	Water	11/07/2021	11/10/2021
MW101A (50302364006)	A214508-06	Water	11/08/2021	11/10/2021
MW101B (50302364007)	A214508-07	Water	11/08/2021	11/10/2021
MW101C (50302364008)	A214508-08	Water	11/08/2021	11/10/2021
MW136 (50302364009)	A214508-09	Water	11/08/2021	11/10/2021
MW200 (50302364010)	A214508-10	Water	11/08/2021	11/10/2021
FD-1 (50302364011)	A214508-11	Water	11/08/2021	11/10/2021

CASE NARRATIVE

Sample Receipt Information:
11 samples were received on 11/10/2021. Samples were received in acceptable condition.

Please see the chain of custody (COC) document at the end of this report for additional information.

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608.221.4889 Fax

Pace Analytical	Project:	SE Rockford, IL Site
4171 40th Street SE	Project Number:	50302364
Kentwood MI, 49512	Project Manager:	Melanie Booms

MW203 (50302364001)

A214508-01 (Water)

Date Sampled
11/07/2021 12:39

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Pace Analytical - Madison									
1,4-Dioxane by SPME GC/MS						**Preparation Batch: A111171**			
1,4-Dioxane	ND	0.057	0.50	ug/L	1	11/12/2021	11/12/2021 18:05	EPA 8260B	U
Surrogate: 1,3-Dioxane			*111 %*	*72.7-123*		*11/12/2021*	*11/12/2021 18:05*	*EPA 8260B*	

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Madison, WI 53718
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608.221.4889 Fax

Pace Analytical	Project:	SE Rockford, IL Site
4171 40th Street SE	Project Number:	50302364
Kentwood MI, 49512	Project Manager:	Melanie Booms

MW202 (50302364002)

A214508-02 (Water)

Date Sampled
11/07/2021 13:20

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Pace Analytical - Madison									
1,4-Dioxane by SPME GC/MS						**Preparation Batch: A111171**			
1,4-Dioxane	ND	0.057	0.50	ug/L	1	11/12/2021	11/12/2021 18:26	EPA 8260B	U
Surrogate: 1,3-Dioxane			*103 %*	*72.7-123*		*11/12/2021*	*11/12/2021 18:26*	*EPA 8260B*	

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Madison, WI 53718
608.221.8700 Phone
608.221.4889 Fax

Pace Analytical	Project:	SE Rockford, IL Site
4171 40th Street SE	Project Number:	50302364
Kentwood MI, 49512	Project Manager:	Melanie Booms

MW121 (50302364003)

A214508-03 (Water)

Date Sampled
11/07/2021 14:41

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Pace Analytical - Madison									
1,4-Dioxane by SPME GC/MS						**Preparation Batch: A111171**			
1,4-Dioxane	**43**	0.057	0.50	ug/L	1	11/12/2021	11/12/2021 18:47	EPA 8260B	
Surrogate: 1,3-Dioxane			*84.5 %*	*72.7-123*		*11/12/2021*	*11/12/2021 18:47*	*EPA 8260B*	

2525 Advance Road
Madison, WI 53718
608.221.8700 Phone
608.221.4889 Fax

Pace Analytical	Project:	SE Rockford, IL Site
4171 40th Street SE	Project Number:	50302364
Kentwood MI, 49512	Project Manager:	Melanie Booms

MW124 (50302364004)

A214508-04 (Water)

Date Sampled
11/07/2021 15:24

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Pace Analytical - Madison									
1,4-Dioxane by SPME GC/MS						**Preparation Batch: A111171**			
1,4-Dioxane	**5.2**	0.057	0.50	ug/L	1	11/12/2021	11/12/2021 19:08	EPA 8260B	
Surrogate: 1,3-Dioxane			*105 %*	*72.7-123*		*11/12/2021*	*11/12/2021 19:08*	*EPA 8260B*	

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Pace Analytical	Project:	SE Rockford, IL Site
4171 40th Street SE	Project Number:	50302364
Kentwood MI, 49512	Project Manager:	Melanie Booms

MW204 (50302364005)

A214508-05 (Water)

Date Sampled
11/07/2021 16:17

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Pace Analytical - Madison									
1,4-Dioxane by SPME GC/MS						**Preparation Batch: A111171**			
1,4-Dioxane	**23**	0.057	0.50	ug/L	1	11/12/2021	11/12/2021 19:29	EPA 8260B	
Surrogate: 1,3-Dioxane			*102 %*	*72.7-123*		*11/12/2021*	*11/12/2021 19:29*	*EPA 8260B*	

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Pace Analytical	Project:	SE Rockford, IL Site
4171 40th Street SE	Project Number:	50302364
Kentwood MI, 49512	Project Manager:	Melanie Booms

MW101A (50302364006)

A214508-06 (Water)

Date Sampled
11/08/2021 12:11

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Pace Analytical - Madison									
1,4-Dioxane by SPME GC/MS						**Preparation Batch: A111171**			
1,4-Dioxane	**35**	0.057	0.50	ug/L	1	11/12/2021	11/12/2021 19:50	EPA 8260B	
Surrogate: 1,3-Dioxane			*104 %*	*72.7-123*		*11/12/2021*	*11/12/2021 19:50*	*EPA 8260B*	

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Pace Analytical	Project:	SE Rockford, IL Site
4171 40th Street SE	Project Number:	50302364
Kentwood MI, 49512	Project Manager:	Melanie Booms

MW101B (50302364007)

A214508-07 (Water)

Date Sampled
11/08/2021 12:49

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Pace Analytical - Madison									
1,4-Dioxane by SPME GC/MS						**Preparation Batch: A111171**			
1,4-Dioxane	**27**	0.057	0.50	ug/L	1	11/12/2021	11/12/2021 20:11	EPA 8260B	
Surrogate: 1,3-Dioxane			*101 %*	*72.7-123*		*11/12/2021*	*11/12/2021 20:11*	*EPA 8260B*	

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Pace Analytical	Project:	SE Rockford, IL Site
4171 40th Street SE	Project Number:	50302364
Kentwood MI, 49512	Project Manager:	Melanie Booms

MW101C (50302364008)

A214508-08 (Water)

Date Sampled
11/08/2021 13:42

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Pace Analytical - Madison									
1,4-Dioxane by SPME GC/MS						**Preparation Batch: A111171**			
1,4-Dioxane	**23**	0.057	0.50	ug/L	1	11/12/2021	11/12/2021 20:32	EPA 8260B	
Surrogate: 1,3-Dioxane			*102 %*	*72.7-123*		*11/12/2021*	*11/12/2021 20:32*	*EPA 8260B*	

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Pace Analytical	Project:	SE Rockford, IL Site
4171 40th Street SE	Project Number:	50302364
Kentwood MI, 49512	Project Manager:	Melanie Booms

MW136 (50302364009)

A214508-09 (Water)

Date Sampled
11/08/2021 16:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Pace Analytical - Madison									
1,4-Dioxane by SPME GC/MS						**Preparation Batch: A111171**			
1,4-Dioxane	**0.080**	0.057	0.50	ug/L	1	11/12/2021	11/12/2021 20:53	EPA 8260B	J
Surrogate: 1,3-Dioxane			*104 %*	*72.7-123*		*11/12/2021*	*11/12/2021 20:53*	*EPA 8260B*	

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Pace Analytical	Project:	SE Rockford, IL Site
4171 40th Street SE	Project Number:	50302364
Kentwood MI, 49512	Project Manager:	Melanie Booms

MW200 (50302364010)

A214508-10 (Water)

Date Sampled
11/08/2021 16:44

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Pace Analytical - Madison									
1,4-Dioxane by SPME GC/MS						**Preparation Batch: A111171**			
1,4-Dioxane	**0.070**	0.057	0.50	ug/L	1	11/12/2021	11/12/2021 21:14	EPA 8260B	J
Surrogate: 1,3-Dioxane			*104 %*	*72.7-123*		*11/12/2021*	*11/12/2021 21:14*	*EPA 8260B*	

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Pace Analytical	Project:	SE Rockford, IL Site
4171 40th Street SE	Project Number:	50302364
Kentwood MI, 49512	Project Manager:	Melanie Booms

FD-1 (50302364011)

A214508-11 (Water)

Date Sampled
11/08/2021 16:48

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Pace Analytical - Madison									
1,4-Dioxane by SPME GC/MS						**Preparation Batch: A111171**			
1,4-Dioxane	**0.070**	0.057	0.50	ug/L	1	11/12/2021	11/12/2021 21:35	EPA 8260B	J
Surrogate: 1,3-Dioxane			*103 %*	*72.7-123*		*11/12/2021*	*11/12/2021 21:35*	*EPA 8260B*	

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Pace Analytical	Project: SE Rockford, IL Site
4171 40th Street SE	Project Number: 50302364
Kentwood MI, 49512	Project Manager: Melanie Booms

1,4-Dioxane by SPME GC/MS - Quality Control

Pace Analytical - Madison

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A111171 - VOC by SPME										
Blank (A111171-BLK1)				Prepared: 11/12/2021	Analyzed: 11/12/2021 13:54					
1,4-Dioxane	ND	0.50	ug/L							U
Surrogate: 1,3-Dioxane	*9.16*		*ug/L*	*10.00*		*91.6*	*72.7-123*			
LCS (A111171-BS1)				Prepared: 11/12/2021	Analyzed: 11/12/2021 17:02					
1,4-Dioxane	22.8	0.50	ug/L	25.00		91.0	83.3-120			
Surrogate: 1,3-Dioxane	*24.5*		*ug/L*	*25.00*		*97.8*	*72.7-123*			
Matrix Spike (A111171-MS1)	**Source: A214504-03**			Prepared: 11/12/2021	Analyzed: 11/12/2021 16:21					
1,4-Dioxane	25.8	0.50	ug/L	25.00	2.03	94.9	78.6-125			
Surrogate: 1,3-Dioxane	*24.9*		*ug/L*	*25.00*		*99.6*	*72.7-123*			
Matrix Spike Dup (A111171-MSD1)	**Source: A214504-03**			Prepared: 11/12/2021	Analyzed: 11/12/2021 16:41					
1,4-Dioxane	25.4	0.50	ug/L	25.00	2.03	93.4	78.6-125	1.45	20	
Surrogate: 1,3-Dioxane	*24.6*		*ug/L*	*25.00*		*98.4*	*72.7-123*			

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Pace Analytical	Project: SE Rockford, IL Site
4171 40th Street SE	Project Number: 50302364
Kentwood MI, 49512	Project Manager: Melanie Booms

Notes and Definitions

U	Analyte included in the analysis, but not detected
J	Analyte was detected but is below the reporting limit. The concentration is estimated.
ND	Analyte NOT DETECTED at or above the reporting limit or limit of detection (if listed).
NR	Not Reported
dry	Sample results reported on a dry weight basis. Detection limits (if listed) and reporting limits have been adjusted for the solids content. If the word 'dry' does not appear after the units, results are reported on an as-is basis.
RPD	Relative Percent Difference

Detection limits (if listed) and reporting limits have been adjusted for dilutions, if reported.

APPENDIX B

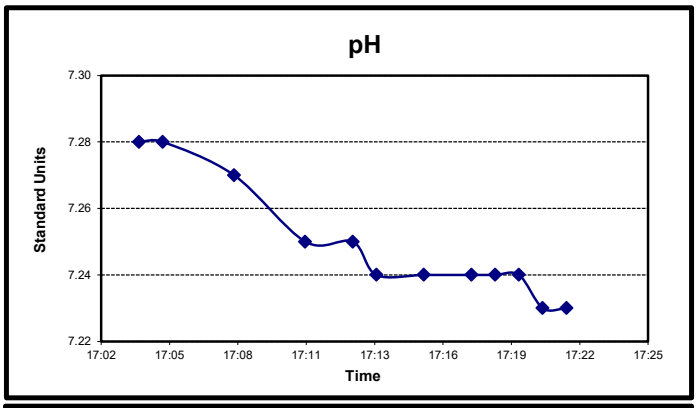
Groundwater Monitoring
Field Data Sheets

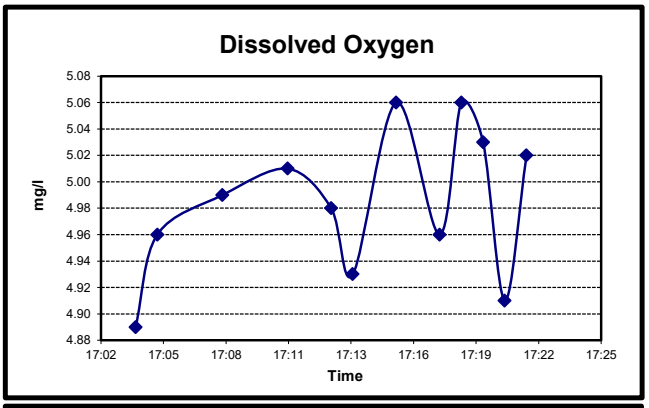
SE Rockford Superfund Site Ground Water Sampling - Field Report

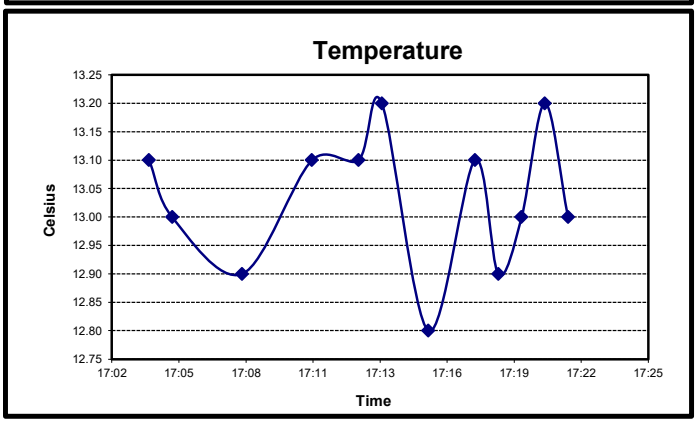
Casing Stickup (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-16**
Casing Stickup (Ft.)	-0.028	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	16-Jun-21
Total Well Depth (Ft.) TOC	62.36	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	21.49	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	40.90	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

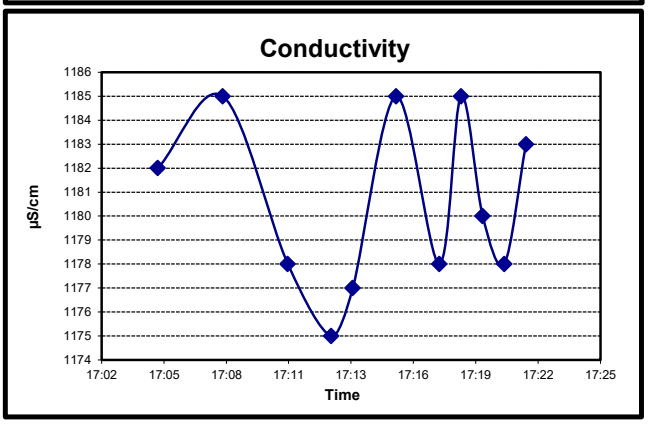
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
17:03									
17:04	7.28	4.89	13.10	-133.3	1186.00	43	380		
17:05	7.28	4.96	13.00	-131.8	1182.00		380	21.54	cloudy
17:08	7.27	4.99	12.90	-128.4	1185.00		380		
17:11	7.25	5.01	13.10	-125.6	1178.00		380		
17:13	7.25	4.98	13.10	-124.0	1175.00		380	21.62	clear
17:14	7.24	4.93	13.20	-123.6	1177.00		380		
17:16	7.24	5.06	12.80	-122.7	1185.00		380		
17:18	7.24	4.96	13.10	-121.9	1178.00		380		
17:19	7.24	5.06	12.90	-121.4	1185.00		380	21.68	clear
17:20	7.24	5.03	13.00	-120.6	1180.00		380		
17:21	7.23	4.91	13.20	-120.5	1178.00		380		
17:22	7.23	5.02	13.00	-120.3	1183.00		380		
MINUTES						**TOTAL LITERS**			
19.0	-0.01	-0.20%	0.00%	0.30	0.25%		**7.22**		









Remarks: (well condition, maintenance, etc…)

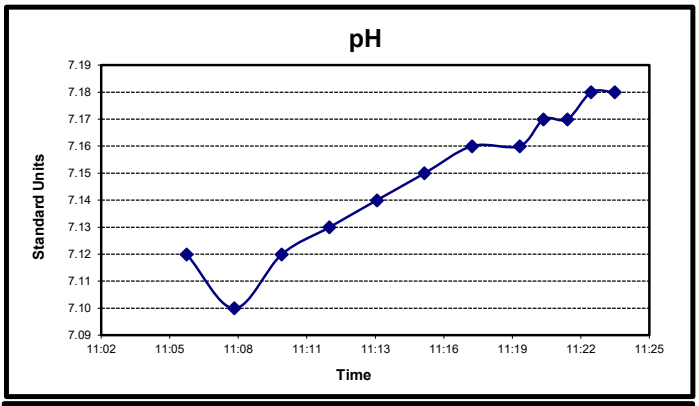
Nationwide Environmental Services, Inc.

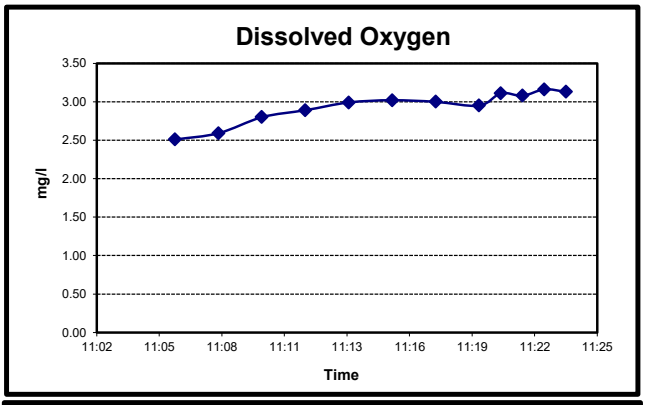
SE Rockford Superfund Site Ground Water Sampling - Field Report

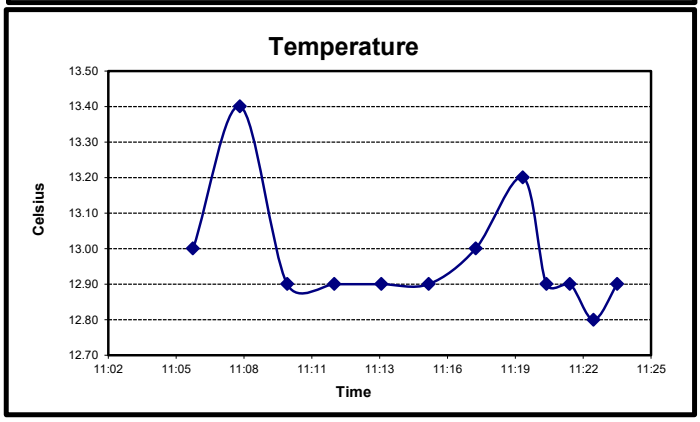
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-47**
Casing Stickup (Ft.)	-0.063	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	15-Jun-21
Total Well Depth (Ft.) TOC	54.49	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	41.04	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	13.51	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

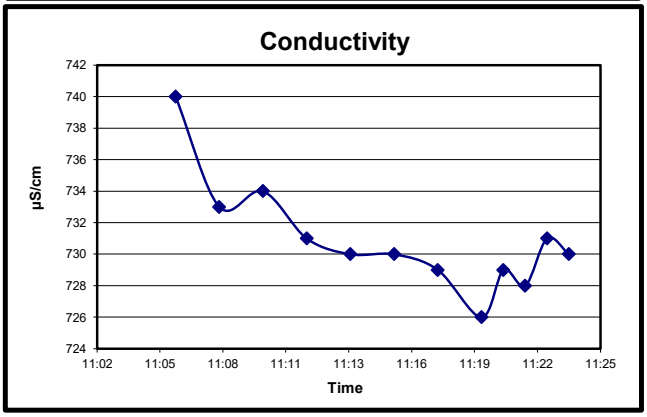
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
11:05									
11:06	7.12	2.51	13.00	-139.9	740.00	63	400	41.06	cloudy
11:08	7.10	2.59	13.40	-134.7	733.00		400		
11:10	7.12	2.80	12.90	-131.0	734.00		400		
11:12	7.13	2.89	12.90	-128.1	731.00		400		
11:14	7.14	2.99	12.90	-125.8	730.00		400		
11:16	7.15	3.02	12.90	-123.6	730.00		400	41.12	slightly cloudy
11:18	7.16	3.00	13.00	-121.9	729.00		400		
11:20	7.16	2.95	13.20	-120.0	726.00		400		
11:21	7.17	3.11	12.90	-119.5	729.00		400		
11:22	7.17	3.08	12.90	-118.7	728.00		400	41.18	slightly cloudy
11:23	7.18	3.16	12.80	-118.2	731.00		400		
11:24	7.18	3.13	12.90	-117.5	730.00		400		
MINUTES							**TOTAL LITERS**		
19.0	0.01	1.60%	0.00%	1.20	0.27%		**7.60**		









Remarks: (well condition, maintenance, etc…)

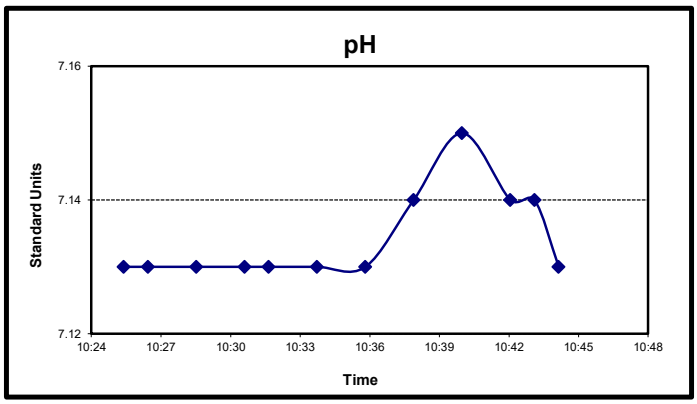
Nationwide Environmental Services, Inc.

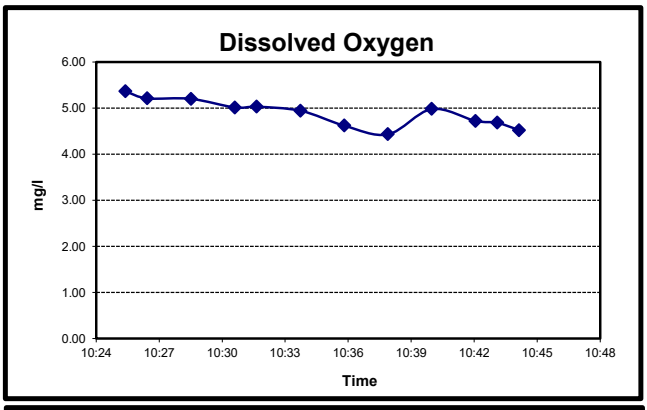
SE Rockford Superfund Site Ground Water Sampling - Field Report

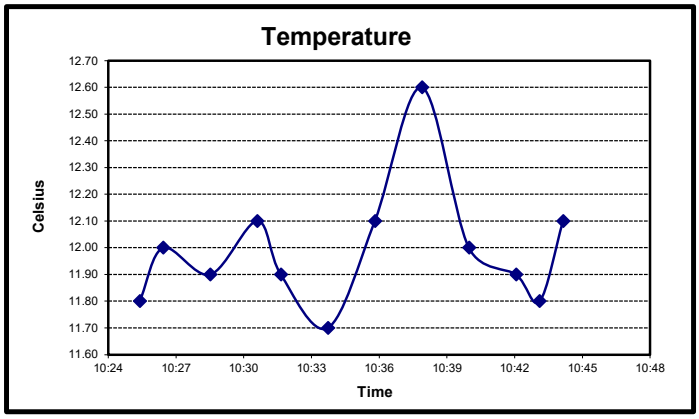
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-101A**
Casing Stickup (Ft.)	1.45	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	16-Jun-21
Total Well Depth (Ft.) TOC	90.34	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	41.34	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	47.55	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

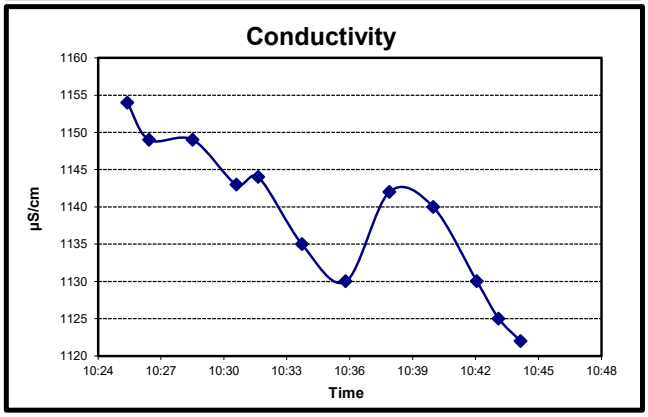
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
10:25									
10:26	7.13	5.36	11.80	-85.8	1154.00	55	500	41.38	clear
10:27	7.13	5.21	12.00	-85.9	1149.00		500		
10:29	7.13	5.20	11.90	-86.3	1149.00		500		
10:31	7.13	5.01	12.10	-86.7	1143.00		500		
10:32	7.13	5.03	11.90	-87.0	1144.00		500	41.46	clear
10:34	7.13	4.94	11.70	-87.5	1135.00		500		
10:36	7.13	4.62	12.10	-87.4	1130.00		500		
10:38	7.14	4.43	12.60	-86.5	1142.00		500		
10:40	7.15	4.98	12.00	-88.5	1140.00		500		
10:42	7.14	4.72	11.90	-89.5	1130.00		500		
10:43	7.14	4.68	11.80	-89.6	1125.00		500	41.52	clear
10:44	7.13	4.52	12.10	-89.7	1122.00		500		
MINUTES						**TOTAL LITERS**			
19.0	-0.01	-4.42%	1.65%	-0.20	-0.71%		**9.50**		









Remarks: (well condition, maintenance, etc…)

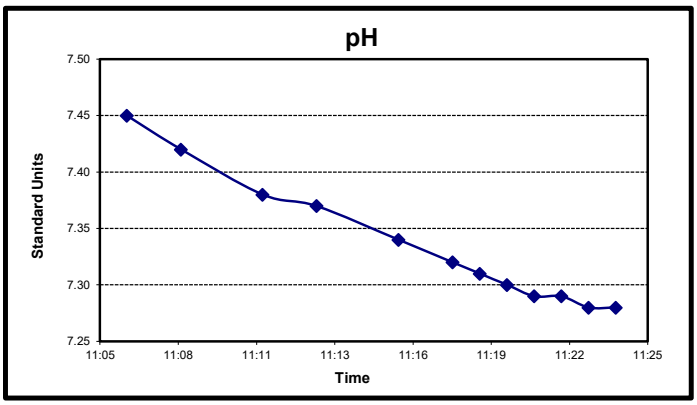
Nationwide Environmental Services, Inc.

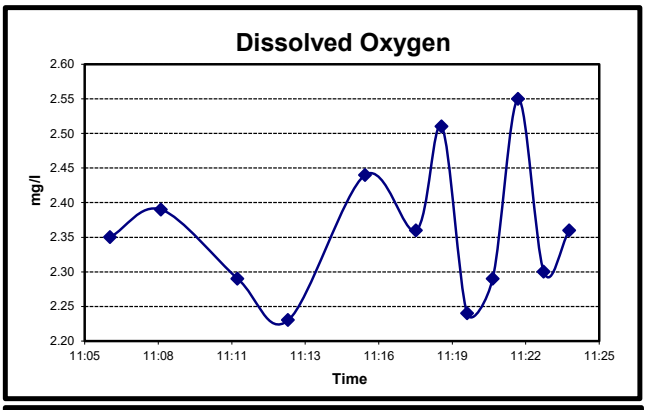
SE Rockford Superfund Site Ground Water Sampling - Field Report

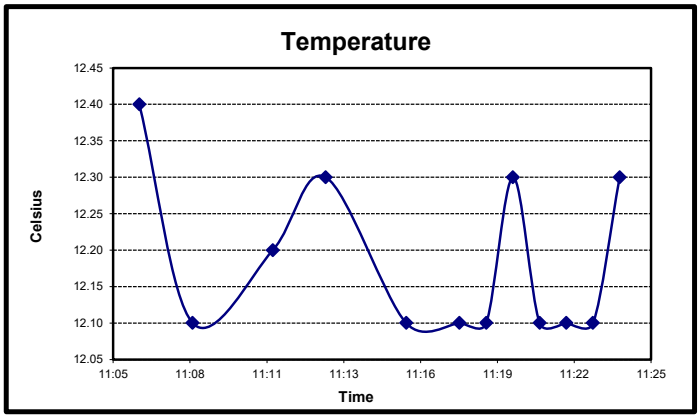
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-101B**
Casing Stickup (Ft.)	2.16	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	16-Jun-21
Total Well Depth (Ft.) TOC	153.74	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	42.98	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	108.60	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

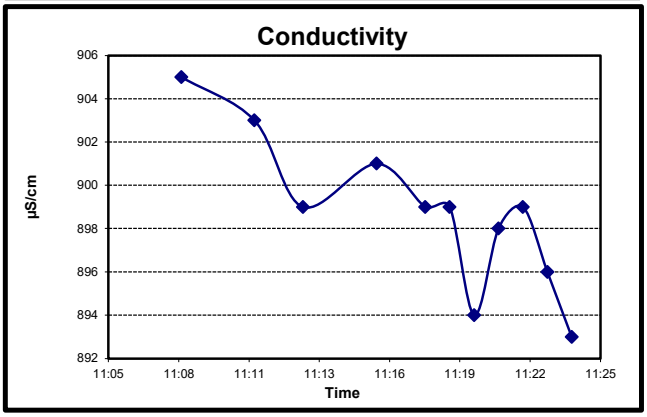
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
11:05									
11:06	7.45	2.35	12.40	-98.5	902.00	61	500	43.05	clear
11:08	7.42	2.39	12.10	-98.9	905.00		500		
11:11	7.38	2.29	12.20	-98.3	903.00		500		
11:13	7.37	2.23	12.30	-98.3	899.00		500	43.12	clear
11:16	7.34	2.44	12.10	-97.7	901.00		500		
11:18	7.32	2.36	12.10	-98.5	899.00		500		
11:19	7.31	2.51	12.10	-96.9	899.00		500		
11:20	7.30	2.24	12.30	-97.1	894.00		500		
11:21	7.29	2.29	12.10	-96.6	898.00		500		
11:22	7.29	2.55	12.10	-96.4	899.00		500		
11:23	7.28	2.30	12.10	-96.7	896.00		500	43.2	clear
11:24	7.28	2.36	12.30	-95.7	893.00		500		
MINUTES						**TOTAL LITERS**			
18.0	-0.01	-8.05%	1.63%	0.70	-0.67%		**9.00**		









Remarks: (well condition, maintenance, etc…)

FD-2 = field duplicate for MW-101B collected

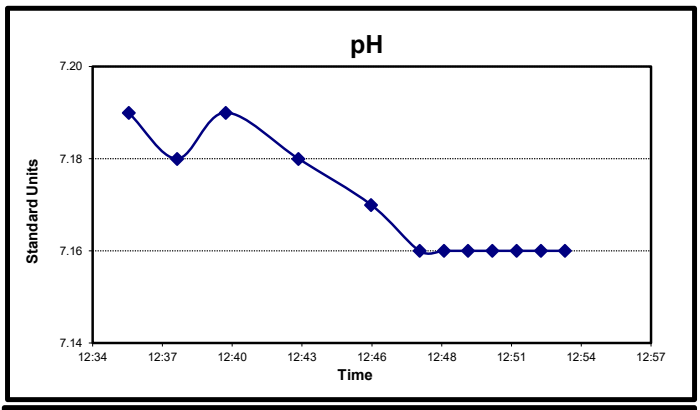
Nationwide Environmental Services, Inc.

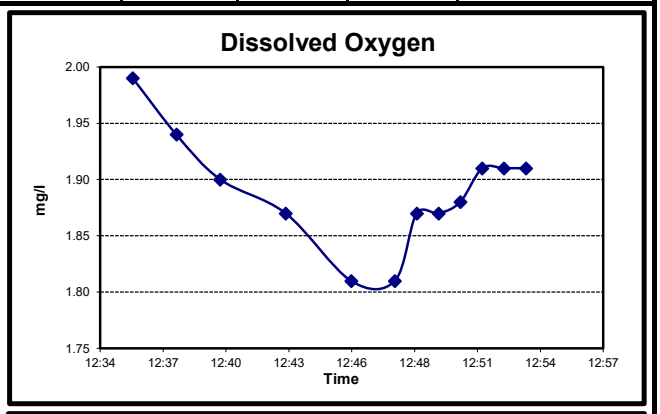
SE Rockford Superfund Site Ground Water Sampling - Field Report

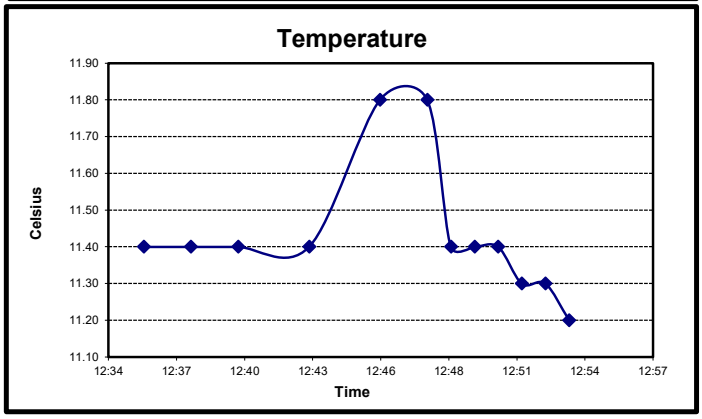
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-101C**
Casing Stickup (Ft.)	1.12	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	16-Jun-21
Total Well Depth (Ft.) TOC	174.89	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	42.85	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	130.92	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

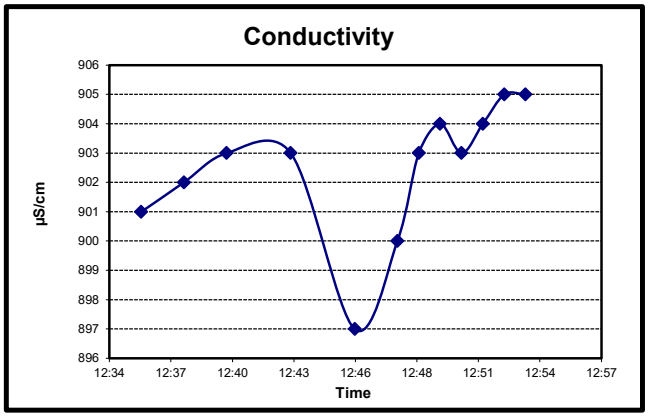
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
12:35									
12:36	7.19	1.99	11.40	-104.8	901.00	41	500	42.86	clear
12:38	7.18	1.94	11.40	-106.3	902.00		500		
12:40	7.19	1.90	11.40	-107.4	903.00		500		
12:43	7.18	1.87	11.40	-108.1	903.00		500		
12:46	7.17	1.81	11.80	-108.2	897.00		500	42.88	clear
12:48	7.16	1.81	11.80	-108.4	900.00		500		
12:49	7.16	1.87	11.40	-108.8	903.00		500		
12:50	7.16	1.87	11.40	-108.9	904.00		500		
12:51	7.16	1.88	11.40	-108.9	903.00		500		
12:52	7.16	1.91	11.30	-109.1	904.00		500		
12:53	7.16	1.91	11.30	-109.1	905.00		500		
12:54	7.16	1.91	11.20	-109.1	905.00		500	42.91	clear
MINUTES						**TOTAL LITERS**			
19.0	0.00	0.00%	-0.89%	0.00	0.11%		**9.50**		









Remarks: (well condition, maintenance, etc…)

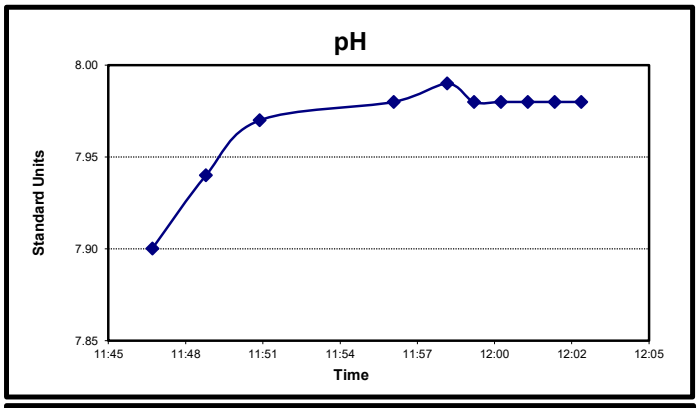
Nationwide Environmental Services, Inc.

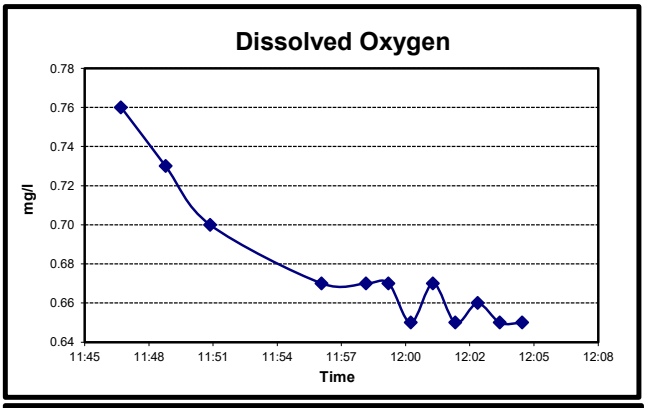
SE Rockford Superfund Site Ground Water Sampling - Field Report

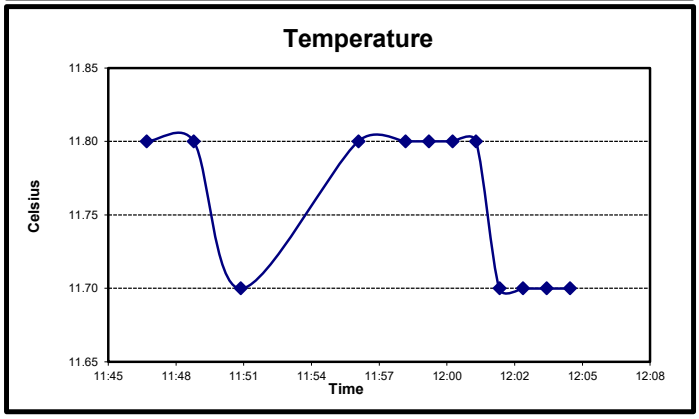
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-101D**
Casing Stickup (Ft.)	0.89	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	16-Jun-21
Total Well Depth (Ft.) TOC	212.72	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	44.93	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	166.90	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	46		

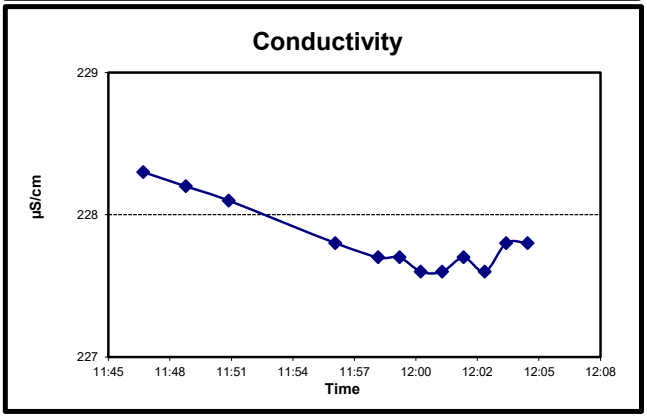
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
11:46									
11:47	7.90	0.76	11.80	-110.1	228.30	76	500	44.95	cloudy
11:49	7.94	0.73	11.80	-116.1	228.20		500		
11:51	7.97	0.70	11.70	-120.8	228.10		500		
11:56	7.98	0.67	11.80	-127.4	227.80		500		
11:58	7.99	0.67	11.80	-129.2	227.70		500	44.97	cloudy
11:59	7.98	0.67	11.80	-130.0	227.70		500		
12:00	7.98	0.65	11.80	-130.7	227.60		500		
12:01	7.98	0.67	11.80	-131.3	227.60		500		
12:02	7.98	0.65	11.70	-132.0	227.70		500		
12:03	7.98	0.66	11.70	-132.6	227.60		500		
12:04	7.99	0.65	11.70	-133.3	227.80		500	45.02	cloudy
12:05	7.99	0.65	11.70	-133.9	227.80		500		
MINUTES							**TOTAL LITERS**		
19.0	0.01	-1.54%	0.00%	-1.30	0.09%		**9.50**		









Remarks: (well condition, maintenance, etc…)

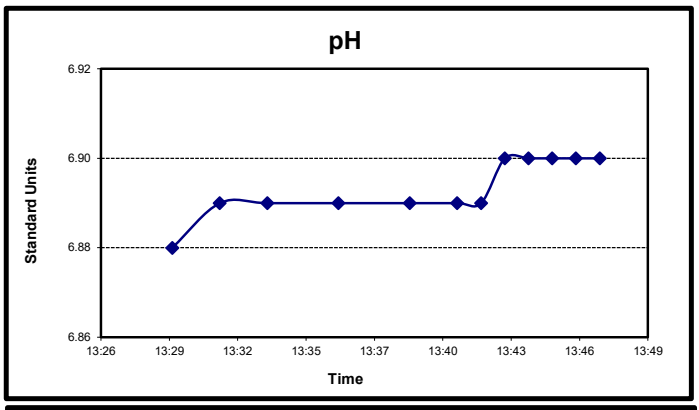
Nationwide Environmental Services, Inc.

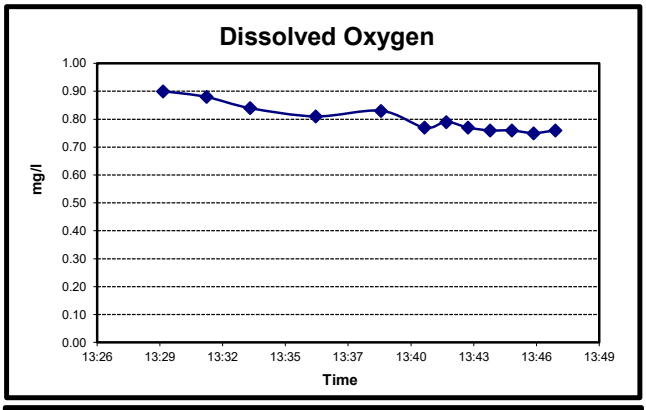
SE Rockford Superfund Site Ground Water Sampling - Field Report

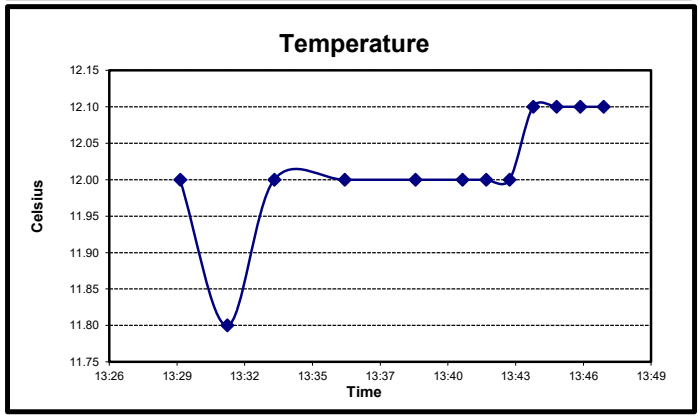
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-102A**
Casing Stickup (Ft.)	-0.47	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	16-Jun-21
Total Well Depth (Ft.) TOC	37.69	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	18.56	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	19.60	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

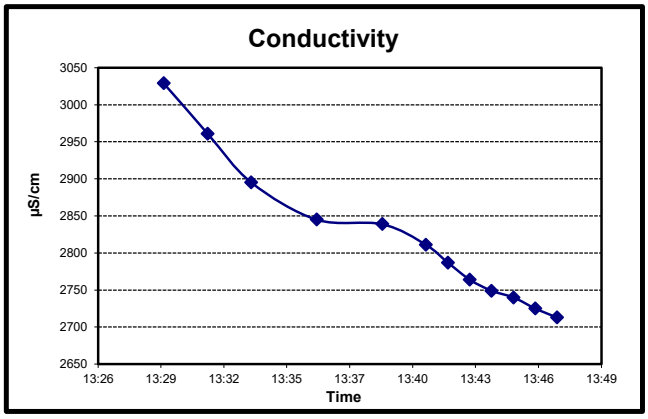
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
13:28									
13:29	6.88	0.90	12.00	-134.5	3029.00	56	400	18.62	slightly cloudy
13:31	6.89	0.88	11.80	-136.5	2961.00		400		
13:33	6.89	0.84	12.00	-138.2	2895.00		400		
13:36	6.89	0.81	12.00	-140.5	2845.00		400	18.65	slightly cloudy
13:39	6.89	0.83	12.00	-141.8	2839.00		400		
13:41	6.89	0.77	12.00	-142.4	2811.00		400		
13:42	6.89	0.79	12.00	-142.9	2787.00		400		
13:43	6.90	0.77	12.00	-143.5	2764.00		400		
13:44	6.90	0.76	12.10	-144.0	2749.00		400		
13:45	6.90	0.76	12.10	-144.5	2740.00		400		
13:46	6.90	0.75	12.10	-144.6	2725.00		400	18.73	clear
13:47	6.90	0.76	12.10	-144.9	2713.00		400		
MINUTES						**TOTAL LITERS**			
19.0	0.00	0.00%	0.00%	-0.40	-1.00%		**7.60**		









Remarks: (well condition, maintenance, etc…)

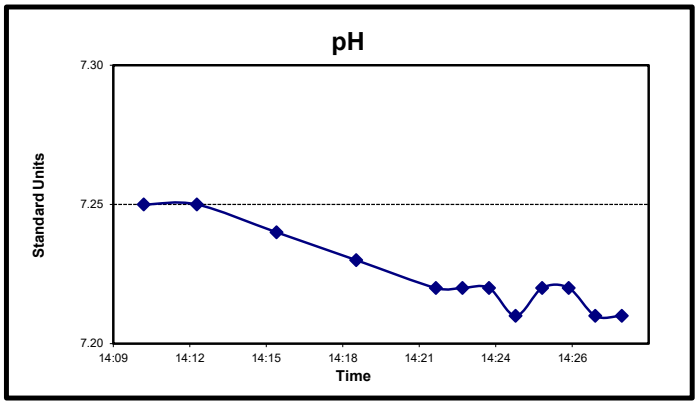
Nationwide Environmental Services, Inc.

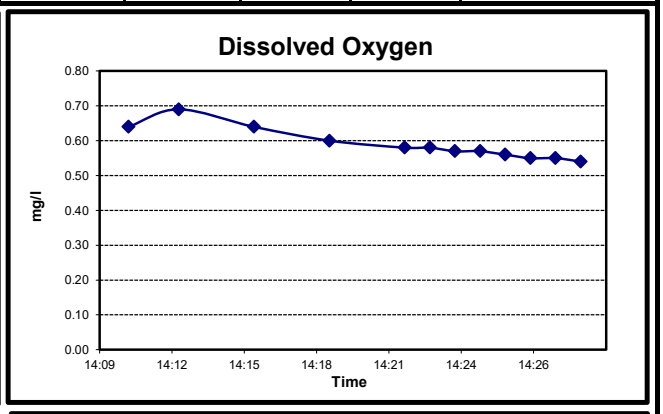
SE Rockford Superfund Site Ground Water Sampling - Field Report

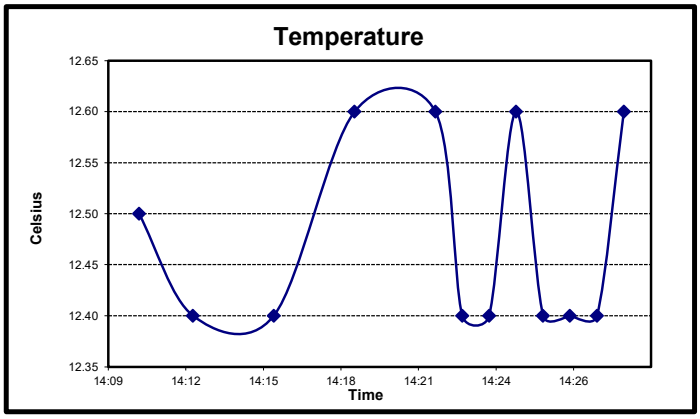
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-102B**
Casing Stickup (Ft.)	-0.68	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	16-Jun-21
Total Well Depth (Ft.) TOC	100.5	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	34.43	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	66.75	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

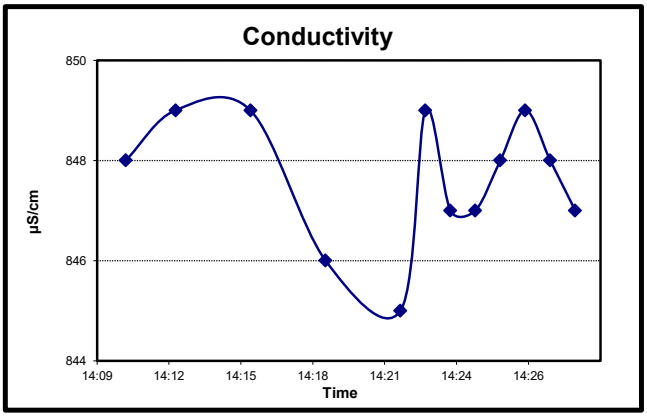
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
14:09									
14:10	7.25	0.64	12.50	-134.5	848.00	28	400	34.48	Slightly cloudy
14:12	7.25	0.69	12.40	-136.7	849.00		400		
14:15	7.24	0.64	12.40	-139.1	849.00		400		
14:18	7.23	0.60	12.60	-141.2	846.00		400	34.53	clear
14:21	7.22	0.58	12.60	-142.7	845.00		400		
14:22	7.22	0.58	12.40	-143.2	849.00		400		
14:23	7.22	0.57	12.40	-143.6	847.00		400		
14:24	7.21	0.57	12.60	-144.0	847.00		400		
14:25	7.22	0.56	12.40	-144.5	848.00		400		
14:26	7.22	0.55	12.40	-144.8	849.00		400	34.59	clear
14:27	7.21	0.55	12.40	-145.1	848.00		400		
14:28	7.21	0.54	12.60	-145.5	847.00		400		
MINUTES						**TOTAL LITERS**			
19.0	-0.01	-1.85%	1.59%	-0.70	-0.24%		**7.60**		









Remarks: (well condition, maintenance, etc…)

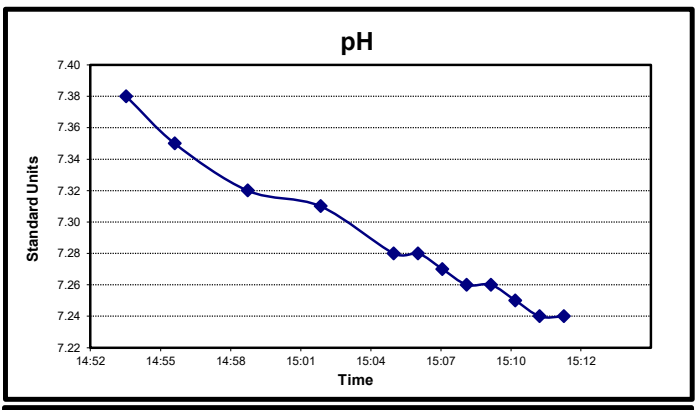
Nationwide Environmental Services, Inc.

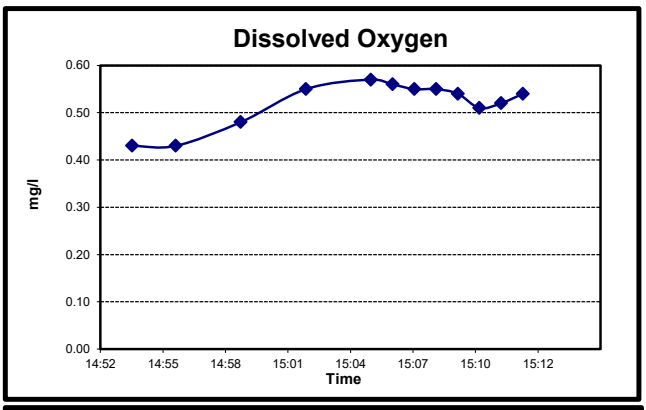
SE Rockford Superfund Site Ground Water Sampling - Field Report

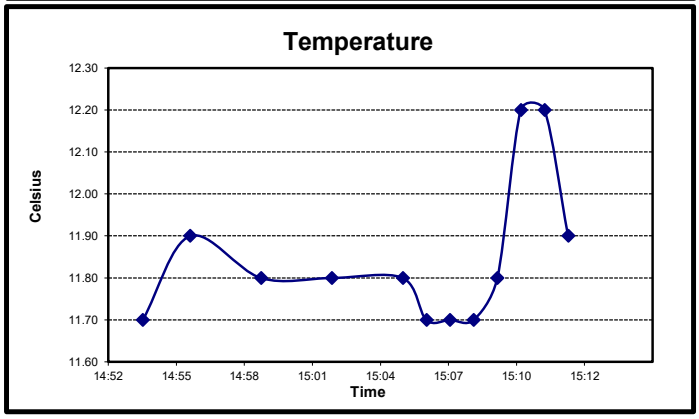
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-102C**
Casing Stickup (Ft.)	-0.43	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	16-Jun-21
Total Well Depth (Ft.) TOC	187.42	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	36.58	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	151.27	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

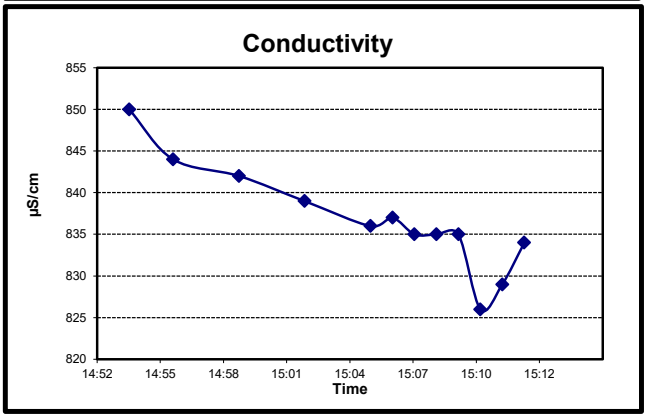
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
14:53									
14:54	7.38	0.43	11.70	-154.2	850.00	47	380	36.64	slightly cloudy
14:56	7.35	0.43	11.90	-155.8	844.00		380		
14:59	7.32	0.48	11.80	-157.0	842.00		380		
15:02	7.31	0.55	11.80	-157.8	839.00		380		
15:05	7.28	0.57	11.80	-158.9	836.00		380		
15:06	7.28	0.56	11.70	-159.1	837.00		380	36.72	slightly cloudy
15:07	7.27	0.55	11.70	-159.2	835.00		380		
15:08	7.26	0.55	11.70	-159.2	835.00		380		
15:09	7.26	0.54	11.80	-159.4	835.00		380		
15:10	7.25	0.51	12.20	-159.6	826.00		380		
15:11	7.24	0.52	12.20	-159.7	829.00		380		
15:12	7.24	0.54	11.90	-160.0	834.00		380	36.78	slightly cloudy
MINUTES						**TOTAL LITERS**			
19.0	-0.01	5.56%	-2.52%	-0.40	0.96%		**7.22**		









Remarks: (well condition, maintenance, etc…)

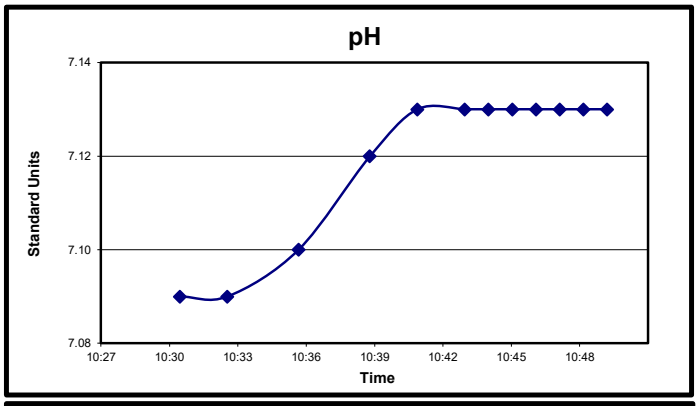
Nationwide Environmental Services, Inc.

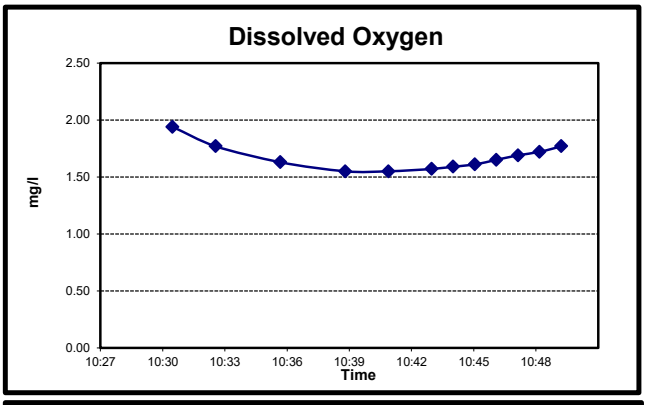
SE Rockford Superfund Site Ground Water Sampling - Field Report

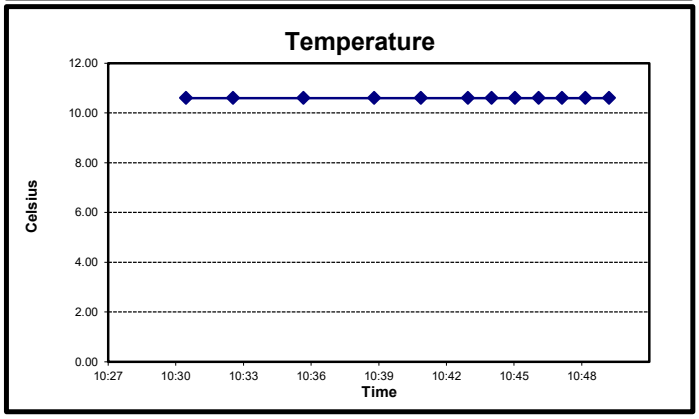
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-113A**
Casing Stickup (Ft.)	-1.06	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	17-Jun-21
Total Well Depth (Ft.) TOC	104.5	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	53.86	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	51.70	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

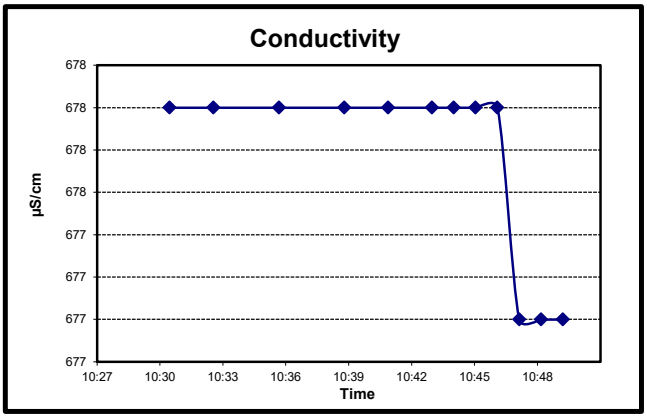
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
10:30									
10:31	7.09	1.94	10.60	-147.1	678.00	93	400	53.89	Slightly cloudy
10:33	7.09	1.77	10.60	-146.2	678.00		400		
10:36	7.10	1.63	10.60	-145.5	678.00		400		
10:39	7.12	1.55	10.60	-145.1	678.00		400		
10:41	7.13	1.55	10.60	-144.4	678.00		400	53.95	Slightly cloudy
10:43	7.13	1.57	10.60	-143.2	678.00		400		
10:44	7.13	1.59	10.60	-142.4	678.00		400		
10:45	7.13	1.61	10.60	-141.8	678.00		400		
10:46	7.13	1.65	10.60	-141.0	678.00		400		
10:47	7.13	1.69	10.60	-140.2	677.00		400		
10:48	7.13	1.72	10.60	-139.5	677.00		400	54.04	Slightly cloudy
10:49	7.13	1.77	10.60	-138.6	677.00		400		
MINUTES						**TOTAL LITERS**			
19.0	0.00	4.52%	0.00%	1.60	0.00%		**7.60**		









Remarks: (well condition, maintenance, etc…)

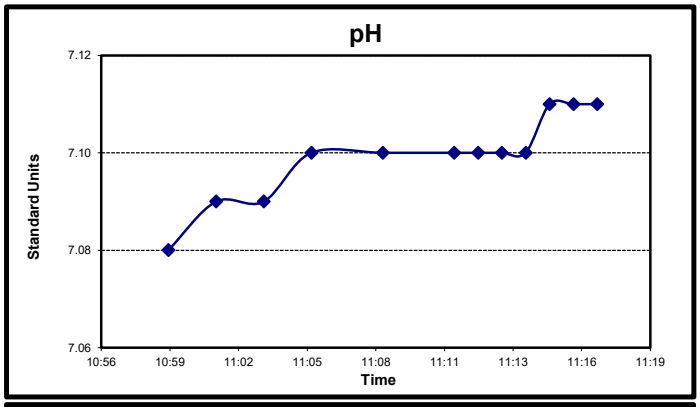
Nationwide Environmental Services, Inc.

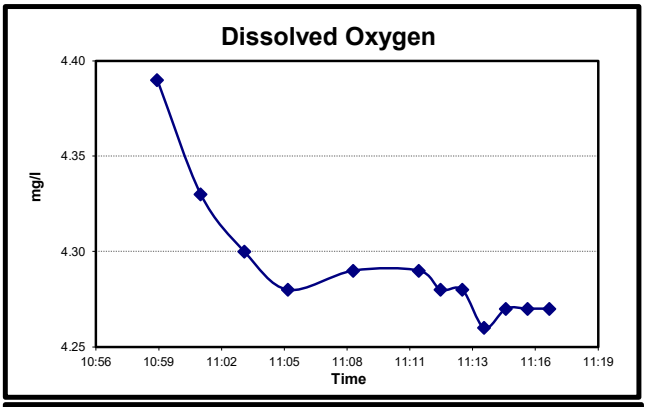
SE Rockford Superfund Site Ground Water Sampling - Field Report

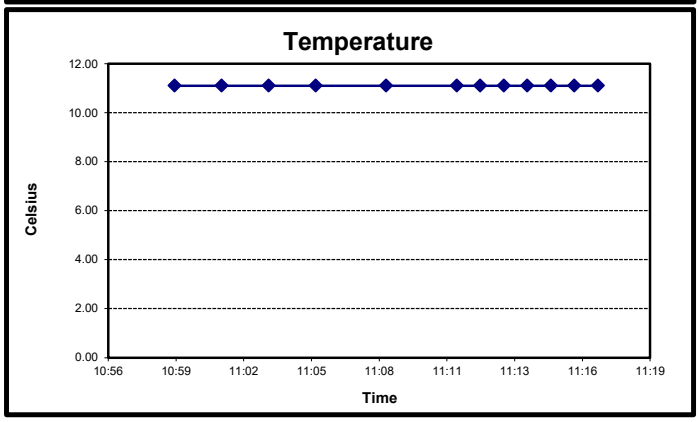
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-113B**
Casing Stickup (Ft.)	-0.43	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	17-Jun-21
Total Well Depth (Ft.) TOC	155.26	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	54.49	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	101.20	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

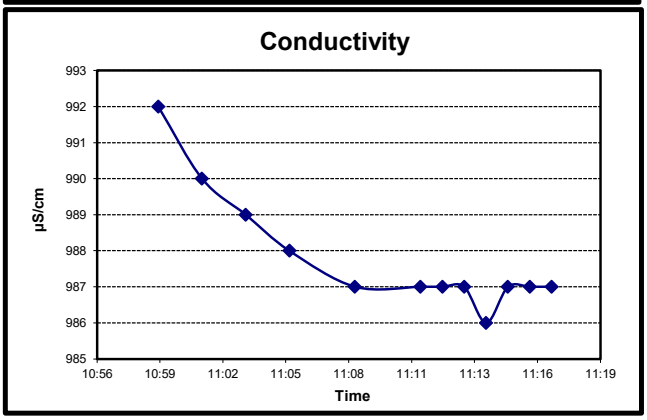
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
10:58									
10:59	7.08	4.39	11.10	-113.7	992.00	81	410	54.53	slightly cloudy
11:01	7.09	4.33	11.10	-112.7	990.00		410		
11:03	7.09	4.30	11.10	-110.8	989.00		410		
11:05	7.10	4.28	11.10	-109.1	988.00		410		
11:08	7.10	4.29	11.10	-107.3	987.00		410	54.61	slightly cloudy
11:11	7.10	4.29	11.10	-105.4	987.00		410		
11:12	7.10	4.28	11.10	-104.9	987.00		410		
11:13	7.10	4.28	11.10	-104.4	987.00		410		
11:14	7.10	4.26	11.10	-103.9	986.00		410		
11:15	7.11	4.27	11.10	-103.4	987.00		410		
11:16	7.11	4.27	11.10	-103.0	987.00		410	54.67	slightly cloudy
11:17	7.11	4.27	11.10	-102.7	987.00		410		
MINUTES						**TOTAL LITERS**			
19.0	0.00	0.00%	0.00%	0.70	0.00%		**7.79**		









Remarks: (well condition, maintenance, etc…)

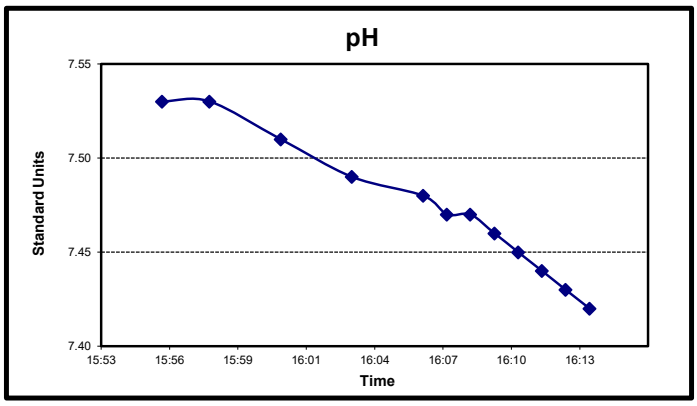
Nationwide Environmental Services, Inc.

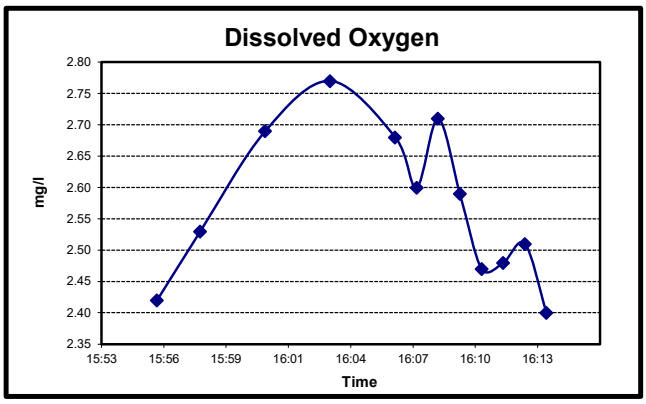
SE Rockford Superfund Site Ground Water Sampling - Field Report

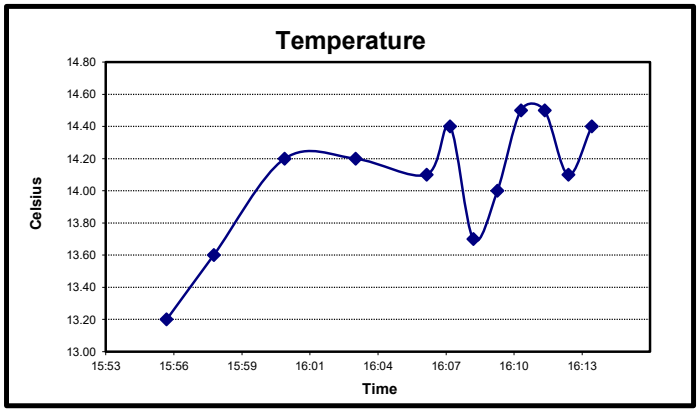
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-114A**
Casing Stickup (Ft.)	2.45	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	16-Jun-21
Total Well Depth (Ft.) TOC	97.48	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	25.3	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	69.73	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

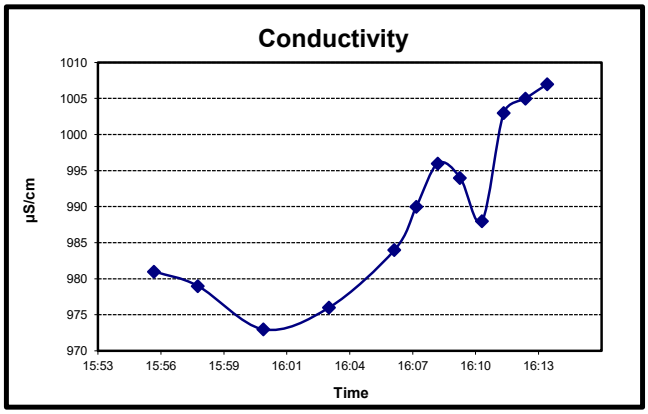
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
15:54									
15:55	7.53	2.42	13.20	-122.4	981.00	50	390	25.36	slightly cloudy
15:57	7.53	2.53	13.60	-122.3	979.00		390		
16:00	7.51	2.69	14.20	-121.7	973.00		390		
16:03	7.49	2.77	14.20	-121.9	976.00		390	25.41	slightly cloudy
16:06	7.48	2.68	14.10	-123.0	984.00		390		
16:07	7.47	2.60	14.40	-123.3	990.00		390		
16:08	7.47	2.71	13.70	-124.0	996.00		390		
16:09	7.46	2.59	14.00	-124.4	994.00		390		
16:10	7.45	2.47	14.50	-124.7	988.00		390		
16:11	7.44	2.48	14.50	-125.2	1003.00		390		
16:12	7.43	2.51	14.10	-125.6	1005.00		390	25.49	slightly cloudy
16:13	7.42	2.40	14.40	-125.9	1007.00		390		
MINUTES						**TOTAL LITERS**			
19.0	-0.02	-3.33%	-0.69%	-0.70	0.40%		**7.42**		









Remarks: (well condition, maintenance, etc…)

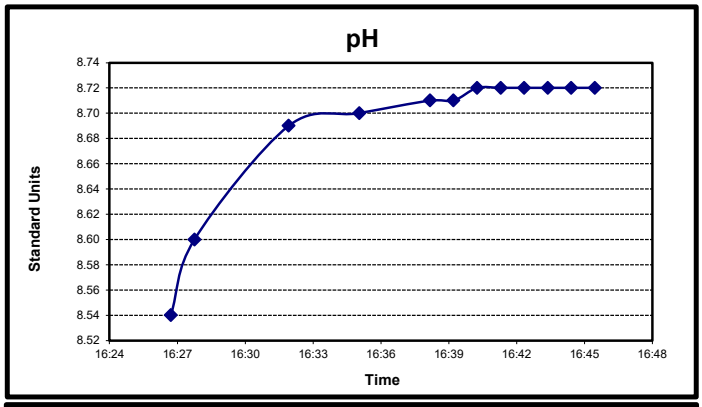
Nationwide Environmental Services, Inc.

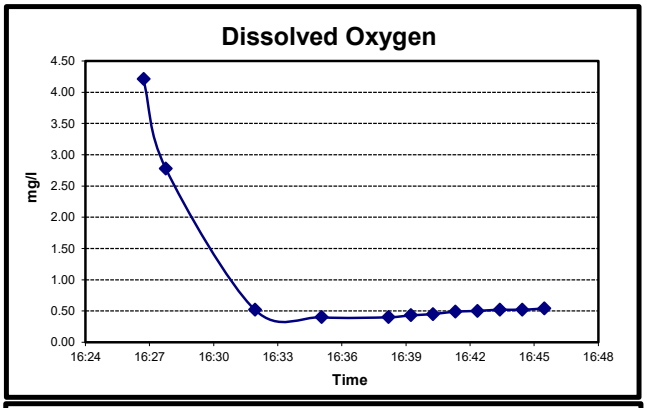
SE Rockford Superfund Site Ground Water Sampling - Field Report

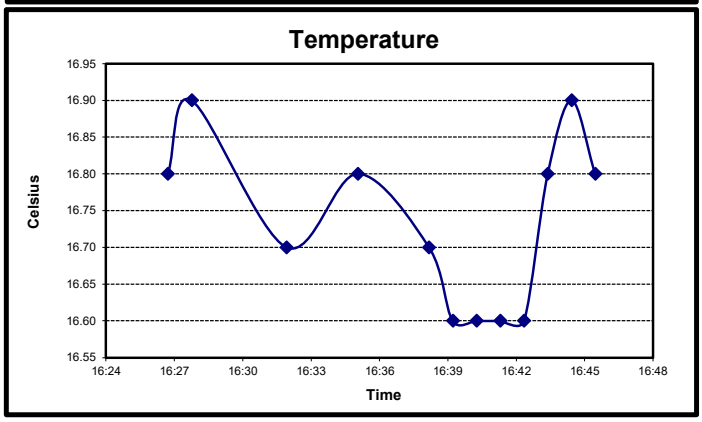
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-114B**
Casing Stickup (Ft.)	-0.24	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	16-Jun-21
Total Well Depth (Ft.) TOC	222.58	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	26.97	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	195.85	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

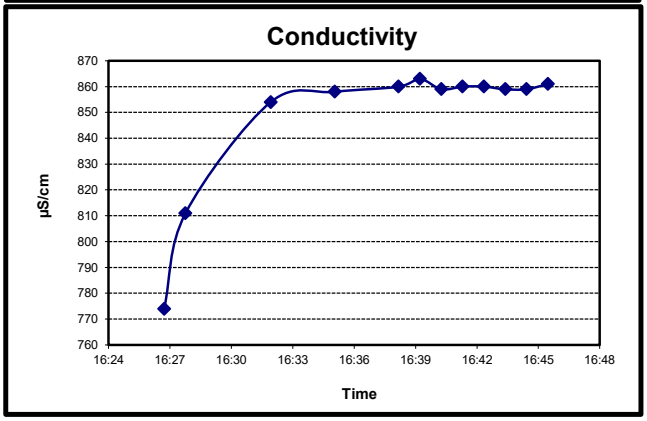
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
16:26									
16:27	8.54	4.21	16.80	-161.8	774.00	27	350		
16:28	8.60	2.78	16.90	-169.3	811.00		350	26.99	slightly cloudy
16:32	8.69	0.52	16.70	-190.4	854.00		350		
16:35	8.70	0.40	16.80	-197.2	858.00		350	27.11	slightly cloudy
16:38	8.71	0.40	16.70	-201.2	860.00		350		
16:39	8.71	0.43	16.60	-202.4	863.00		350		
16:40	8.72	0.45	16.60	-203.1	859.00		350		
16:41	8.72	0.49	16.60	-203.9	860.00		350		
16:42	8.72	0.50	16.60	-204.7	860.00		350		
16:43	8.72	0.52	16.80	-205.7	859.00		350		
16:44	8.72	0.52	16.90	-206.6	859.00		350	27.18	clear
16:45	8.72	0.54	16.80	-207.2	861.00		350		
MINUTES						**TOTAL LITERS**			
19.0	0.00	3.70%	0.00%	-1.50	0.23%		**6.65**		









Remarks: (well condition, maintenance, etc…)

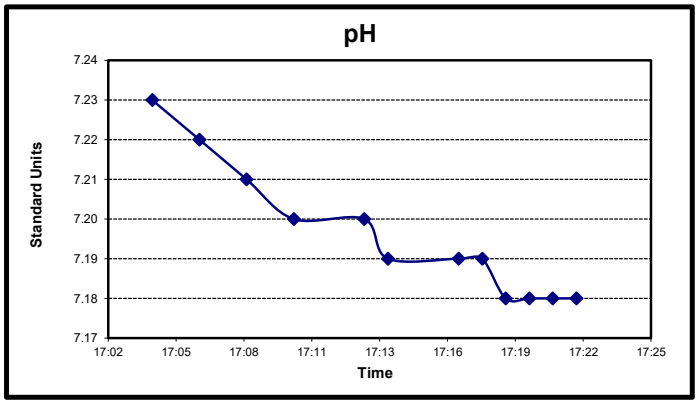
Duplicate FD2 collected.

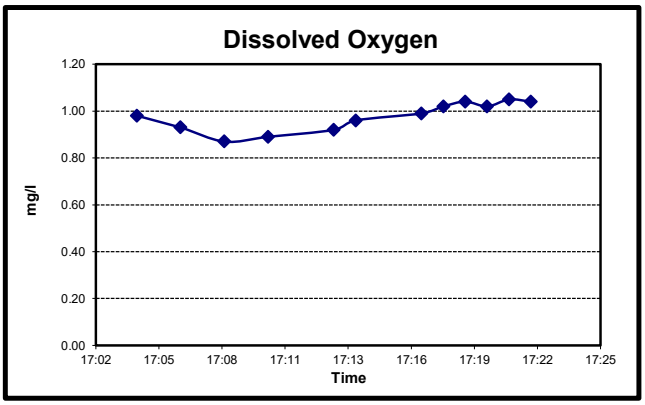
SE Rockford Superfund Site Ground Water Sampling - Field Report

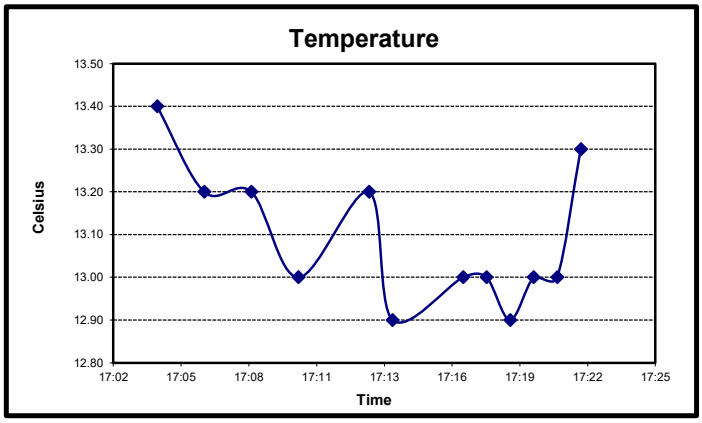
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-117B**
Casing Stickup (Ft.)	-0.45	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	14-Jun-21
Total Well Depth (Ft.) TOC	89.5	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	6.25	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	83.70	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

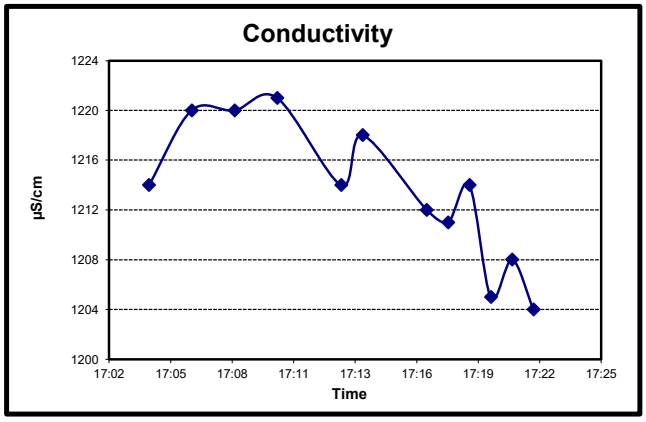
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
17:03									
17:04	7.23	0.98	13.40	-141.3	1214.00	35	500	6.25	clear
17:06	7.22	0.93	13.20	-144.9	1220.00		500		
17:08	7.21	0.87	13.20	-147.3	1220.00		500		
17:10	7.20	0.89	13.00	-148.7	1221.00		500		
17:13	7.20	0.92	13.20	-149.6	1214.00		500		
17:14	7.19	0.96	12.90	-149.7	1218.00		500	6.26	clear
17:17	7.19	0.99	13.00	-149.3	1212.00		500		
17:18	7.19	1.02	13.00	-149.1	1211.00		500		
17:19	7.18	1.04	12.90	-148.9	1214.00		500	6.26	clear
17:20	7.18	1.02	13.00	-148.7	1205.00		500		
17:21	7.18	1.05	13.00	-147.9	1208.00		500		
17:22	7.18	1.04	13.30	-147.4	1204.00		500		
MINUTES						**TOTAL LITERS**			
19.0	0.00	1.92%	2.26%	1.30	-0.08%		**9.50**		









Remarks: (well condition, maintenance, etc…)

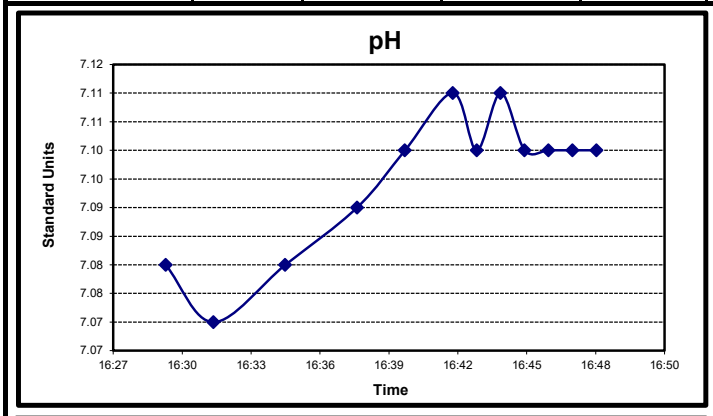
Nationwide Environmental Services, Inc.

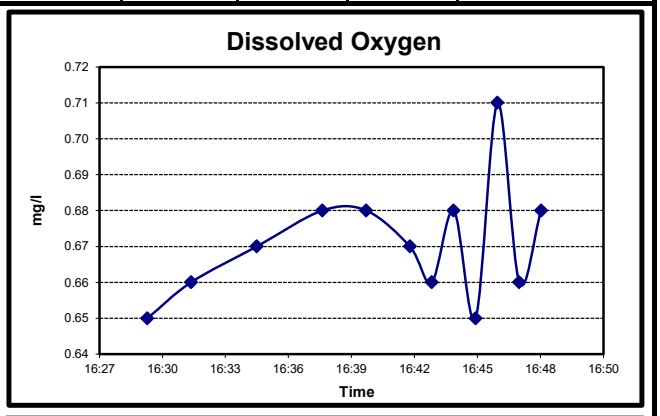
SE Rockford Superfund Site Ground Water Sampling - Field Report

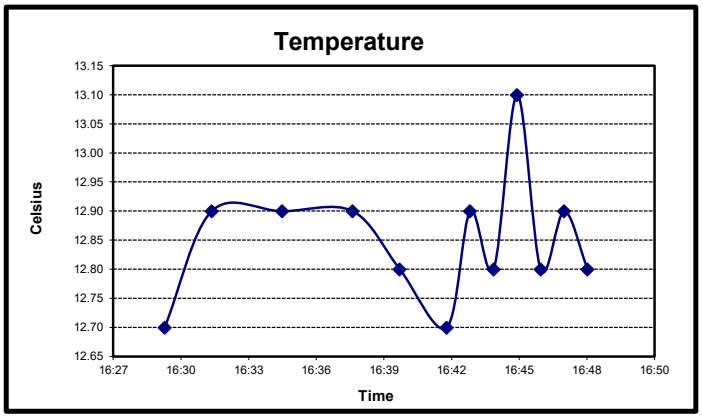
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-117C**
Casing Stickup (Ft.)	-0.63	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	14-Jun-21
Total Well Depth (Ft.) TOC	158.31	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	4.95	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	153.99	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

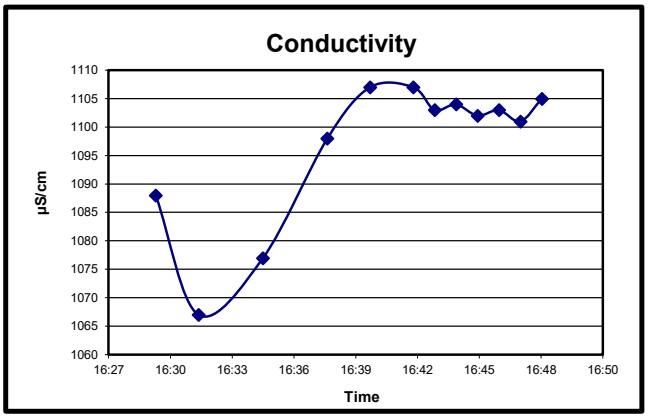
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
16:29									
16:30	7.08	0.65	12.70	-156.8	1088.00	31	500	4.95	clear
16:32	7.07	0.66	12.90	-160.7	1067.00		500		
16:35	7.08	0.67	12.90	-164.4	1077.00		500		
16:38	7.09	0.68	12.90	-166.3	1098.00		500		
16:40	7.10	0.68	12.80	-167.3	1107.00		500	4.95	clear
16:42	7.11	0.67	12.70	-167.8	1107.00		500		
16:43	7.10	0.66	12.90	-167.7	1103.00		500		
16:44	7.11	0.68	12.80	-168.0	1104.00		500		
16:45	7.10	0.65	13.10	-168.0	1102.00		500		
16:46	7.10	0.71	12.80	-168.1	1103.00		500		
16:47	7.10	0.66	12.90	-168.1	1101.00		500		
16:48	7.10	0.68	12.80	-168.1	1105.00		500		clear
MINUTES						**TOTAL LITERS**			
19.0	0.00	-4.41%	0.00%	0.00	0.18%		**9.50**		









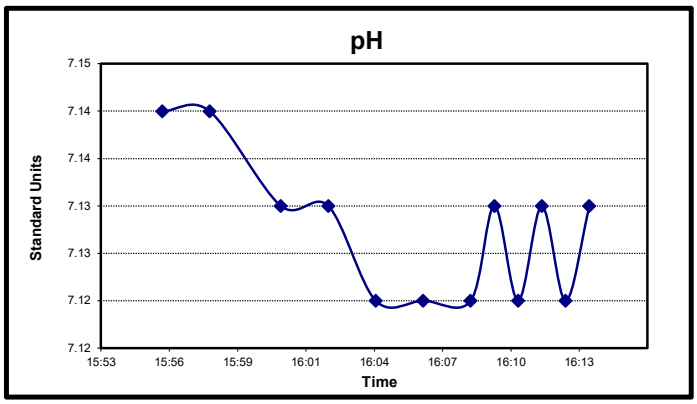
Remarks: (well condition, maintenance, etc…)

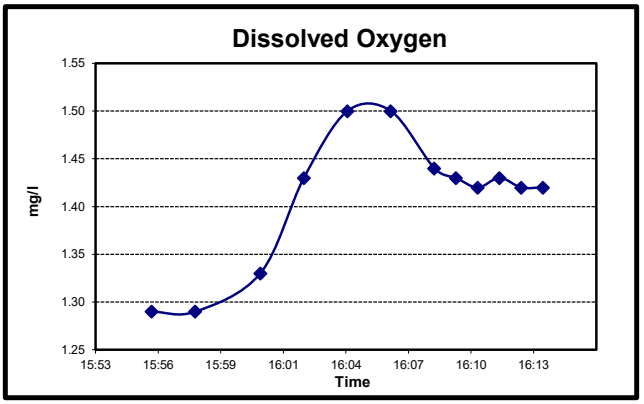
SE Rockford Superfund Site Ground Water Sampling - Field Report

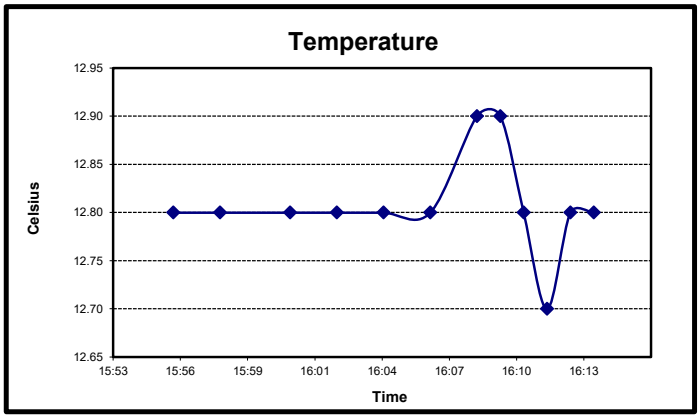
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-117D**
Casing Stickup (Ft.)	-0.3	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	14-Jun-21
Total Well Depth (Ft.) TOC	200.2	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	4.5	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	196.00	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

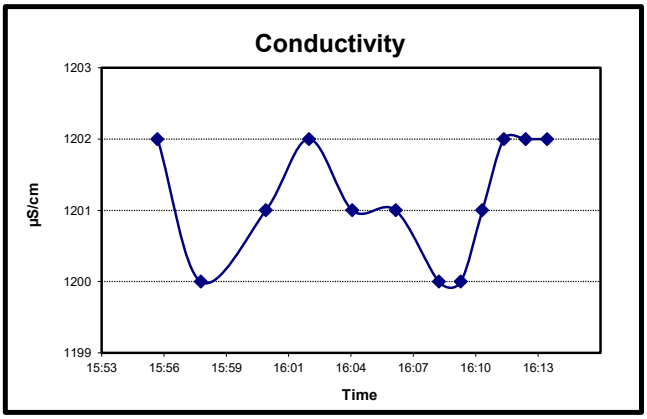
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
15:54									
15:55	7.14	1.29	12.80	-138.3	1202.00	23	500	4.5	clear
15:57	7.14	1.29	12.80	-138.4	1200.00	23	500		
16:00	7.13	1.33	12.80	-138.3	1201.00	23	500		
16:02	7.13	1.43	12.80	-138.3	1202.00	23	500		
16:04	7.12	1.50	12.80	-137.9	1201.00	23	500	4.52	clear
16:06	7.12	1.50	12.80	-137.4	1201.00	23	500		
16:08	7.12	1.44	12.90	-136.9	1200.00	23	500		
16:09	7.13	1.43	12.90	-137.2	1200.00	23	500		
16:10	7.12	1.42	12.80	-136.9	1201.00	23	500		
16:11	7.13	1.43	12.70	-137.2	1202.00	23	500		
16:12	7.12	1.42	12.80	-136.8	1202.00	23	500	4.52	clear
16:13	7.13	1.42	12.80	-136.7	1202.00	23	500		
MINUTES						**TOTAL LITERS**			
19.0	0.00	-0.70%	0.78%	0.50	0.00%		**9.50**		









Remarks: (well condition, maintenance, etc…)

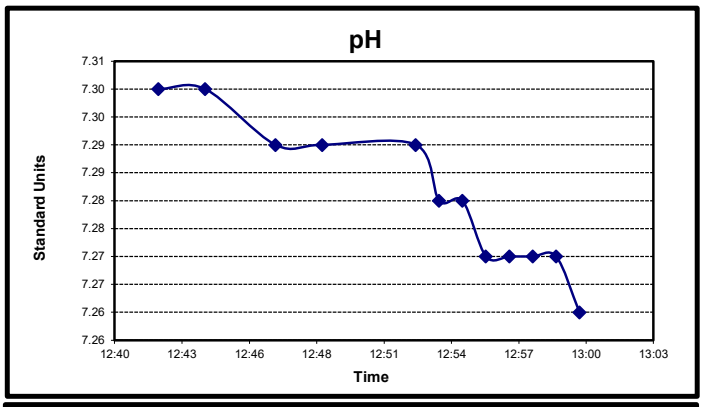
Nationwide Environmental Services, Inc.

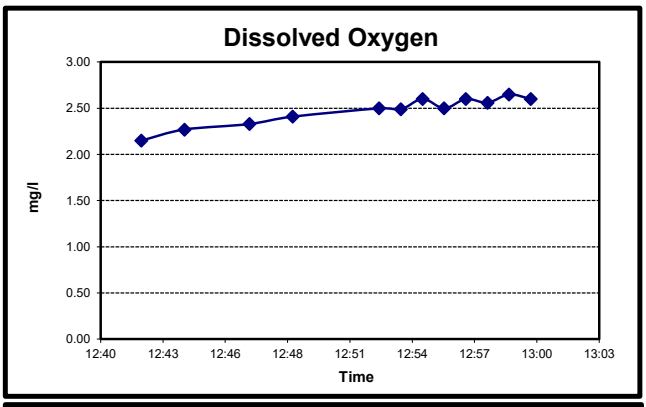
SE Rockford Superfund Site Ground Water Sampling - Field Report

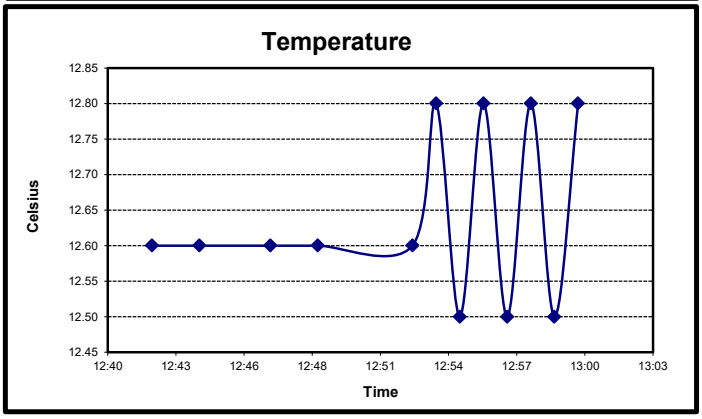
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-119**
Casing Stickup (Ft.)	3.25	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	15-Jun-21
Total Well Depth (Ft.) TOC	62.41	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	25.45	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	33.71	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

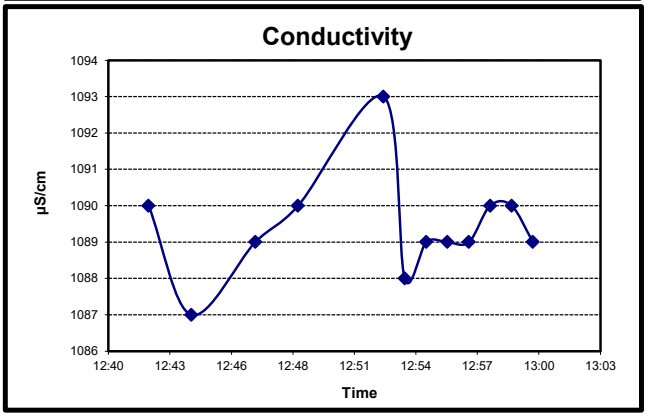
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
12:41									
12:42	7.30	2.15	12.60	-122.1	1090.00	68	350	25.49	slightly cloudy
12:44	7.30	2.27	12.60	-120.7	1087.00		350		
12:47	7.29	2.33	12.60	-118.2	1089.00		350		
12:49	7.29	2.41	12.60	-116.3	1090.00		350		
12:53	7.29	2.50	12.60	-113.7	1093.00		350	25.53	
12:54	7.28	2.49	12.80	-112.6	1088.00		350		
12:55	7.28	2.60	12.50	-111.5	1089.00		350		slightly cloudy
12:56	7.27	2.50	12.80	-110.5	1089.00		350		
12:57	7.27	2.60	12.50	-109.9	1089.00		350		
12:58	7.27	2.56	12.80	-108.7	1090.00		350		
12:59	7.27	2.65	12.50	-108.1	1090.00		350	25.65	clear
13:00	7.26	2.60	12.80	-107.2	1089.00		350		
MINUTES						**TOTAL LITERS**			
19.0	-0.01	1.54%	0.00%	1.50	-0.09%		**6.65**		









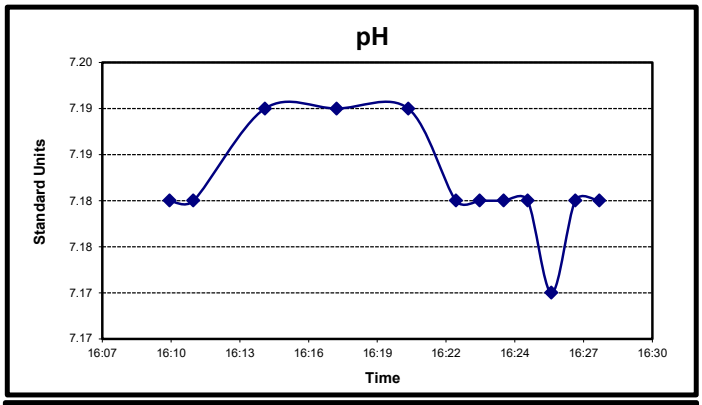
Remarks: (well condition, maintenance, etc…)

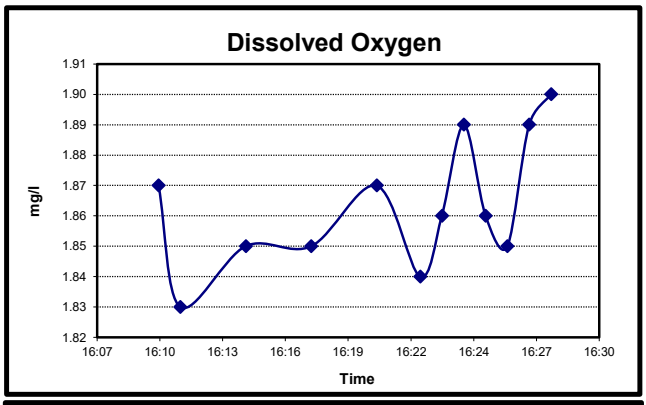
SE Rockford Superfund Site Ground Water Sampling - Field Report

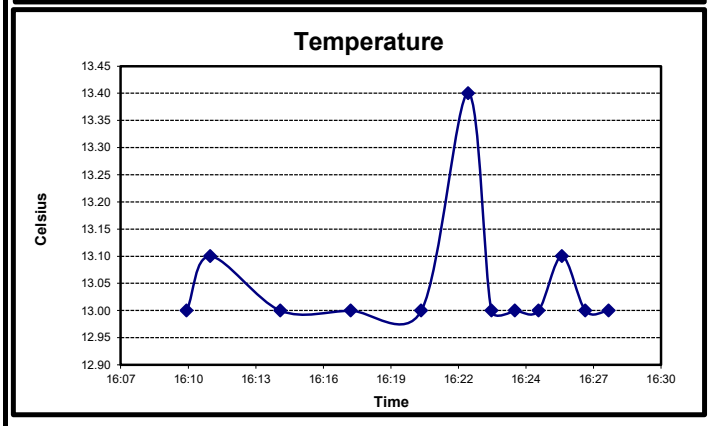
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-121**
Casing Stickup (Ft.)	2.53	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	13-Jun-21
Total Well Depth (Ft.) TOC	67.55	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	22.37	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	42.65	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

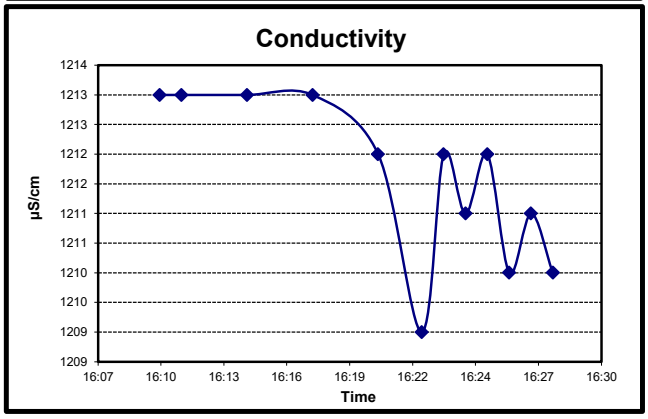
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
16:09									
16:10	7.18	1.87	13.00	-123.2	1213.00	79	310		
16:11	7.18	1.83	13.10	-122.8	1213.00		310	22.41	slightly cloudy
16:14	7.19	1.85	13.00	-121.9	1213.00		310		
16:17	7.19	1.85	13.00	-120.6	1213.00		310		
16:20	7.19	1.87	13.00	-119.4	1212.00		310	22.48	slightly cloudy
16:22	7.18	1.84	13.40	-118.6	1209.00		310		
16:23	7.18	1.86	13.00	-118.0	1212.00		310		
16:24	7.18	1.89	13.00	-117.9	1211.00		310		
16:25	7.18	1.86	13.00	-117.6	1212.00		310		
16:26	7.17	1.85	13.10	-116.8	1210.00		310	22.54	slightly cloudy
16:27	7.18	1.89	13.00	-116.7	1211.00		310		
16:28	7.18	1.90	13.00	-116.5	1210.00		310		
MINUTES							**TOTAL LITERS**		
19.0	0.01	2.63%	-0.77%	0.30	0.00%		**5.89**		









Remarks: (well condition, maintenance, etc…)

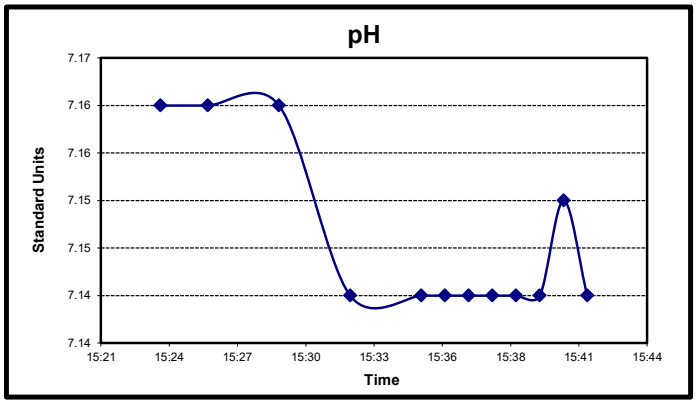
Nationwide Environmental Services, Inc.

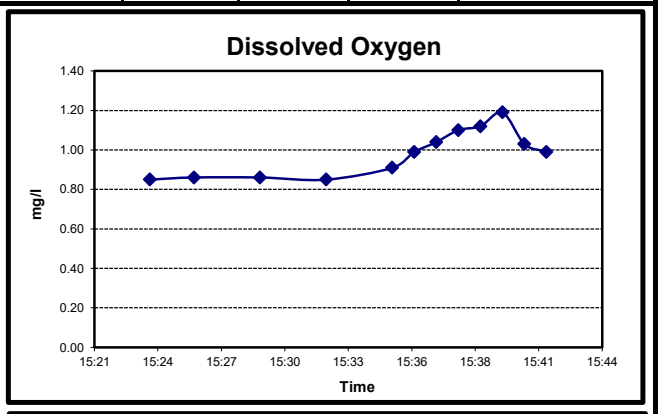
SE Rockford Superfund Site Ground Water Sampling - Field Report

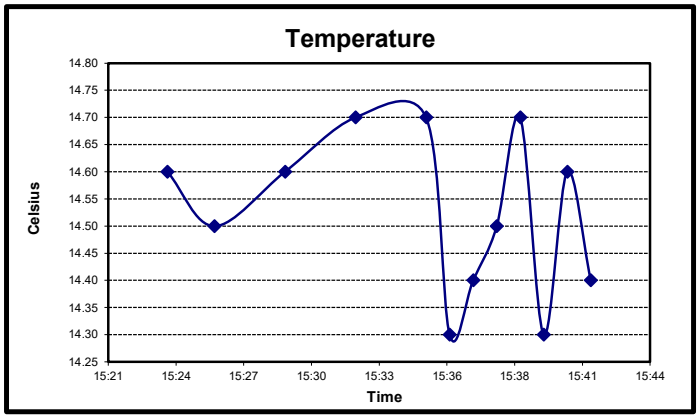
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-124**
Casing Stickup (Ft.)	2.17	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	13-Jun-21
Total Well Depth (Ft.) TOC	102.76	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	34.32	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	66.27	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

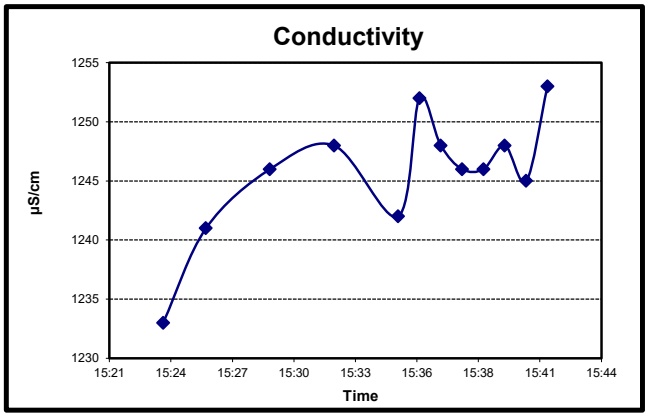
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
15:23									
15:24	7.16	0.85	14.60	-167.1	1233.00	41	400	34.36	slightly cloudy
15:26	7.16	0.86	14.50	-167.7	1241.00		400		
15:29	7.16	0.86	14.60	-167.3	1246.00		400		
15:32	7.14	0.85	14.70	-167.8	1248.00		400	34.4	slightly cloudy
15:35	7.14	0.91	14.70	-167.6	1242.00		400		
15:36	7.14	0.99	14.30	-167.9	1252.00		400		
15:37	7.14	1.04	14.40	-167.6	1248.00		400		
15:38	7.14	1.10	14.50	-167.6	1246.00		400		
15:39	7.14	1.12	14.70	-167.9	1246.00		400		
15:40	7.14	1.19	14.30	-167.9	1248.00		400		
15:41	7.15	1.03	14.60	-167.4	1245.00		400	34.45	slightly cloudy
15:42	7.14	0.99	14.40	-167.8	1253.00		400		
MINUTES						**TOTAL LITERS**			
19.0	0.00	-20.20%	0.69%	0.10	0.40%		**7.60**		









Remarks: (well condition, maintenance, etc…)

Duplicate FD1 collected

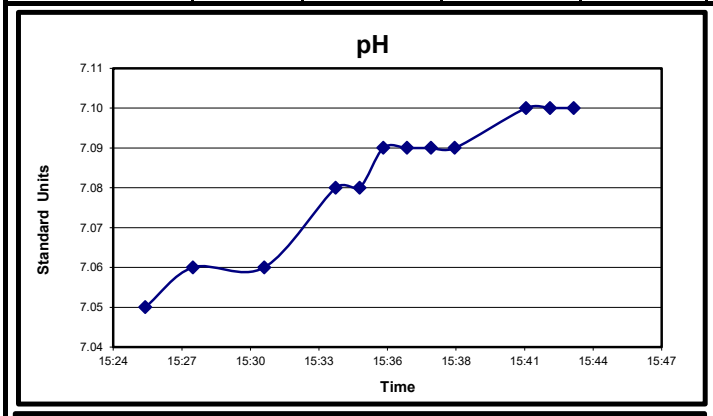
Nationwide Environmental Services, Inc.

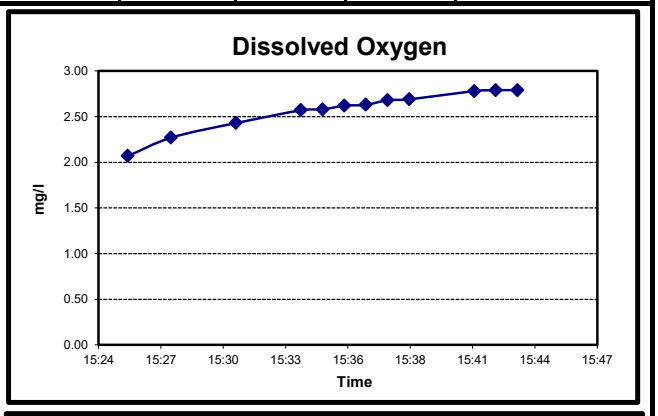
SE Rockford Superfund Site Ground Water Sampling - Field Report

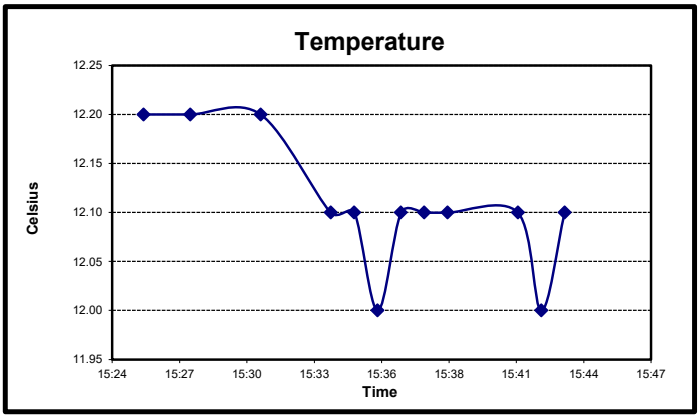
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-130**
Casing Stickup (Ft.)	-0.3	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	15-Jun-21
Total Well Depth (Ft.) TOC	38.17	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	22.14	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	16.33	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

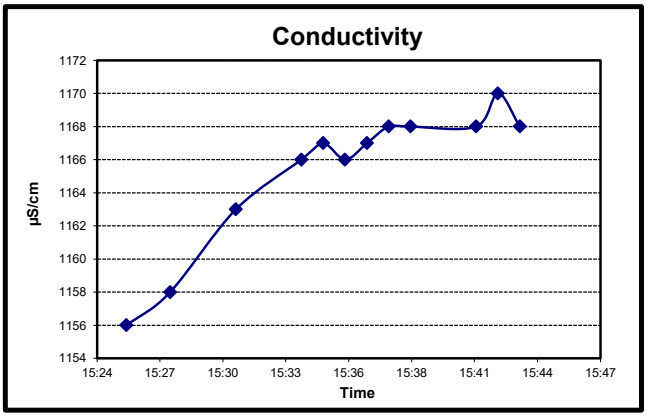
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
15:24									
15:25	7.05	2.07	12.20	-96.3	1156.00	81	380	22.21	slightly cloudy
15:27	7.06	2.27	12.20	-94.4	1158.00		380		
15:30	7.06	2.43	12.20	-91.5	1163.00		380		
15:33	7.08	2.57	12.10	-90.1	1166.00		380	22.29	slightly cloudy
15:34	7.08	2.58	12.10	-89.6	1167.00		380		
15:35	7.09	2.62	12.00	-89.3	1166.00		380		
15:36	7.09	2.63	12.10	-88.4	1167.00		380		
15:37	7.09	2.68	12.10	-88.1	1168.00		380		
15:38	7.09	2.69	12.10	-87.5	1168.00		380		
15:41	7.10	2.78	12.10	-86.6	1168.00		380		
15:42	7.10	2.79	12.00	-86.2	1170.00		380		
15:43	7.10	2.79	12.10	-85.9	1168.00		380	22.36	slightly cloudy
MINUTES						**TOTAL LITERS**			
19.0	0.00	0.36%	0.00%	0.70	0.00%		**7.22**		









Remarks: (well condition, maintenance, etc…)

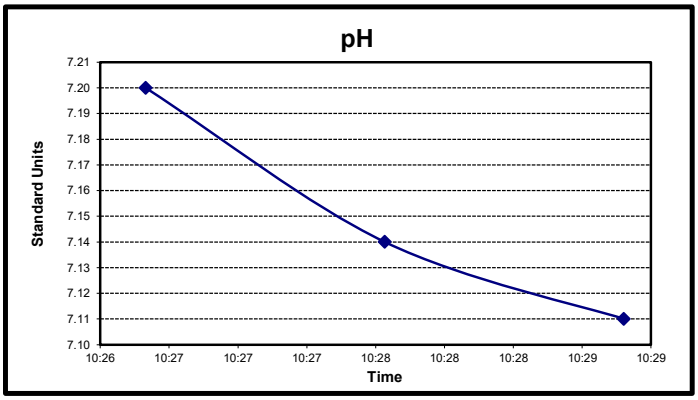
Nationwide Environmental Services, Inc.

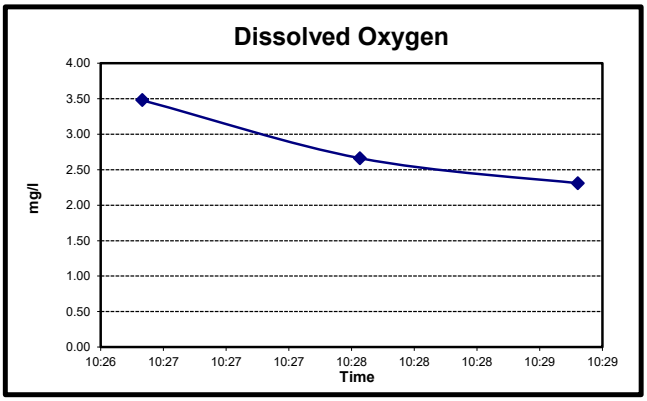
SE Rockford Superfund Site Ground Water Sampling - Field Report

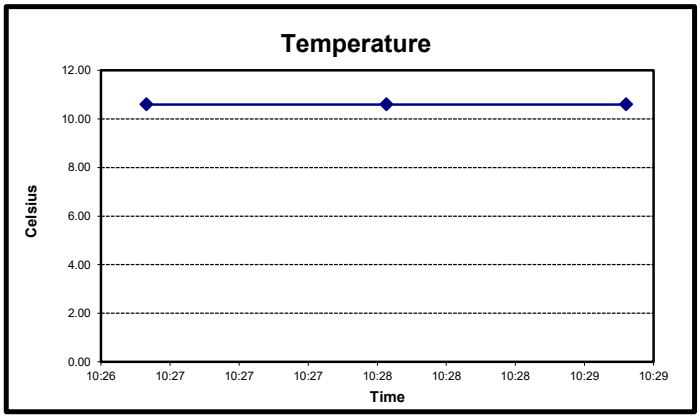
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-133A**
Casing Stickup (Ft.)	2.3	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	17-Jun-21
Total Well Depth (Ft.) TOC	37.85	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	28	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	7.55	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

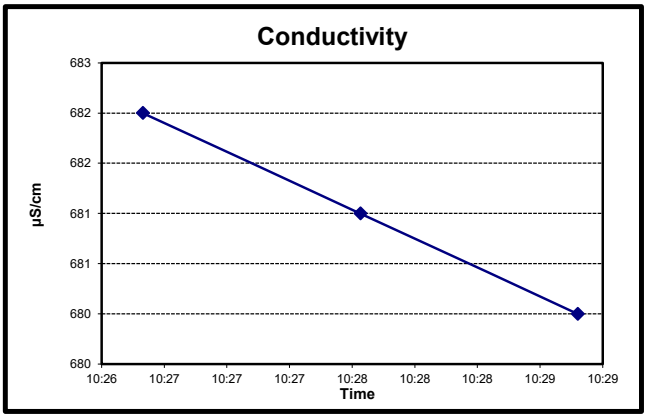
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
10:26									LVL at top of pump
10:27	7.20	3.48	10.60	-147.7	682.00	35	320		clear
10:28	7.14	2.66	10.60	-147.6	681.00		320		
10:29	7.11	2.31	10.60	-147.6	680.00		320		a faliure - pump ran for 40
									memory storage full
MINUTES						**TOTAL LITERS**			
3.0	-0.09	-50.65%	0.00%	0.10	-0.29%		**0.97**		









Remarks: (well condition, maintenance, etc…)

Data faliure - pump ran for 40 min; memory storage full.

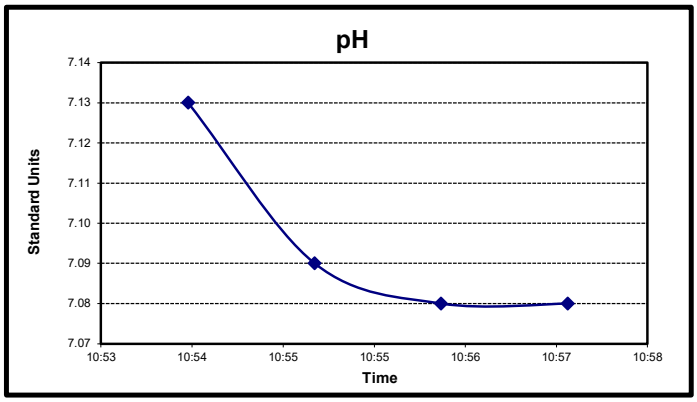
Nationwide Environmental Services, Inc.

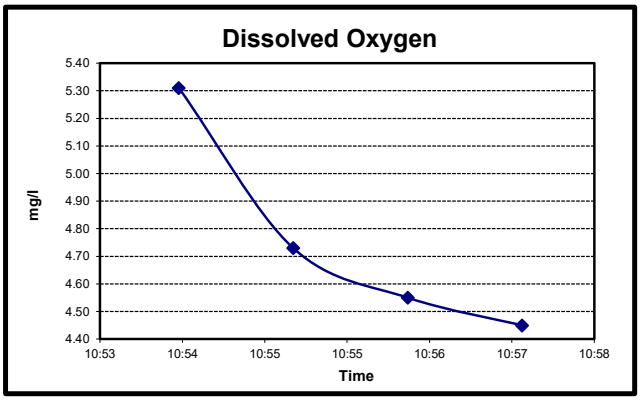
SE Rockford Superfund Site Ground Water Sampling - Field Report

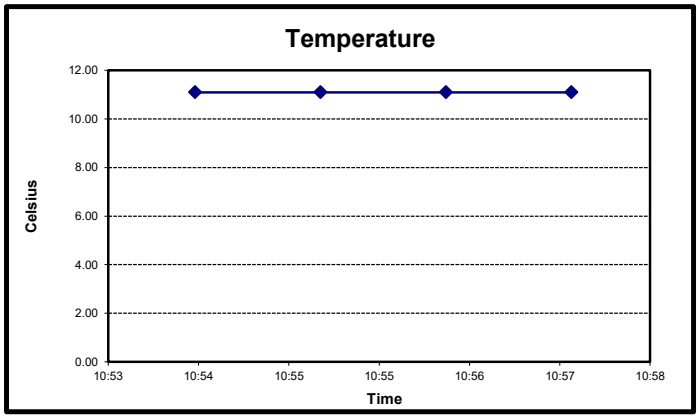
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-133B**
Casing Stickup (Ft.)	2.51	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	17-Jun-21
Total Well Depth (Ft.) TOC	61.49	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	27.62	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	31.36	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

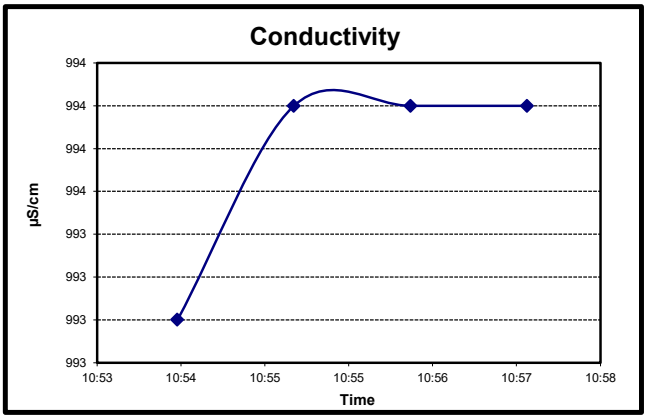
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
10:53									
10:54	7.13	5.31	11.10	-114.1	993.00	58	400		slightly cloudy
10:55	7.09	4.73	11.10	-114.8	994.00		400		
10:56	7.08	4.55	11.10	-114.9	994.00		400		
10:57	7.08	4.45	11.10	-114.6	994.00		400		a faliure - pump ran for 36
									memory storage full
MINUTES						**TOTAL LITERS**			
4.0	-0.01	-6.29%	0.00%	0.20	0.00%		**1.61**		









Remarks: (well condition, maintenance, etc…)

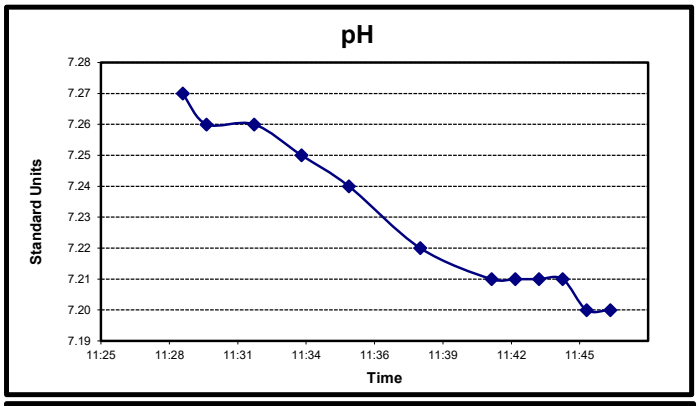
Data faliure - pump ran for 36 min; memory storage full.

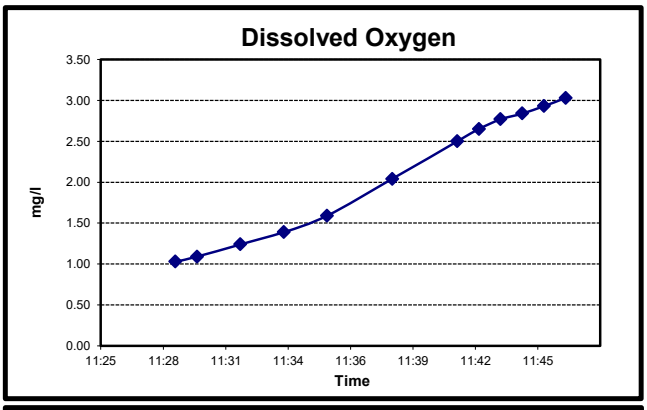
SE Rockford Superfund Site Ground Water Sampling - Field Report

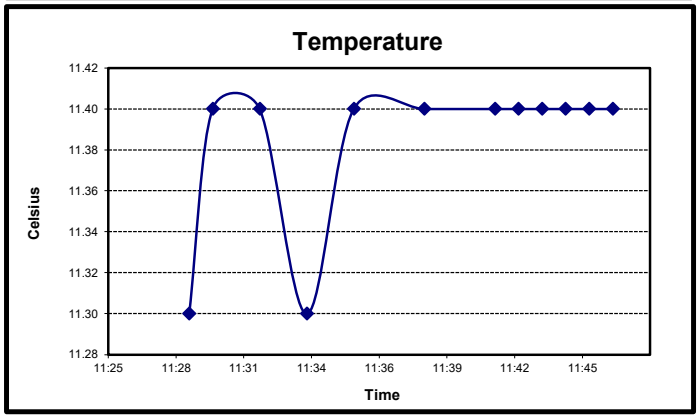
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-133C**
Casing Stickup (Ft.)	2.37	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	17-Jun-21
Total Well Depth (Ft.) TOC	98.49	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	23.42	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	72.70	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

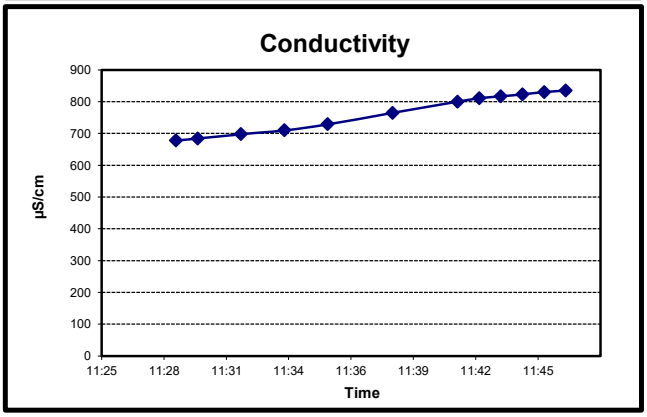
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
11:27									
11:28	7.27	1.03	11.30	-124.6	678.00	39	420		
11:29	7.26	1.09	11.40	-125.4	684.00		420	23.49	clear
11:31	7.26	1.24	11.40	-125.6	698.00		420		
11:33	7.25	1.39	11.30	-125.3	710.00		420		
11:35	7.24	1.59	11.40	-123.9	729.00		420		
11:38	7.22	2.04	11.40	-120.1	765.00		420	23.56	clear
11:41	7.21	2.50	11.40	-115.3	800.00		420		
11:42	7.21	2.65	11.40	-113.8	811.00		420		
11:43	7.21	2.77	11.40	-112.5	817.00		420		
11:44	7.21	2.84	11.40	-111.3	823.00		420		
11:45	7.20	2.93	11.40	-110.2	830.00		420		
11:46	7.20	3.03	11.40	-109.0	835.00		420	23.64	clear
MINUTES						**TOTAL LITERS**			
19.0	-0.01	6.27%	0.00%	2.30	1.44%		**7.98**		









Remarks: (well condition, maintenance, etc…)

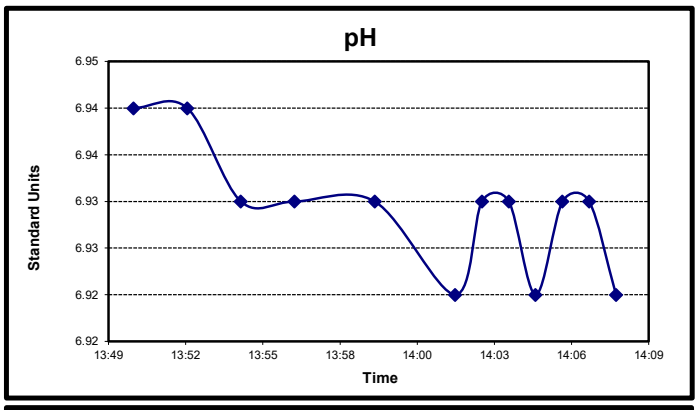
Nationwide Environmental Services, Inc.

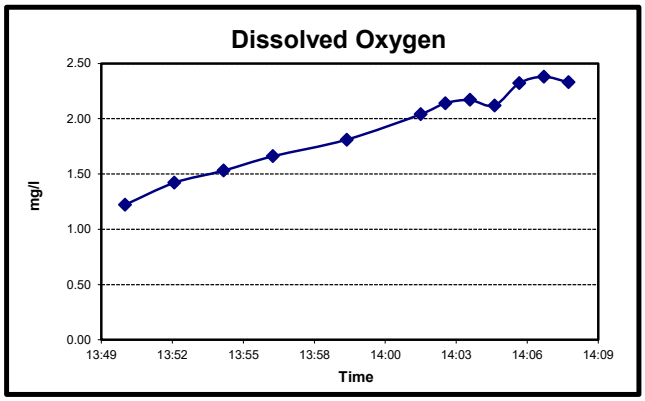
SE Rockford Superfund Site Ground Water Sampling - Field Report

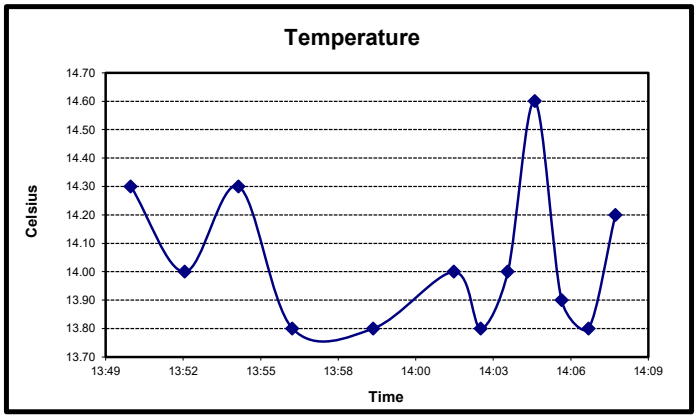
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-136**
Casing Stickup (Ft.)	-0.42	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	15-Jun-21
Total Well Depth (Ft.) TOC	44.33	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	36.57	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	8.18	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

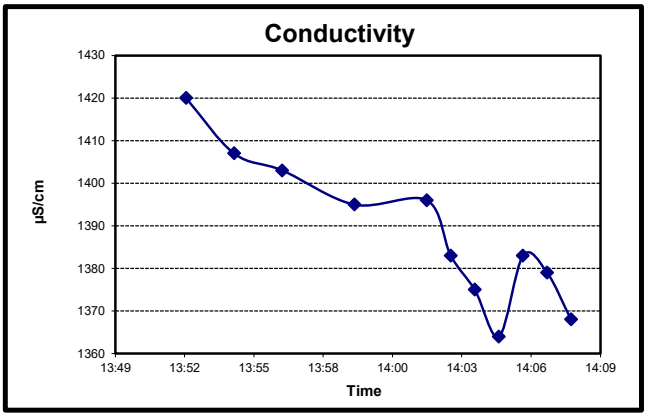
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
13:49									
13:50	6.94	1.22	14.30	-121.4	1417.00	59	350	36.61	slightly cloudy
13:52	6.94	1.42	14.00	-122.5	1420.00		350		
13:54	6.93	1.53	14.30	-122.9	1407.00		350		
13:56	6.93	1.66	13.80	-121.7	1403.00		350		
13:59	6.93	1.81	13.80	-118.5	1395.00		350	36.73	clear
14:02	6.92	2.04	14.00	-113.1	1396.00		350		
14:03	6.93	2.14	13.80	-112.5	1383.00		350		
14:04	6.93	2.17	14.00	-111.3	1375.00		350		
14:05	6.92	2.12	14.60	-108.9	1364.00		350		
14:06	6.93	2.32	13.90	-108.2	1383.00		350	36.82	clear
14:07	6.93	2.38	13.80	-107.1	1379.00		350		
14:08	6.92	2.33	14.20	-106.0	1368.00		350		
MINUTES						**TOTAL LITERS**			
19.0	-0.01	0.43%	2.11%	2.20	-1.10%		**6.65**		









Remarks: (well condition, maintenance, etc…)

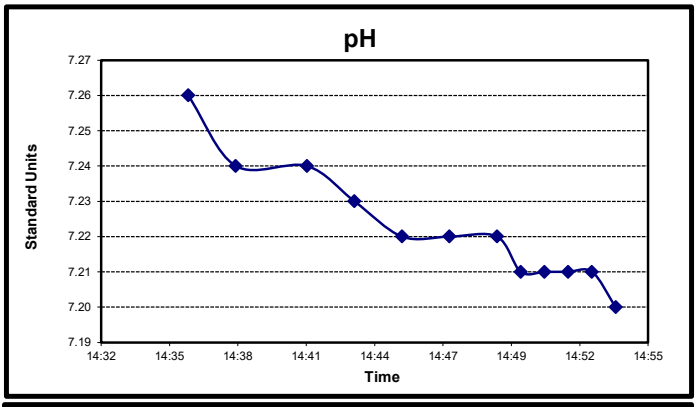
Nationwide Environmental Services, Inc.

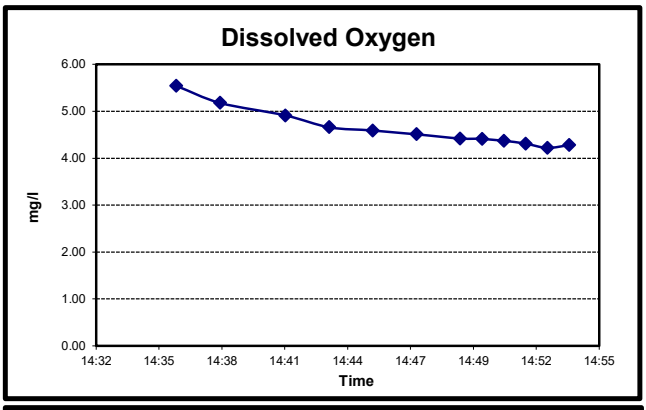
SE Rockford Superfund Site Ground Water Sampling - Field Report

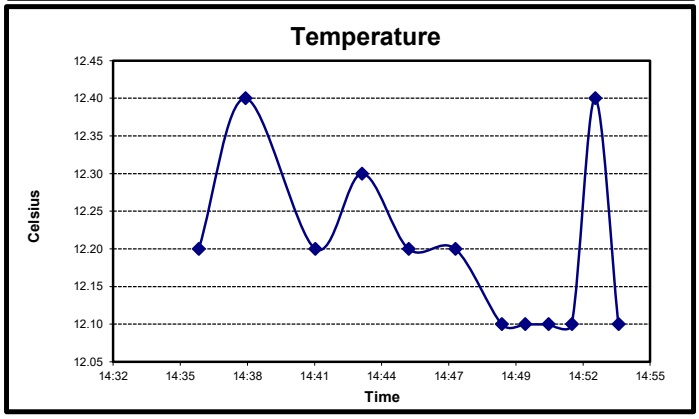
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-200**
Casing Stickup (Ft.)	1.15	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	15-Jun-21
Total Well Depth (Ft.) TOC	89.93	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	48.55	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	40.23	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

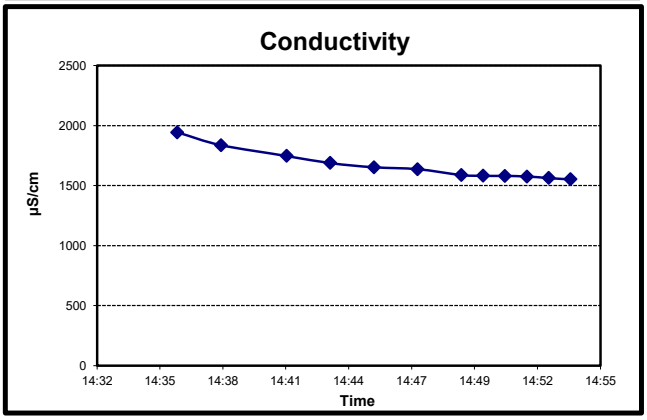
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
14:35									
14:36	7.26	5.54	12.20	-81.6	1943.00	74	400	48.58	slightly cloudy
14:38	7.24	5.18	12.40	-81.2	1837.00		400		
14:41	7.24	4.91	12.20	-82.1	1747.00		400		
14:43	7.23	4.66	12.30	-82.1	1688.00		400		
14:45	7.22	4.59	12.20	-82.4	1653.00		400	48.63	slightly cloudy
14:47	7.22	4.51	12.20	-82.3	1637.00		400		
14:49	7.22	4.42	12.10	-82.4	1588.00		400		
14:50	7.21	4.41	12.10	-82.6	1582.00		400		
14:51	7.21	4.37	12.10	-82.6	1581.00		400		
14:52	7.21	4.31	12.10	-82.3	1575.00		400		
14:53	7.21	4.22	12.40	-82.1	1563.00		400		
14:54	7.20	4.28	12.10	-82.1	1552.00		400	48.74	slightly cloudy
MINUTES						**TOTAL LITERS**			
19.0	-0.01	-0.70%	0.00%	0.20	-1.48%		**7.60**		









Remarks: (well condition, maintenance, etc…)

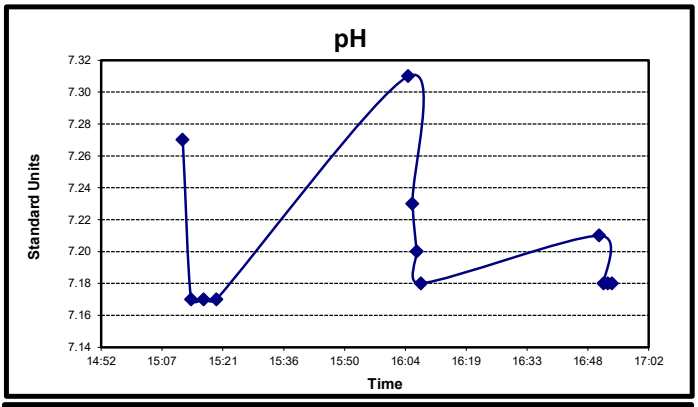
Nationwide Environmental Services, Inc.

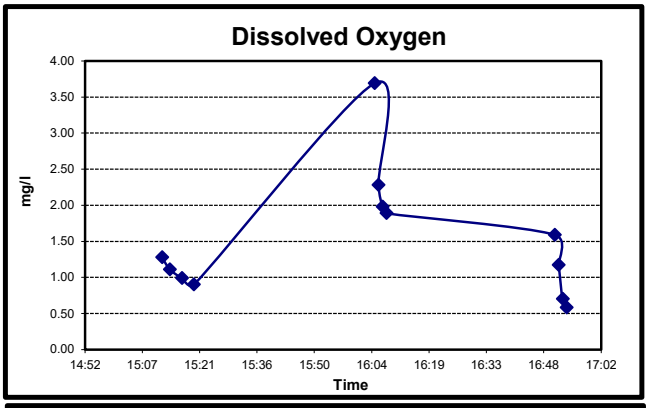
SE Rockford Superfund Site Ground Water Sampling - Field Report

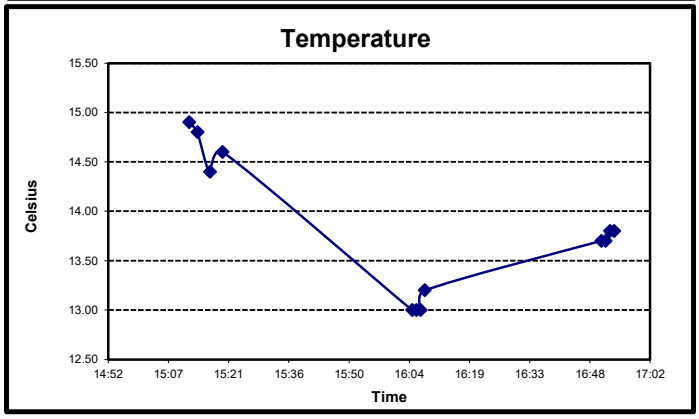
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-201**
Casing Stickup (Ft.)	-0.32	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	13-Jun-21
Total Well Depth (Ft.) TOC	50.15	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	28.62	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	21.85	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

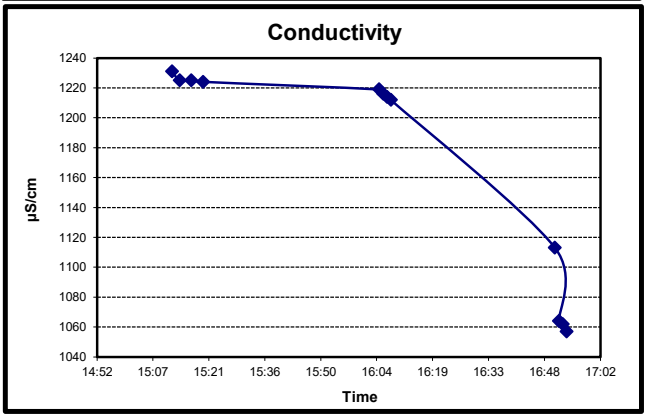
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
15:11									
15:12	7.27	1.28	14.90	-150.5	1231.00	24	420	28.64	clear
15:14	7.17	1.11	14.80	-160.8	1225.00		420		
15:17	7.17	0.99	14.40	-166.3	1225.00		420		
15:20	7.17	0.90	14.60	-167.3	1224.00		420		
16:05	7.31	3.69	13.00	-119.5	1219.00		420	28.72	clear
16:06	7.23	2.28	13.00	-122.6	1216.00		420		
16:07	7.20	1.98	13.00	-123.6	1214.00		420		
16:08	7.18	1.89	13.20	-123.5	1212.00		420		
16:50	7.21	1.59	13.70	-140.4	1113.00		420	28.81	clear
16:51	7.18	1.17	13.70	-140.7	1064.00		420		
16:52	7.18	0.70	13.80	-143.6	1062.00		420		
16:53	7.18	0.58	13.80	-145.9	1057.00		420		
MINUTES							**TOTAL LITERS**		
101.6	0.00	-101.72%	0.72%	-5.20	-0.66%		**42.68**		









Remarks: (well condition, maintenance, etc…)

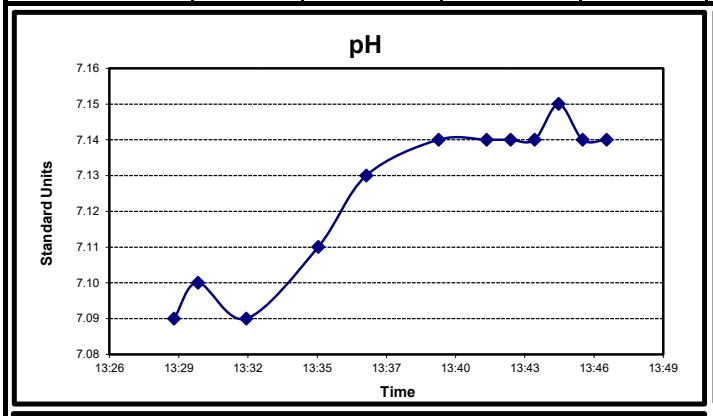
FD-1 = field duplicate for MW-201 collected

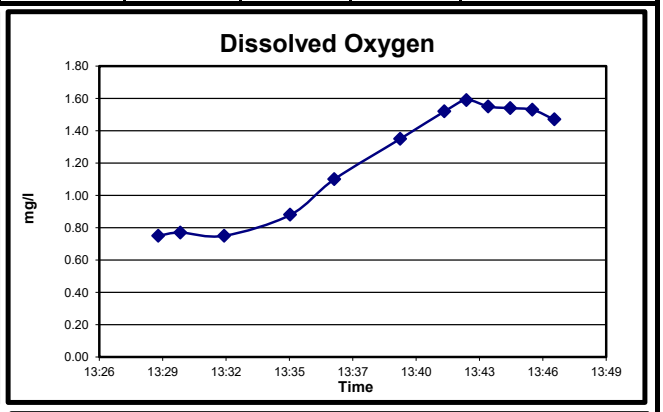
SE Rockford Superfund Site Ground Water Sampling - Field Report

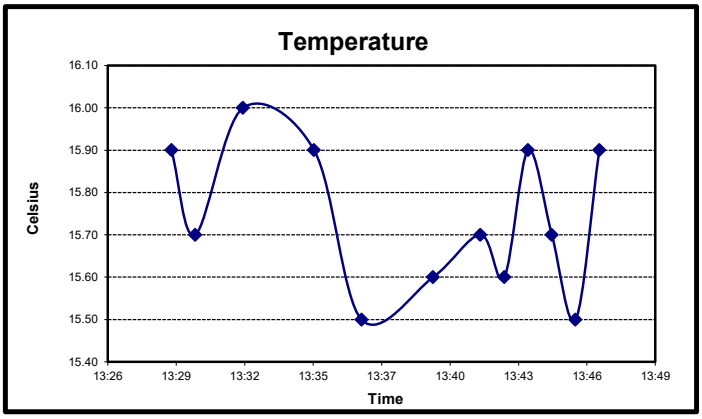
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-202**
Casing Stickup (Ft.)	-0.32	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	13-Jun-21
Total Well Depth (Ft.) TOC	50.01	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	27.86	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	22.47	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

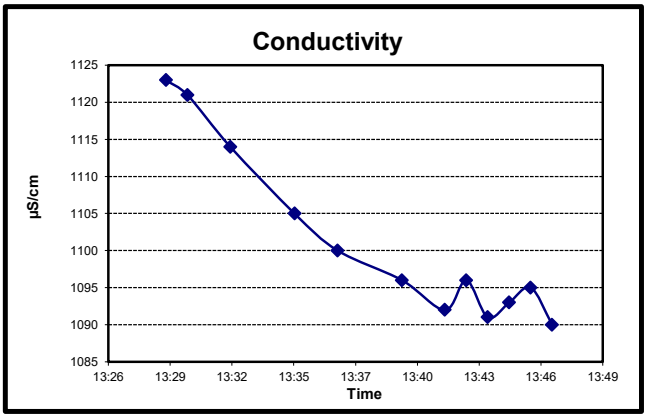
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
13:28									
13:29	7.09	0.75	15.90	-143.8	1123.00	33	390		
13:30	7.10	0.77	15.70	-145.5	1121.00		390	27.89	slightly cloudy
13:32	7.09	0.75	16.00	-146.5	1114.00		390		
13:35	7.11	0.88	15.90	-144.0	1105.00		390		
13:37	7.13	1.10	15.50	-139.8	1100.00		390		
13:40	7.14	1.35	15.60	-136.5	1096.00		390	27.97	clear
13:42	7.14	1.52	15.70	-135.6	1092.00		390		
13:43	7.14	1.59	15.60	-135.0	1096.00		390		
13:44	7.14	1.55	15.90	-134.5	1091.00		390		
13:45	7.15	1.54	15.70	-134.4	1093.00		390	28.03	clear
13:46	7.14	1.53	15.50	-134.0	1095.00		390		
13:47	7.14	1.47	15.90	-133.6	1090.00		390		
MINUTES						**TOTAL LITERS**			
19.0	-0.01	-4.76%	1.26%	0.80	-0.28%		**7.41**		









Remarks: (well condition, maintenance, etc…)

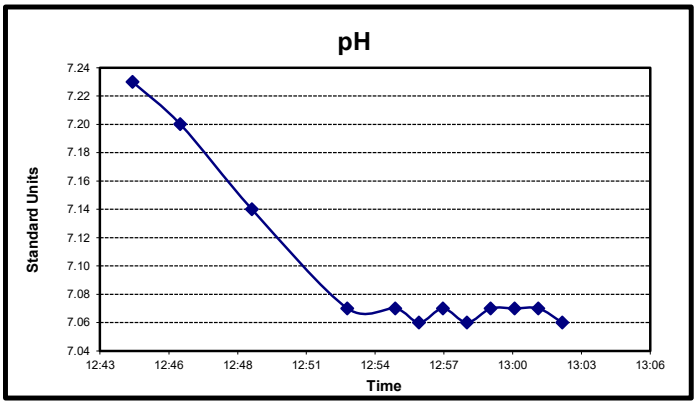
Nationwide Environmental Services, Inc.

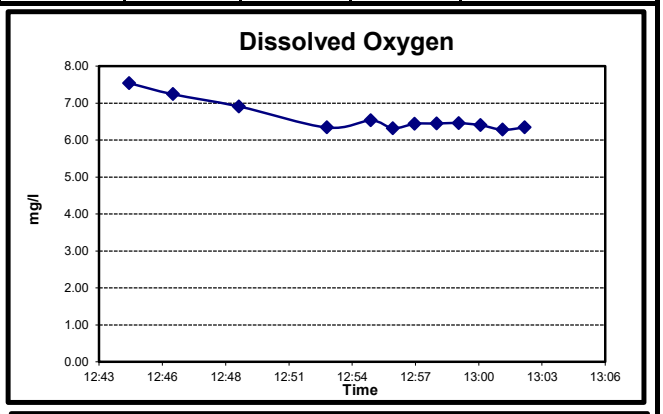
SE Rockford Superfund Site Ground Water Sampling - Field Report

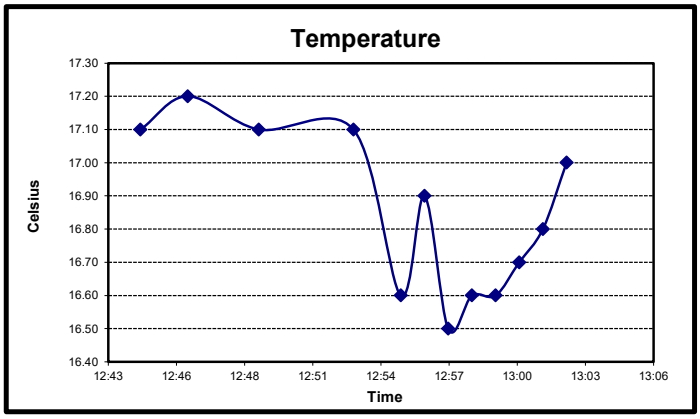
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-203**
Casing Stickup (Ft.)	-0.58	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	13-Jun-21
Total Well Depth (Ft.) TOC	49.35	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	27.42	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	22.51	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

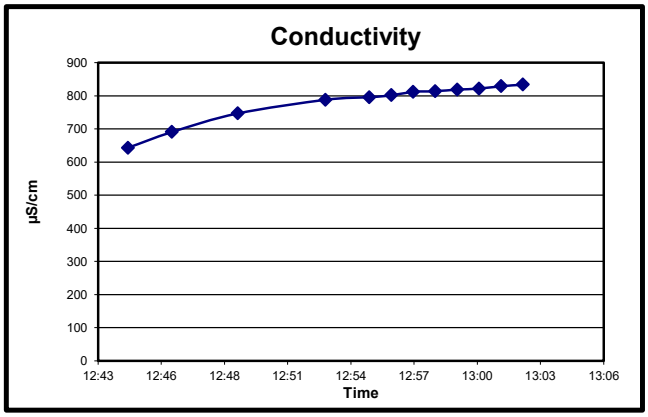
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
12:43									
12:44	7.23	7.54	17.10	-102.2	643.00	39	300	27.46	slightly cloudy
12:46	7.20	7.24	17.20	-97.3	691.00		300		
12:49	7.14	6.91	17.10	-92.2	747.00		300		
12:53	7.07	6.34	17.10	-89.3	788.00		300	27.51	clear
12:55	7.07	6.53	16.60	-87.6	796.00		300		
12:56	7.06	6.32	16.90	-86.9	802.00		300		
12:57	7.07	6.44	16.50	-86.6	812.00		300		
12:58	7.06	6.45	16.60	-85.5	814.00		300		
12:59	7.07	6.46	16.60	-84.4	819.00		300		
13:00	7.07	6.40	16.70	-84.3	822.00		300		
13:01	7.07	6.28	16.80	-84.0	829.00		300	27.6	clear
13:02	7.06	6.34	17.00	-82.7	834.00		300		
MINUTES						**TOTAL LITERS**			
19.0	-0.01	-0.95%	1.76%	1.60	1.44%		**5.70**		









Remarks: (well condition, maintenance, etc…)

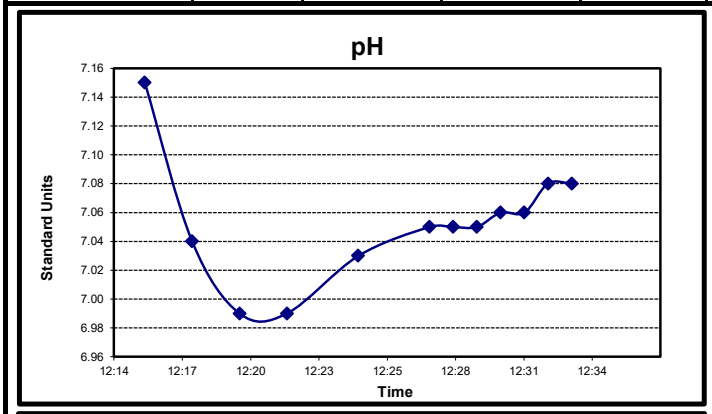
Nationwide Environmental Services, Inc.

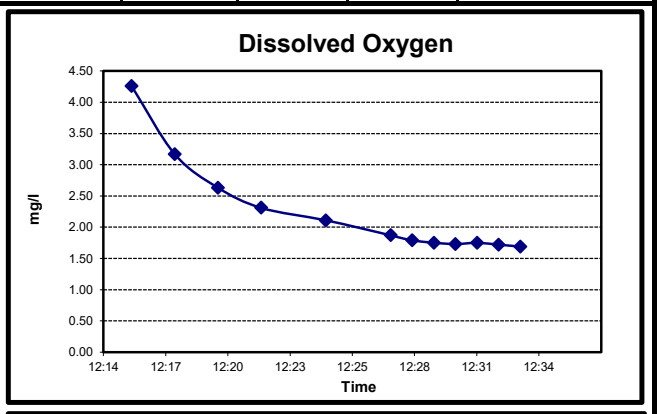
SE Rockford Superfund Site Ground Water Sampling - Field Report

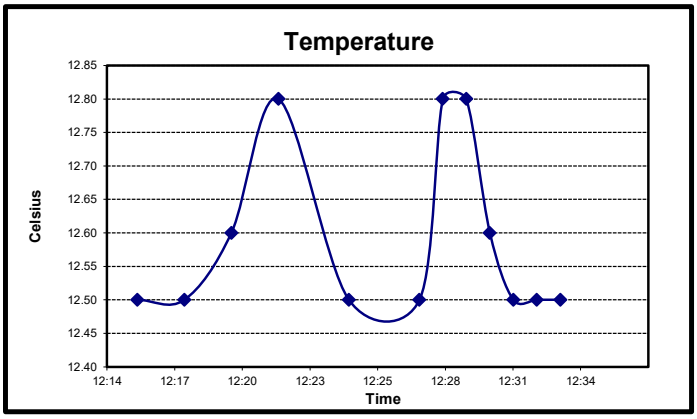
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-204**
Casing Stickup (Ft.)	-0.39	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	14-Jun-21
Total Well Depth (Ft.) TOC	88.96	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	27.73	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	61.62	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

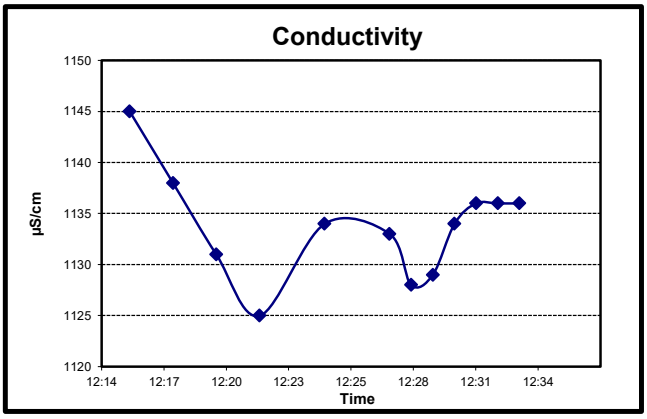
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
12:14									
12:15	7.15	4.26	12.50	-166.5	1145.00	69	400	27.75	slightly cloudy
12:17	7.04	3.17	12.50	-172.6	1138.00		400		
12:19	6.99	2.63	12.60	-176.8	1131.00		400		
12:21	6.99	2.31	12.80	-179.8	1125.00		400		
12:24	7.03	2.11	12.50	-184.2	1134.00		400	27.8	slightly cloudy
12:27	7.05	1.87	12.50	-186.7	1133.00		400		
12:28	7.05	1.79	12.80	-187.1	1128.00		400		
12:29	7.05	1.75	12.80	-187.4	1129.00		400		
12:30	7.06	1.73	12.60	-188.0	1134.00		400		
12:31	7.06	1.75	12.50	-188.8	1136.00		400		
12:32	7.08	1.72	12.50	-189.3	1136.00		400	27.85	clear
12:33	7.08	1.69	12.50	-189.8	1136.00		400		
MINUTES						**TOTAL LITERS**			
19.0	0.02	-3.55%	0.00%	-1.00	0.00%		**7.61**		









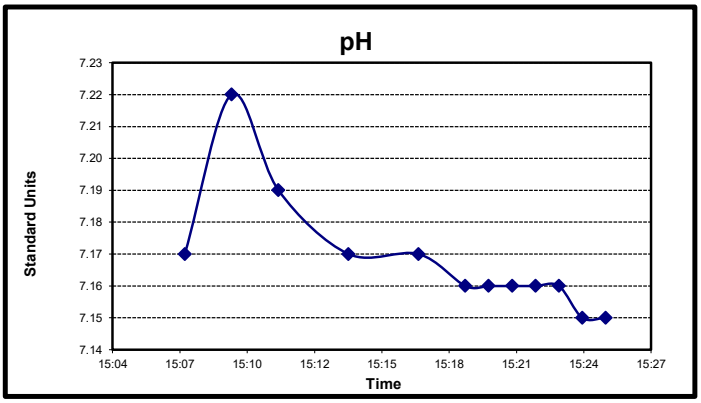
Remarks: (well condition, maintenance, etc…)

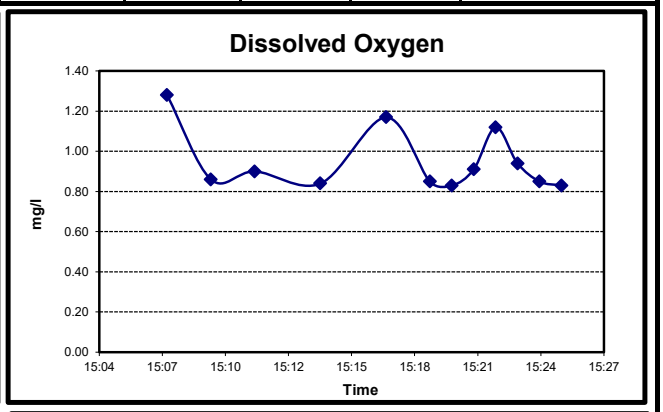
SE Rockford Superfund Site Ground Water Sampling - Field Report

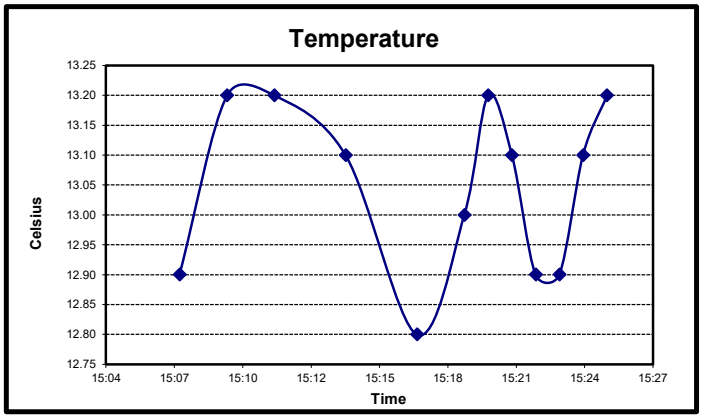
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-205A**
Casing Stickup (Ft.)	3.15	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	14-Jun-21
Total Well Depth (Ft.) TOC	110.27	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	6.55	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	100.57	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

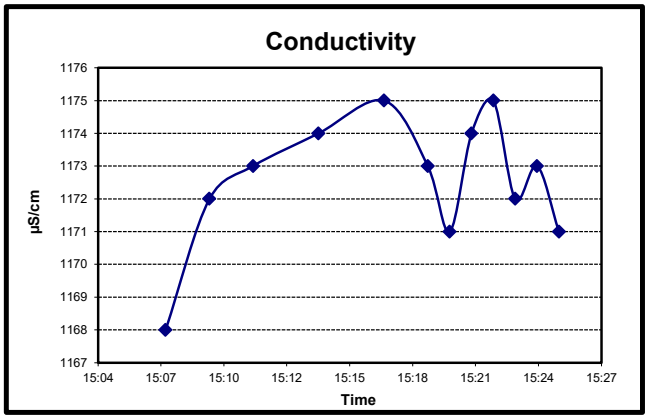
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
15:06									
15:07	7.17	1.28	12.90	-133.5	1168.00	29	500	6.55	clear
15:09	7.22	0.86	13.20	-144.3	1172.00		500		
15:11	7.19	0.90	13.20	-146.2	1173.00		500		
15:14	7.17	0.84	13.10	-153.7	1174.00		500		
15:17	7.17	1.17	12.80	-154.7	1175.00		500	6.57	clear
15:19	7.16	0.85	13.00	-157.3	1173.00		500		
15:20	7.16	0.83	13.20	-156.8	1171.00		500		
15:21	7.16	0.91	13.10	-154.9	1174.00		500		
15:22	7.16	1.12	12.90	-157.3	1175.00		500		
15:23	7.16	0.94	12.90	-159.3	1172.00		500		
15:24	7.15	0.85	13.10	-159.5	1173.00		500	6.57	clear
15:25	7.15	0.83	13.20	-158.7	1171.00		500		
MINUTES						**TOTAL LITERS**			
19.0	-0.01	-13.25%	2.27%	0.60	-0.09%		**9.50**		









Remarks: (well condition, maintenance, etc…)

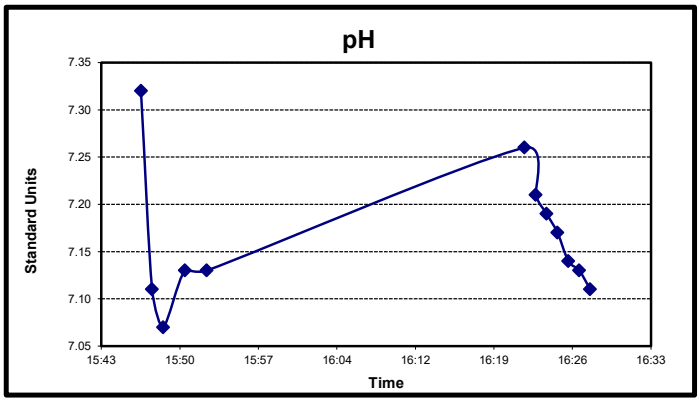
Nationwide Environmental Services, Inc.

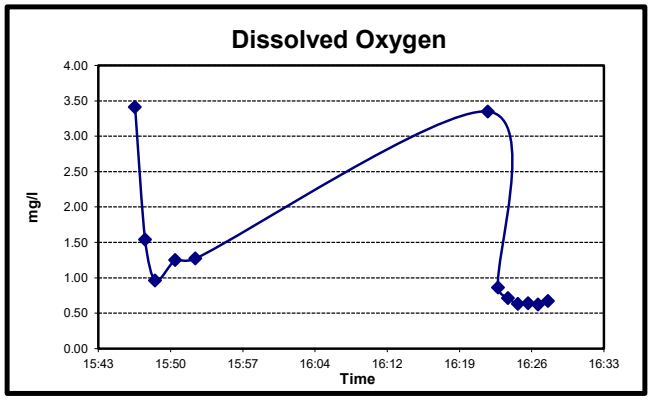
SE Rockford Superfund Site Ground Water Sampling - Field Report

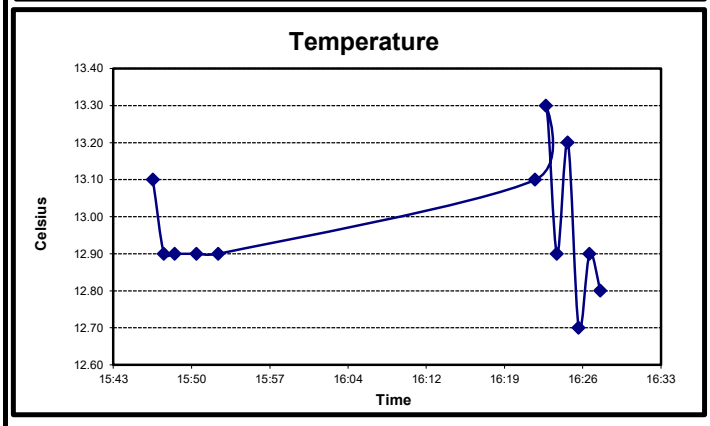
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-205B**
Casing Stickup (Ft.)	3.5	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	14-Jun-21
Total Well Depth (Ft.) TOC	150.05	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	6.61	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	139.94	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

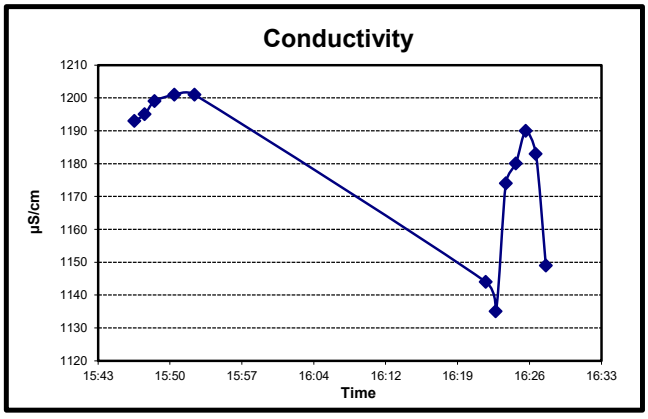
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
15:31									clear
15:46	7.32	3.41	13.10	-113.1	1193.00	29	500	6.61	
15:47	7.11	1.54	12.90	-127.7	1195.00		500		
15:48	7.07	0.96	12.90	-134.1	1199.00		500		
15:50	7.13	1.25	12.90	-135.1	1201.00		500		
15:52	7.13	1.27	12.90	-136.3	1201.00		500		
16:22	7.26	3.35	13.10	-112.8	1144.00		500		
16:23	7.21	0.86	13.30	-128.5	1135.00		500	6.61	
16:24	7.19	0.71	12.90	-136.2	1174.00		500		clear
16:25	7.17	0.63	13.20	-140.9	1180.00		500		
16:26	7.14	0.64	12.70	-145.3	1190.00		500		
16:27	7.13	0.62	12.90	-148.5	1183.00		500		
16:28	7.11	0.67	12.80	-151.2	1149.00		500		
MINUTES						**TOTAL LITERS**			
56.6	-0.03	4.48%	0.78%	-5.90	-3.57%		**28.31**		









Remarks: (well condition, maintenance, etc…)

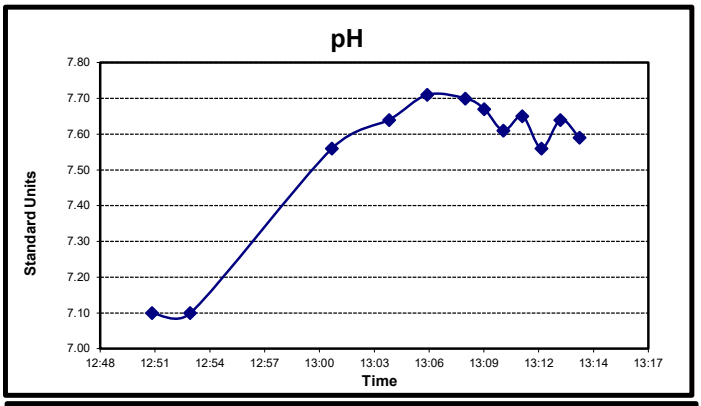
Nationwide Environmental Services, Inc.

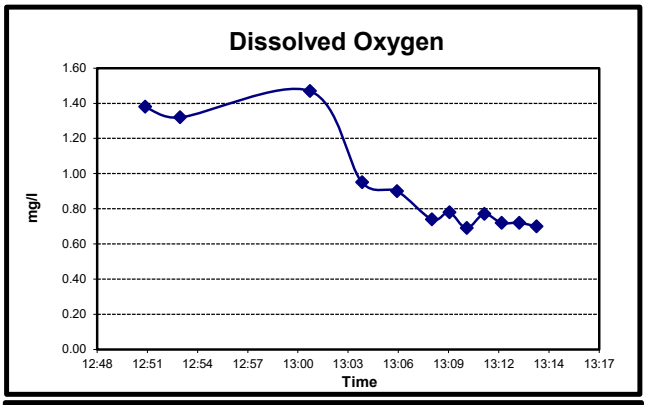
SE Rockford Superfund Site Ground Water Sampling - Field Report

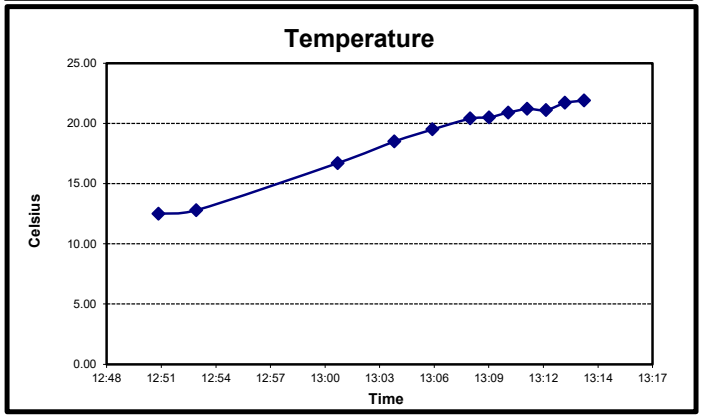
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-206A**
Casing Stickup (Ft.)	3.61	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	14-Jun-21
Total Well Depth (Ft.) TOC	90.24	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	9.68	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	76.95	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

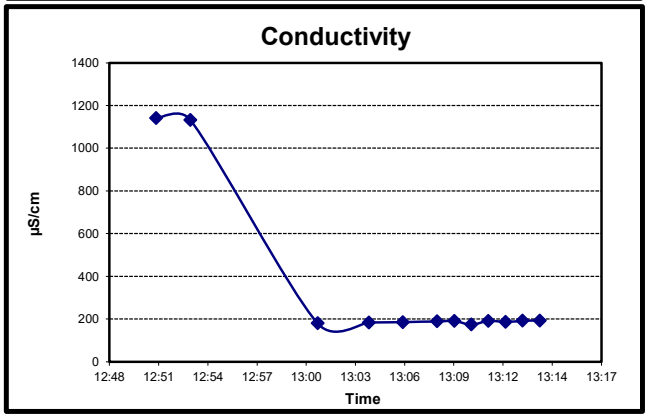
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
12:50									cloudy
12:51	7.10	1.38	12.50	-187.6	1141.00	71	500	9.7	
12:53	7.10	1.32	12.80	-188.1	1133.00		500		
13:01	7.56	1.47	16.70	-136.8	180.00		500		
13:04	7.64	0.95	18.50	-137.9	184.20		500		
13:06	7.71	0.90	19.50	-130.1	185.70		500	9.73	clear
13:08	7.70	0.74	20.40	-116.2	189.40		500		
13:09	7.67	0.78	20.50	-132.4	191.00		500		
13:10	7.61	0.69	20.90	-110.2	173.90		500	9.74	
13:11	7.65	0.77	21.20	-126.5	191.70		500		
13:12	7.56	0.72	21.10	-122.9	187.10		500		
13:13	7.64	0.72	21.70	-114.4	191.80		500		
13:14	7.59	0.70	21.90	-128.3	192.90		500		
MINUTES						**TOTAL LITERS**			
23.5	0.03	-2.86%	3.65%	-5.40	3.01%		**11.73**		









Remarks: (well condition, maintenance, etc…)

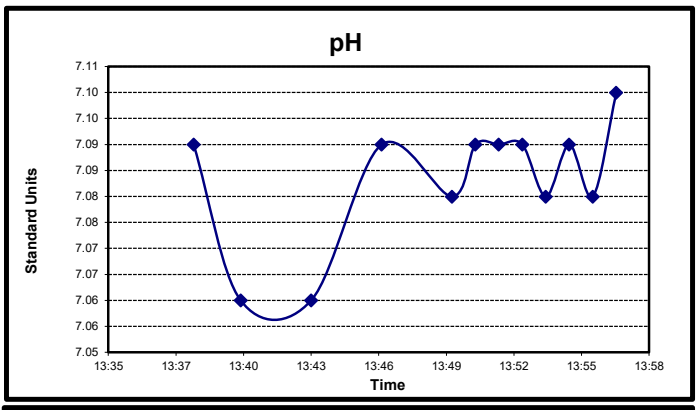
Nationwide Environmental Services, Inc.

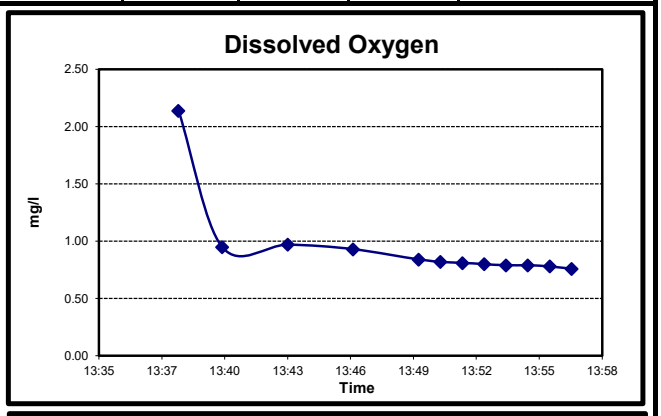
SE Rockford Superfund Site Ground Water Sampling - Field Report

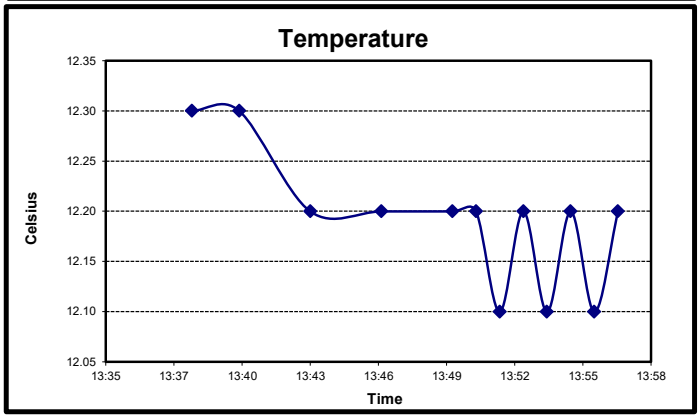
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-206B**
Casing Stickup (Ft.)	3.71	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	14-Jun-21
Total Well Depth (Ft.) TOC	129.94	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	6.86	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	119.37	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

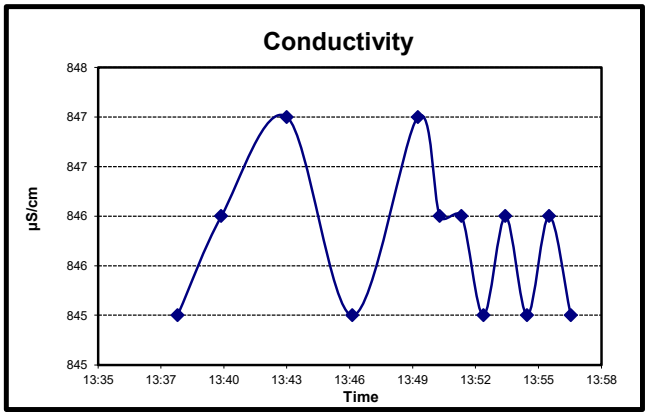
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
13:37									
13:38	7.09	2.14	12.30	-123.1	845.00	42	500	6.86	clear
13:40	7.06	0.95	12.30	-140.3	846.00		500		
13:43	7.06	0.97	12.20	-148.9	847.00		500		
13:46	7.09	0.93	12.20	-155.8	845.00		500	6.86	clear
13:49	7.08	0.84	12.20	-159.3	847.00		500		
13:50	7.09	0.82	12.20	-161.1	846.00		500		
13:51	7.09	0.81	12.10	-161.2	846.00		500		
13:52	7.09	0.80	12.20	-162.5	845.00		500		
13:53	7.08	0.79	12.10	-163.1	846.00		500	6.88	clear
13:54	7.09	0.79	12.20	-164.3	845.00		500		
13:55	7.08	0.78	12.10	-164.5	846.00		500		
13:56	7.10	0.76	12.20	-165.0	845.00		500		
MINUTES							**TOTAL LITERS**		
19.0	0.01	-3.95%	0.00%	-0.70	0.00%		**9.50**		









Remarks: (well condition, maintenance, etc…)

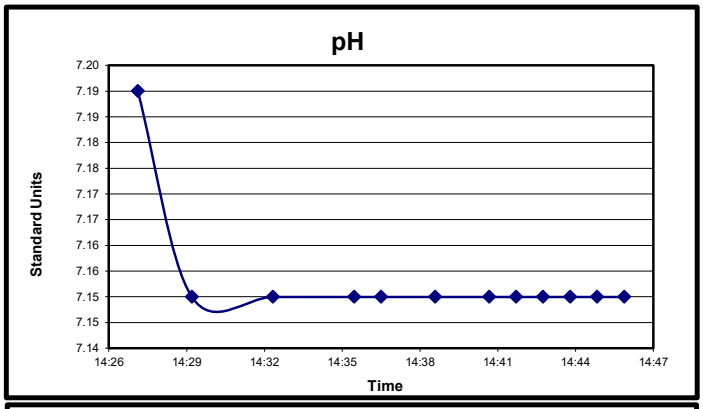
Nationwide Environmental Services, Inc.

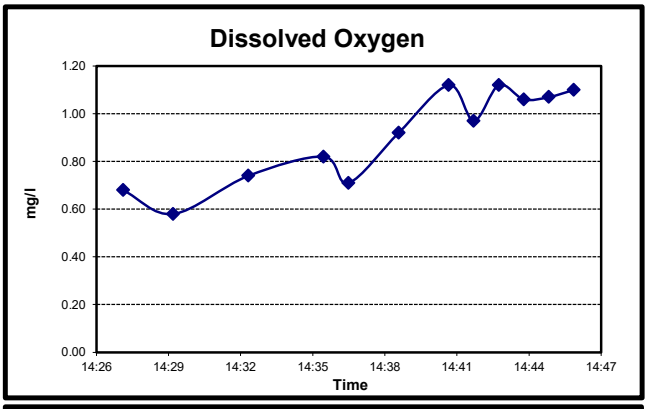
SE Rockford Superfund Site Ground Water Sampling - Field Report

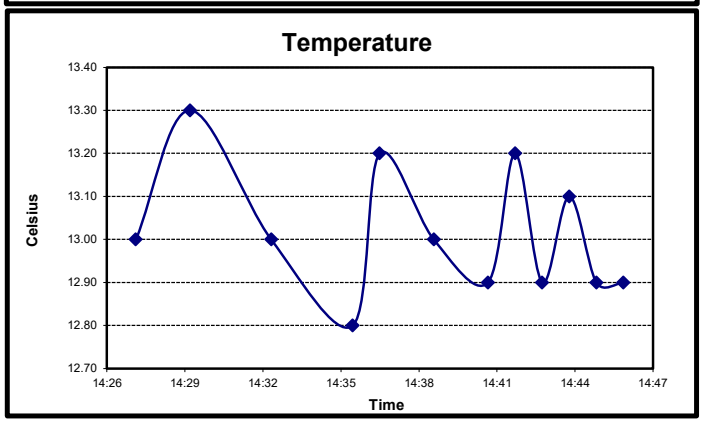
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-206C**
Casing Stickup (Ft.)	4.16	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	14-Jun-21
Total Well Depth (Ft.) TOC	251.31	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	7.47	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	239.68	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

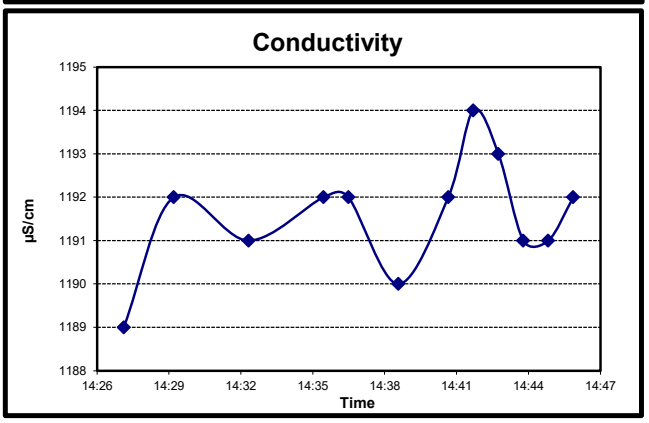
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
14:26									
14:27	7.19	0.68	13.00	-136.2	1189.00	25	500		
14:29	7.15	0.58	13.30	-140.6	1192.00		500		
14:32	7.15	0.74	13.00	-148.1	1191.00		500		
14:35	7.15	0.82	12.80	-150.3	1192.00		500		
14:36	7.15	0.71	13.20	-148.9	1192.00		500	7.47	clear
14:38	7.15	0.92	13.00	-150.7	1190.00		500		
14:40	7.15	1.12	12.90	-153.5	1192.00		500		
14:41	7.15	0.97	13.20	-153.5	1194.00		500		
14:42	7.15	1.12	12.90	-155.3	1193.00		500		
14:43	7.15	1.06	13.10	-152.0	1191.00		500		
14:44	7.15	1.07	12.90	-156.5	1191.00		500	7.47	clear
14:45	7.15	1.10	12.90	-154.4	1192.00		500		
MINUTES						**TOTAL LITERS**			
19.0	0.00	3.64%	-1.55%	-2.40	0.08%		**9.51**		









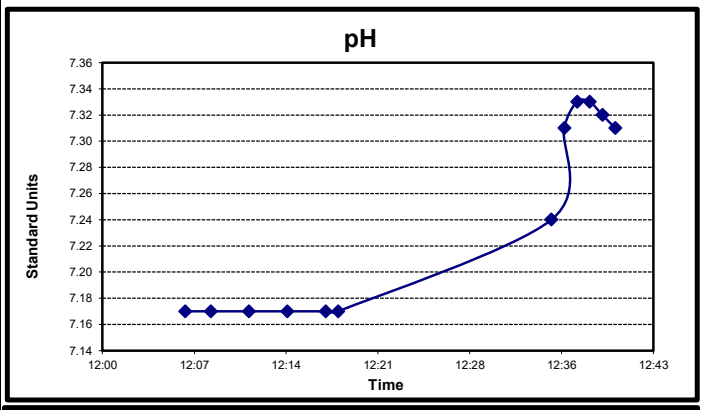
Remarks: (well condition, maintenance, etc…)

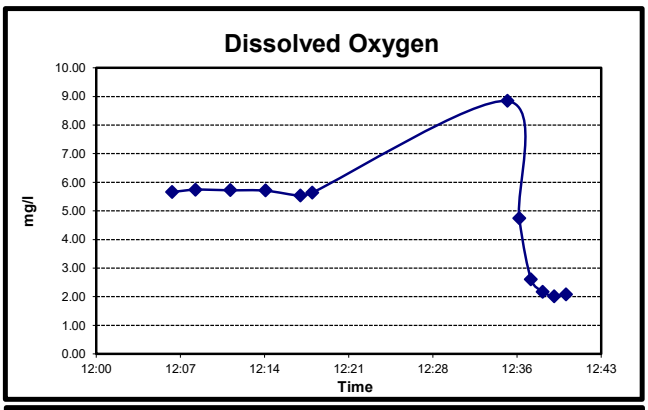
SE Rockford Superfund Site Ground Water Sampling - Field Report

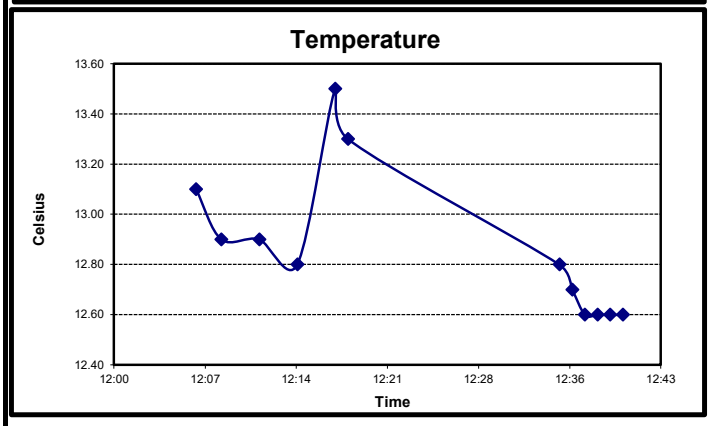
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-207**
Casing Stickup (Ft.)	-0.3	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	15-Jun-21
Total Well Depth (Ft.) TOC	90.81	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	35.44	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	55.67	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

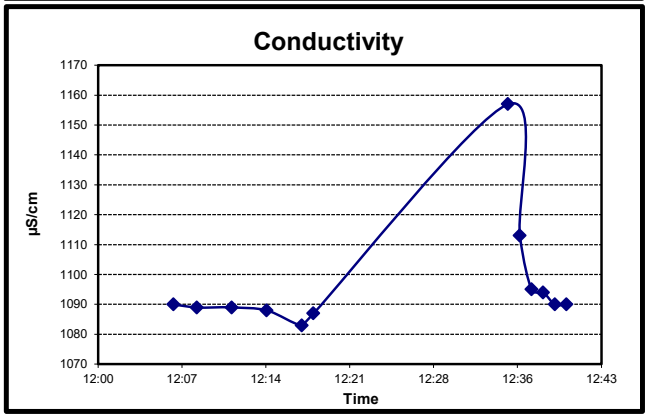
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
12:05									
12:06	7.17	5.66	13.10	-99.3	1090.00	73	380	35.48	Red cloudy
12:08	7.17	5.74	12.90	-99.4	1089.00		380		
12:11	7.17	5.72	12.90	-98.9	1089.00		380		
12:14	7.17	5.71	12.80	-97.6	1088.00		380		
12:17	7.17	5.53	13.50	-95.7	1083.00		380		
12:18	7.17	5.64	13.30	-94.9	1087.00		380		
12:35	7.24	8.84	12.80	-106.1	1157.00		380		
12:36	7.31	4.74	12.70	-111.7	1113.00		380		
12:37	7.33	2.60	12.60	-119.3	1095.00		380		
12:38	7.33	2.17	12.60	-121.8	1094.00		380	35.59	slightly cloudy
12:39	7.32	2.01	12.60	-122.8	1090.00		380		
12:40	7.31	2.08	12.60	-122.6	1090.00		380		
MINUTES						**TOTAL LITERS**			
34.7	-0.02	-4.33%	0.00%	-0.80	-0.37%		**13.19**		









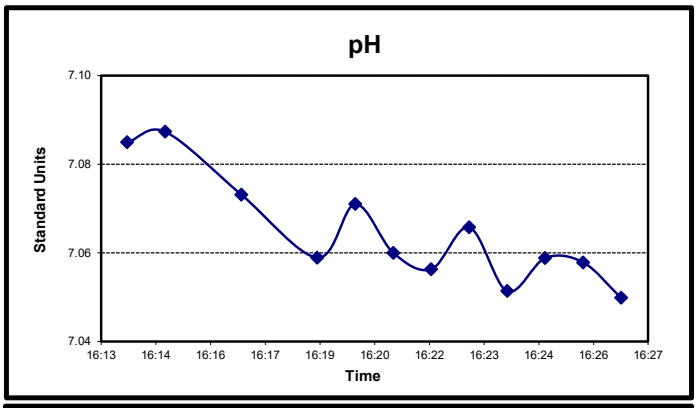
Remarks: (well condition, maintenance, etc…)

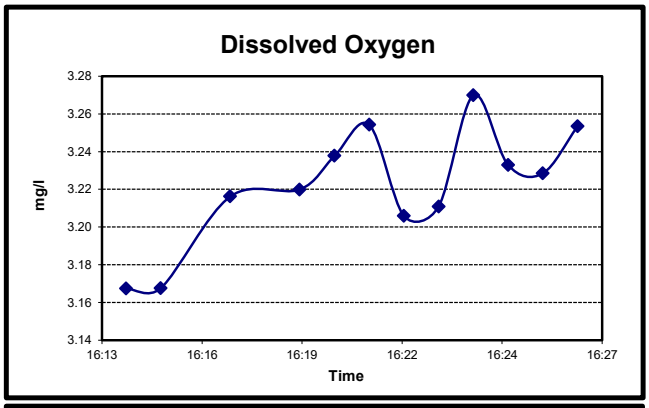
SE Rockford Superfund Site Ground Water Sampling - Field Report

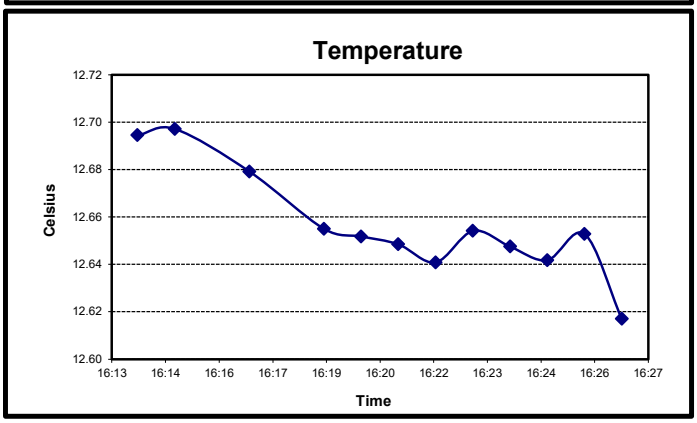
Casing Stickup (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-16**
Casing Stickup (Ft.)	-0.028	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	11-Nov-21
Total Well Depth (Ft.) TOC	62.36	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	23.02	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	39.37	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

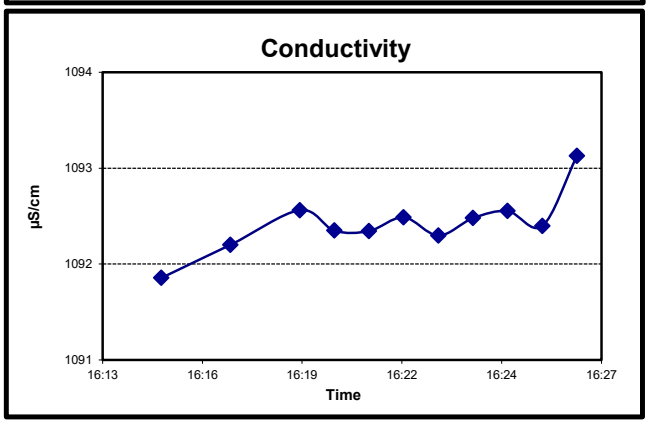
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
16:13									
16:14	7.08	3.17	12.69	222.5	1092.39	73	400		
16:15	7.09	3.17	12.70	226.8	1091.86		400	23.12	cloudy
16:17	7.07	3.22	12.68	235.8	1092.20		400		
16:19	7.06	3.22	12.66	243.7	1092.56		400		
16:20	7.07	3.24	12.65	246.2	1092.35		400		
16:21	7.06	3.25	12.65	249.8	1092.34		400		
16:22	7.06	3.21	12.64	252.8	1092.49		400		
16:23	7.07	3.21	12.65	254.9	1092.30		400	23.23	clear
16:24	7.05	3.27	12.65	258.2	1092.48		400		
16:25	7.06	3.23	12.64	260.1	1092.55		400		
16:26	7.06	3.23	12.65	262.3	1092.40		400		
16:27	7.05	3.25	12.62	264.9	1093.13		400		
MINUTES						**TOTAL LITERS**			
14.0	-0.01	0.63%	-0.20%	4.80	0.05%		**5.60**		









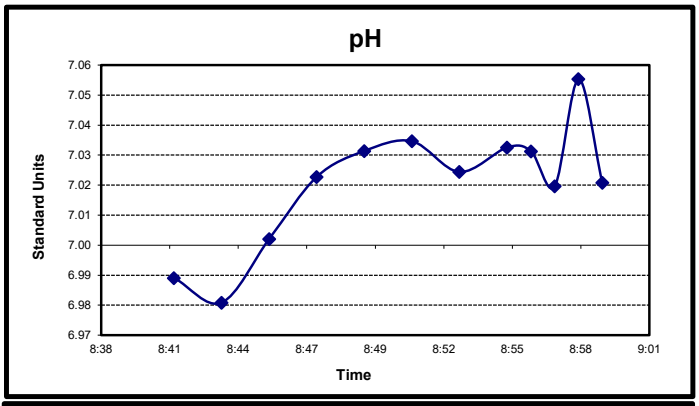
Remarks: (well condition, maintenance, etc…)

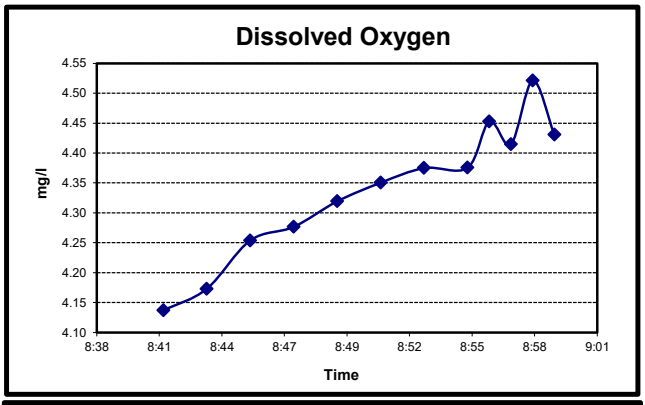
SE Rockford Superfund Site Ground Water Sampling - Field Report

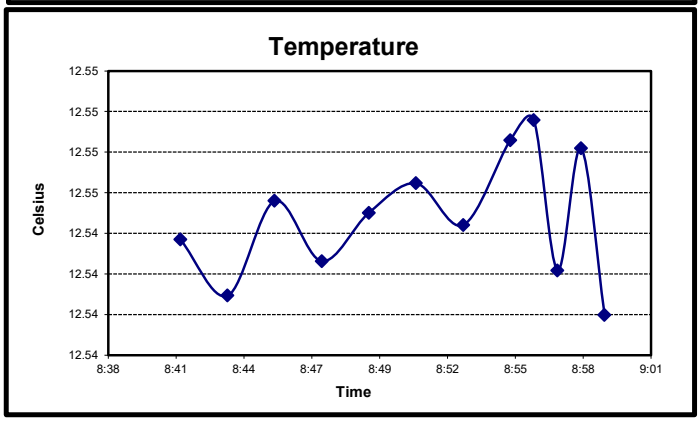
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-47**
Casing Stickup (Ft.)	-0.063	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	10-Nov-21
Total Well Depth (Ft.) TOC	54.49	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	41.98	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	12.57	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

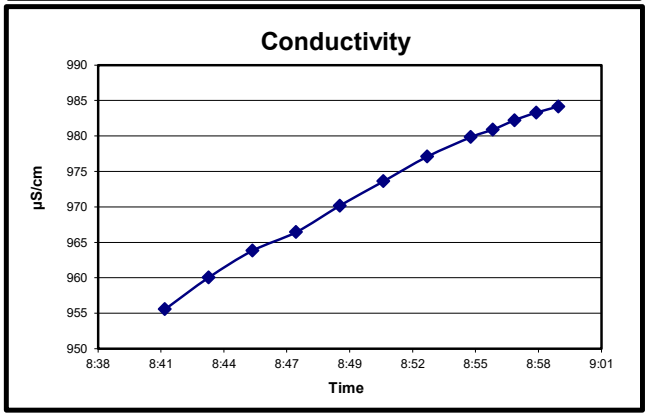
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
8:40									
8:41	6.99	4.14	12.54	283.0	955.56	52	350	42.06	cloudy
8:43	6.98	4.17	12.54	282.3	960.04		350		
8:45	7.00	4.25	12.55	282.2	963.84		350		
8:47	7.02	4.28	12.54	283.5	966.45		350		
8:49	7.03	4.32	12.55	285.9	970.16		350		
8:51	7.03	4.35	12.55	287.6	973.63		350	42.11	slightly cloudy
8:53	7.02	4.37	12.54	289.3	977.11		350		
8:55	7.03	4.38	12.55	290.9	979.85		350		
8:56	7.03	4.45	12.55	290.6	980.90		350		
8:57	7.02	4.41	12.54	292.4	982.22		350	42.13	slightly cloudy
8:58	7.06	4.52	12.55	292.0	983.31		350		
8:59	7.02	4.43	12.54	293.4	984.15		350		
MINUTES						**TOTAL LITERS**			
19.0	0.00	0.36%	-0.02%	1.00	0.20%		**6.65**		









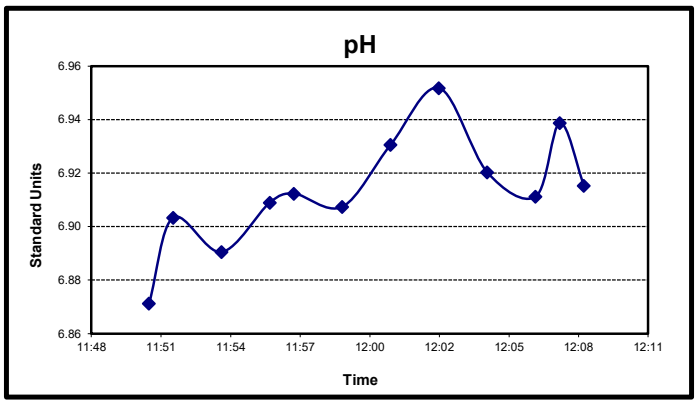
Remarks: (well condition, maintenance, etc…)

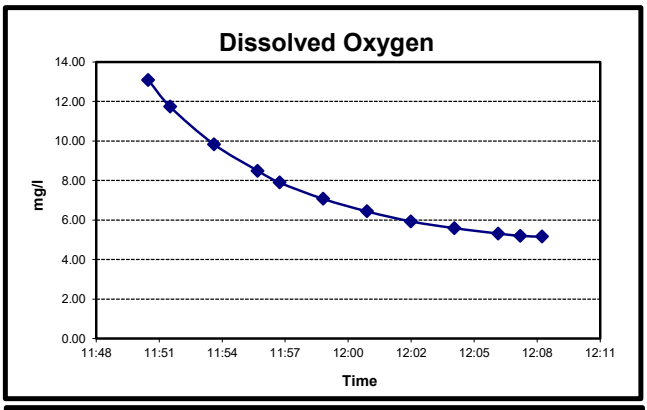
SE Rockford Superfund Site Ground Water Sampling - Field Report

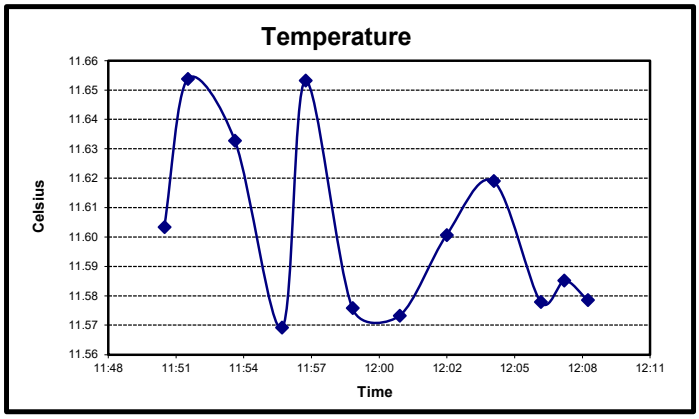
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-101A**
Casing Stickup (Ft.)	1.45	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	08-Nov-21
Total Well Depth (Ft.) TOC	90.34	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	43.93	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	44.96	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

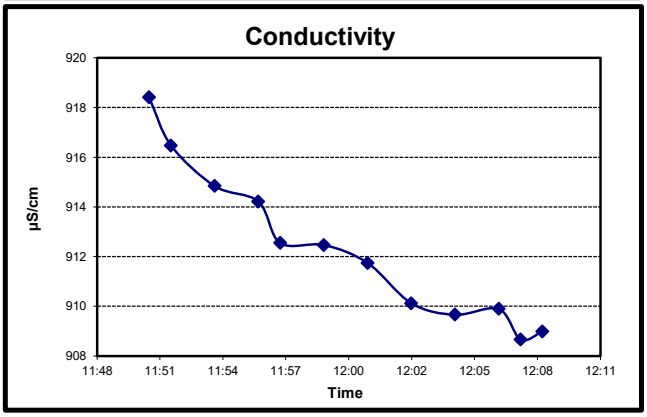
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
11:49									
11:50	6.87	13.08	11.60	175.6	918.42	48	500	43.98	clear
11:51	6.90	11.74	11.65	172.7	916.47		500		
11:53	6.89	9.83	11.63	171.6	914.84		500		
11:55	6.91	8.49	11.57	169.0	914.22		500		
11:56	6.91	7.89	11.65	167.3	912.55		500	44.05	clear
11:58	6.91	7.07	11.58	167.3	912.47		500		
12:00	6.93	6.44	11.57	165.1	911.75		500		
12:02	6.95	5.93	11.60	164.8	910.12		500		
12:04	6.92	5.58	11.62	165.2	909.66		500		
12:06	6.91	5.31	11.58	166.1	909.90		500		
12:07	6.94	5.19	11.59	165.2	908.66		500	44.09	clear
12:08	6.92	5.16	11.58	165.4	908.99		500		
MINUTES						**TOTAL LITERS**			
19.0	0.00	-3.03%	0.01%	-0.66	-0.10%		**9.50**		









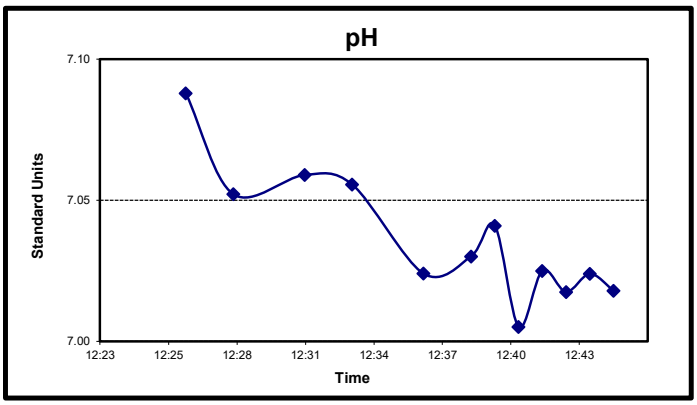
Remarks: (well condition, maintenance, etc…)

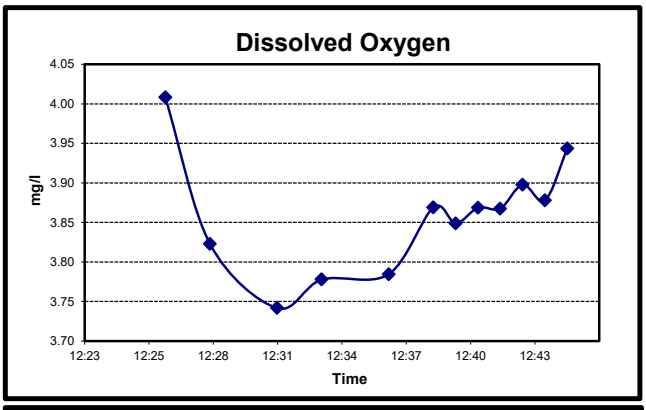
SE Rockford Superfund Site Ground Water Sampling - Field Report

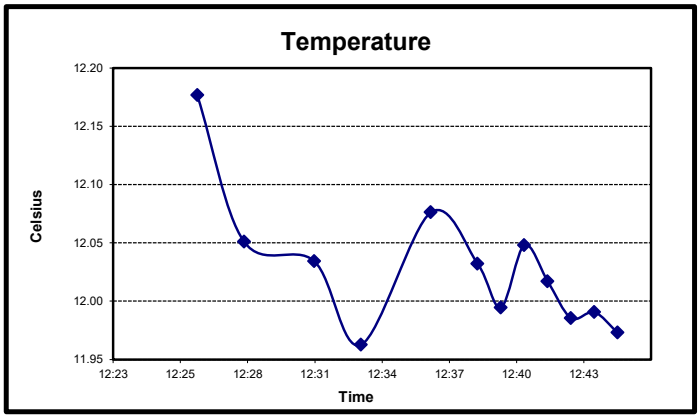
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-101B**
Casing Stickup (Ft.)	2.16	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	08-Nov-21
Total Well Depth (Ft.) TOC	153.74	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	44.77	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	106.81	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

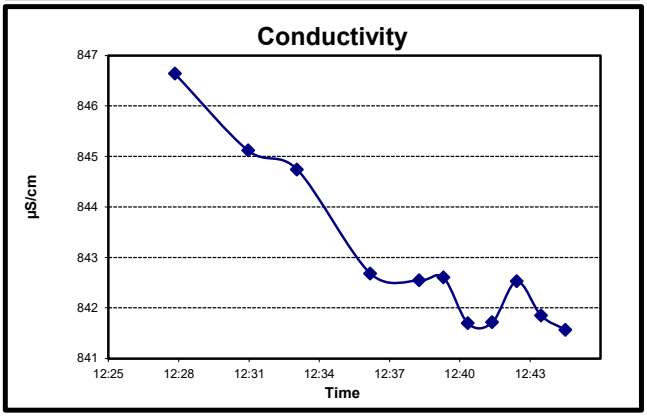
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
12:25									
12:26	7.09	4.01	12.18	234.9	846.94	53	500	44.82	clear
12:28	7.05	3.82	12.05	231.0	846.64		500		
12:31	7.06	3.74	12.03	223.8	845.12		500		
12:33	7.06	3.78	11.96	221.5	844.74		500	44.86	clear
12:36	7.02	3.78	12.08	221.5	842.68		500		
12:38	7.03	3.87	12.03	221.6	842.55		500		
12:39	7.04	3.85	11.99	220.8	842.60		500		
12:40	7.01	3.87	12.05	222.8	841.69		500		
12:41	7.03	3.87	12.02	222.3	841.72		500		
12:42	7.02	3.90	11.99	223.1	842.53		500		
12:43	7.02	3.88	11.99	223.3	841.85		500	44.9	clear
12:44	7.02	3.94	11.97	224.4	841.57		500		
MINUTES						**TOTAL LITERS**			
18.0	0.00	1.15%	-0.10%	1.37	-0.11%		**9.00**		









Remarks: (well condition, maintenance, etc…)

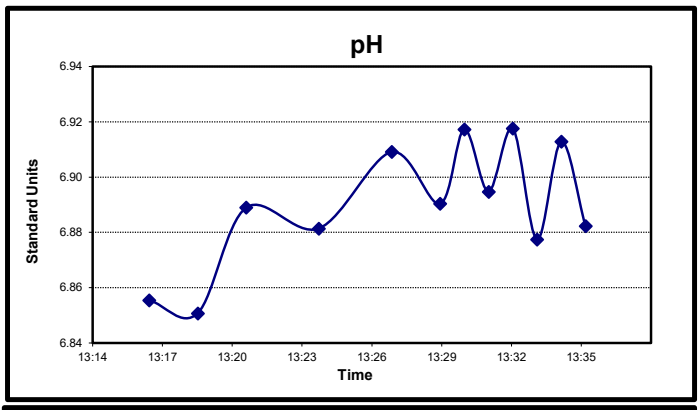
FD-2 = field duplicate for MW-101B collected

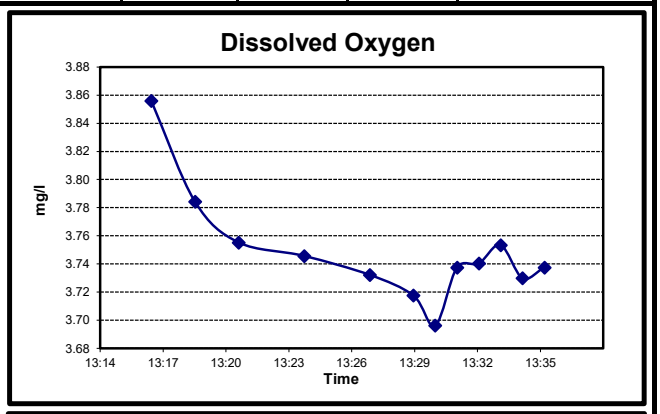
SE Rockford Superfund Site Ground Water Sampling - Field Report

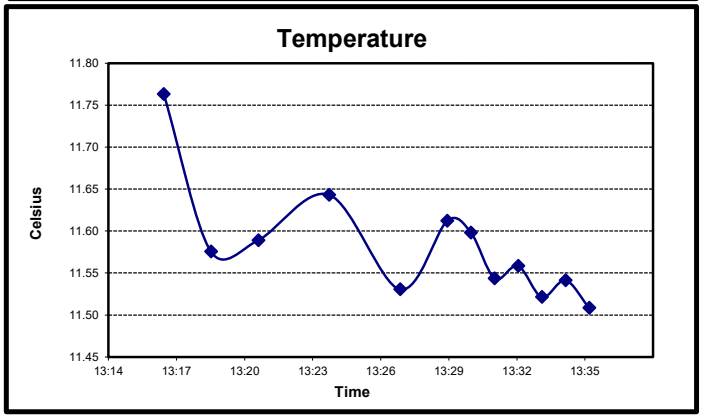
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-101C**
Casing Stickup (Ft.)	1.12	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	08-Nov-21
Total Well Depth (Ft.) TOC	174.89	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	44.7	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	129.07	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

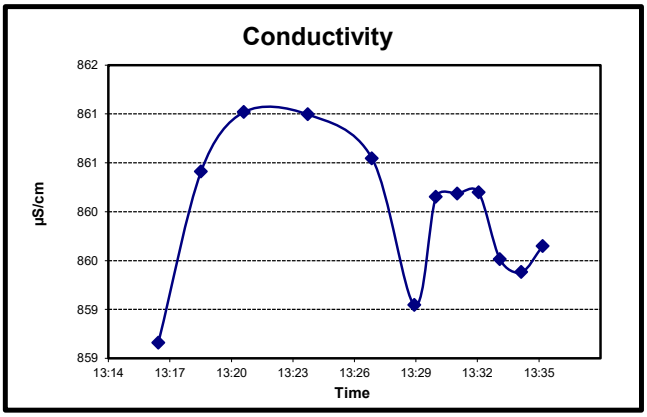
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
13:16									
13:17	6.86	3.86	11.76	253.4	858.66	57	500	44.74	clear
13:19	6.85	3.78	11.58	252.7	860.41		500		
13:21	6.89	3.76	11.59	250.4	861.02		500		
13:24	6.88	3.75	11.64	252.5	861.00		500		
13:27	6.91	3.73	11.53	252.8	860.55		500	44.81	clear
13:29	6.89	3.72	11.61	255.1	859.05		500		
13:30	6.92	3.70	11.60	254.3	860.15		500		
13:31	6.89	3.74	11.54	255.7	860.18		500		
13:32	6.92	3.74	11.56	254.9	860.20		500		
13:33	6.88	3.75	11.52	257.9	859.51		500		
13:34	6.91	3.73	11.54	257.0	859.38		500		
13:35	6.88	3.74	11.51	259.4	859.65		500	44.83	clear
MINUTES							**TOTAL LITERS**		
19.0	0.00	-0.43%	-0.11%	1.50	0.02%		**9.50**		









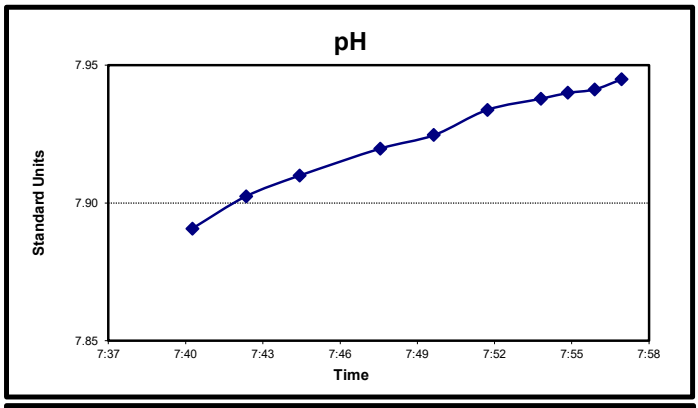
Remarks: (well condition, maintenance, etc…)

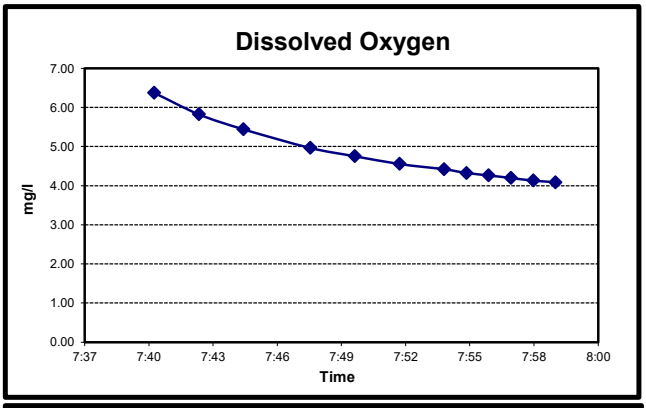
SE Rockford Superfund Site Ground Water Sampling - Field Report

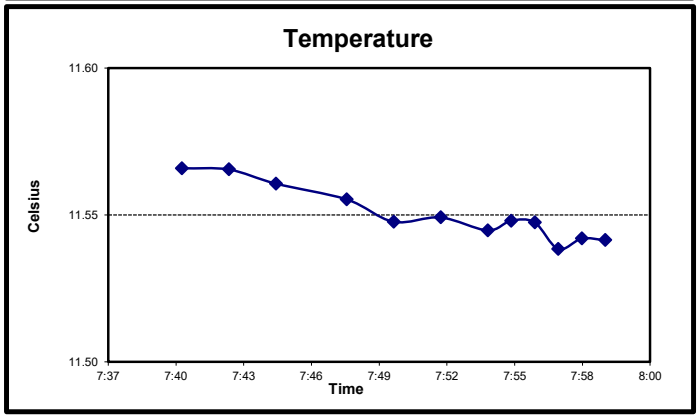
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-101D**
Casing Stickup (Ft.)	0.89	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	11-Nov-21
Total Well Depth (Ft.) TOC	212.72	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	46.52	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	165.31	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

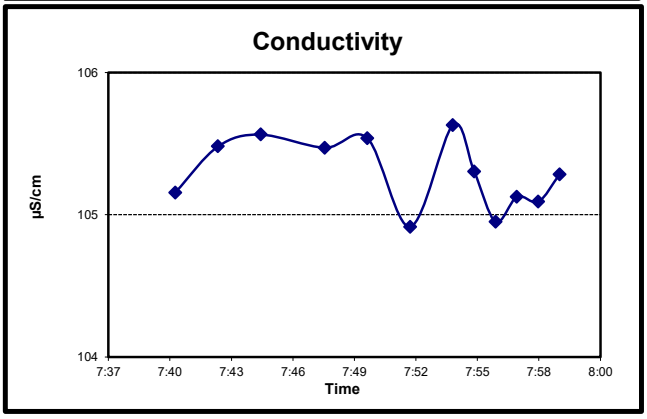
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
7:40									
7:41	7.89	6.37	11.57	293.0	105.16	97	500	46.53	cloudy
7:43	7.90	5.82	11.57	293.5	105.48		500		
7:45	7.91	5.44	11.56	293.9	105.56		500		
7:48	7.92	4.96	11.56	294.5	105.47		500		
7:50	7.92	4.75	11.55	294.5	105.54		500		
7:52	7.93	4.56	11.55	295.1	104.92		500	46.6	cloudy
7:54	7.94	4.42	11.54	294.9	105.63		500		
7:55	7.94	4.32	11.55	295.0	105.30		500		
7:56	7.94	4.26	11.55	295.4	104.95		500		
7:57	7.94	4.20	11.54	295.1	105.13		500		
7:58	7.95	4.13	11.54	295.2	105.09		500	46.69	cloudy
7:59	7.95	4.09	11.54	295.4	105.28		500		
MINUTES							**TOTAL LITERS**		
19.0	0.00	-2.69%	0.03%	0.23	0.15%		**9.50**		









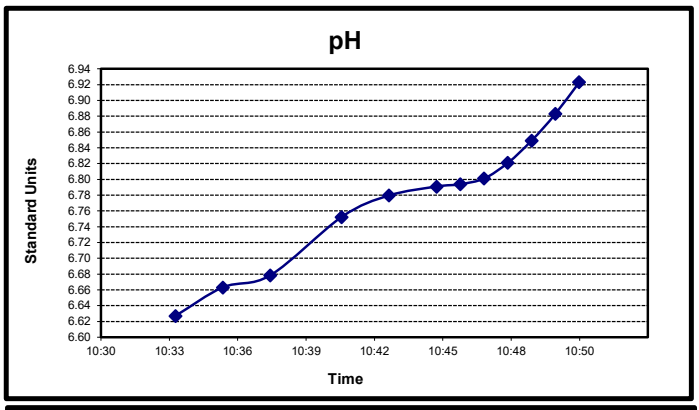
Remarks: (well condition, maintenance, etc…)

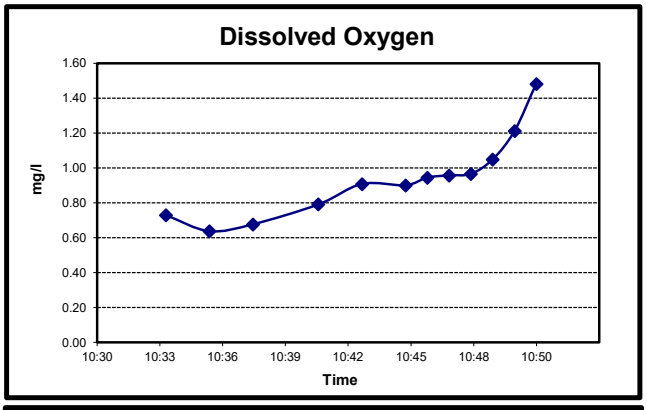
SE Rockford Superfund Site Ground Water Sampling - Field Report

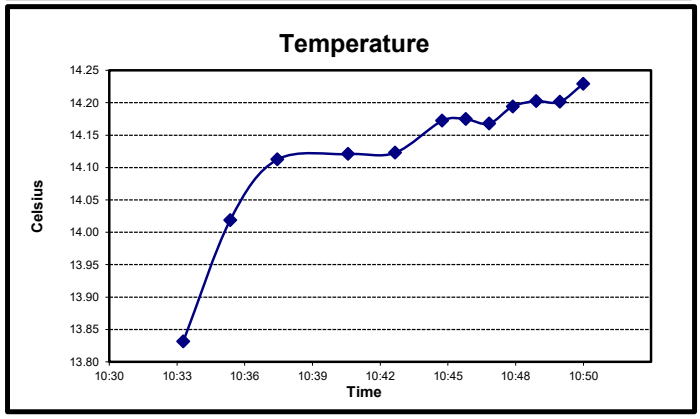
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-102A**
Casing Stickup (Ft.)	-0.47	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	11-Nov-21
Total Well Depth (Ft.) TOC	37.69	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	18.72	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	19.44	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

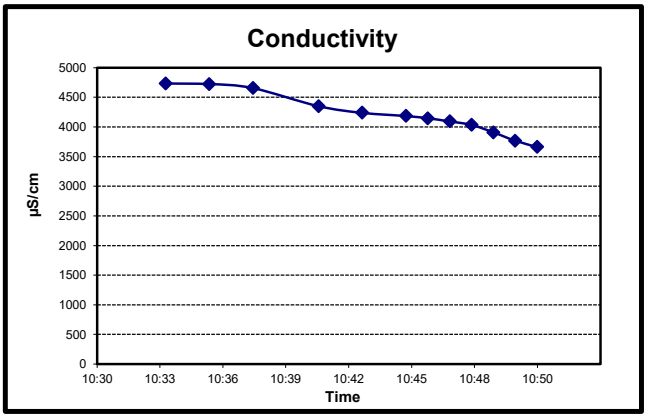
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
10:32									
10:33	6.63	0.73	13.83	151.5	4734.44	49	350	18.75	slightly cloudy
10:35	6.66	0.64	14.02	107.8	4724.10		350		
10:37	6.68	0.68	14.11	79.6	4656.71		350		
10:40	6.75	0.79	14.12	53.1	4349.68		350	18.81	slightly cloudy
10:42	6.78	0.91	14.12	40.4	4239.98		350		
10:44	6.79	0.90	14.17	31.0	4185.67		350		
10:45	6.79	0.94	14.18	26.2	4146.78		350		
10:46	6.80	0.96	14.17	22.2	4095.41		350		
10:47	6.82	0.97	14.19	17.1	4035.49		350		
10:48	6.85	1.05	14.20	13.8	3908.31		350		
10:49	6.88	1.21	14.20	14.8	3768.25		350		
10:50	6.92	1.48	14.23	21.9	3662.08		350	18.86	clear
MINUTES						**TOTAL LITERS**			
18.0	0.07	29.22%	0.19%	8.07	-6.72%		**6.30**		









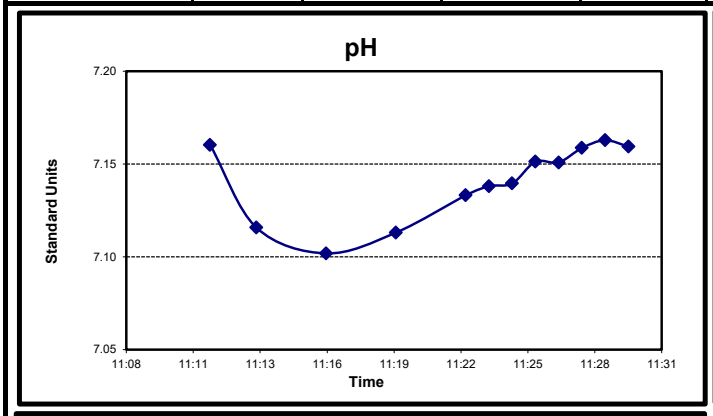
Remarks: (well condition, maintenance, etc…)

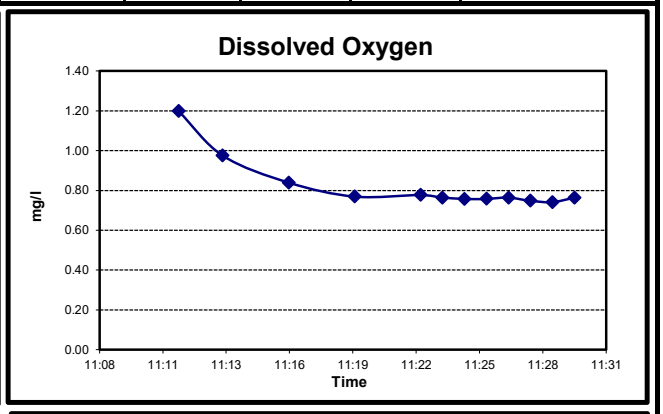
SE Rockford Superfund Site Ground Water Sampling - Field Report

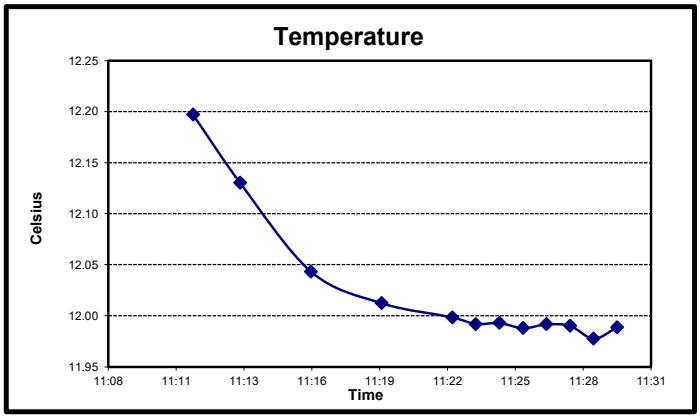
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-102B**
Casing Stickup (Ft.)	-0.68	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	11-Nov-21
Total Well Depth (Ft.) TOC	100.5	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	35.81	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	65.37	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

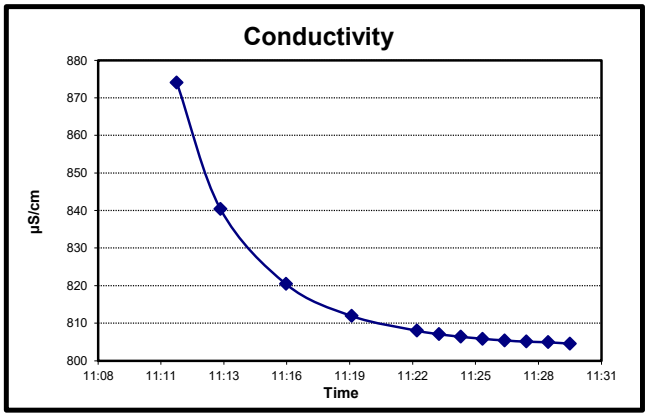
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
11:10									
11:11	7.16	1.20	12.20	54.6	874.03	55	380	35.83	Slightly cloudy
11:13	7.12	0.97	12.13	31.7	840.44		380		
11:16	7.10	0.84	12.04	9.2	820.45		380		
11:19	7.11	0.77	12.01	10.0	811.95		380	35.92	clear
11:22	7.13	0.78	12.00	-9.5	808.04		380		
11:23	7.14	0.76	11.99	-16.9	807.10		380		
11:24	7.14	0.76	11.99	-21.4	806.42		380		
11:25	7.15	0.76	11.99	-25.7	805.87		380		
11:26	7.15	0.76	11.99	-27.7	805.41		380		
11:27	7.16	0.75	11.99	-27.4	805.11		380	35.95	clear
11:28	7.16	0.74	11.98	-25.6	804.96		380		
11:29	7.16	0.76	11.99	-28.0	804.56		380		
MINUTES						**TOTAL LITERS**			
19.0	0.00	2.07%	-0.01%	-0.67	-0.07%		**7.22**		









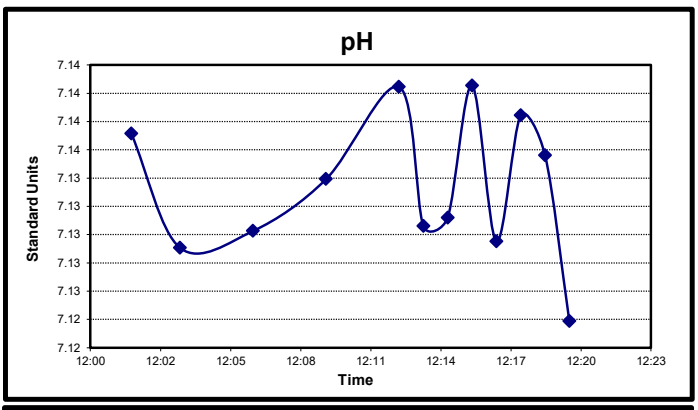
Remarks: (well condition, maintenance, etc…)

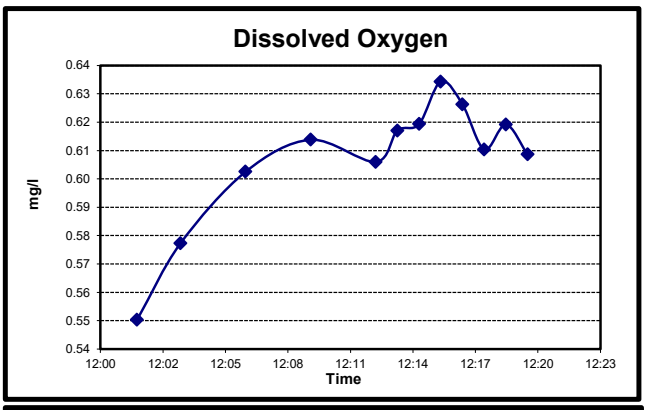
SE Rockford Superfund Site Ground Water Sampling - Field Report

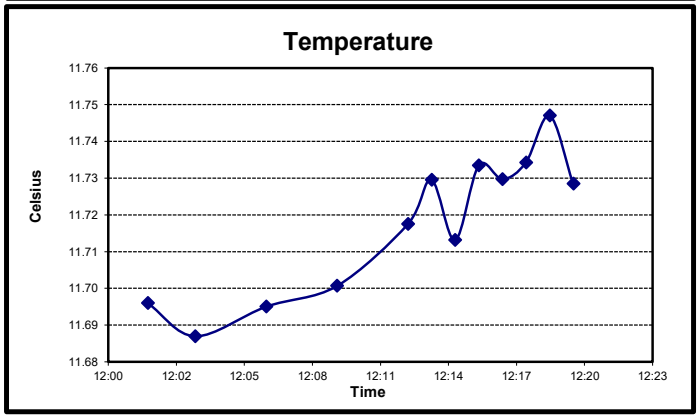
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-102C**
Casing Stickup (Ft.)	-0.43	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	11-Nov-21
Total Well Depth (Ft.) TOC	187.42	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	36.76	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	151.09	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

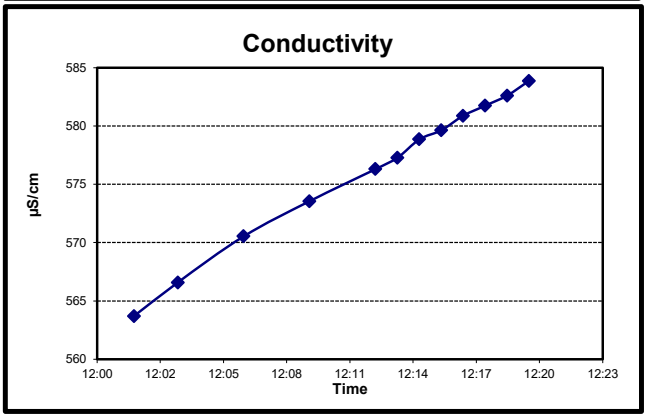
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
12:00									
12:01	7.14	0.55	11.70	135.8	563.70	41	450	36.78	slightly cloudy
12:03	7.13	0.58	11.69	129.7	566.59		450		
12:06	7.13	0.60	11.70	126.3	570.56		450		
12:09	7.13	0.61	11.70	129.0	573.55		450		
12:12	7.14	0.61	11.72	119.1	576.32		450		
12:13	7.13	0.62	11.73	116.6	577.27		450	36.84	slightly cloudy
12:14	7.13	0.62	11.71	115.1	578.86		450		
12:15	7.14	0.63	11.73	113.2	579.63		450		
12:16	7.13	0.63	11.73	112.9	580.88		450		
12:17	7.14	0.61	11.73	112.3	581.74		450		
12:18	7.14	0.62	11.75	109.8	582.61		450		
12:19	7.12	0.61	11.73	107.0	583.87		450	36.89	slightly cloudy
MINUTES						**TOTAL LITERS**			
19.0	-0.01	-0.28%	-0.05%	-5.29	0.36%		**8.55**		









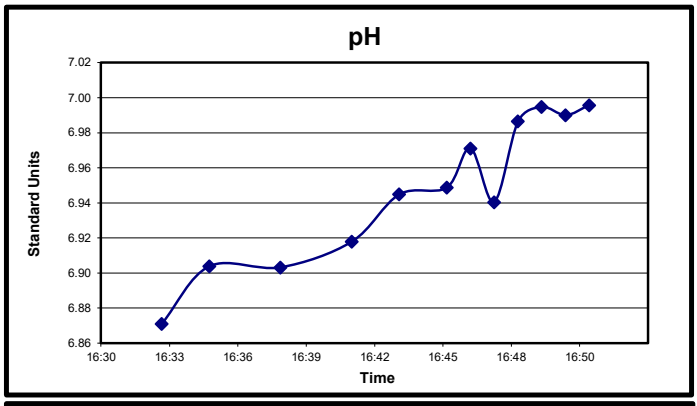
Remarks: (well condition, maintenance, etc…)

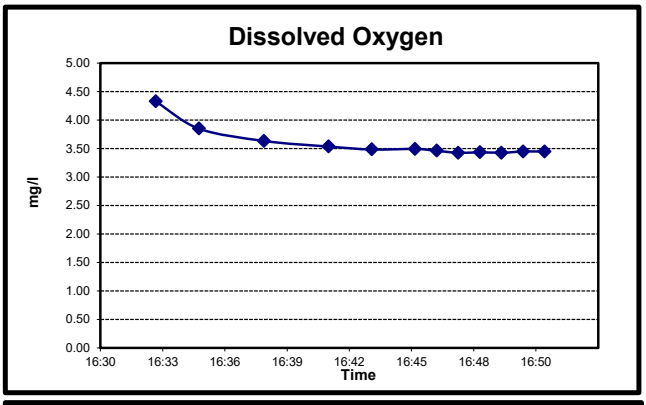
SE Rockford Superfund Site Ground Water Sampling - Field Report

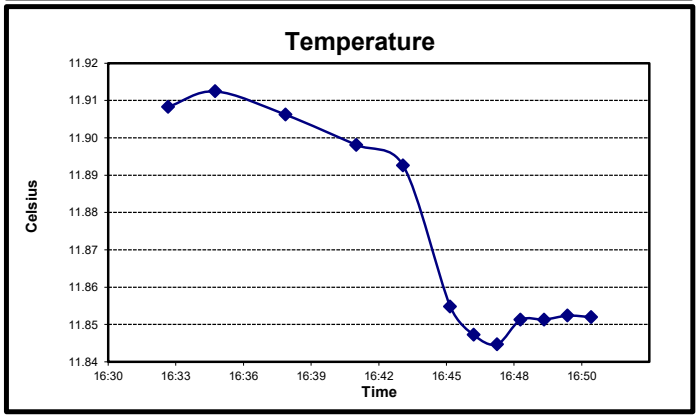
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-113A**
Casing Stickup (Ft.)	-1.06	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	09-Nov-21
Total Well Depth (Ft.) TOC	104.5	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	55.81	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	49.75	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

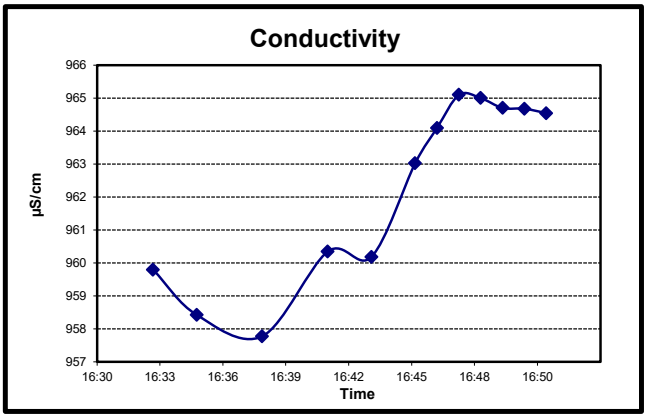
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
16:32									
16:33	6.87	4.33	11.91	198.6	959.79	93	400	55.84	Slightly cloudy
16:35	6.90	3.85	11.91	198.1	958.42		400		
16:38	6.90	3.63	11.91	192.6	957.77		400		
16:41	6.92	3.53	11.90	184.8	960.35		400		
16:43	6.94	3.48	11.89	193.2	960.18		400	56.03	Slightly cloudy
16:45	6.95	3.49	11.85	195.8	963.03		400		
16:46	6.97	3.46	11.85	192.9	964.10		400		
16:47	6.94	3.42	11.84	193.6	965.10		400		
16:48	6.99	3.43	11.85	191.7	965.00		400		
16:49	6.99	3.43	11.85	195.0	964.70		400		
16:50	6.99	3.45	11.85	197.2	964.68		400	56.07	Slightly cloudy
16:51	7.00	3.45	11.85	200.6	964.55		400		
MINUTES						**TOTAL LITERS**			
19.0	0.00	0.61%	0.01%	5.56	-0.02%		**7.60**		









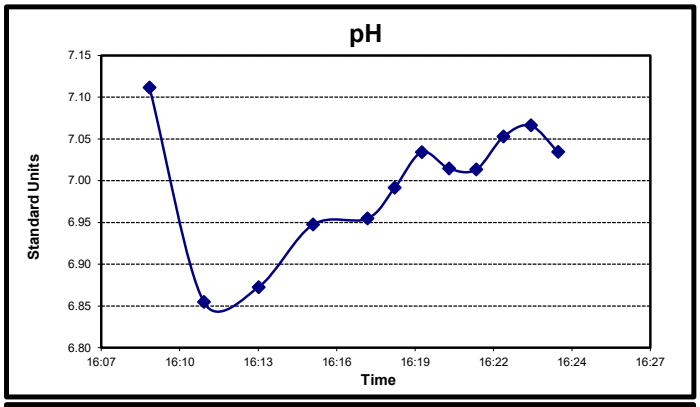
Remarks: (well condition, maintenance, etc…)

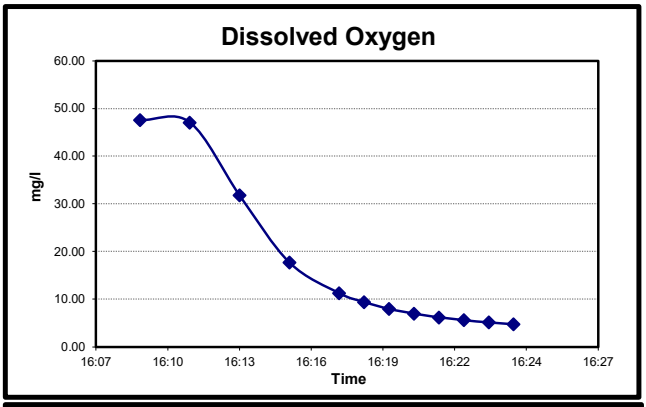
SE Rockford Superfund Site Ground Water Sampling - Field Report

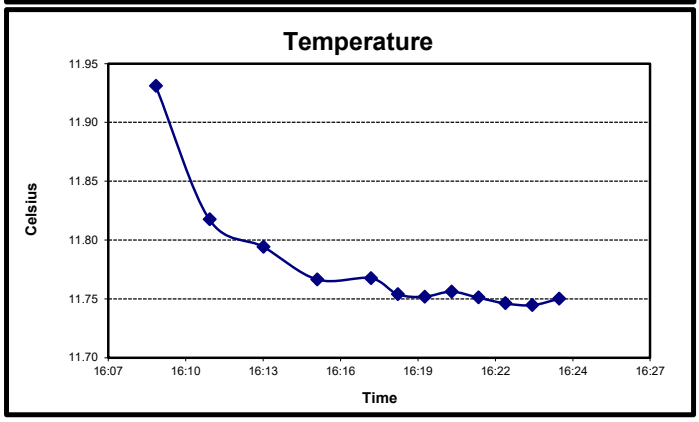
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-113B**
Casing Stickup (Ft.)	-0.43	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	09-Nov-21
Total Well Depth (Ft.) TOC	155.26	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	56.28	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	99.41	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	SPRING 21		

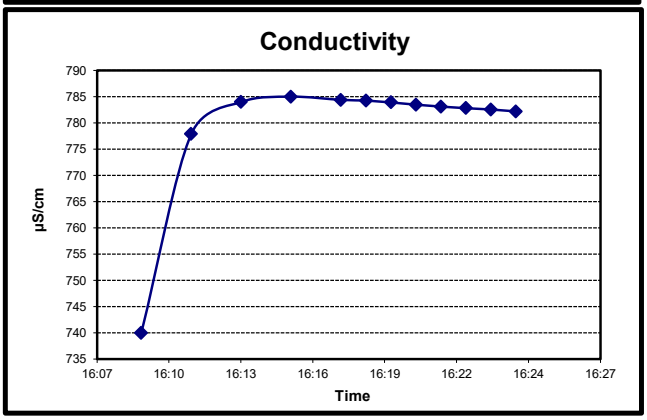
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
16:08									
16:09	7.11	47.58	11.93	163.6	739.98	88	420	56.28	slightly cloudy
16:11	6.85	47.05	11.82	94.5	777.91		420		
16:13	6.87	31.78	11.79	55.7	784.01		420		
16:15	6.95	17.70	11.77	25.7	785.01		420		
16:17	6.95	11.26	11.77	6.9	784.41		420		
16:18	6.99	9.40	11.75	-1.3	784.27		420	56.33	slightly cloudy
16:19	7.03	7.99	11.75	-1.8	783.94		420		
16:20	7.01	7.00	11.76	-6.7	783.48		420		
16:21	7.01	6.21	11.75	-13.2	783.12		420		
16:22	7.05	5.61	11.75	-17.8	782.85		420		
16:23	7.07	5.14	11.74	-18.7	782.56		420	56.38	
16:24	7.03	4.74	11.75	-20.9	782.19		420		
MINUTES						**TOTAL LITERS**			
16.0	-0.02	-18.36%	0.03%	-3.12	-0.08%		**6.72**		









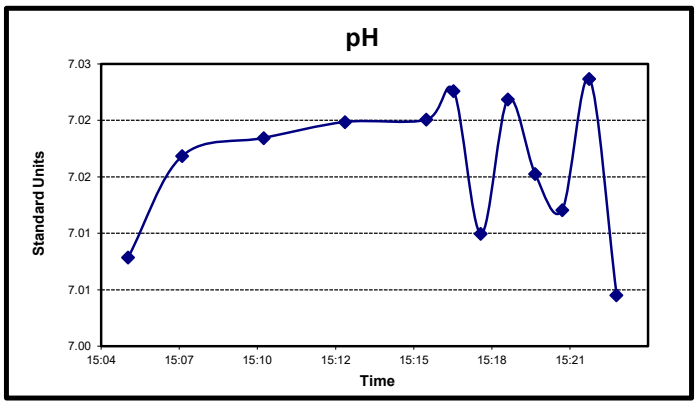
Remarks: (well condition, maintenance, etc…)

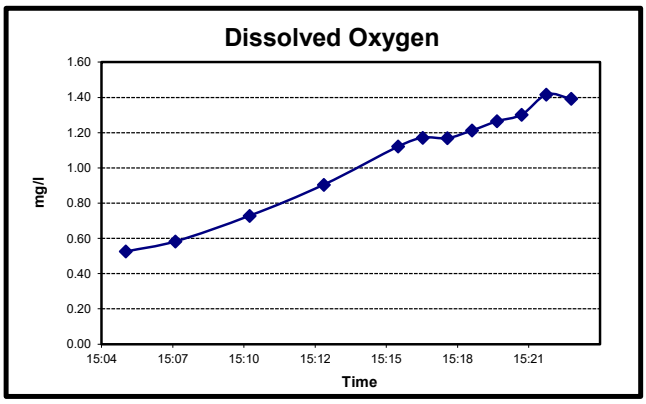
SE Rockford Superfund Site Ground Water Sampling - Field Report

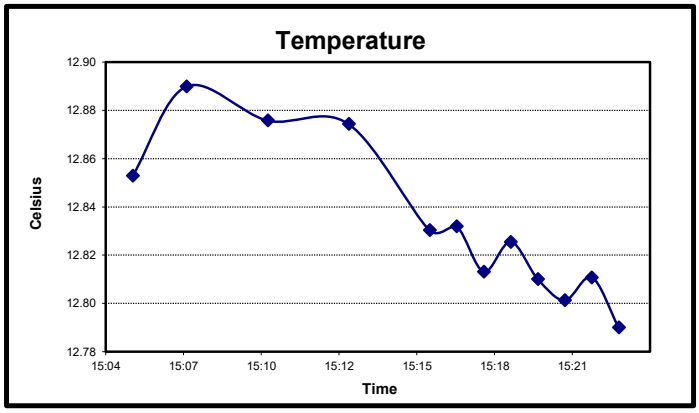
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-114A**
Casing Stickup (Ft.)	2.45	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	11-Nov-21
Total Well Depth (Ft.) TOC	97.48	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	26.59	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	68.44	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

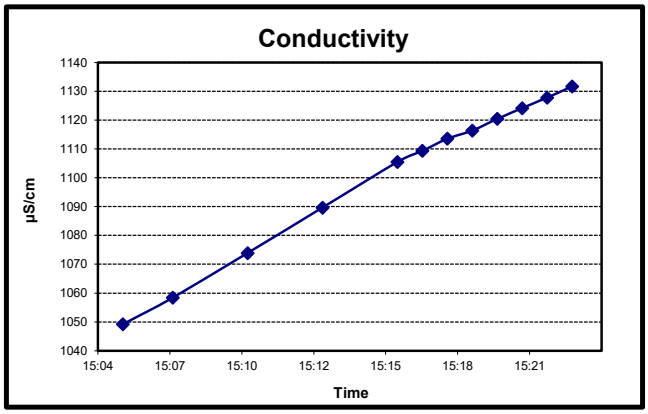
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
15:04									
15:05	7.01	0.53	12.85	240.8	1049.27	33	400	26.63	slightly cloudy
15:07	7.02	0.58	12.89	237.6	1058.48		400		
15:10	7.02	0.73	12.88	237.8	1073.96		400		
15:13	7.02	0.91	12.87	240.5	1089.70		400	26.68	slightly cloudy
15:16	7.02	1.12	12.83	246.0	1105.53		400		
15:17	7.02	1.17	12.83	247.9	1109.41		400		
15:18	7.01	1.17	12.81	250.6	1113.63		400		
15:19	7.02	1.21	12.83	251.8	1116.42		400		
15:20	7.02	1.27	12.81	254.1	1120.51		400		
15:21	7.01	1.30	12.80	256.5	1124.18		400		
15:22	7.02	1.42	12.81	258.0	1127.87		400	26.73	slightly cloudy
15:23	7.00	1.39	12.79	260.4	1131.74		400		
MINUTES						**TOTAL LITERS**			
19.0	-0.01	6.46%	-0.09%	3.99	0.67%		**7.60**		









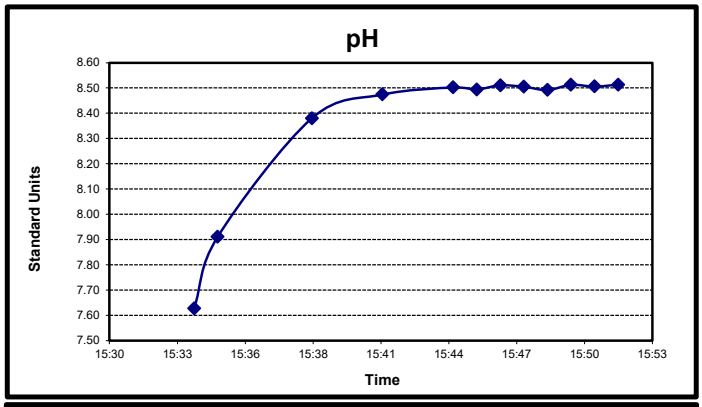
Remarks: (well condition, maintenance, etc…)

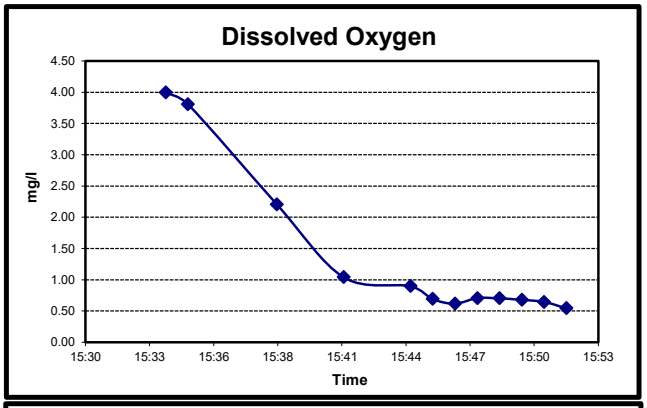
SE Rockford Superfund Site Ground Water Sampling - Field Report

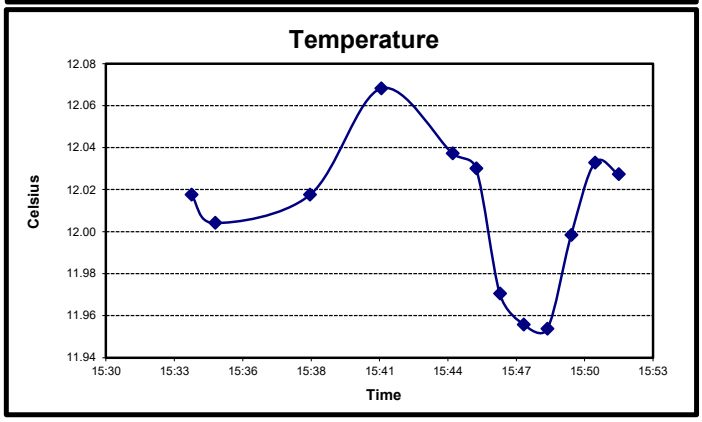
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-114B**
Casing Stickup (Ft.)	-0.24	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	11-Nov-21
Total Well Depth (Ft.) TOC	222.58	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	27.93	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	194.89	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

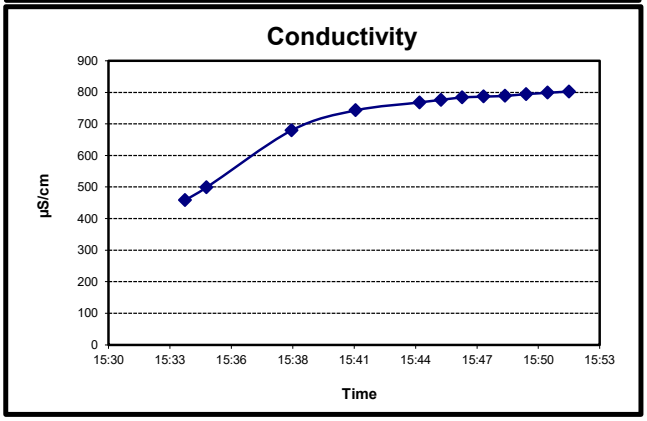
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
15:32									
15:33	7.63	4.00	12.02	279.8	458.82	86	350		
15:34	7.91	3.81	12.00	276.5	498.85		350	27.95	slightly cloudy
15:38	8.38	2.20	12.02	207.5	679.88		350		
15:41	8.47	1.04	12.07	125.8	743.42		350	28.06	slightly cloudy
15:44	8.50	0.90	12.04	79.9	768.16		350		
15:45	8.49	0.69	12.03	66.1	776.17		350		
15:46	8.51	0.62	11.97	54.9	784.06		350		
15:47	8.50	0.71	11.96	45.5	786.67		350		
15:48	8.49	0.70	11.95	38.8	788.90		350		
15:49	8.51	0.68	12.00	30.5	794.46		350		
15:50	8.51	0.64	12.03	21.3	799.01		350	28.15	clear
15:51	8.51	0.54	12.03	12.0	802.36		350		
MINUTES						**TOTAL LITERS**			
19.0	0.00	-24.96%	0.24%	-18.51	0.98%		**6.65**		









Remarks: (well condition, maintenance, etc…)

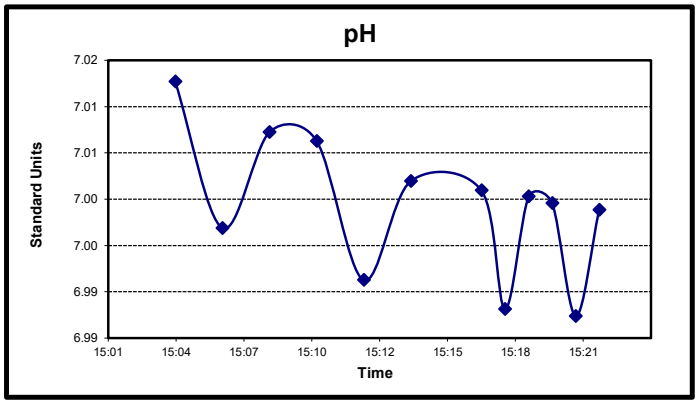
Duplicate FD2 collected.

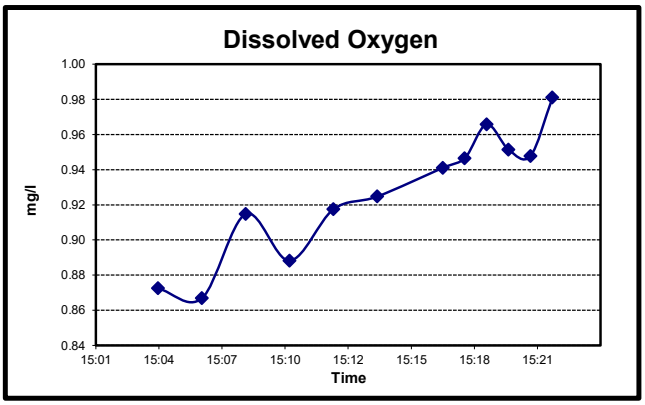
SE Rockford Superfund Site Ground Water Sampling - Field Report

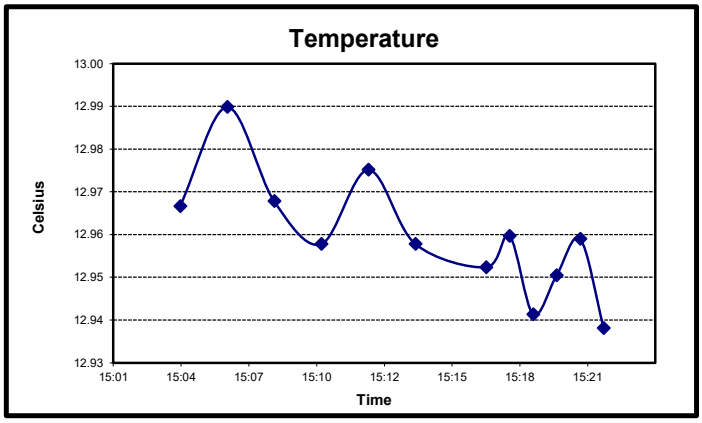
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-117B**
Casing Stickup (Ft.)	-0.45	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	10-Nov-21
Total Well Depth (Ft.) TOC	89.5	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	6.78	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	83.17	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

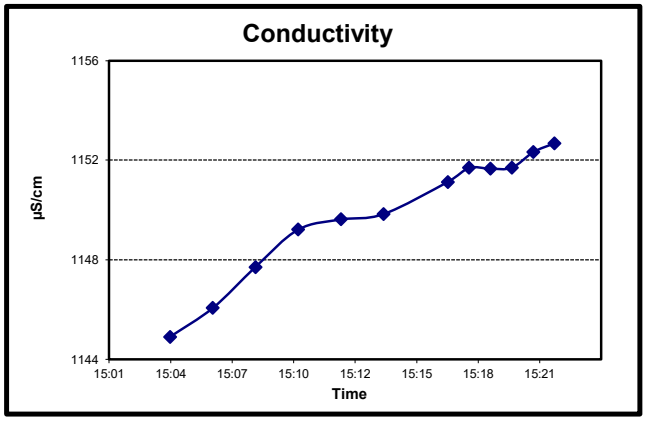
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
15:03									
15:04	7.01	0.87	12.97	231.2	1144.90	28	500	6.78	clear
15:06	7.00	0.87	12.99	234.8	1146.06		500		
15:08	7.01	0.91	12.97	237.3	1147.70		500		
15:10	7.01	0.89	12.96	240.9	1149.21		500		
15:12	6.99	0.92	12.98	244.0	1149.62		500		
15:14	7.00	0.92	12.96	245.8	1149.84		500	6.78	clear
15:17	7.00	0.94	12.95	249.6	1151.12		500		
15:18	6.99	0.95	12.96	251.3	1151.69		500		
15:19	7.00	0.97	12.94	251.8	1151.66		500	6.78	clear
15:20	7.00	0.95	12.95	252.8	1151.70		500		
15:21	6.99	0.95	12.96	254.6	1152.32		500		
15:22	7.00	0.98	12.94	254.8	1152.68		500		
MINUTES						**TOTAL LITERS**			
19.0	0.00	3.02%	-0.10%	2.04	0.09%		**9.50**		









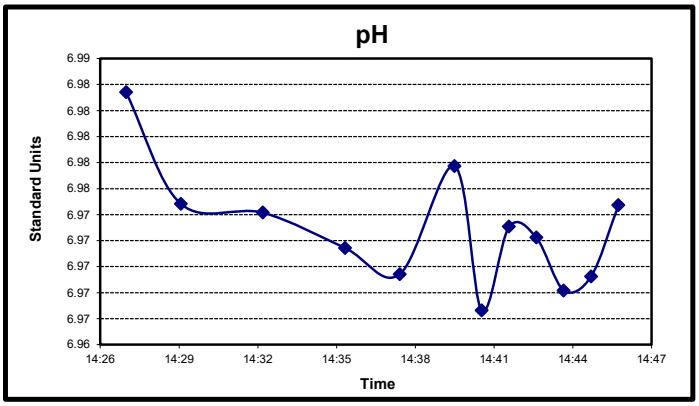
Remarks: (well condition, maintenance, etc…)

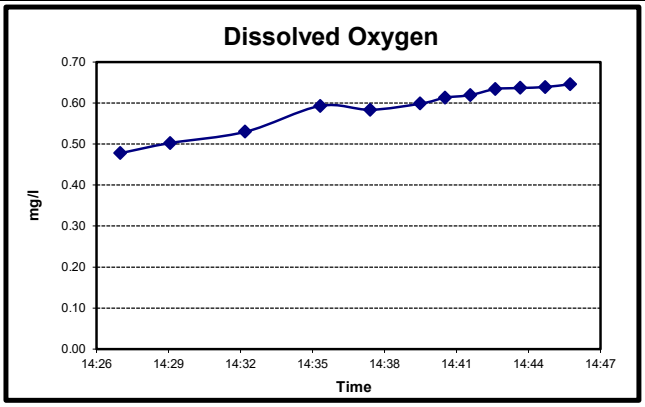
SE Rockford Superfund Site Ground Water Sampling - Field Report

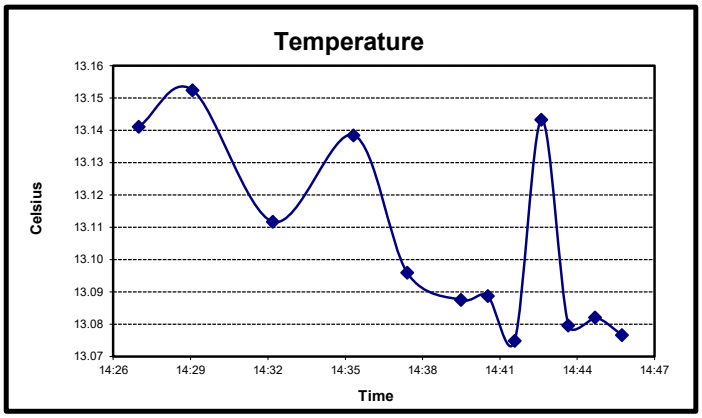
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-117C**
Casing Stickup (Ft.)	-0.63	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	10-Nov-21
Total Well Depth (Ft.) TOC	158.31	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	5.54	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	153.40	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

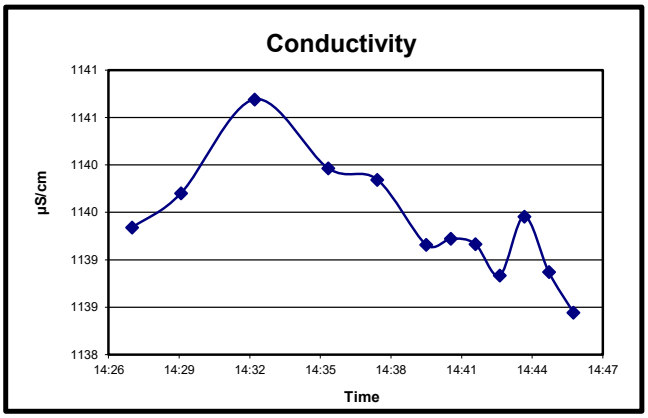
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
14:26									
14:27	6.98	0.48	13.14	243.1	1139.34	22	500	5.54	clear
14:29	6.97	0.50	13.15	198.6	1139.70		500		
14:32	6.97	0.53	13.11	146.1	1140.69		500		
14:35	6.97	0.59	13.14	116.5	1139.97		500		
14:37	6.97	0.58	13.10	99.2	1139.85		500	5.54	clear
14:39	6.98	0.60	13.09	91.9	1139.16		500		
14:40	6.97	0.61	13.09	87.7	1139.22		500		
14:41	6.97	0.62	13.07	82.3	1139.17		500		
14:42	6.97	0.63	13.14	80.4	1138.84		500		
14:43	6.97	0.64	13.08	77.1	1139.46		500		
14:44	6.97	0.64	13.08	75.5	1138.87		500		
14:45	6.97	0.65	13.08	70.4	1138.45		500		clear
MINUTES						**TOTAL LITERS**			
19.0	0.01	1.41%	-0.02%	-6.68	-0.09%		**9.50**		









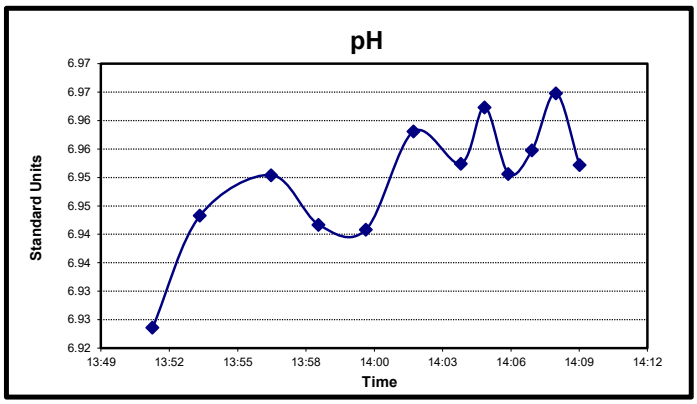
Remarks: (well condition, maintenance, etc…)

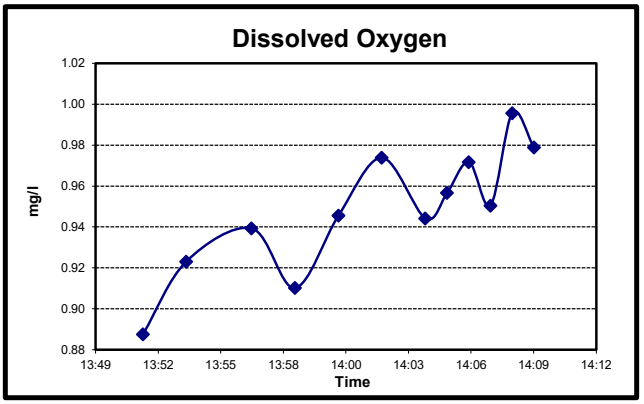
SE Rockford Superfund Site Ground Water Sampling - Field Report

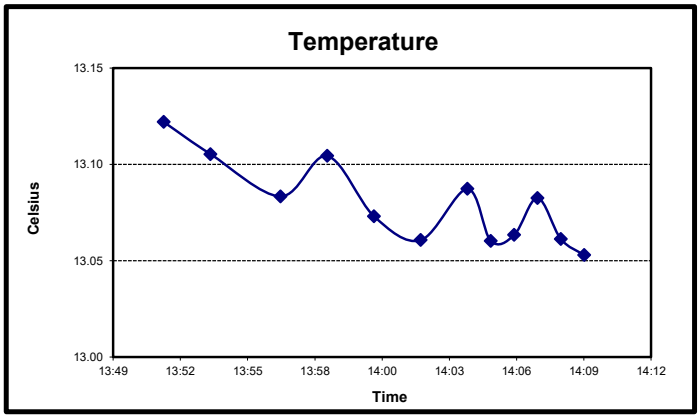
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-117D**
Casing Stickup (Ft.)	-0.3	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	10-Nov-21
Total Well Depth (Ft.) TOC	200.2	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	5.15	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	195.35	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

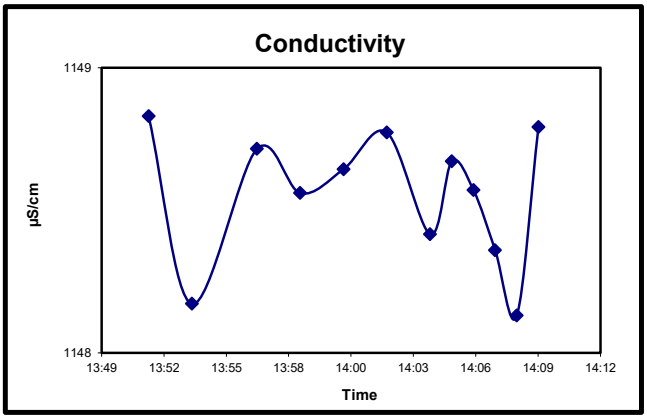
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
13:50									
13:51	6.92	0.89	13.12	318.5	1148.83	18	500	5.15	clear
13:53	6.94	0.92	13.11	316.4	1148.17		500		
13:56	6.95	0.94	13.08	314.6	1148.72		500		
13:58	6.94	0.91	13.10	314.0	1148.56		500		
14:00	6.94	0.95	13.07	313.2	1148.64		500	5.15	clear
14:02	6.96	0.97	13.06	311.6	1148.77		500		
14:04	6.95	0.94	13.09	311.3	1148.42		500		
14:05	6.96	0.96	13.06	310.4	1148.67		500		
14:06	6.95	0.97	13.06	310.8	1148.57		500		
14:07	6.95	0.95	13.08	310.2	1148.36		500		
14:08	6.96	1.00	13.06	309.4	1148.13		500	5.15	clear
14:09	6.95	0.98	13.05	309.8	1148.79		500		
MINUTES						**TOTAL LITERS**			
19.0	0.00	2.91%	-0.23%	-0.41	0.04%		**9.50**		









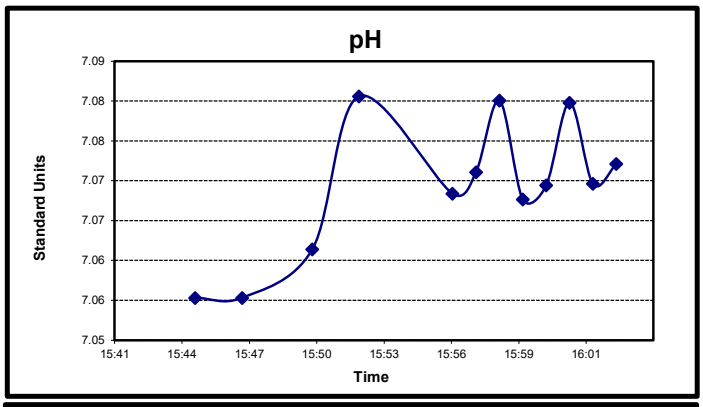
Remarks: (well condition, maintenance, etc…)

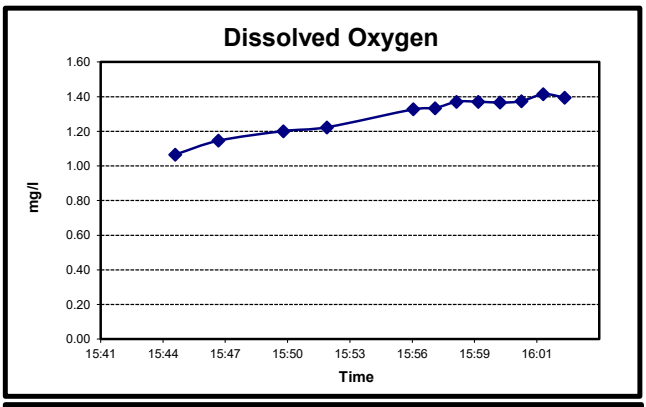
SE Rockford Superfund Site Ground Water Sampling - Field Report

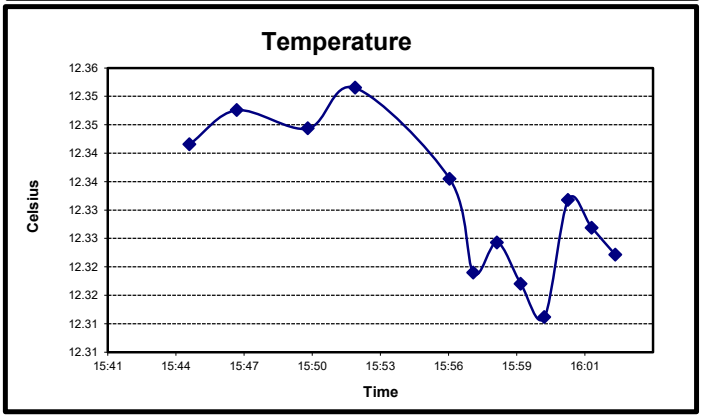
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-119**
Casing Stickup (Ft.)	3.25	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	10-Nov-21
Total Well Depth (Ft.) TOC	62.41	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	26.4	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	32.76	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

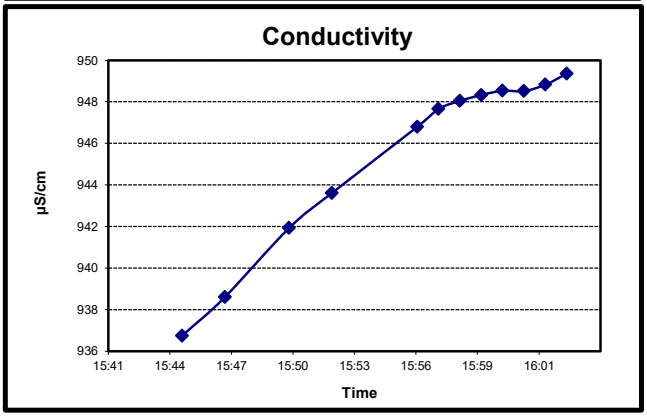
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
15:44									
15:45	7.06	1.07	12.34	307.8	936.75	88	300	26.48	slightly cloudy
15:47	7.06	1.15	12.35	305.8	938.61		300		
15:50	7.06	1.20	12.34	303.9	941.93		300		
15:52	7.08	1.22	12.35	302.2	943.61		300		
15:56	7.07	1.33	12.34	302.6	946.80		300	26.52	
15:57	7.07	1.33	12.32	302.6	947.66		300		
15:58	7.08	1.37	12.32	302.2	948.05		300		slightly cloudy
15:59	7.07	1.37	12.32	303.0	948.33		300		
16:00	7.07	1.37	12.31	303.1	948.54		300		
16:01	7.08	1.38	12.33	302.7	948.52		300		
16:02	7.07	1.41	12.33	303.6	948.83		300	26.61	clear
16:03	7.07	1.40	12.32	303.6	949.35		300		
MINUTES						**TOTAL LITERS**			
19.0	-0.01	1.43%	-0.08%	0.88	0.09%		**5.70**		









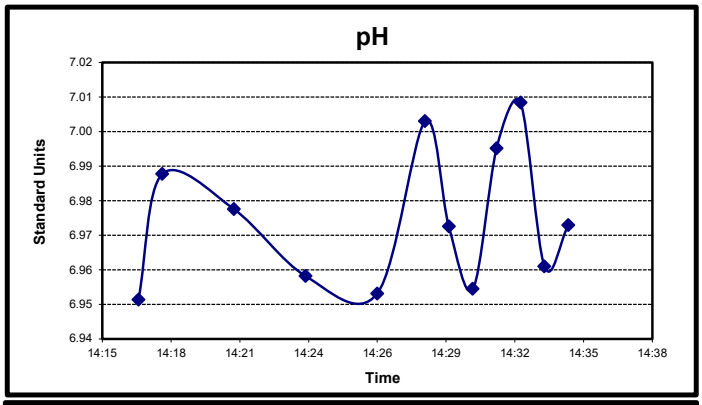
Remarks: (well condition, maintenance, etc…)

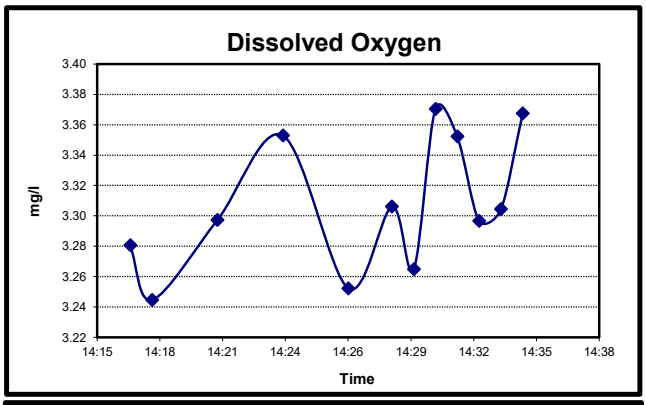
SE Rockford Superfund Site Ground Water Sampling - Field Report

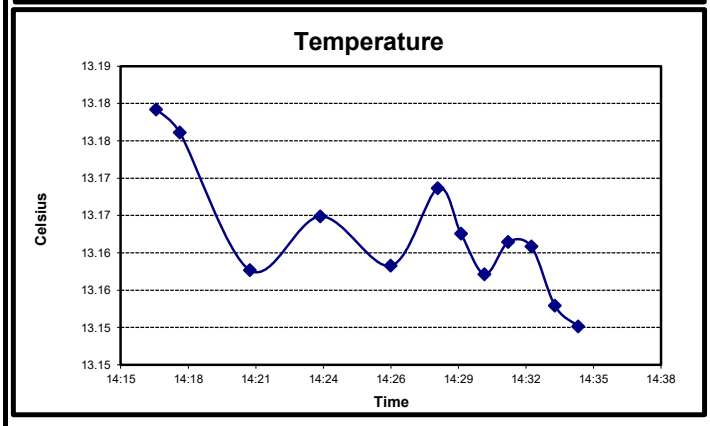
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-121**
Casing Stickup (Ft.)	2.53	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	07-Nov-21
Total Well Depth (Ft.) TOC	67.55	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	23.5	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	41.52	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

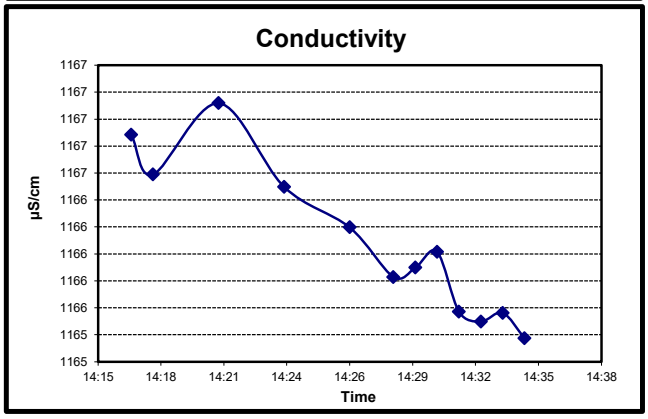
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
14:15									
14:16	6.95	3.28	13.18	255.7	1166.88	84	350		
14:17	6.99	3.24	13.18	254.0	1166.59		350	23.5	slightly cloudy
14:20	6.98	3.30	13.16	254.3	1167.12		350		
14:23	6.96	3.35	13.16	253.2	1166.50		350		
14:26	6.95	3.25	13.16	251.4	1166.20		350	23.5	slightly cloudy
14:28	7.00	3.31	13.17	247.2	1165.83		350		
14:29	6.97	3.26	13.16	248.9	1165.90		350		
14:30	6.95	3.37	13.16	249.2	1166.02		350		
14:31	7.00	3.35	13.16	246.6	1165.57		350		
14:32	7.01	3.30	13.16	245.6	1165.50		350	23.5	slightly cloudy
14:33	6.96	3.30	13.15	248.2	1165.56		350		
14:34	6.97	3.37	13.15	247.1	1165.37		350		
MINUTES						**TOTAL LITERS**			
19.0	-0.04	2.10%	-0.08%	1.49	-0.01%		**6.65**		









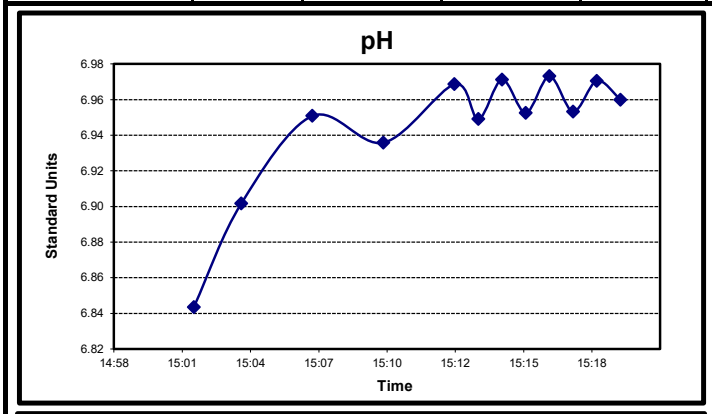
Remarks: (well condition, maintenance, etc…)

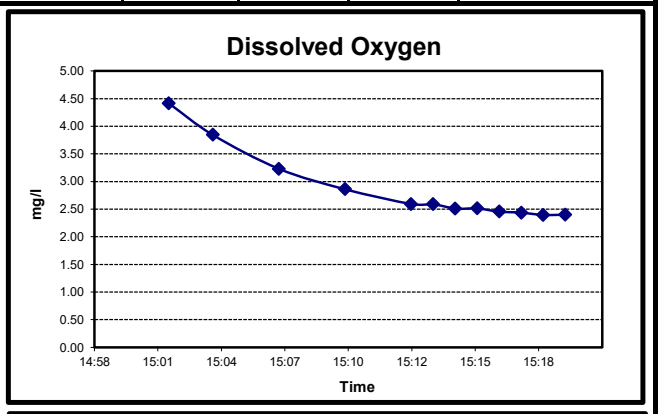
SE Rockford Superfund Site Ground Water Sampling - Field Report

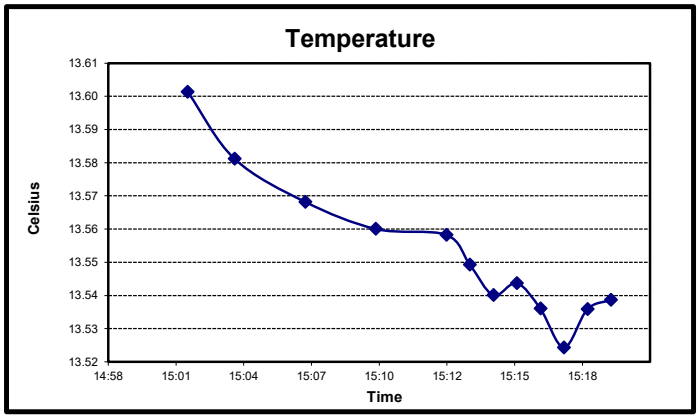
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-124**
Casing Stickup (Ft.)	2.17	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	07-Nov-21
Total Well Depth (Ft.) TOC	102.76	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	35.47	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	65.12	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

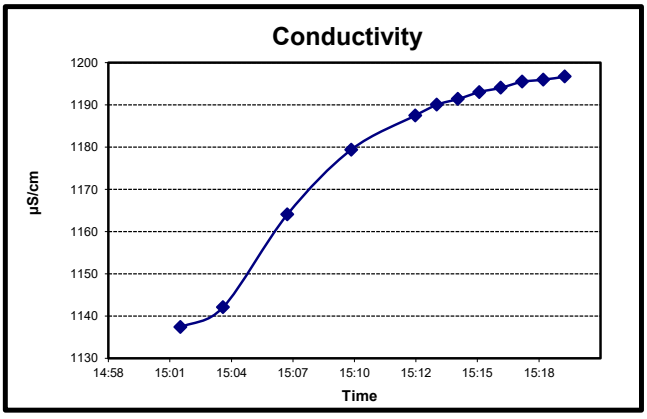
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
15:00									
15:01	6.84	4.41	13.60	-74.5	1137.41	35	340	35.5	slightly cloudy
15:03	6.90	3.84	13.58	-82.4	1142.13		340		
15:06	6.95	3.23	13.57	-80.9	1164.07		340		
15:09	6.94	2.86	13.56	-74.5	1179.42		340	35.53	slightly cloudy
15:12	6.97	2.59	13.56	-70.0	1187.52		340		
15:13	6.95	2.59	13.55	-69.3	1190.05		340		
15:14	6.97	2.51	13.54	-70.0	1191.42		340		
15:15	6.95	2.51	13.54	-65.3	1193.03		340		
15:16	6.97	2.45	13.54	-66.6	1194.08		340		
15:17	6.95	2.44	13.52	-66.4	1195.48		340		
15:18	6.97	2.40	13.54	-66.8	1195.99		340	35.55	slightly cloudy
15:19	6.96	2.40	13.54	-64.3	1196.72		340		
MINUTES						**TOTAL LITERS**			
19.0	0.01	-1.49%	0.11%	2.13	0.10%		**6.46**		









Remarks: (well condition, maintenance, etc…)

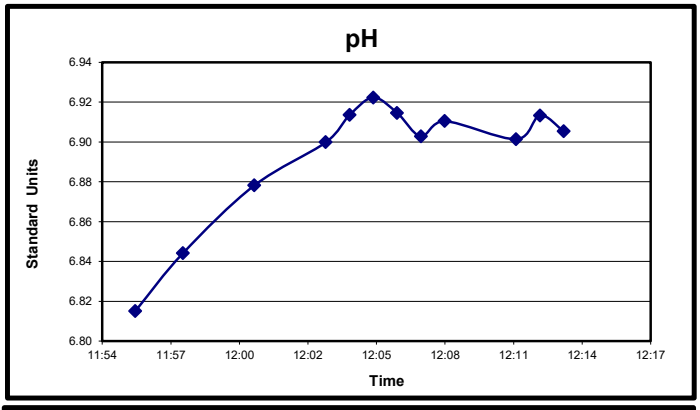
Duplicate FD1 collected

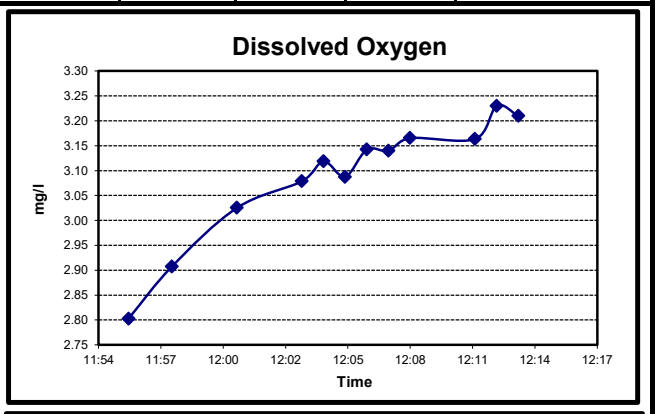
SE Rockford Superfund Site Ground Water Sampling - Field Report

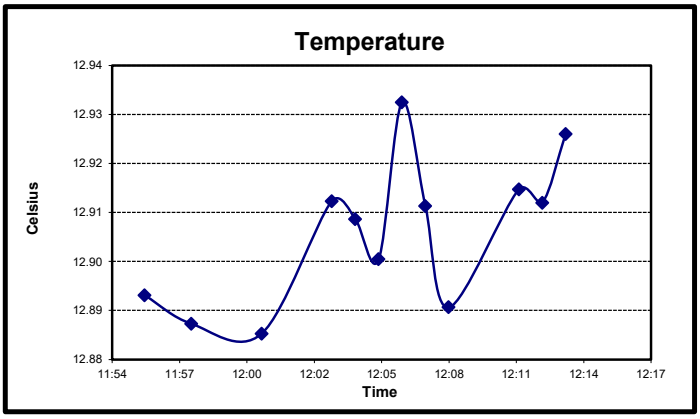
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-130**
Casing Stickup (Ft.)	-0.3	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	09-Nov-21
Total Well Depth (Ft.) TOC	38.17	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	23.68	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	14.79	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

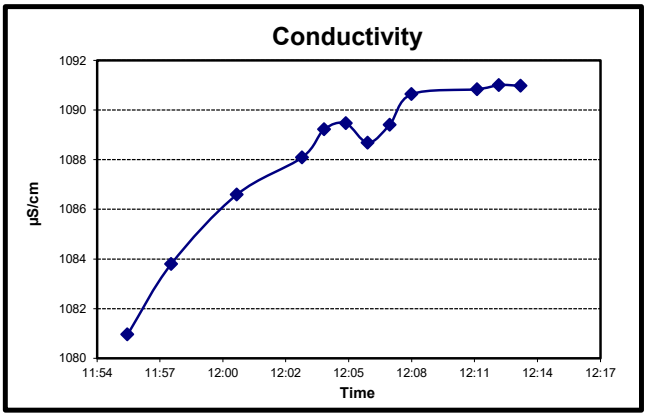
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
11:54									
11:55	6.82	2.80	12.89	169.2	1080.96	42	300	23.74	slightly cloudy
11:57	6.84	2.91	12.89	178.6	1083.79		300		
12:00	6.88	3.03	12.89	189.8	1086.59		300		
12:03	6.90	3.08	12.91	198.6	1088.09		300	23.79	slightly cloudy
12:04	6.91	3.12	12.91	200.2	1089.22		300		
12:05	6.92	3.09	12.90	201.1	1089.46		300		
12:06	6.91	3.14	12.93	202.4	1088.68		300		
12:07	6.90	3.14	12.91	204.0	1089.41		300		
12:08	6.91	3.17	12.89	202.9	1090.63		300		
12:11	6.90	3.16	12.91	189.9	1090.83		300		
12:12	6.91	3.23	12.91	181.9	1091.00		300		
12:13	6.91	3.21	12.93	176.4	1090.98		300	23.82	slightly cloudy
MINUTES						**TOTAL LITERS**			
19.0	0.00	1.43%	0.09%	-13.58	0.01%		**5.70**		









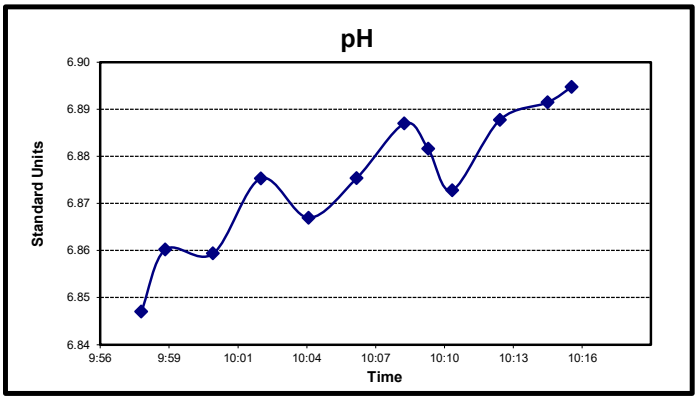
Remarks: (well condition, maintenance, etc…)

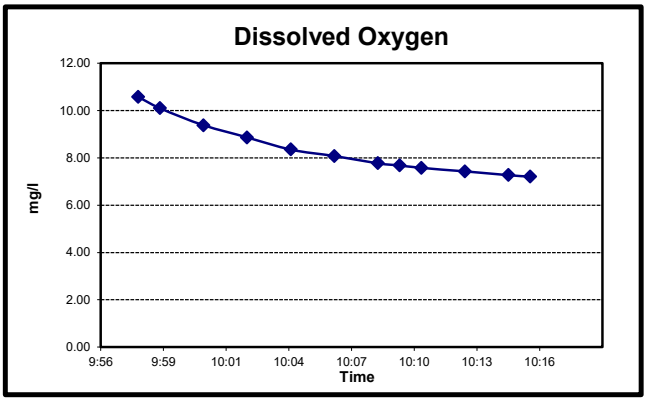
SE Rockford Superfund Site Ground Water Sampling - Field Report

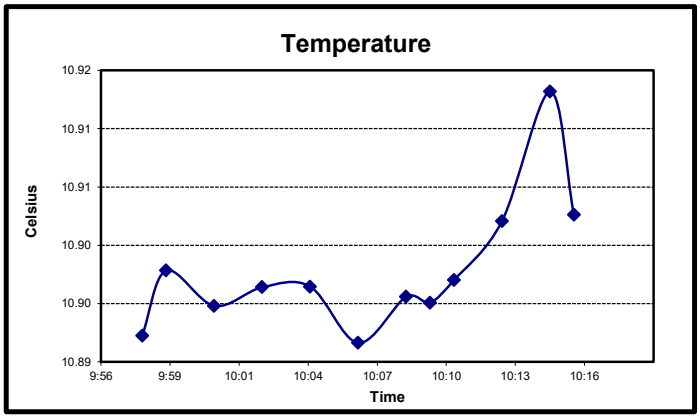
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-133A**
Casing Stickup (Ft.)	2.3	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	09-Nov-21
Total Well Depth (Ft.) TOC	37.85	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	28.15	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	7.40	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

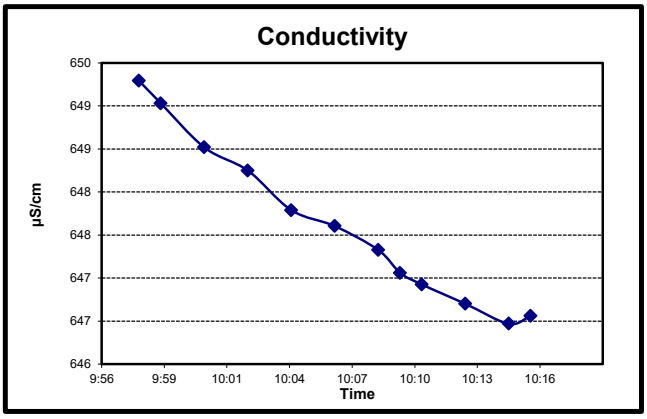
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
9:56									
9:57	6.85	10.57	10.89	232.7	649.29	65	300		
9:58	6.86	10.10	10.90	235.4	649.03		300	28.22	slightly cloudy
10:00	6.86	9.38	10.89	241.5	648.52		300		
10:02	6.88	8.86	10.90	245.8	648.25		300		
10:04	6.87	8.35	10.90	250.8	647.79		300	28.23	slightly cloudy
10:06	6.88	8.08	10.89	254.5	647.60		300		
10:08	6.89	7.77	10.90	257.5	647.33		300		
10:09	6.88	7.68	10.90	259.6	647.06		300		
10:10	6.87	7.58	10.90	261.9	646.93		300		
10:12	6.89	7.43	10.90	264.2	646.70		300	28.26	clear
10:14	6.89	7.27	10.91	266.8	646.47		300		
10:15	6.89	7.21	10.90	268.1	646.56		300		
MINUTES						**TOTAL LITERS**			
19.0	0.01	-2.94%	0.01%	3.90	-0.02%		**5.70**		









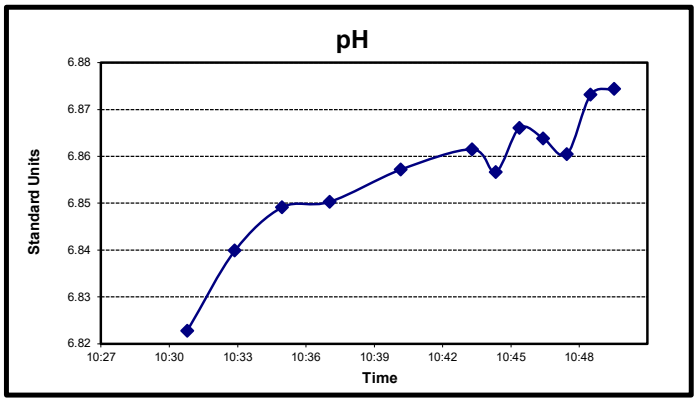
Remarks: (well condition, maintenance, etc…)

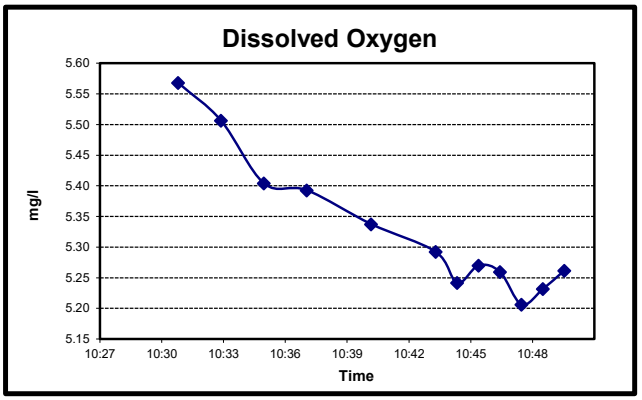
SE Rockford Superfund Site Ground Water Sampling - Field Report

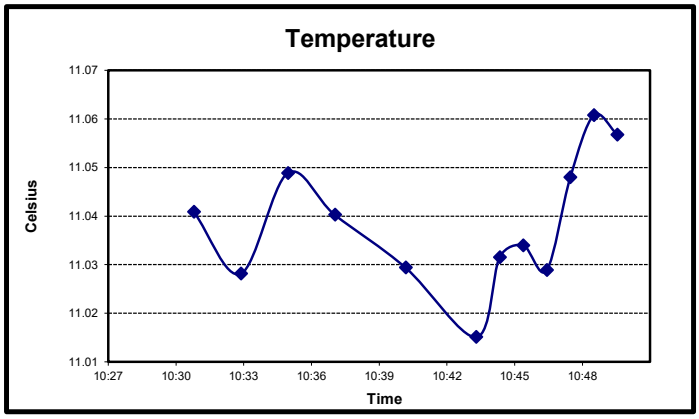
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-133B**
Casing Stickup (Ft.)	2.51	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	09-Nov-21
Total Well Depth (Ft.) TOC	61.49	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	28.9	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	30.08	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

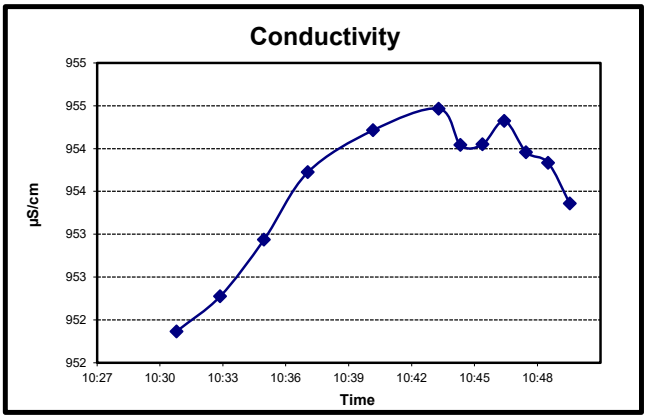
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
10:30									
10:31	6.82	5.57	11.04	269.8	951.86	79	400	29.04	slightly cloudy
10:33	6.84	5.51	11.03	257.0	952.28		400		
10:35	6.85	5.40	11.05	256.3	952.93		400		
10:37	6.85	5.39	11.04	256.8	953.72		400		
10:40	6.86	5.34	11.03	257.3	954.22		400	29.09	slightly cloudy
10:43	6.86	5.29	11.02	258.1	954.47		400		
10:44	6.86	5.24	11.03	258.8	954.04		400		
10:45	6.87	5.27	11.03	258.6	954.05		400		
10:46	6.86	5.26	11.03	259.1	954.32		400		
10:47	6.86	5.21	11.05	259.7	953.96		400		
10:48	6.87	5.23	11.06	259.3	953.83		400		
10:49	6.87	5.26	11.06	259.5	953.36		400	29.12	slightly cloudy
MINUTES						**TOTAL LITERS**			
19.0	0.01	1.05%	0.08%	-0.22	-0.06%		**7.60**		









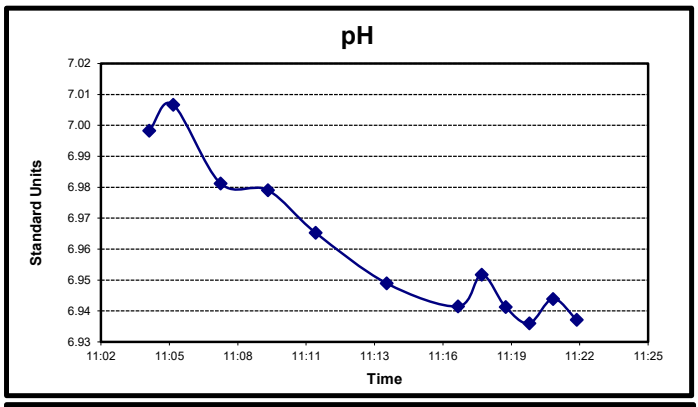
Remarks: (well condition, maintenance, etc…)

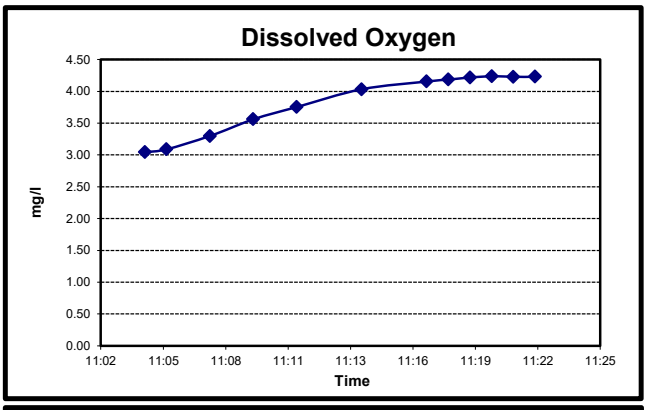
SE Rockford Superfund Site Ground Water Sampling - Field Report

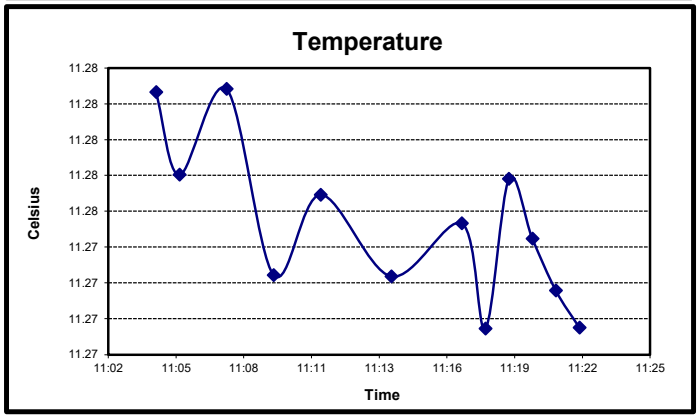
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-133C**
Casing Stickup (Ft.)	2.37	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	09-Nov-21
Total Well Depth (Ft.) TOC	98.49	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	25.21	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	70.91	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

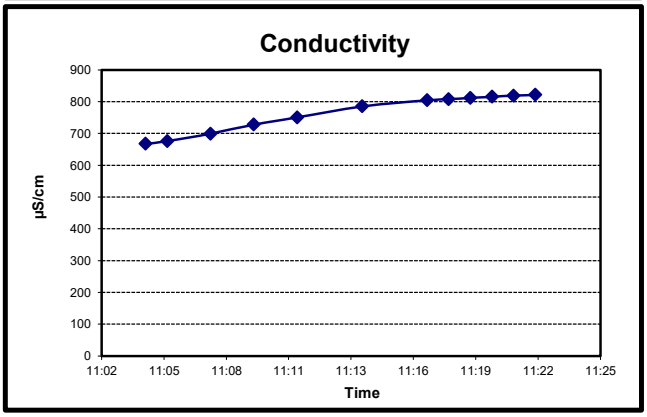
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
11:03									
11:04	7.00	3.04	11.28	219.0	667.51	39	400		
11:05	7.01	3.09	11.28	216.9	675.99		400	25.23	clear
11:07	6.98	3.30	11.28	217.4	699.58		400		
11:09	6.98	3.56	11.27	220.4	728.18		400		
11:11	6.97	3.75	11.28	225.4	750.66		400		
11:14	6.95	4.03	11.27	233.4	785.37		400	25.28	clear
11:17	6.94	4.15	11.28	240.1	804.75		400		
11:18	6.95	4.19	11.27	241.4	808.27		400		
11:19	6.94	4.22	11.28	243.7	811.94		400		
11:20	6.94	4.24	11.27	245.5	815.85		400		
11:21	6.94	4.23	11.27	246.5	819.02		400		
11:22	6.94	4.23	11.27	248.3	821.50		400	25.31	clear
MINUTES							**TOTAL LITERS**		
19.0	0.00	-0.17%	-0.04%	2.77	0.69%		**7.60**		









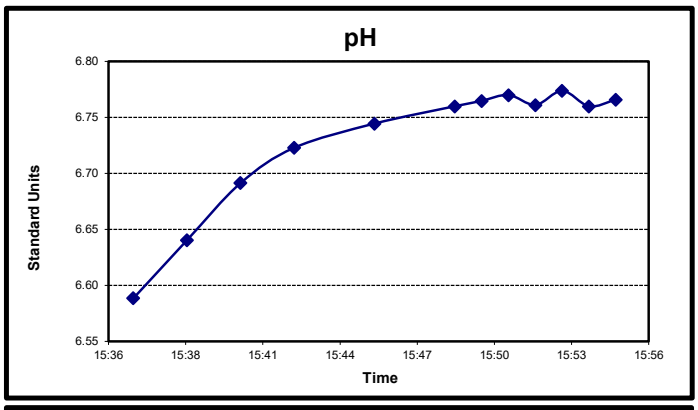
Remarks: (well condition, maintenance, etc…)

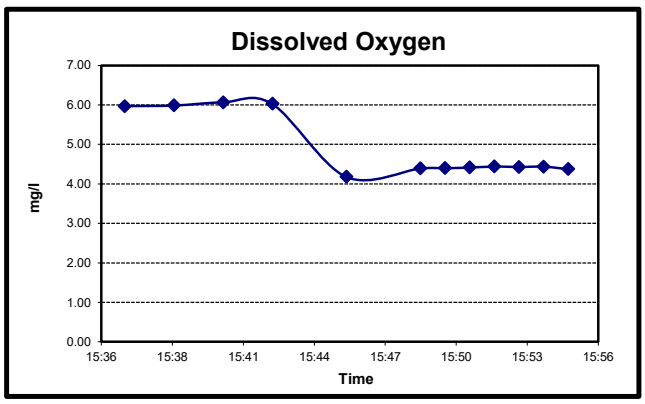
SE Rockford Superfund Site Ground Water Sampling - Field Report

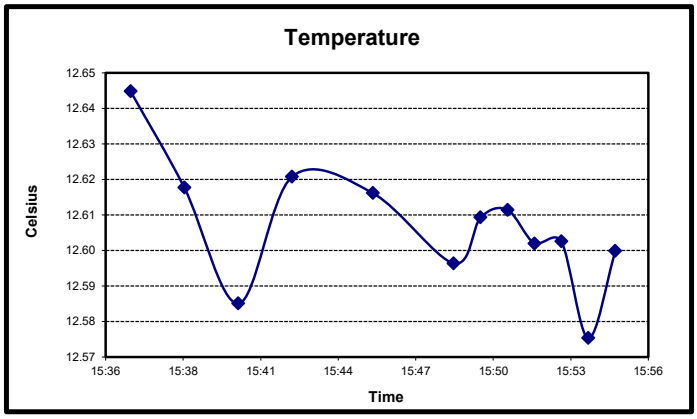
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-136**
Casing Stickup (Ft.)	-0.42	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	08-Nov-21
Total Well Depth (Ft.) TOC	44.33	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	38.7	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	6.05	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

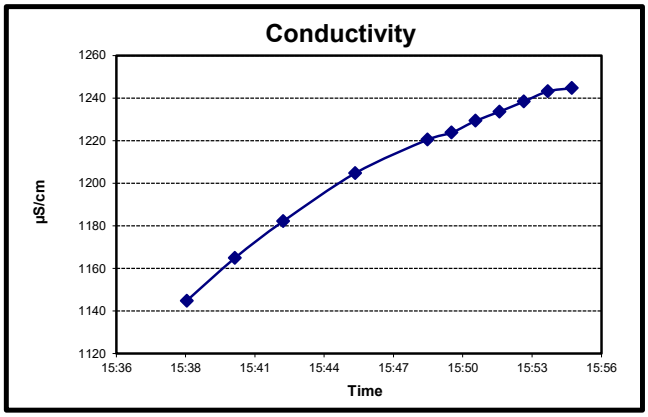
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
15:35									
15:36	6.59	5.97	12.64	203.3	1124.81	49	250	38.8	slightly cloudy
15:38	6.64	5.99	12.62	215.2	1144.84		250		
15:40	6.69	6.06	12.59	225.1	1164.92		250		
15:42	6.72	6.03	12.62	234.3	1182.14		250		
15:45	6.74	4.18	12.62	247.3	1204.78		250	38.84	clear
15:48	6.76	4.39	12.60	257.1	1220.49		250		
15:49	6.76	4.40	12.61	259.6	1223.76		250		
15:50	6.77	4.41	12.61	261.8	1229.38		250		
15:51	6.76	4.44	12.60	264.2	1233.63		250		
15:52	6.77	4.43	12.60	265.3	1238.39		250	38.87	clear
15:53	6.76	4.44	12.58	267.3	1243.14		250		
15:54	6.77	4.37	12.60	268.6	1244.64		250		
MINUTES						**TOTAL LITERS**			
19.0	-0.01	-1.22%	-0.02%	3.34	0.50%		**4.75**		









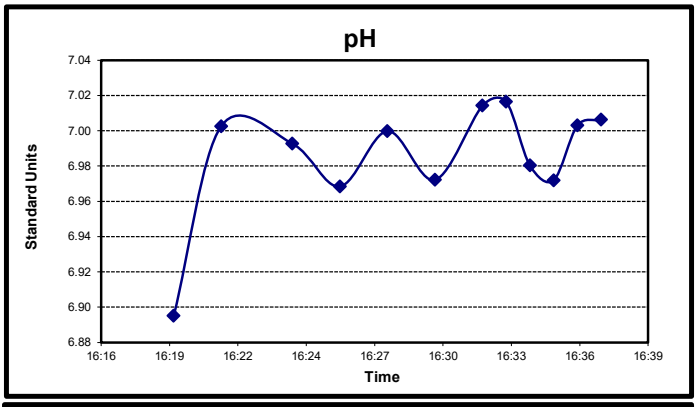
Remarks: (well condition, maintenance, etc…)

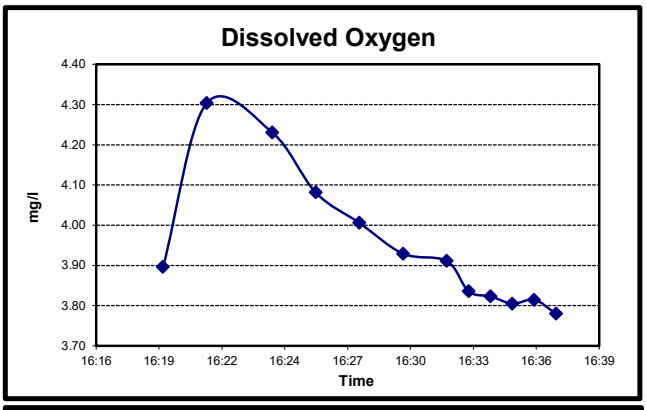
SE Rockford Superfund Site Ground Water Sampling - Field Report

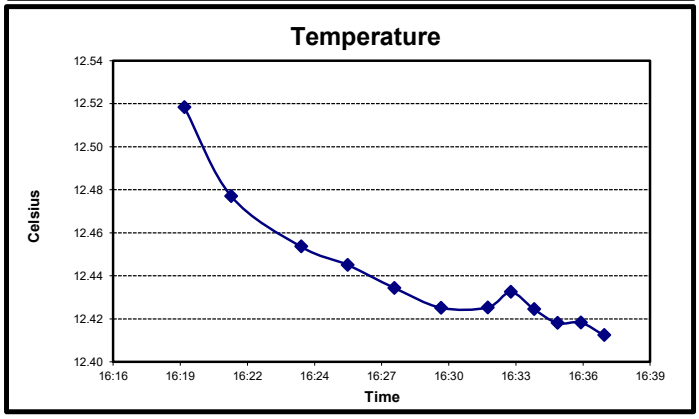
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-200**
Casing Stickup (Ft.)	1.15	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	08-Nov-21
Total Well Depth (Ft.) TOC	89.93	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	50.23	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	38.55	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

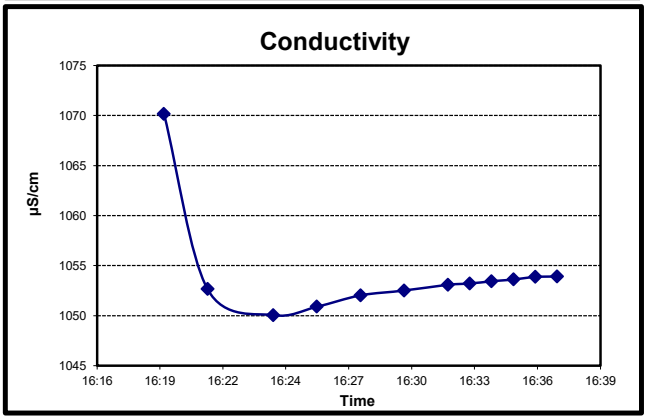
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
16:18									
16:19	6.90	3.90	12.52	207.3	1070.17	69	370	50.29	slightly cloudy
16:21	7.00	4.30	12.48	211.1	1052.66		370		
16:24	6.99	4.23	12.45	216.5	1050.05		370		
16:26	6.97	4.08	12.45	217.7	1050.91		370		
16:28	7.00	4.01	12.43	216.6	1052.04		370	50.33	slightly cloudy
16:30	6.97	3.93	12.43	218.9	1052.52		370		
16:32	7.01	3.91	12.43	218.8	1053.09		370		
16:33	7.02	3.84	12.43	219.3	1053.23		370		
16:34	6.98	3.82	12.42	222.0	1053.44		370		
16:35	6.97	3.80	12.42	221.6	1053.62		370		
16:36	7.00	3.81	12.42	221.4	1053.88		370		
16:37	7.01	3.78	12.41	221.5	1053.92		370		uplicate, FD-1, collected
MINUTES						**TOTAL LITERS**			
19.0	0.03	-0.65%	-0.05%	-0.07	0.03%		**7.03**		









Remarks: (well condition, maintenance, etc…)

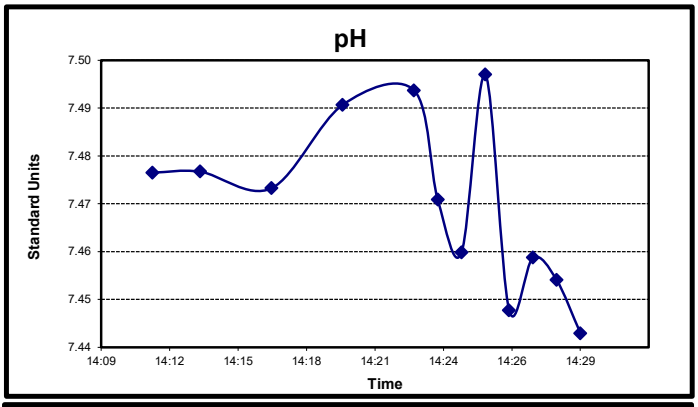
Field duplicate (FD-1) collected.

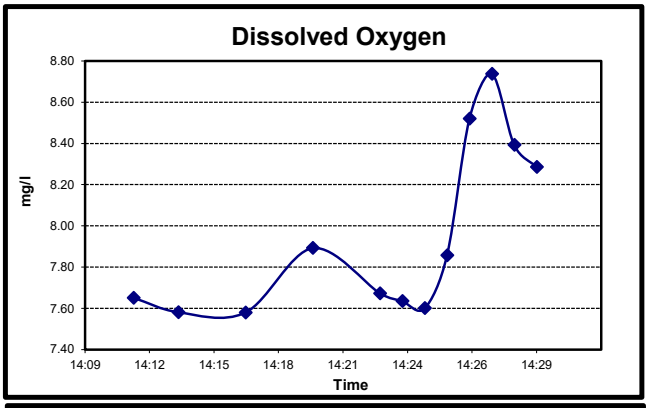
SE Rockford Superfund Site Ground Water Sampling - Field Report

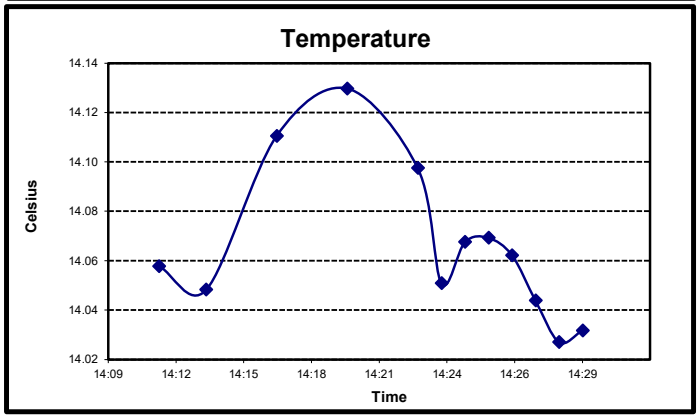
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-201**
Casing Stickup (Ft.)	-0.32	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	11-Nov-21
Total Well Depth (Ft.) TOC	50.15	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	30.22	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	20.25	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

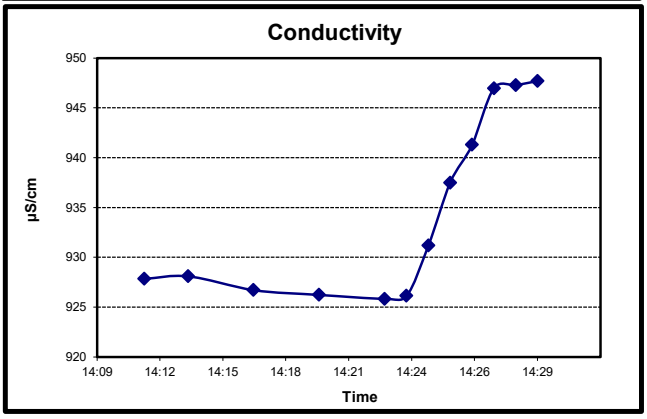
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
14:10									
14:11	7.48	7.65	14.06	314.8	927.84	17	400	30.25	clear
14:13	7.48	7.58	14.05	315.8	928.10		400		
14:16	7.47	7.58	14.11	316.4	926.71		400		
14:19	7.49	7.89	14.13	316.7	926.23		400		
14:22	7.49	7.67	14.10	316.8	925.84		400	30.31	clear
14:23	7.47	7.63	14.05	318.0	926.13		400		
14:24	7.46	7.60	14.07	318.5	931.17		400		
14:25	7.50	7.86	14.07	318.0	937.48		400		
14:26	7.45	8.52	14.06	319.0	941.30		400	30.36	clear
14:27	7.46	8.74	14.04	319.4	946.97		400		
14:28	7.45	8.39	14.03	320.5	947.28		400		
14:29	7.44	8.29	14.03	321.3	947.70		400		
MINUTES							**TOTAL LITERS**		
18.0	-0.02	-5.45%	-0.09%	1.93	0.08%		**7.20**		









Remarks: (well condition, maintenance, etc…)

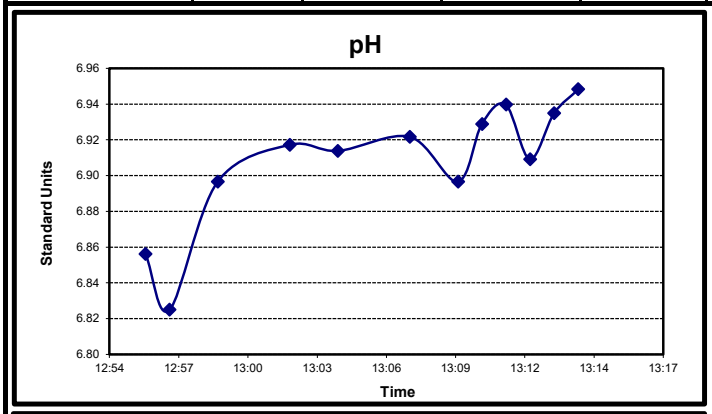
FD-1 = field duplicate for MW-201 collected

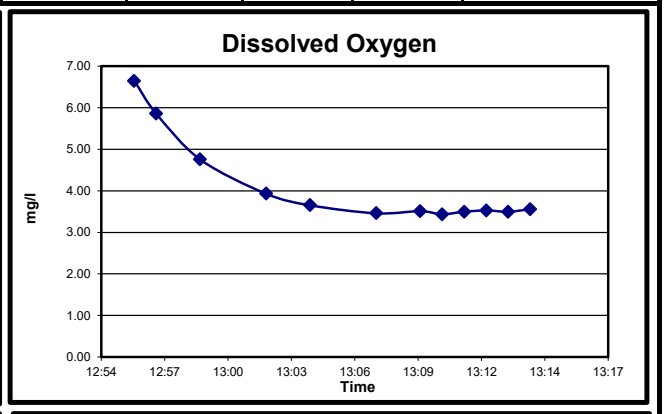
SE Rockford Superfund Site Ground Water Sampling - Field Report

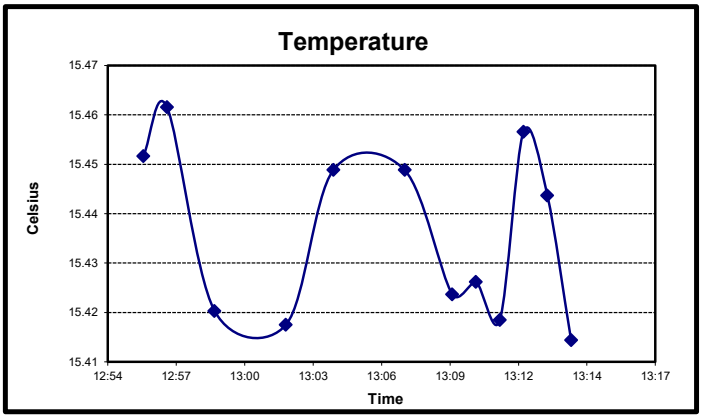
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-202**
Casing Stickup (Ft.)	-0.32	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	07-Nov-21
Total Well Depth (Ft.) TOC	50.01	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	29.24	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	21.09	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL21		

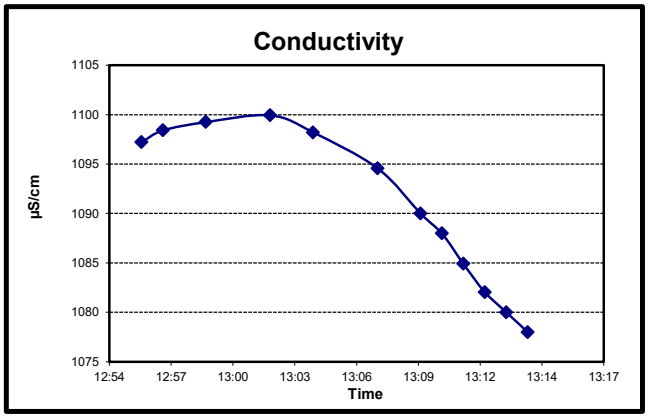
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
12:55									
12:56	6.86	6.64	15.45	117.3	1097.22	37	330		
12:57	6.82	5.86	15.46	115.0	1098.42		330	29.31	slightly cloudy
12:59	6.90	4.76	15.42	105.4	1099.25		330		
13:02	6.92	3.93	15.42	102.7	1099.94		330		
13:04	6.91	3.65	15.45	111.2	1098.21		330		
13:07	6.92	3.46	15.45	119.4	1094.58		330	29.36	clear
13:09	6.90	3.51	15.42	129.2	1090.02		330		
13:10	6.93	3.44	15.43	129.1	1087.98		330		
13:11	6.94	3.50	15.42	129.0	1084.91		330		
13:12	6.91	3.53	15.46	138.5	1082.05		330	29.4	clear
13:13	6.93	3.50	15.44	142.5	1080.01		330		
13:14	6.95	3.56	15.41	139.0	1078.01		330		
MINUTES						**TOTAL LITERS**			
19.0	0.04	0.85%	-0.27%	0.47	-0.38%		**6.27**		









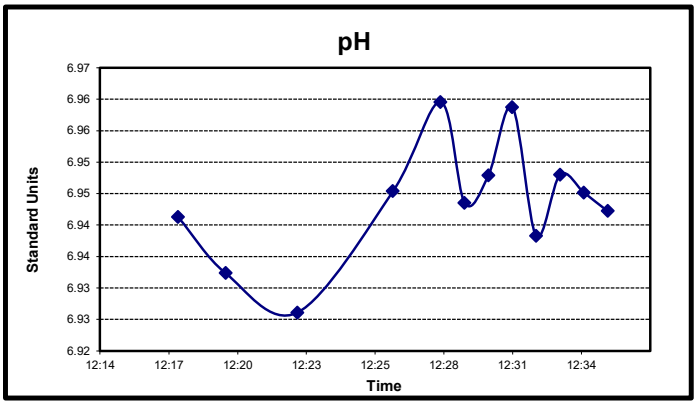
Remarks: (well condition, maintenance, etc…)

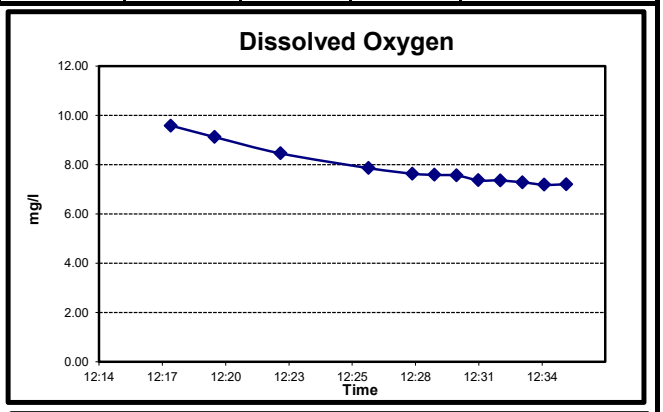
SE Rockford Superfund Site Ground Water Sampling - Field Report

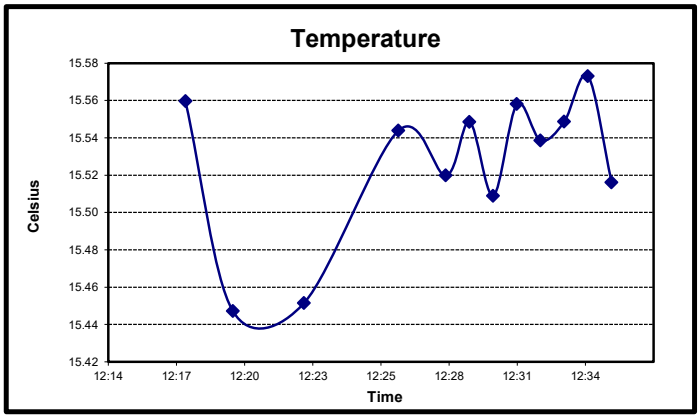
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-203**
Casing Stickup (Ft.)	-0.58	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	07-Nov-21
Total Well Depth (Ft.) TOC	49.35	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	28.8	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	21.13	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

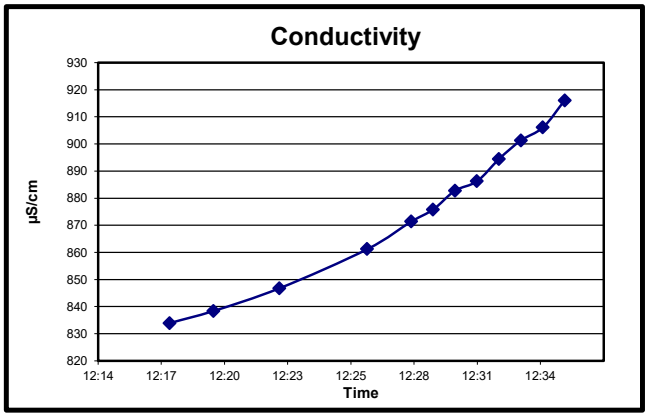
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
12:16									
12:17	6.94	9.58	15.56	192.9	833.92	35	320	28.81	slightly cloudy
12:19	6.93	9.12	15.45	192.4	838.37		320		
12:22	6.93	8.46	15.45	193.8	846.76		320		
12:26	6.95	7.86	15.54	191.9	861.22		320	28.83	clear
12:28	6.96	7.63	15.52	190.9	871.37		320		
12:29	6.94	7.59	15.55	189.9	875.83		320		
12:30	6.95	7.57	15.51	187.6	882.78		320		
12:31	6.96	7.37	15.56	188.0	886.25		320		
12:32	6.94	7.36	15.54	187.2	894.43		320		
12:33	6.95	7.29	15.55	184.4	901.30		320		
12:34	6.95	7.19	15.57	186.5	906.12		320	28.88	clear
12:35	6.94	7.20	15.52	184.5	916.09		320		
MINUTES						**TOTAL LITERS**			
19.0	-0.01	-1.13%	-0.21%	0.05	1.61%		**6.08**		









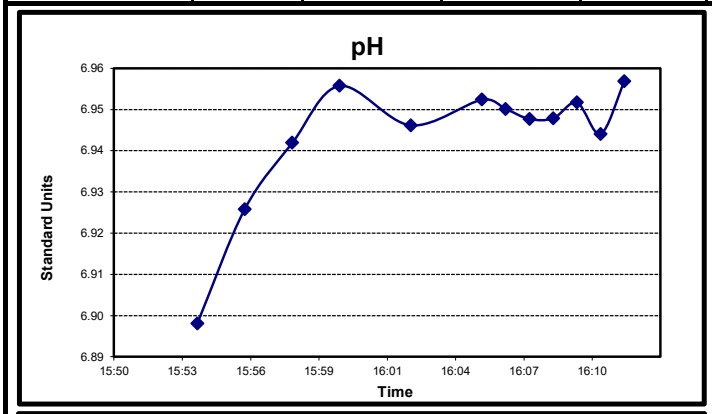
Remarks: (well condition, maintenance, etc…)

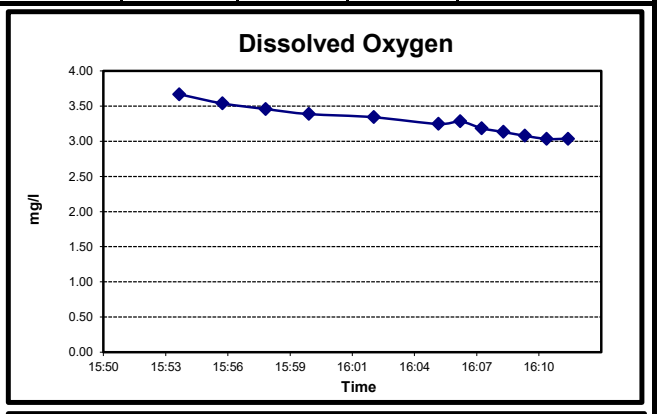
SE Rockford Superfund Site Ground Water Sampling - Field Report

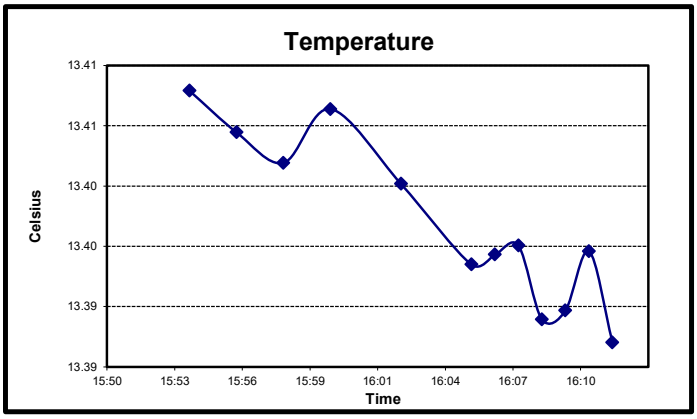
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-204**
Casing Stickup (Ft.)	-0.39	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	07-Nov-21
Total Well Depth (Ft.) TOC	88.96	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	28.07	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	61.28	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

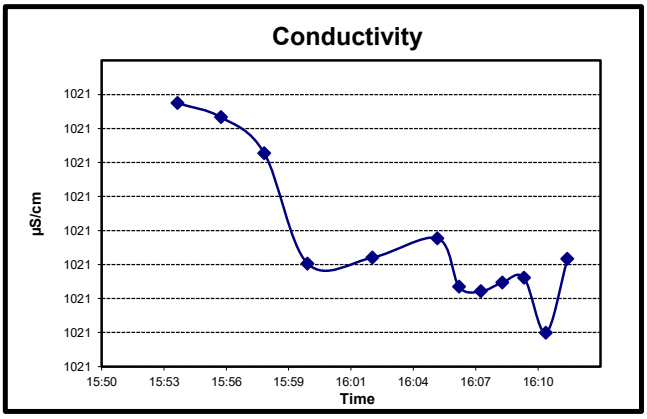
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
15:52									
15:53	6.90	3.67	13.41	165.3	1020.89	81	400	28.13	slightly cloudy
15:55	6.93	3.54	13.40	162.4	1020.87		400		
15:57	6.94	3.46	13.40	162.7	1020.81		400		
15:59	6.96	3.39	13.41	160.9	1020.65		400		
16:02	6.95	3.34	13.40	162.3	1020.66		400	28.18	slightly cloudy
16:05	6.95	3.25	13.39	164.9	1020.69		400		
16:06	6.95	3.28	13.39	164.1	1020.62		400		
16:07	6.95	3.19	13.40	164.3	1020.61		400		
16:08	6.95	3.13	13.39	163.7	1020.62		400		
16:09	6.95	3.08	13.39	164.2	1020.63		400		
16:10	6.94	3.03	13.39	164.5	1020.55		400	28.23	clear
16:11	6.96	3.04	13.39	163.1	1020.66		400		
MINUTES						**TOTAL LITERS**			
19.0	0.01	-1.38%	-0.02%	-1.03	0.00%		**7.60**		









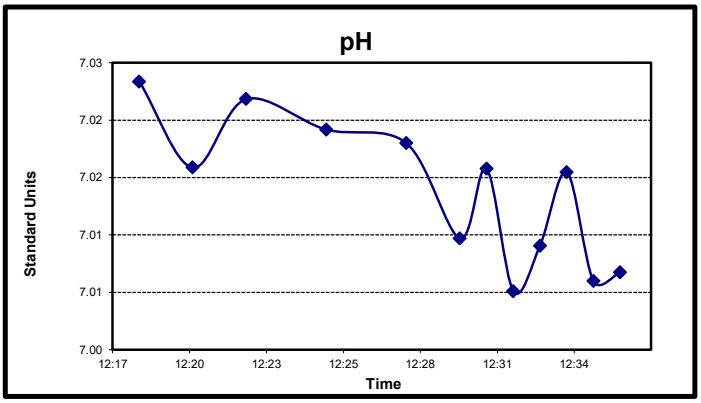
Remarks: (well condition, maintenance, etc…)

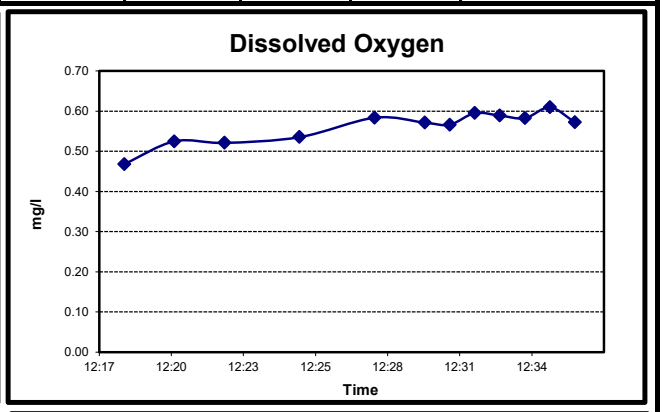
SE Rockford Superfund Site Ground Water Sampling - Field Report

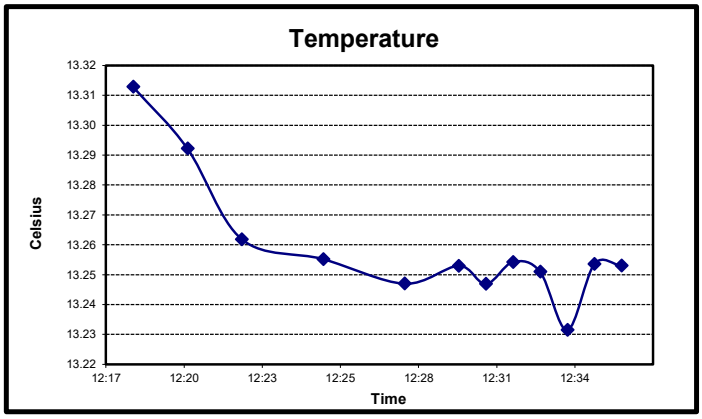
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-205A**
Casing Stickup (Ft.)	3.15	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	10-Nov-21
Total Well Depth (Ft.) TOC	110.27	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	7.02	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	100.10	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

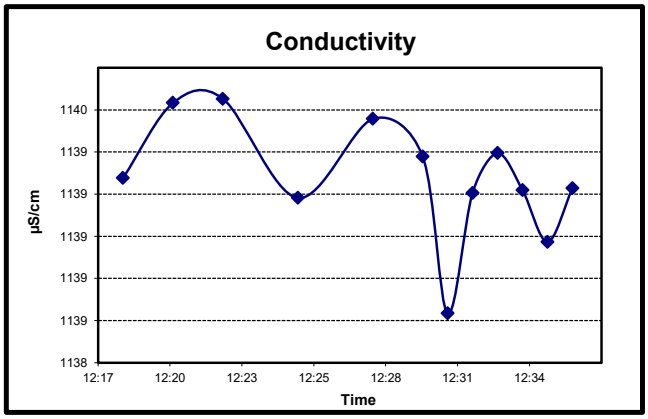
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
12:17									
12:18	7.02	0.47	13.31	265.8	1139.28	19	500	7.02	clear
12:20	7.02	0.52	13.29	265.0	1139.63		500		
12:22	7.02	0.52	13.26	262.8	1139.65		500		
12:25	7.02	0.54	13.26	261.5	1139.18		500		
12:28	7.02	0.58	13.25	260.6	1139.56		500	7.02	clear
12:30	7.01	0.57	13.25	260.2	1139.38		500		
12:31	7.02	0.57	13.25	259.5	1138.63		500		
12:32	7.01	0.60	13.25	259.5	1139.21		500		
12:33	7.01	0.59	13.25	258.7	1139.39		500		
12:34	7.02	0.58	13.23	257.7	1139.22		500		
12:35	7.01	0.61	13.25	258.1	1138.97		500	7.02	clear
12:36	7.01	0.57	13.25	257.9	1139.23		500		
MINUTES						**TOTAL LITERS**			
19.0	-0.01	-1.80%	0.16%	0.18	0.00%		**9.50**		









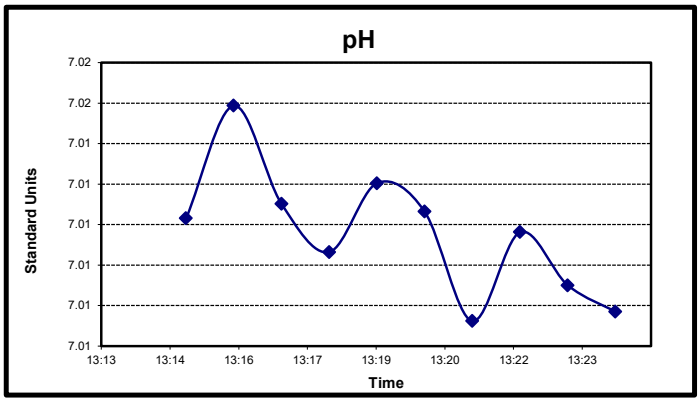
Remarks: (well condition, maintenance, etc…)

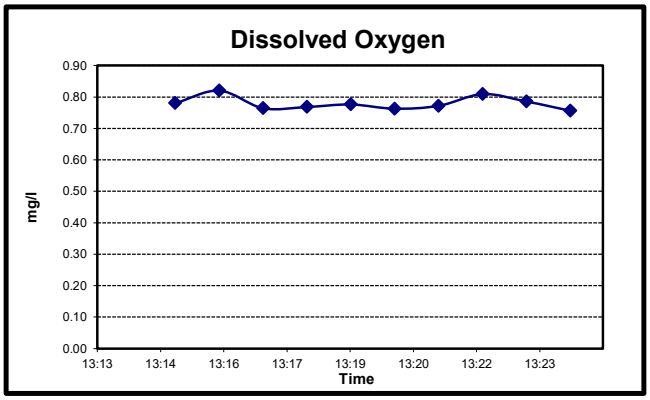
SE Rockford Superfund Site Ground Water Sampling - Field Report

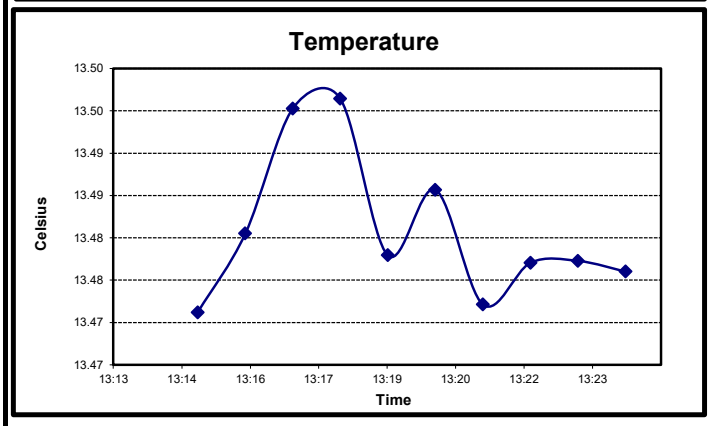
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-205B**
Casing Stickup (Ft.)	3.5	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	10-Nov-21
Total Well Depth (Ft.) TOC	150.05	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	7.13	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	139.42	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

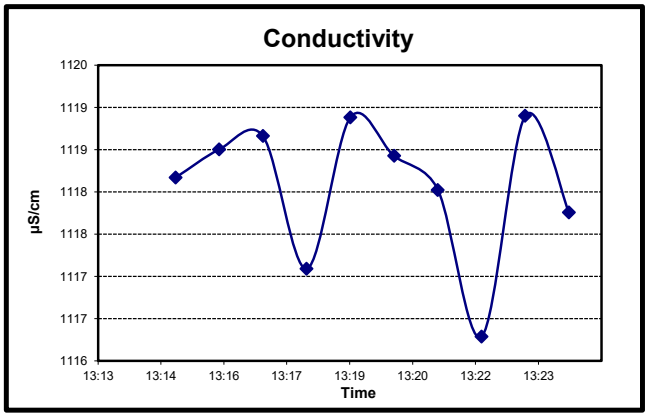
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
13:14									clear
13:15	7.01	0.78	13.47	272.3	1118.17	26	500		
13:16	7.01	0.82	13.48	271.9	1118.50		500		
13:17	7.01	0.76	13.50	271.8	1118.66		500		
13:18	7.01	0.77	13.50	271.5	1117.09		500		
13:19	7.01	0.78	13.48	271.0	1118.88		500		
13:20	7.01	0.76	13.49	270.9	1118.42		500		
13:21	7.01	0.77	13.47	271.0	1118.02		500		
13:22	7.01	0.81	13.48	270.7	1116.29		500		
13:23	7.01	0.79	13.48	271.0	1118.90		500	7.13	
13:24	7.01	0.76	13.48	272.2	1117.76		500		faliure due to memory sto
MINUTES						**TOTAL LITERS**			
10.0	0.00	-7.03%	-0.01%	1.41	0.13%		**5.00**		









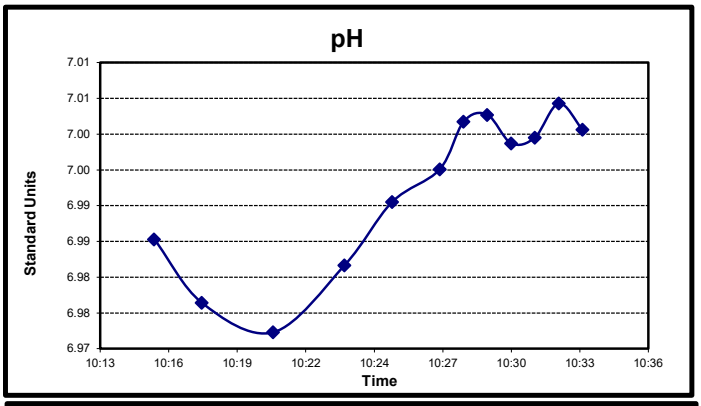
Remarks: (well condition, maintenance, etc…)

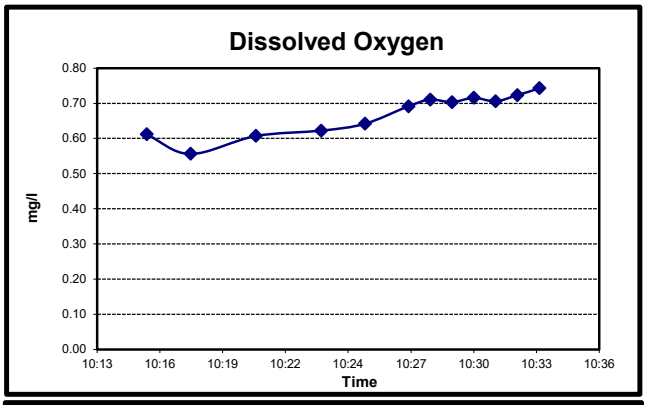
SE Rockford Superfund Site Ground Water Sampling - Field Report

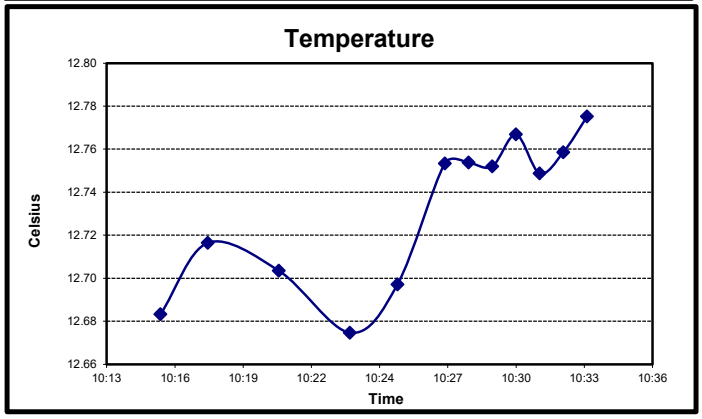
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-206A**
Casing Stickup (Ft.)	3.61	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	10-Nov-21
Total Well Depth (Ft.) TOC	90.24	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	9.84	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	76.79	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

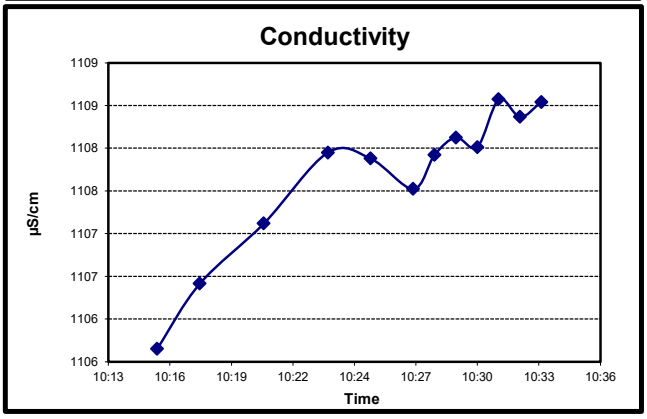
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
10:14									cloudy
10:15	6.99	0.61	12.68	234.0	1105.65	76	500	9.84	
10:17	6.98	0.56	12.72	230.2	1106.41		500		
10:20	6.97	0.61	12.70	226.3	1107.12		500		
10:23	6.98	0.62	12.67	220.4	1107.95		500		
10:25	6.99	0.64	12.70	216.6	1107.88		500	9.85	clear
10:27	7.00	0.69	12.75	212.4	1107.52		500		
10:28	7.00	0.71	12.75	210.6	1107.92		500		
10:29	7.00	0.70	12.75	209.3	1108.13		500	9.88	
10:30	7.00	0.72	12.77	208.7	1108.01		500		
10:31	7.00	0.71	12.75	207.6	1108.57		500		
10:32	7.00	0.72	12.76	207.1	1108.37		500		
10:33	7.00	0.74	12.78	207.0	1108.54		500		
MINUTES						**TOTAL LITERS**			
19.0	0.00	4.99%	0.21%	-0.66	0.00%		**9.50**		









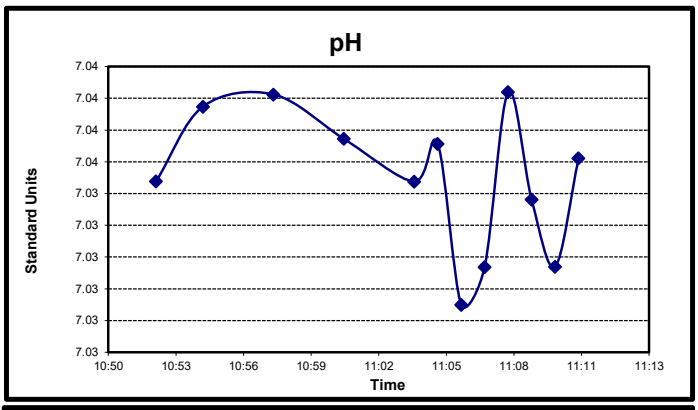
Remarks: (well condition, maintenance, etc…)

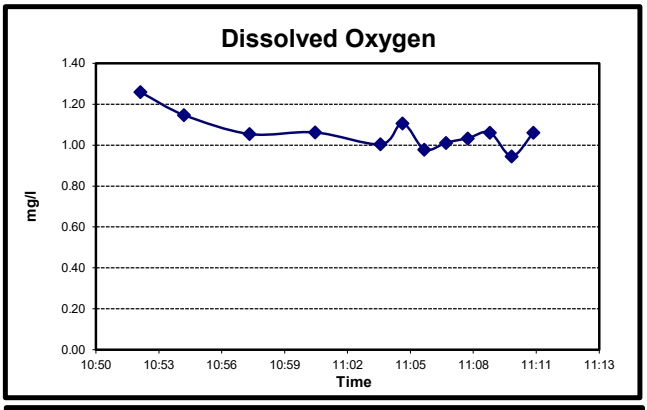
SE Rockford Superfund Site Ground Water Sampling - Field Report

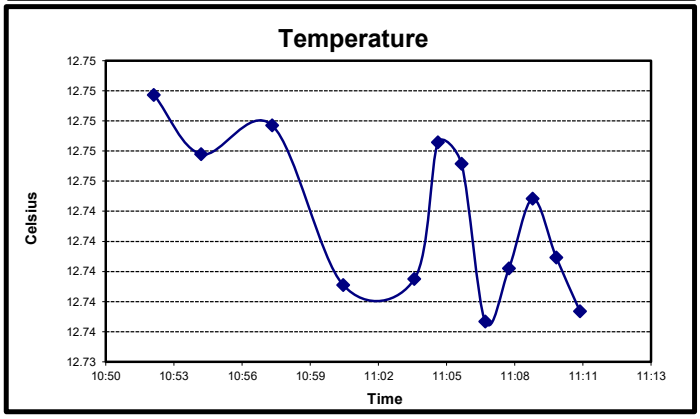
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-206B**
Casing Stickup (Ft.)	3.71	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	10-Nov-21
Total Well Depth (Ft.) TOC	129.94	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	7.48	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	118.75	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

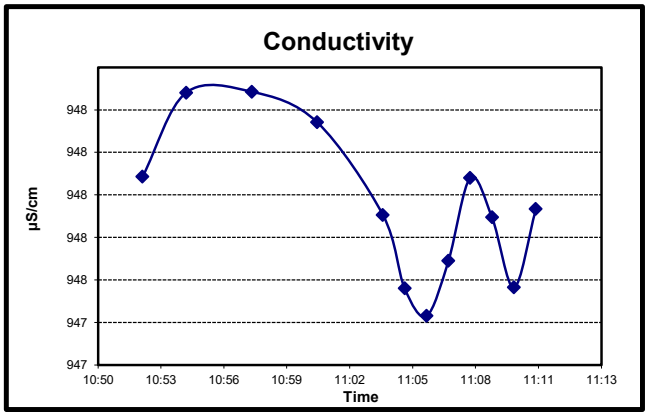
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
10:51									
10:52	7.03	1.26	12.75	242.1	947.74	39	500	7.48	clear
10:54	7.04	1.15	12.75	240.6	947.94		500		
10:57	7.04	1.06	12.75	238.7	947.94		500		
11:00	7.04	1.06	12.74	237.4	947.87		500	7.48	clear
11:03	7.03	1.01	12.74	236.6	947.65		500		
11:04	7.04	1.11	12.75	235.9	947.48		500		
11:05	7.03	0.98	12.75	235.6	947.42		500		
11:06	7.03	1.01	12.74	235.0	947.54		500		
11:07	7.04	1.03	12.74	234.3	947.74		500	7.49	clear
11:08	7.03	1.06	12.74	234.0	947.65		500		
11:09	7.03	0.95	12.74	233.7	947.48		500		
11:10	7.04	1.06	12.74	233.0	947.67		500		
MINUTES							**TOTAL LITERS**		
19.0	0.00	0.00%	-0.06%	-1.02	0.00%		**9.50**		









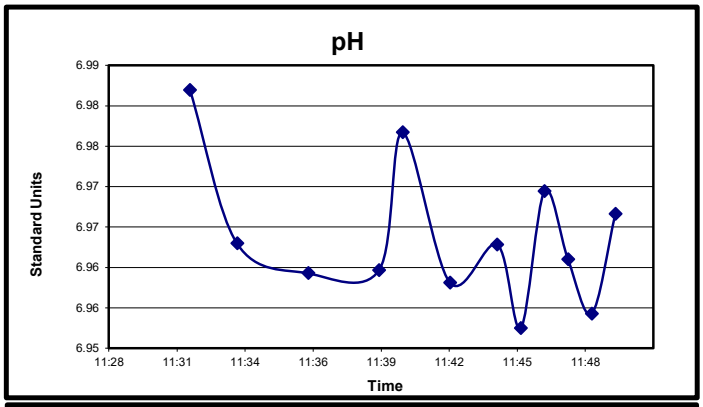
Remarks: (well condition, maintenance, etc…)

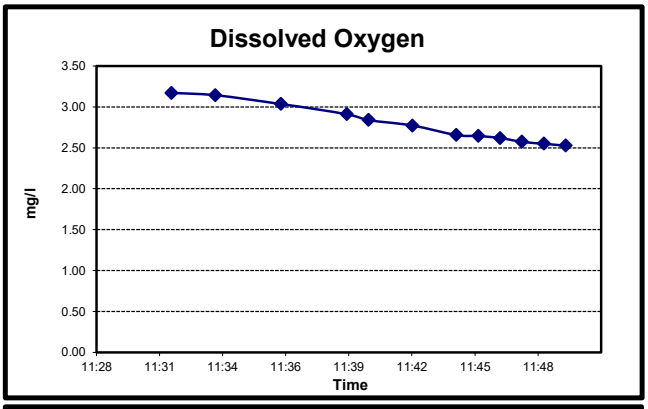
SE Rockford Superfund Site Ground Water Sampling - Field Report

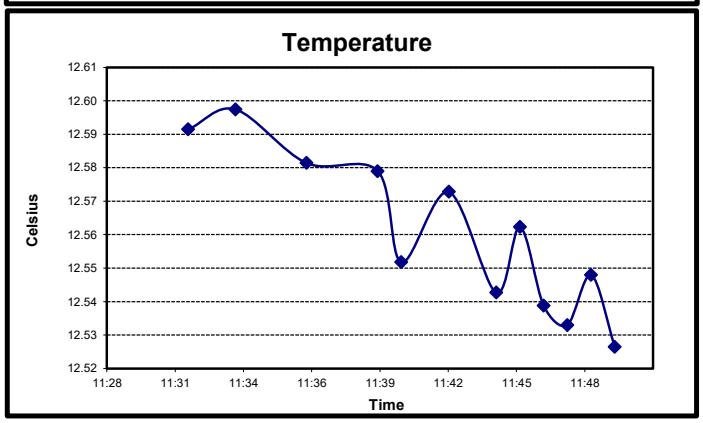
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-206C**
Casing Stickup (Ft.)	4.16	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	10-Nov-21
Total Well Depth (Ft.) TOC	251.31	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	8.08	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	239.07	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

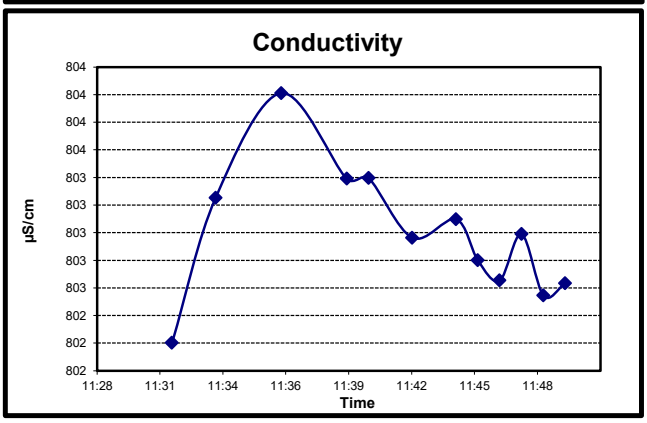
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
11:30									
11:31	6.98	3.17	12.59	90.7	802.20	29	500		
11:33	6.96	3.14	12.60	84.0	803.25		500		
11:36	6.96	3.04	12.58	79.0	804.01		500		
11:39	6.96	2.91	12.58	66.7	803.39		500		
11:40	6.98	2.84	12.55	66.4	803.40		500	8.08	clear
11:42	6.96	2.77	12.57	60.1	802.96		500		
11:44	6.96	2.66	12.54	52.4	803.10		500		
11:45	6.95	2.64	12.56	52.8	802.80		500		
11:46	6.97	2.62	12.54	51.0	802.65		500		
11:47	6.96	2.57	12.53	45.8	802.99		500		
11:48	6.95	2.55	12.55	45.0	802.54		500	8.08	clear
11:49	6.97	2.53	12.53	40.1	802.63		500		
MINUTES						**TOTAL LITERS**			
19.0	0.01	-1.84%	-0.05%	-5.66	-0.04%		**9.50**		







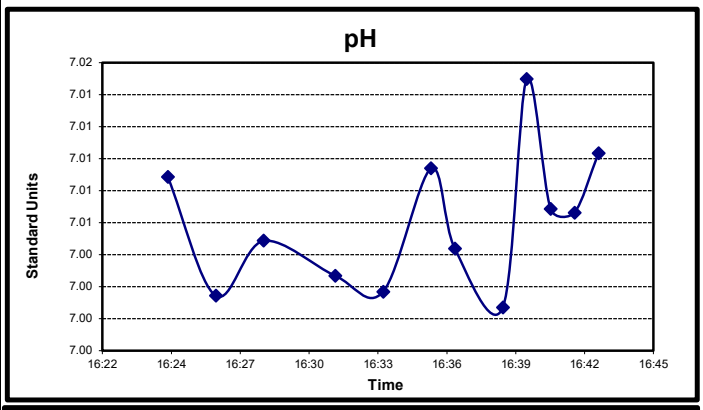


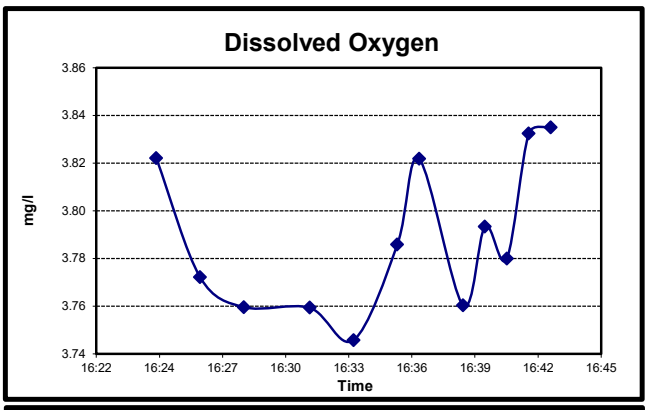
Remarks: (well condition, maintenance, etc…)

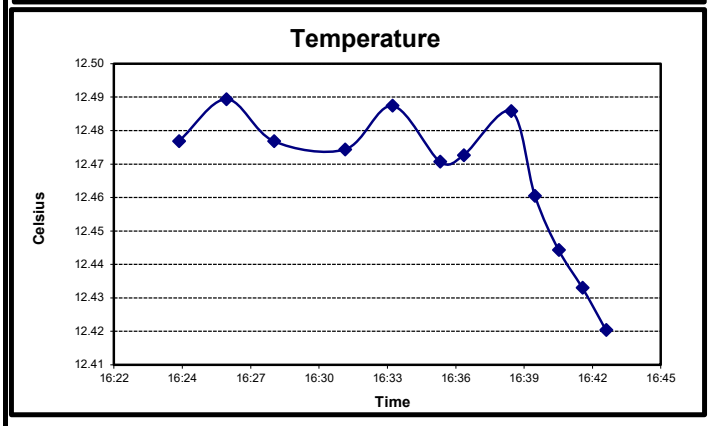
Casing Diameter (inch)	2	**Pump Inlet** (Ft.) TOC	60	**Lab Analysis**	VOCs (SW-846 8260)	Well ID:	**MW-207**
Casing Stickup (Ft.)	-0.3	**Purge Method**	Low Flow Micro Purge	**Container**	40 mL VOA Vial	Sample Date	10-Nov-21
Total Well Depth (Ft.) TOC	90.81	**Purge Equip**	QED Air Diaphragm	**Sample Type**	Grab (Groundwater)	Sampled by:	Patrick Egan
Static Water Level (Ft.) TOC	35.83	**Field Analysis Method**	Flow Thru Analysis - 250 mL	**Preservation**	HCl / Ice	Site Visitors:	None
Water Thickness (Ft.)	55.28	**Field Analysis Equip**	YSI 556 MSP	**Sampling Period**	FALL 21		

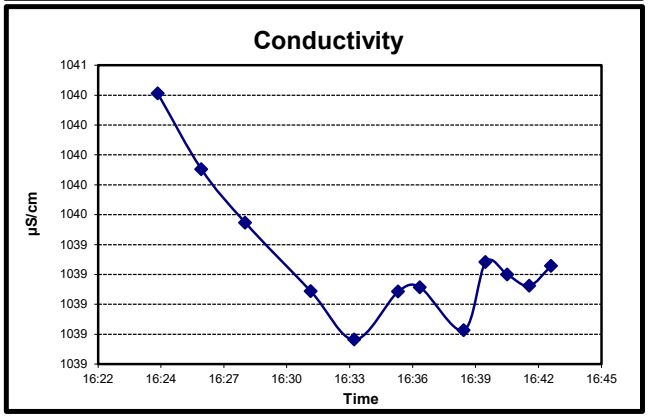
FIELD PURGE MONITORING

Time	pH	DO	Temp	ORP	SpCond	TURB	Flow Rate	Well Level	Annotation
HH:MM	Standard Units	mg/l	°C	mV	µS/cm	NTU	mL/min	(Ft.) TOC	
16:23									
16:24	7.01	3.82	12.48	331.8	1040.41	70	400	35.85	Red cloudy
16:26	7.00	3.77	12.49	331.6	1039.90		400		
16:28	7.00	3.76	12.48	331.0	1039.55		400		
16:31	7.00	3.76	12.47	331.4	1039.09		400	35.92	slightly cloudy
16:33	7.00	3.75	12.49	332.0	1038.76		400		
16:35	7.01	3.79	12.47	332.4	1039.09		400		
16:36	7.00	3.82	12.47	333.1	1039.11		400		
16:38	7.00	3.76	12.49	334.2	1038.83		400		
16:39	7.01	3.79	12.46	334.0	1039.28		400		
16:40	7.01	3.78	12.44	334.9	1039.20		400	35.97	slightly cloudy
16:41	7.01	3.83	12.43	335.4	1039.13		400		
16:42	7.01	3.84	12.42	335.5	1039.26		400		
MINUTES						**TOTAL LITERS**			
19.0	0.00	1.43%	-0.19%	0.59	0.01%		**7.60**		









Remarks: (well condition, maintenance, etc…)

APPENDIX C

Revised Response to USEPA
Comments of July 12, 2021

Southeast Rockford Groundwater Contamination Site (Site)
Revised Response to U.S. EPA Comments of July 12, 2021
Groundwater Monitoring Report – November 2020

The U.S. Environmental Protection Agency (USEPA) issued comments dated July 12, 2021, pertaining to the semi-annual groundwater monitoring report submitted in February 2021 by Nationwide Environmental Services, Inc. (NES), on behalf of the City of Rockford (City), for the groundwater monitoring event conducted at the Southeast Rockford Groundwater Contamination Site (Site) in November 2020. The City and its contractor (NES) reviewed the USEPA comments provided and NES, on behalf of the City, submitted a response to the USEPA comments in correspondence dated July 29, 2021.

Discussions between the City and USEPA followed the response to comments submittal, and a meeting was convened between the USEPA and the City on November 9, 2021 to further clarify groundwater reporting items addressed in the USEPA comments. The City subsequently concurred with the requested changes to the Site groundwater monitoring reporting identified by USEPA and the following presents a revised response to USEPA groundwater reporting comments to include as an Appendix to the consolidated groundwater monitoring report for 2021.

The U.S. EPA comments are presented below using matching numerical designation in the agency correspondence dated July 12, 2021, followed by the response for the respective comment.

1. The site boundaries for SERGCSS are as defined in the 1995 OU2 Record of Decision (ROD). "The study area was later expanded to an area of ten square miles with boundaries that now include Broadway to the north, Sandy Hollow Road to the south, Mulford Road to the east and the Rock River to the west. The original site boundaries and current study area are noted on page 2 (Page 1 of 1995 OU2 ROD)."
Remove the "study area" outline in Figure 1 and legend description and replace with the "site boundary" as defined above. This is a global comment for all future figures involving the boundary of SERGCSS. This is important as other stakeholders, such as Illinois Department of Public Health have recently used these semi-annual groundwater reports to delineate the site; the "study area" is incorrect.

Response: Figure 1 and all report figures (as appropriate) will be revised in accordance with the comment to represent the Southeast Rockford Groundwater Contamination Site (Site) boundary, consistent with expanded Site description in the 1995 OU2 ROD, and remove the study area reference.

2. Although the introduction of this report indicates, "limited data interpretation summary", analytical data results and collected groundwater levels, at a minimum, need to be presented spatially to see distribution across the site and to assess operable unit 2 (OU2) groundwater sitewide conditions (e.g., natural attenuation, groundwater flow direction).

   a. Analytical results should be plotted on a figure or figures with analyte concentration contour lines, as appropriate, so data can be visualized and understood spatially for each event. This is appropriate for total and select individual volatile organic compounds (VOCs) and 1, 4 dioxane results.

   b. Additionally, although the time-series plots show discrete information over time, seeing how the plume changes (using the OU2 monitoring well information) would benefit OU2 sitewide

understanding. EPA is not suggesting that each season or each year be plotted all together but based on evaluation of the trend data or other information (e.g., 1995 and 2012), specific past years could serve as "benchmarks" and warrant visualization along with the current presented data. For example, applying contour lines of screening levels/maximum contaminant levels (MCLs) and other larger incremental values (e.g., 10, 50, 100, 1000 ug/L, etc.), as appropriate, to the data set might provide a more substantive sitewide understanding from a figure than from discrete variability as shown on the plots. The plots are important, but do not provide a full picture of the OU2 sitewide analytical results. Locations where data are absent can have dashed contours in those areas.

c. Groundwater elevation data should be presented as potentiometric maps with flow direction indicated. Areas of uncertainty can be presented as such (dashed lines). Include information on if the municipal wells were pumping during monitoring well sampling events.

Response: The City is amenable to portraying analytical concentration results for VOC and 1,4-dioxane spatially on Site maps showing concentration contour lines for respective analytes for each semi-annual groundwater monitoring event report. Groundwater concentration contour map for Total VOC is provided in the consolidated 2021 groundwater monitoring report as Figure 2.

The City is amendable to presenting groundwater elevation data on Site figures to show groundwater flow and direction across the Site as an element in future groundwater monitoring reporting on a semi-annual basis. Groundwater elevation contour maps are provided in the consolidated 2021 groundwater monitoring report as Figure 4a and 4b.

From Table 3, it appears that groundwater elevations across the site span more than 115 feet (ft) in elevation (685 ft above mean sea level (amsl) – 800 ft amsl). Are wells screened in more than one aquifer, or various hydrogeologic units that would possibly influence preferential flow of contaminants across the site? Groundwater elevations and flow information and assessment should be included in report text.

Response: The groundwater elevation varies by approximately 100 ft across the Site, with the highest point occurring on the east side of the Site at MW-136 and the lowest elevation on the west side of the Site at MW-206C. The Site groundwater elevation generally follows the change in land surface elevation across the Site from, east to west.

The individual wells comprising the Site ground water monitoring network are screened at a single interval, and wells located in well clusters (e.g., MW-206 (A,B,C)) are screened at intervals specific to the respective well depth, based on hydrologic evaluation performed during the Remedial Investigation/Feasibility Study (RI/FS) by others.

The locations and installation details for monitoring wells (35) comprising the groundwater monitoring network at the SERGC site were established in the RI/FS. The well installation information for the 26 existing monitoring wells (e.g., TOC , total depth, screened intervals etc.) installed by others during the remedial investigation phase of the remedy was obtained from available Site historical information. The RD/RA SOW (Appendix C to the CD) identified 9 new monitoring wells to be installed to expand the groundwater monitoring network as an element of the remedial action for OU2.

The Site monitoring well locations and installation specifications were identified in Attachment A to the CD SOW and were selected based on the results of the groundwater investigation studies conducted during the RI/FS phase of the Site remedy, which indicated the need for additional wells

along the western part of the Site to meet the objectives of the RD/RA SOW. Neither the City or its remedial contractor were involved in the determination of well location or well installation criteria (i.e., well depth, screen interval, etc.). The siting information for the 9 additional site monitoring locations is presented in the semi-annual reports, Table 4.

3. Additional types of figures to consider including in the reports to illustrate spatial distribution and trends are as follows. Please note, these screenshots presented below are not peer-reviewed and although the data are from November 2020 report, limited data were used (or from a particular depth range) and are for illustration only.

a. A spatial plot of the trend direction (trend of up, down, or none for the recent past) could help reveal where problem areas are in one graphic. The plot below is of their linear trends as presented in Figure 2; not the recent past trend except for MW 204 and MW-117B.

b. This plot combined with a plot of the magnitude of the most recent total VOC (see below) can further refine where the larger problem areas are in a more spatial way.

Response: The City is amendable to including figures in future Site groundwater monitoring reports presenting concentration trends for the Site monitoring well spatially on figures. Such representation is provided in Figures 2, 3, and 5 of the consolidated 2021 groundwater monitoring report.

4. Please note that the Illinois Section 620 Groundwater Quality Standard for 1,4 dioxane is 7.7 µg/L. However, the state is in the process of promulgating 0.78 mg/L for 1,4 dioxane. 1,4 dioxane data should be screened against the 7.7 µg/L. However, the lower limit should also be considered, particularly when evaluating results that fall between 0.78 µg/L and 7.7 µg/L.

Response: The appropriate table contained in the semi-annual groundwater monitoring report will be revised to highlight 1,4-dioxane results exceeding the existing Illinois Section 620 Groundwater Quality Standard (7.7 ug/L) and pending standard (0.78 ug/L) at such time as it is promulgated. (The table numbering in future groundwater monitoring reports may differ from November 2020 report).

5. A Uniform Federal Policy-Quality Assurance Project Plan (UFP-QAPP) will need to be prepared to include updated information including 1,4 dioxane sampling and analyses, electronic data deliverables to EPA, etc. and should be referenced in the groundwater monitoring reports.

Response: A revised Uniform Federal Policy-Quality Assurance Project Plan rev. 2.0 (UFP-QAPP 2.0) was prepared for the Site and submitted to USEPA in July 2021, addressing 1,4 dioxane sampling and analyses procedures and associated electronic data deliverables. USEPA subsequently issued comments on the revised UFP-QAPP 2.0 document on October 4, 2021. The UFP-QAPP 2.0 is currently being revised to address USEPA comments and will be submitted to USEPA for review and approval upon completion, and the finalized document referenced in future groundwater monitoring reports.

6. Editorial Comment:
   a. Spell out acronyms upon first usage in each report. For example, SPME, GC/MS with SIM, COC, VC, etc.
   b. Well identifiers and chemical names used in the text, tables, and figures should be consistent throughout the document. Inconsistency in terminology could make searching documents and electronic data deliverables difficult. Examples from this report include
   - MW-101A vs MW101A
   - 1,4-dioxane vs. 1,4-Dioxane
   - MW-204 vs. MW 204

Response: Editorial items identified in the above comment (e.g. acronyms, well identifiers, chemical names) will be addressed in future Site groundwater monitoring reports to achieve consistent form and format.

<u>Specific Comments</u>

1. Page 1. Paragraph 5. Graphs in Figure 2 are termed trend graphs, but the trend lines shown on these graphs have not been described and are not mentioned in the report text. There is no description of how the lines were computed (linear regression?), what they represent, or how they should be interpreted. Please include this information in the report text. Figure 2 graphs would more accurately be described as time-series plots.

Response: The groundwater monitoring report text and supporting information provided in figures and tables will be prepared to include a description of the pertinent information presented to assist in interpretation of reporting results.

2. Page 3. Bullet 1. "MW-203 was sampled with a portable low flow sampling pump. The permanent well pump installed in the well has been removed by an unknown party."
   This appears to be a change in sampling procedure from the 2017 QAPP, therefore, additional details pertaining to the use of this pump (e.g. type, size, make, model), decontamination

procedure used, purge rate if different from the QAPP, sampling rate if different from the QAPP, and any other special pump considerations needs to be included in the body of the report as well as Appendix B. There is no mention or indication of the alternate pump mentioned on the Field Report page for MW-203. The same sentence, as quoted above, is included at the beginning of Appendix B, no other details were found about this change from the UFP-QAPP sampling procedure. A "Deviations and Issues" (or similarly named) section should be added to future reports to document and track such changes.

Response: A Deviations and Issues section will be included in future reports to identify and describe any sampling event occurrences which represent a departure from field sampling analytical procedures contained in the Site UFP-QAPP, such as the use of a portable sampling pump in place of dedicated sample pump.

3. Page 3, Paragraph 4. Sentence 2. Revise this paragraph to include the following.

a. Please include a comprehensive list of variability factors, particularly if no evaluation of potential variability causes is conducted. This list could include natural degradation, volatilization, dispersion, dilution, and sorption of the VOCs. Variability could also be caused from episodic inputs of the contaminants of concern (COCs) at source areas rather than a continued relatively constant leaching from source area(s).
b. What groundwater pumping rates are being referred to in this sentence (e.g. pumping during sampling, pumping from nearby private, industrial, or municipal supply wells)?
c. If known pumping wells exist and influencing the monitoring wells, these should be shown on a Figure(s) and their impact discussed (are they actively pumping during sampling, what is the rate, what is the impact, etc.).

Response: No specific information is obtained from separate sources to determine the cause of variability in COC concentrations measured at the Site. The text simply identifies potential factors that may be contributing to such variability based on cursory knowledge of activities occurring in and around the Site (e.g. Source Area 7 remediation). The reference to groundwater pumping rates is not tied to any specific occurrence but is rather just one factor considered that may be occurring at Site source areas or adjacent properties for which no data or information is collected as an element of the Site groundwater monitoring program. The narrative contained in Paragraph 4 will be removed from future reports in that it is only meant as a general observation and not tied to specific known conditions at the Site or impact to groundwater.

4. Page 3. Paragraph 5. Has there been an evaluation of how/if groundwater elevation fluctuations impact COC concentrations? This is a straightforward evaluation that should be included and discussed in the semi-annual monitoring reports.

Response: No evaluation of the effect of groundwater elevations on COC concentrations is performed as part of the routine groundwater monitoring reporting for the Site. As is the case with the previous comment and response, Paragraph 5 and its will be removed from the report in that it is only meant as a general observation and not tied to specific known data or conditions at the Site.

The City is amenable to portraying analytical concentration results for VOC and 1,4-dioxane spatially on Site figures showing concentration contour lines for respective analytes for each semi-annual groundwater monitoring event report, and providing explanation of concentration trends

relative to groundwater elevation for appropriate Monitoring locations (e.g. proximate to Site source areas).

5. Page 4. Text and Tables.

a. Exceedances of MCLs are described in the report text. A table or list in the text that show the MCL values for the COCs would be useful.
b. Highlight concentration values that exceed MCLs in the table below, and similar ones in this section of the report (to be consistent with Table 2a). Include report text (and table notes where applicable) that highlighted values indicate a result exceeds the MCL.

The analytical results for groundwater quality samples collected from well locations proximate to or downgradient from Area 7 which show material increases (>20%) in COC concentrations from the previous monitoring event are summarized below.

Monitoring Location	Compound	Current Conc. (ug/L)	Prior Conc. (ug/L)
MW 101A	1,1,1-TCA	91.4	23.7
	1,1-DCA	43.7	19.6
	1,1-DCE	8.4	2.2
	CFM	2.9	0.53
	cis-1,2-DCE	26.1	4.5
	PCE	6.6	1.4
	trans-1,2-DCE	1.8	0.65
	TCE	11.4	2.5

Response: The tables contained in the report presenting changes in concentrations from the prior sample event will be revised to include MCL values for the respective compounds and analytical results exceeding the respective MCL will be highlighted in the text. The report text will be revised to address compound concentrations exceeding MCLs in the tables for each source area.

6. Figure 1.
a. Change the study boundary as described in General Comment #1.
b. Indicate the reference for the yellow plume, instead of "circa 1995". There is also a 2012 sitewide plume evaluation (included source areas data). Figure 1 Site Map could include the "baseline" 1995 OU2 plume and the 2012 sitewide plume. Does NES have a more recent plume extent than 2012 they could also include? Note, there will be a 2021 sitewide plume evaluation inclusive of source areas data.
c. Also, what does the yellow inside the plume indicate? Total VOC concentrations greater than …? Or Total VOC concentration detections vs non detects. Please specify.

Response: Figure 1 will be revised to show the updated site study boundary, consistent with the 1995 OU2 ROD. The VOC plume representation is for VOC concentrations detects, circa 1995.

7. Figure 2. As mentioned in Specific Comment #2, there is no description in the report text what the dashed lines on the graphs in Figure 2 represent or how they were determined, this information needs to be included in the text and also in the figure legend. Consider the following in evaluation of the data over time:
a. LOWESS (locally weighted scatterplot smooth): In several cases, the dashed lines don't represent the trend of the data all that well (poorly correlated linear trend, if regression?). A couple noted examples are MW-102C and MW-203 where there is greater variability in the data over time than in some other monitoring wells; and MW-204, MW-117B, and MW-124 that show an overall decreasing trend, but the last several years have shown a substantial increase in total VOCs. The data variability would be captured better in a LOWESS curve than a linear regression line while still providing a general trend that could be examined more closely over shorter segments (e.g.,

particularly over the last few years). The trend over the last 2-3 years set in a context of the trend over the historical period would be more indicative of the progress toward managing the cleanup of this Site than the overall linear trend from 1993 – present.

b. Trend Test: Consider using Mann-Kendall, Sen's, or similar trend analysis to evaluate trends over time as stable, decreasing, or increasing.

Response: A description of the data interpretations represented by the concentration data graphs will be included in future reports. The concentration graphs presented in Figure 2 of the semi-annual groundwater monitoring report are simple linear regression interpretations of entered data to assist in quick visual assessment of VOC concentrations over time, the function for which is applied in the Microsoft Xcel program.

Statistical analysis of Site groundwater data will be performed using Mann-Kendall technique and future groundwater monitoring reports revised to include concentration data trend interpretation over time.

8. Tables 3 and 4.

a. Top of casing (TOC) well depth is not the same for MW-16, MW-47, MW-101A, MW-102A, MW-102B, MW-102C, MW-114A, MW-114B, MW-117D, MW-201, MW-205A, MW-205B, and MW-206C in the two tables. It is noted that the TOC well depth is from field reports on Table 4, but shouldn't it match the values in Table 3? The values of total depth below ground surface (bgs) and TOC should be verified on both tables.

b. According to Table 4, wells MW-117C and MW 204 are completed more than 1-foot bgs. This depth interval seems large and should be verified particularly in wells that are 0.5 feet or greater below the land surface (e.g., MW-113A, MW-136, MW-203, MW-206B, MW-206C).

c. When subtracting the water level in Table 3 from the TOC elevation in Table 4 several water levels are different than what is reported in Table 3. These values should be verified. The assumption was made (because it was not documented in the report) that the water level reported in Table 3 references TOC. Note, these discrepancies appear to coincide with wells that were footnoted in Table 4 as having been adjusted to reflect a 2017 survey. Please revise or include document discrepancies/changes as appropriate (see table below).

d. Wells MW-102B and MW-102C have location coordinates that are integer numbers (no digits to the right of the decimal). It seems to be unusual for surveyed data to be integer values. These coordinates should be verified and corrected as appropriate.

Response: Table 3 contains relic information that was not updated to incorporate monitoring well resurvey information performed in 2017. The actual monitoring well siting data (e.g., locations, TOC elevations, well depth, etc.) is contained in Table 4. Table 3 will be removed from, future groundwater monitoring reports and replaced with Table 4.