

**SECOND QUARTER 2022 SEMI-ANNUAL PERFORMANCE GROUNDWATER
MONITORING REPORT**

**FORMER HOUGHLAND TOMATO CANNERY
1130 EASTVIEW DRIVE
FRANKLIN, INDIANA
IDEM STATE CLEANUP SITE #2013-034567
PATRIOT PROJECT NO. 21-1359-01E**

Submitted to:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Office of Land Quality, State Cleanup Program
100 N. Senate Ave., IGCN, Room 1101
Indianapolis, IN 46204-2251
Attn: Mr. Tim Johnson

Submitted for:

RROBERT CLAWSON dba HURRICANE ROAD INDUSTRIAL DEVELOPMENT
c/o Kroger Gardis & Regas LLP
111 Monument Circle, Suite 900
Indianapolis, Indiana 46204
Attention: Mr. Greg Cafouros

Submitted by:

PATRIOT ENGINEERING AND ENVIRONMENTAL INC.
6150 E. 75th Street
Indianapolis, Indiana 46250

SEPTEMBER 13, 2022

September 13, 2022

State Cleanup Section
Indiana Department of Environmental Management
100 N. Senate Avenue, IGCN Room 1101
Indianapolis, Indiana 46204-2251
Attention: Mr. Tim Johnson

Re: Second Quarter 2022 Semi-Annual Performance Groundwater Monitoring Report
Former Houghland Canning Property
1130 Eastview Drive, Franklin, Indiana
IDEM State Cleanup Site #2013-034567
Patriot Project No. 21-1359-01E

Dear Mr. Johnson:

On behalf of Kroger Gardis & Regas, LLP and Robert Clawson dba Hurricane Road Industrial Development, Patriot Engineering & Environmental, Inc. has prepared this report for the Second Quarter 2022 (2Q2022) groundwater monitoring event performed at the former Houghland Tomato Cannery property located at 1135 Eastview Drive in Franklin, Indiana. The 2Q2022 sampling event is the second post-remediation performance monitoring event performed at the Site and is the semi-annual sampling event. This report documents the groundwater sampling activities and presents our findings. .

Please contact Mike Casper at mcasper@patrioteng.com or 317 576-8058 if you have any questions or comments regarding this report or require any additional information.

Sincerely,

Patriot Engineering and Environmental, Inc.



James J. Cody
Project Manager
Environmental Division



Michael F. Casper, LPG
Principal
Chief Environmental Consultant

cc: Greg Cafouros, Kroger Gardis & Regas, LLP

Attachments

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SECOND QUARTER 2022 SEMI-ANNUAL PERFORMANCE GROUNDWATER MONITORING REPORT

**FORMER HOUGHLAND TOMATO CANNERY
1130 EASTVIEW DRIVE
FRANKLIN, INDIANA
IDEM STATE CLEANUP SITE #2013-034567
PATRIOT PROJECT NO. 21-1359-01E**

1.0 INTRODUCTION

On behalf of Kroger Gardis & Regas LLP and Robert Clawson dba Hurricane Road Industrial Development (HRID), Patriot Engineering and Environmental, Inc. (Patriot) is pleased to submit this Second Quarter 2022 (2Q2022) Semi-Annual Performance Groundwater Monitoring Report for the former Houghland Tomato Cannery (Houghland) property located at 1130 Eastview Drive in Franklin, Indiana (“the Site” or “HRID Property”). The 2Q2022 event is the second on-Site post-injection performance monitoring event and is also the semi-annual groundwater monitoring event. The groundwater monitoring work was performed in accordance with the Indiana Department of Environmental Management (IDEM)-approved *Remediation Work Plan* (RWP) for the Site. This report documents the groundwater sampling activities and presents our findings and conclusions for the Site.

2.0 SITE IDENTIFICATION

The Site is located at 1130 Eastview Drive on the northeast side of Franklin, Johnson County, Indiana as shown on the Site Location Map included as Figure 1 in Appendix A. The layout of the Site is depicted on Figure 2 in Appendix A.

3.0 BACKGROUND

3.1 Project Site Description

The Site is a portion of the former Houghland property, a former tomato canning operation that was subsequently divided into two properties. Mr. Robert Clawson, doing business as HRID, owns the eastern portion of the former Houghland property at 1130 Eastview Drive. Mr. Clawson leases the buildings on the property to various commercial tenants. The HRID Property includes six buildings, including two along the west portion of the

northern property boundary, two in the south-central part of the site, and two unoccupied structures in the central part of the site. The area around the buildings is concrete paved and most of the remainder of the western portion of the Site is grass and/or gravel covered. A large, wooded area comprises the northeastern part of the Site.

3.2 Contaminants of Concern

No significant quantities of hazardous materials have been used or stored at the Site by HRID and no records were available detailing the use of hazardous materials by previous owners of the Site. It is not known whether the soil and groundwater impacts discovered at the Site are the results of historic commercial/industrial activities at the HRID Property, or unknown and illegal dumping of waste materials on the HRID Property or properties to the west of the Site.

The Site has been the subject of environmental investigation activities from 2013 through 2021. The previous investigations performed at the Site have revealed the presence of chlorinated volatile organic compounds (cVOCs) in both soil and groundwater. The specific chemicals of concern (COCs) at the Site include tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (cDCE), trans-1,2-dichloroethene (tDCE), and vinyl chloride (VC).

Shallow and deep-zone groundwater PCE impacts are limited to the western part of the Site; however, shallow-zone TCE impacts extend off-Site to the east approximately 500 feet beyond the eastern property line and onto the adjoining agricultural land owned by the Kasting Family Limited Partnership ("Kasting"). In addition, deep and intermediate-zone TCE and cDCE impacts extend off-Site to the east-northeast approximately 1,700 feet onto the Kasting property, with the direction of COC migration believed to be historically controlled by a former municipal water supply well field located on the northeast portion of the Kasting property and the topography of the clay confining layer beneath the Kasting property.

3.3 Remediation Activities

Groundwater remediation activities were performed on the Site between September 14 and November 17, 2021. The on-Site remediation included the injection of S-MicroZVI™ zero-valent iron, 3D MicroEmulsion (3DMe), and BioDechlor INNOCULUM Plus (BDI

Plus) enhanced reductive dechlorination (ERD) products in a series of five permeable reactive barriers (PRBs) and the injection of PlumeStop® Liquid Activated Carbon™ (PlumeStop) and S-MicroZVI™ zero-valent iron in a PRB along the northeastern and eastern property boundaries. All the injected products are manufactured by Regenesi Bioremediation Products, Inc. (Regenesi).

Off-Site groundwater remediation on the Kasting property was performed between February 22 and April 26, 2022 and involved the injection of S-MicroZVI™ zero-valent iron, 3DMe, BDI Plus ERD products in a series of eleven PRBs.

4.0 SECOND QUARTER 2022 POST-INJECTION GROUNDWATER MONITORING

The 2Q2022 groundwater monitoring was the second post-injection quarterly performance groundwater monitoring event following completion of the remediation at the HRID Property. In accordance with the RWP and IDEM's August 5, 2021 *Further Site Investigation 4, Remediation Work Plan Review* letter, the quarterly sampling events for the HRID Property remediation include the following monitoring wells:

- MW-11, 12, 12D, 14, 14D, 15, 15D, 22, 22D, 23, 24, 26, 29, 29D, 30, 32, 33, 33D, 36, 37, 39, 40, 41, 41D, 42, 42D, 43, 43D, and 46I (29 wells)

Since this was the semi-annual sampling event, the following wells were also sampled:

- MW-25, MW-31, and MW-40D (32 wells total)

The future annual groundwater monitoring events will include all quarterly and semi-annual wells plus the following wells:

- Annually: MW-10, 11D, 13, 16, 17, 18, 19, 20, 21, 27, 28, 34, 34D, 35, 35D, 36D, 37D, 38, 38D, 39D, 44, 44D, 45, 45D, 46, 46D, 47, 47I, 47D, 48, 48D, 49, 49D (65 wells total)

The post-injection quarterly performance groundwater monitoring events for the Kasting property will commence in the 4Q2022.

4.1 Monitoring Well Sampling

Patriot mobilized to the Project Site on June 6 through June 9, 2022, to collect groundwater samples from the 32 semi-annual monitoring wells for the HRID Property remediation. The well construction details are provided in Table 1 in Appendix B. Prior to sampling, the water levels in the accessible monitoring wells were gauged using an electronic water level meter. The depth to groundwater and total well depth from the surveyed top-of-casing was measured to the nearest 0.1 foot at each well. The water level probe and tape were decontaminated with a non-phosphate detergent wash and distilled water rinses after use at each well to prevent cross contamination. The depth to groundwater measurements were recorded in a field log and used to calculate groundwater elevations to evaluate groundwater flow conditions at the Project Site.

Groundwater sampling was conducted using low flow procedures in accordance with the low-flow sampling method outlined in the IDEM Micro-Purge Sampling Option Technical Guidance Document (June 3, 1998, revised November 3, 2009). Low flow sampling causes minimal drawdown of the water level within the well thus limiting the volatilization of VOCs or the introduction of sediment into the sample. To conduct the low flow sampling, Patriot placed a small diameter, submersible pump into the well fitted with dedicated tubing that reached above the ground surface. The well was pumped at a rate ranging between 50 to 200 milliliters per minute (ml/min), and the static water level within the well was monitored to ensure that drawdown was limited to 0.1 meter or less.

The groundwater removed from the well was pumped through a flow-through cell equipped with a water quality meter that measured water temperature, pH, specific conductivity, oxidation-reduction potential (ORP), turbidity and dissolved oxygen (DO). Stabilization of these water quality parameters (e.g., consecutive readings within 10 percent of the previous reading) indicate that the water being withdrawn from the well was representative of the actual groundwater conditions and the groundwater sample can be collected. The groundwater samples were collected by disconnecting the discharge tubing from the flow-through cell and filling 40 milliliter (ml) glass vials with Teflon-lined septa directly from the discharge tubing. The groundwater sampling activities including the field measurements specified above were recorded and documented on field sampling forms that are included in Appendix C. The sample containers were labeled, placed on ice in a cooler, and delivered to Pace Analytical Services, Inc. (Pace) using chain of custody controls. The samples were analyzed for VOCs using U.S. EPA SW-

846 Method 8260. The sampling purge water was placed in sealed 55-gallon drums and stored on-site pending characterization and disposal.

Quality Assurance/Quality Control (QA/QC) procedures included the collection and analysis of duplicate groundwater samples from monitoring wells MW-37 (DUP A) and MW-33D (DUP B), two matrix spike/matrix spike duplicate (MS/MSD samples from monitoring wells MW-22 and MW-30, and one trip blank per cooler of samples delivered to the laboratory. The QA/QC samples were also analyzed for VOCs using U.S. EPA SW-846 Method 8260.

4.2 Groundwater Flow Data

Groundwater elevation data from the 2Q2022 groundwater sampling event and from previous groundwater sampling events are provided in Table 2 in Appendix B. The shallow and deep groundwater elevations and resulting groundwater elevation contours from the 2Q2022 gauging were plotted on groundwater potentiometric surface maps. The shallow and deep potentiometric surface maps are provided as Figures 3 and 4, respectively, in Appendix A.

The shallow groundwater flow direction on the HRID Property is generally southerly on the northwestern and north-central portions of the Site changing to easterly on the southern half of the Site and onto the Kasting property. The deep groundwater flow direction is similar to the shallow groundwater flow direction. Evaluation of the shallow and corresponding deeper groundwater elevation data indicates that there is no significant upward or downward gradient between the upper and lower portions of the unconfined aquifer.

4.3 Groundwater Field Screening Results

As described above, the groundwater samples were monitored in the field for various physical parameters. Decreases in ORP and DO between the pre-injection samples and the post-injection samples are indicative of increasingly anaerobic groundwater conditions, which are necessary for effective reductive dechlorination. The target value for ORP is <0.0 millivolts (mV) and the target value for DO is <1.0 milligram per liter (mg/L). The pH, ORP, and DO measurements from the pre-injection sampling event and the post-injection sampling events are shown on Table 3 in Appendix B.

Of the 29 quarterly monitoring wells sampled in the 2Q2022, ORP decreased from the pre-injection conditions samples in samples from 25 wells and increased in samples from four wells. ORP values of <0.0 mV were encountered in samples from 18 of the monitoring wells. DO concentrations decreased from the pre-injection conditions in samples from 24 wells, increased in samples from two wells, and had no significant change in samples from three wells. It should be noted that the three wells with no significant changes had DO concentrations of 0.03 mg/L or less. DO concentrations of <1.0 mg/L were encountered in samples from 25 of the wells and samples from 21 of these wells also had DO concentrations of 0.10 mg/L or less.

The decreasing ORP measurements and DO concentrations, as well as the very low DO concentrations in the majority of the monitoring wells, indicate that the remedial injections are effectively altering the groundwater conditions at the HRID Property to support reductive dechlorination.

4.4 Groundwater Analytical Results

The 2Q2022 VOC analytical results were compared to the IDEM Remediation Guide (RCG) Residential Tap Water Screening Levels (TWSLs) and the RCG Residential and Commercial/Industrial Vapor Intrusion from Groundwater Screening Levels (VIGWSLs), where established. The groundwater analytical results from the 2Q2022 and 1Q2022 sampling events and the corresponding RCG Screening Levels are summarized on Table 4 in Appendix B and a copy of the laboratory groundwater analytical report is included in Appendix D. Table 4 also contains the corresponding analytical results from the two most recent sampling events prior to the groundwater remediation injections so that post-injection increasing or decreasing trends can be observed. The compiled groundwater analytical data for all investigations conducted at the Project Site by Patriot are summarized on Table 5 in Appendix C. The shallow and intermediate/deep groundwater analytical results from the 2Q2022 investigation are depicted on Figures 5 and 6, respectively, in Appendix A.

PCE was detected in samples from 13 of the 2Q2022 wells as compared to samples from 16 samples of the pre-injection wells. Analysis of the samples from the 2Q2022 monitoring event revealed decreased PCE concentrations in samples from seven wells (with three wells reduced to non-detectable), increased PCE concentrations in samples

from five wells, and no significant PCE concentration changes in samples from four of the wells. The remaining wells did not contain detectable concentrations of PCE.

TCE was detected in samples from 21 of the 2Q2022 wells as compared to samples from 26 of the pre-injection wells. TCE concentrations decreased in samples from 13 wells (with five wells reduced to non-detectable), increased in samples from eight wells, and had no significant change in samples from five wells

cDCE was detected in samples from 19 of the 2Q2022 wells as compared to samples from 11 of the pre-injection wells. cDCE concentrations decreased in samples from four of the wells, increased in samples from 14 of the wells, and no had no significant change in samples from three wells.

tDCE was detected in samples from five of the 2Q2022 wells as compared to samples from four of the pre-injection wells. tDCE concentrations decreased in samples from three wells (with two wells reduced to non-detectable), increased in samples from two wells, and had no significant change in samples from two wells. .

VC was detected in samples from nine of the 2Q2022 wells as compared to samples from three of the pre-injection wells. VC concentrations increased in samples from eight wells and had no significant change in samples from one well.

4.5 Evaluation of PRB Effectiveness

The overall reduction in PCE and TCE concentrations and the increase in cDCE and VC concentrations indicate that reductive chlorination of PCE and TCE to daughter products is occurring. A summary of the 2Q2022 COC concentration trends by PRB is provided below.

PlumeStop PRB

MW-12 – No significant TCE concentration change, no PCE, cDCE , or VC

MW-12D – No COCs detected in pre- or post-injection samples

MW-14 – No COCs detected in pre- or post-injection samples

MW-14D – TCE trending downward, cDCE trending upward, no PCE or VC

MW-15 – No significant TCE concentration change, no PCE, cDCE, or VC

MW-15D – cDCE trending strongly downward, no PCE, TCE or VC, tDCE reduced to non-detectable

MW-43 – No COCs detected in pre- or post-injection samples

MW-43D – TCE and cDCE reduced to non-detectable, no PCE or VC

PRB 1

MW-24 – No significant PCE concentration change, TCE trending downward, cDCE trending upward, no VC

MW-36 - PCE and TCE trending upward, no cDCE or VC

MW-37 – PCE and TCE trending upward, no cDCE or VC

PRB 2

MW-11 – PCE and TCE trending downward, cDCE trending strongly upward, no VC

MW-23 – PCE and TCE reduced to non-detectable, cDCE and VC strongly upward

MW-30 – PCE and TCE trending downward, cDCE and VC trending strongly upward in 1Q2022 and reducing in 2Q2022

PRB 3

MW-26 – PCE and TCE trending downward, cDCE and VC trending strongly upward in 1Q2022 and reducing in 2Q2022

MW-32 (deep) – PCE, TCE and cDCE trending upward, no VC

MW-39 – PCE and TCE trending upward, VC stable, no cDCE

PRB 4

MW-22 – PCE and TCE trending downward, cDCE and VC trending upward

MW-22D – PCE stable, TCE, cDCE and VC trending upward

MW-33 – PCE and TCE are stable, cDCE and VC trending upward

MW-33D – PCE, DCE and cDCE trending upward, no VC

PRB 5

MW-29 – PCE and TCE reduced to non-detectable, cDCE trending upward, no VC

MW-29D – No significant trends for PCE, TCE, and cDCE, no VC

MW-40 – TCE trending upward, cDCE and tDCE trending downward, no PCE or VC

MW-41 – TCE trending downward, cDCE and VC trending upward, no PCE

MW-41D – TCE reduced to non-detectable, cDCE and VC trending upward, no PCE

Other Wells

MW-36 – PCE and TCE trending upward, no cDCE or VC

MW-42 – TCE trending downward, no PCE, cDCE or VC

MW-42D – TCE trending upward, no significant trends for cDCE, no PCE or VC

MW-46I – No significant trends for TCE and cDCE, no PCE or VC

5.0 CONCLUSIONS

Based on the findings of the 2Q2022 groundwater monitoring event, the following conclusions are drawn:

- The PlumeStop PRB is reducing the TCE concentrations at the downgradient boundary of the HRID Property in both shallow and deep groundwater. Shallow wells MW-12 and MW-15 had a reduction in TCE concentrations during the 1Q2022 sampling event, but the TCE concentrations rebounded in both wells in 2Q2022. Future groundwater monitoring will document whether COC reduction is occurring at these locations. The decreasing TCE concentrations in wells MW-14D and MW-43D, and the increasing cDCE concentrations in MW-14D are evidence that reductive dechlorination is occurring.
- PRB-1 is reducing the TCE concentrations at MW-24, which is located adjacent to the PRB, but has not had a noticeable effect on the COC concentrations at MW-36 and MW-37, which are located approximately 40 and 90 feet, respectively, northeast of the northern end of the PRB. The increasing cDCE concentrations in MW-24 is evidence that reductive dechlorination is occurring. MW-36 and MW-37 are located northeast of the PRB in an area with a southerly groundwater flow direction and may not be impacted by the PRB.

- PRB-2 is reducing the downgradient PCE and TCE concentrations in all three monitoring wells, and the strongly increasing cDCE and/or VC concentrations in all three monitoring wells is evidence that reductive dechlorination is occurring.
- PRB-3 has reduced the PCE and TCE concentrations in one shallow well (MW-26) but has not yet impacted the PCE or TCE concentrations in the other shallow well or in the deep well. The appearance of cDCE and/or VC in all three wells is evidence that reductive dechlorination is occurring.
- PRB-4 has reduced the PCE and TCE concentrations in one shallow monitoring well (MW-22) but had not yet had a noticeable effect in the other shallow well or either of the deep wells. Increasing cDCE concentrations in all four monitoring wells and the appearance of VC for the first time in three of the wells during the 2Q2022 are evidence that reductive dechlorination is occurring.
- PRB-5 has reduced the TCE concentrations in the southern and central shallow wells and the southern deep well but has not yet had a noticeable effect in the northern shallow or central deep monitoring wells. Increasing cDCE and/or VC concentrations in the southern wells (MW-41 and MW41D) and the central shallow well (MW-29) indicate that reductive dechlorination is occurring along the southern portion and the shallow central portion of PRB-5 but evidence of reductive dechlorination decreases northward along PRB-5.

In general, it appears that reductive dechlorination is occurring to a greater degree on the southern portion of the HRID Property and lessens in a northward direction. The direction of groundwater flow is southerly on the northern portion of the HRID Property switching to easterly along the central and southern portions of the property. The southerly flow on the northern portion of the HRID property is not directly perpendicular to the PRBs and appears to be slowing the establishment of groundwater conditions that are most supportive of reductive dechlorination, especially at MW-36 and MW-37.

6.0 MONITORING SCHEDULE

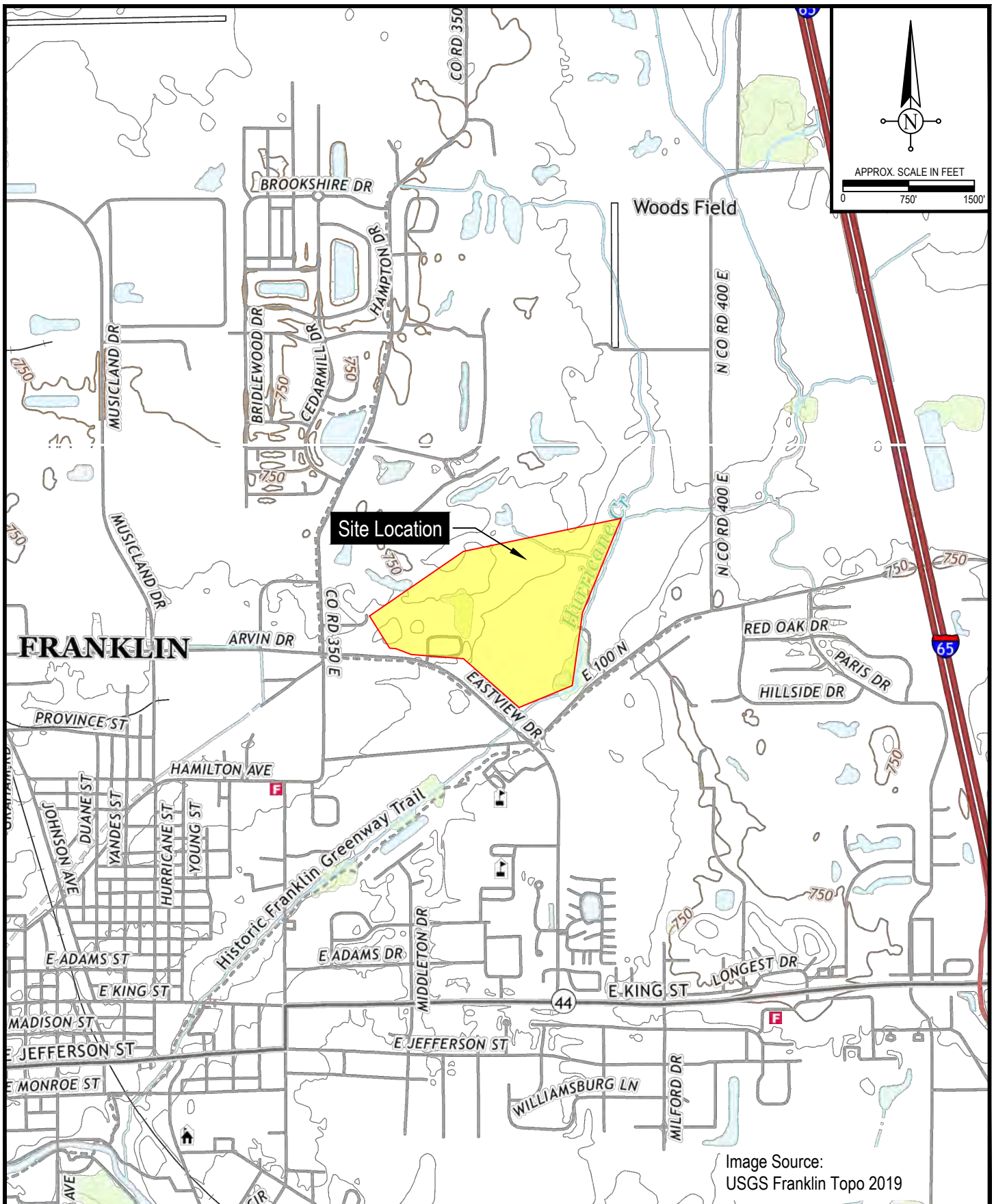
The third quarter 2022 (3Q2022) monitoring event on the HRID Property was performed in August 2022 and the results will be submitted to IDEM in a quarterly monitoring report. The fourth quarter 2022 (4Q2022) monitoring event on the HRID Property and Kasting

property be performed in October 2022. The 4Q2022 monitoring event on the HRID Property will be the annual monitoring event for 2022.

The additional monitoring wells discussed in Section 4.1 of Patriot's Remediation Work Plan Implementation Report and 1Q2022 Groundwater Monitoring Results (July 14, 2022) report will be installed on the Kasting property prior to the 4Q2022 sampling event.

APPENDIX A

FIGURES



Patriot Engineering &
Environmental, Inc.

Project: Former Houghland Tomato Cannery
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project Number 21-1359-01E	Drawn By: J. DuMond
Date: January 24, 2022	Approved: M. Casper
	DWG: 21-1359-01_1

Figure 1

Site Location Map

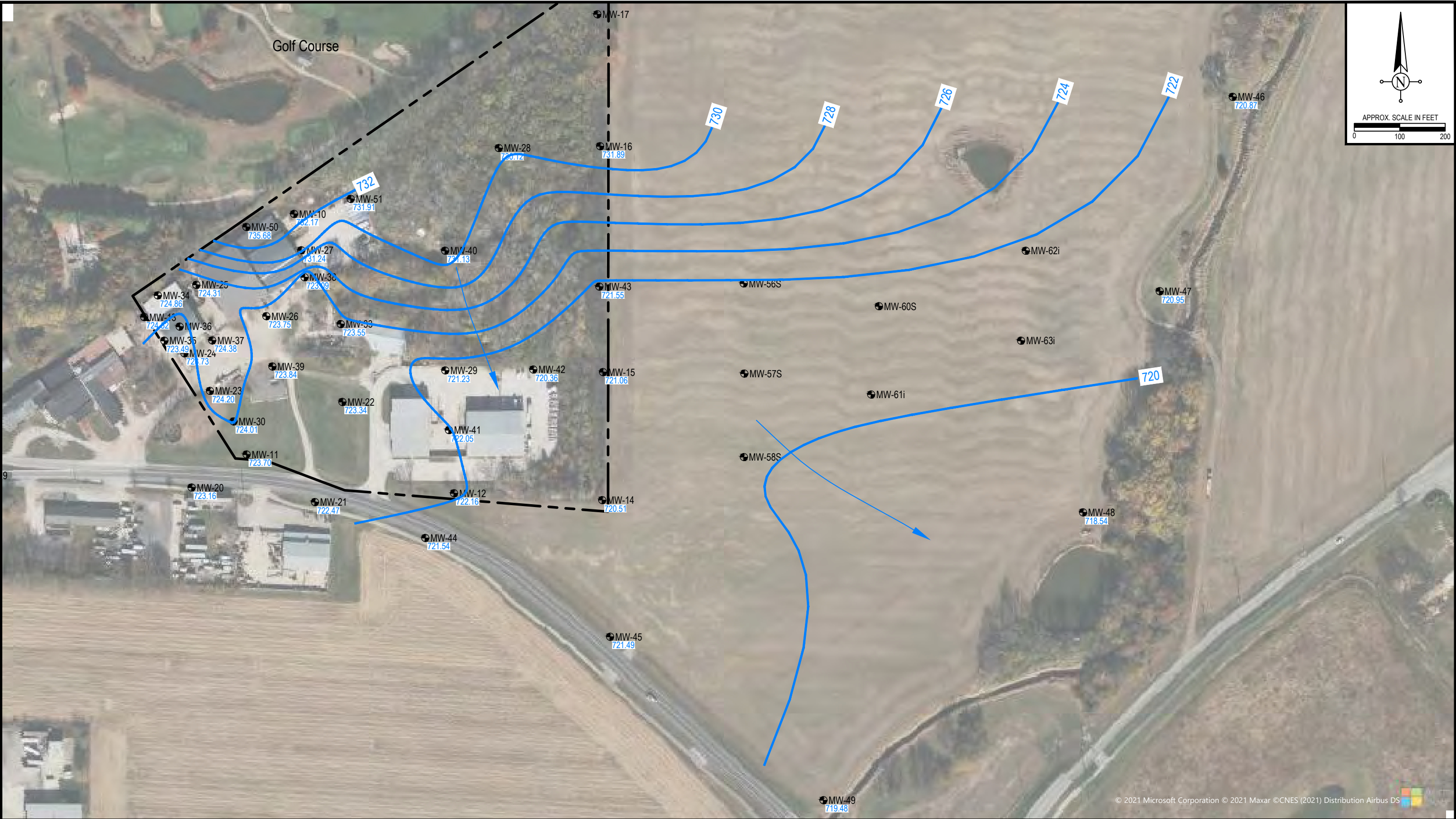


- LEGEND**
- Site Boundary
 - Patriot Monitoring Well Location
 - Water Production Well

Project: Former Houghland Tomato Cannery
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project Number 21-1359-01E	Drawn By: J. DuMond
Date: June 9, 2022	Approved: J. Cody
	DWG: 21-1359-01_FSI4b

Figure 2
Site Layout Map



Patriot Engineering &
Environmental, Inc.

LEGEND



Patriot Monitoring Well Location
Groundwater Elevation (ft.)

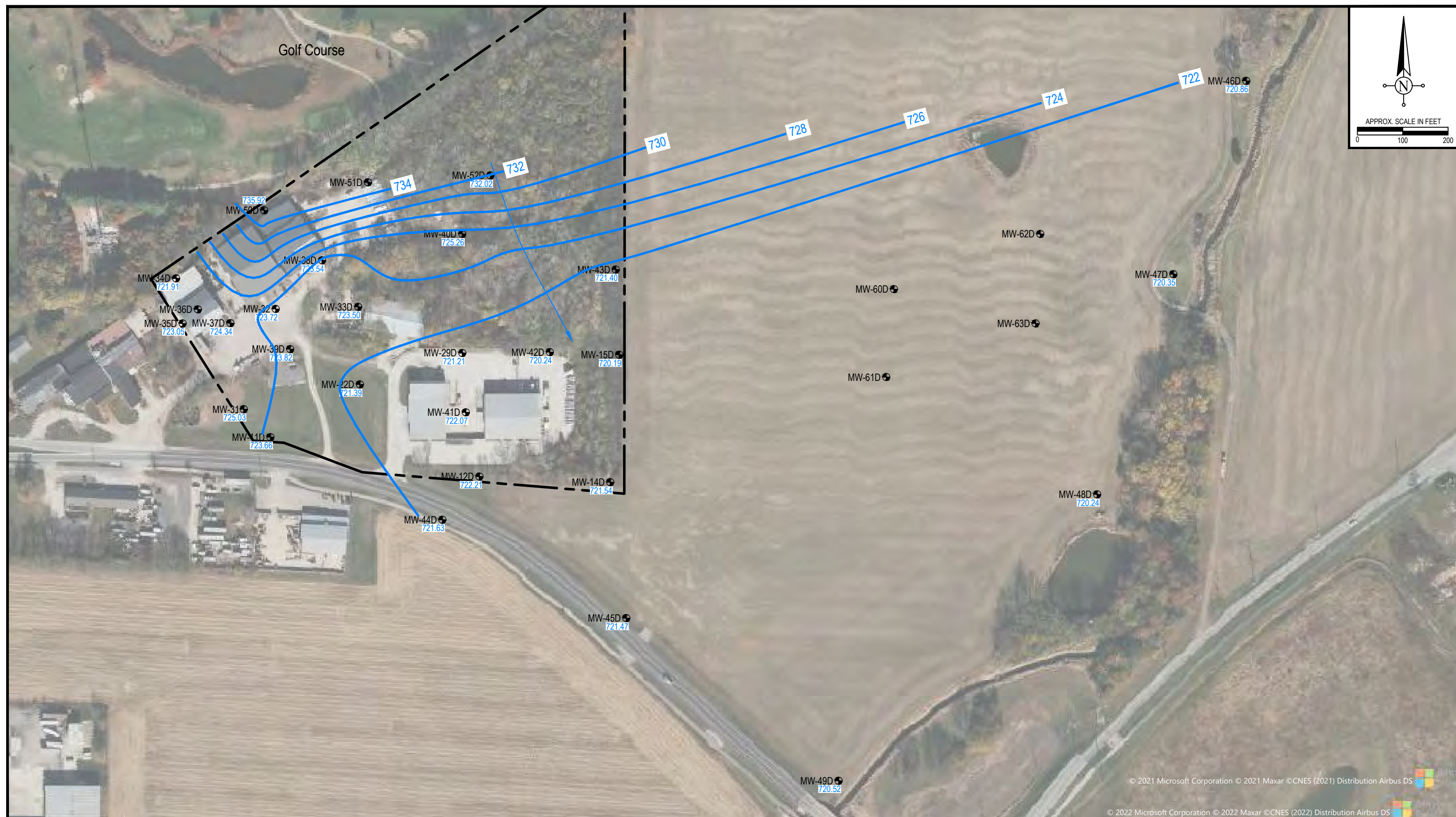
719.84
719 Groundwater Elevation Contour Line

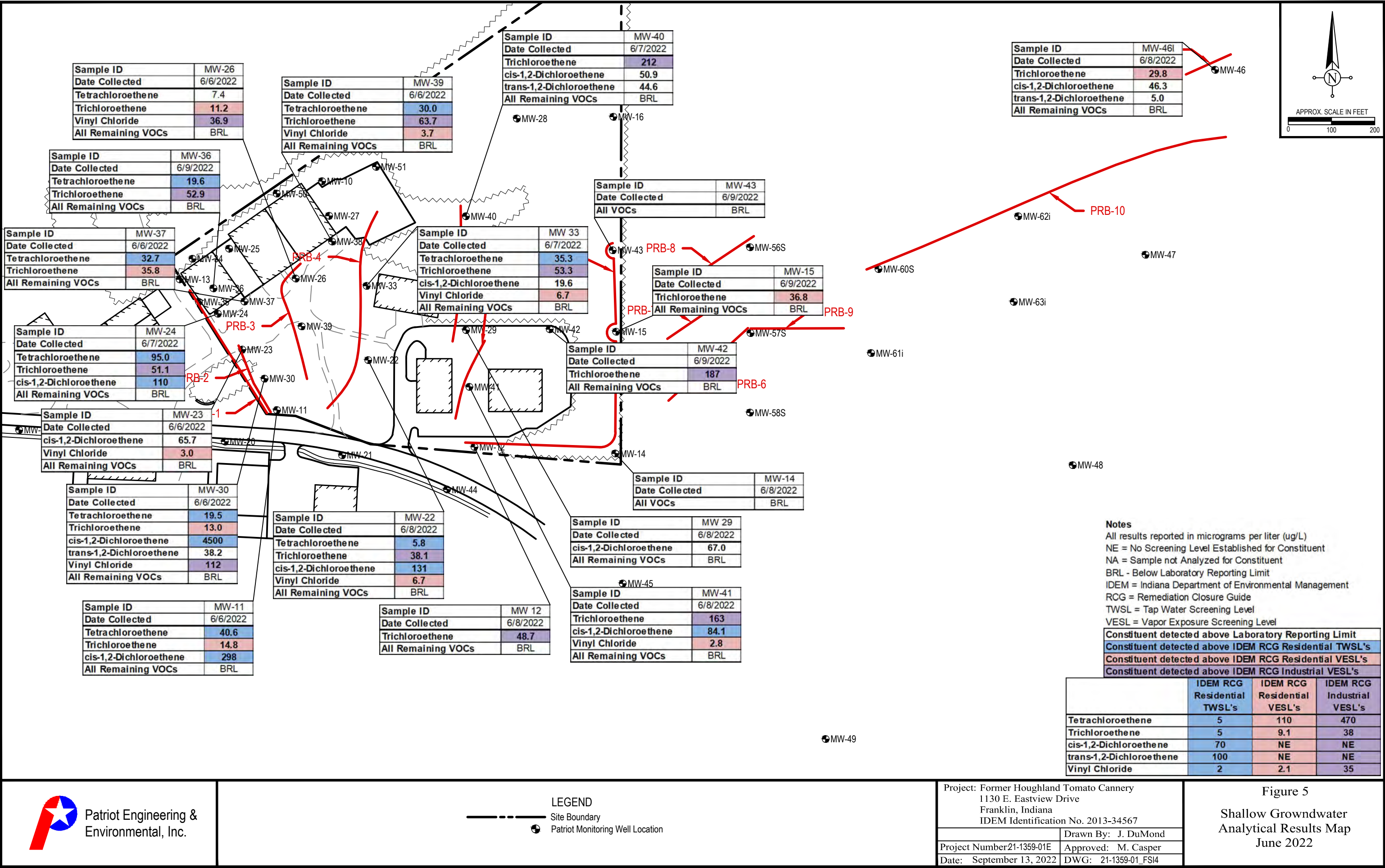
Inferred Groundwater Contour Line
Groundwater Flow Direction

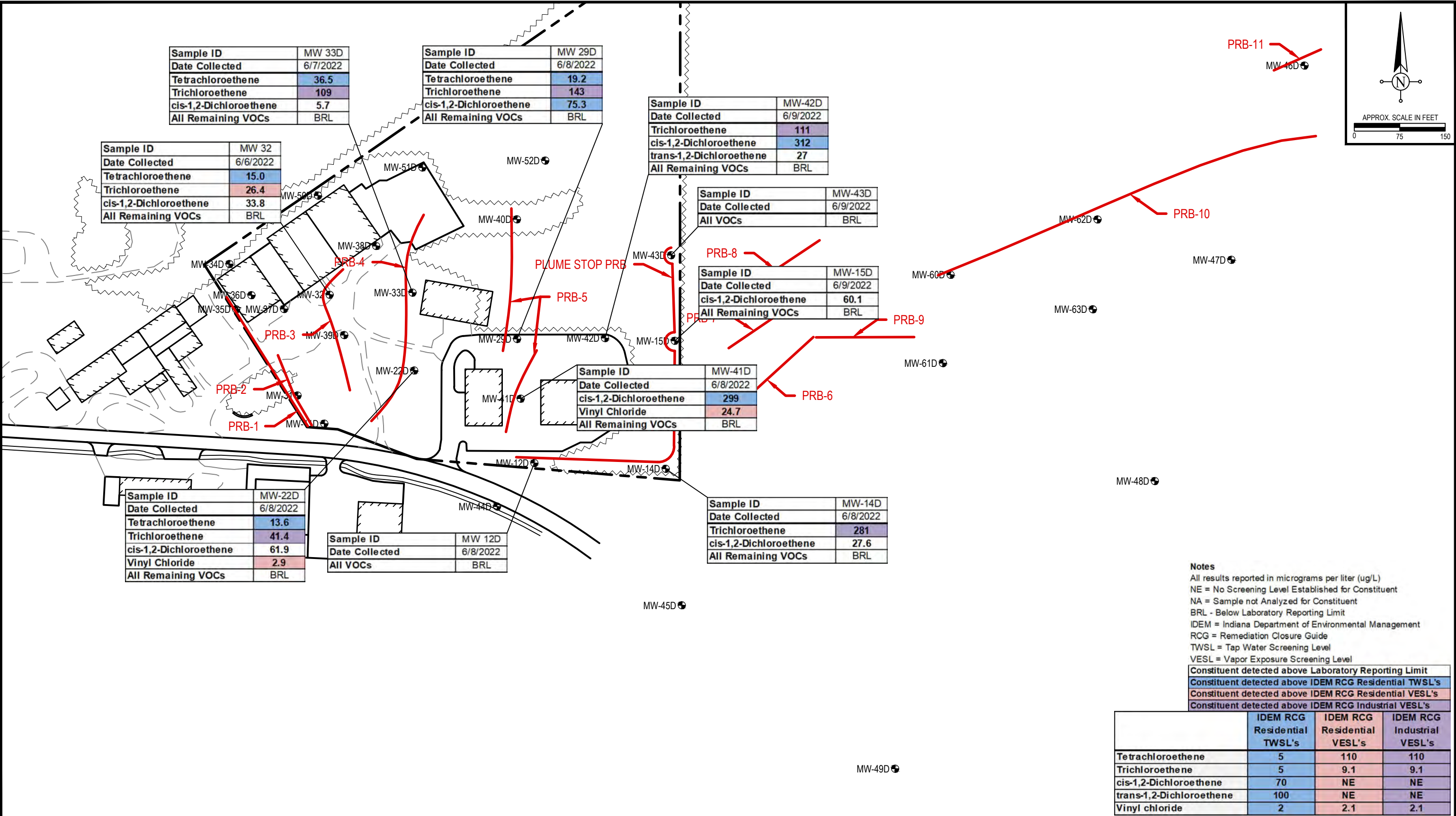
Project: Former Houghland Tomato Cannery
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project Number 21-1359-01E	Drawn By: J. DuMond
Date: July 18, 2022	Approved: M. Casper
	DWG: 21-1359-01_FS14

Figure 3
Shallow Potentiometric
Surface Map
June 6, 2022







LEGEND

- Site Boundary
- Patriot Monitoring Well Location

* = Data from Temporary Monitoring Wells TMW-1 through 7 collected between 3/05/2019 and 3/08/2019

Project: Former Houghland Tomato Cannery
1130 E. Eastview Drive
Franklin, Indiana
IDEM Identification No. 2013-34567

Project Number 21-1359-01E
Date: September 13, 2022
Drawn By: J. DuMond
Approved: M. Casper
DWG: 21-1359-01_FS14

Figure 6
Deep Groundwater
Analytical Results Map
June 2022

APPENDIX B

TABLES

TABLE 1
WELL CONSTRUCTION SUMMARY
HRID / Former Houghland Tomato Cannery Property
Franklin, Indiana

WELL	DATE INSTALLED	WELL ELEVATION (ft)*	TOTAL DEPTH (ft)	SCREEN INTERVAL (depth in ft)
MW-10	6/10/2013 (ISI)	738.15	14.4	723.8 - 733.8
MW-11	6/10/2013 (ISI)	731.85	13.7	718.2 - 728.2
MW-11D	6/6/2018 (FSI #2)	731.71	23.0	708.7 - 713.7
MW-12	6/10/2013 (ISI)	732.36	15.1	717.3 - 727.3
MW-12D	1/24/2019 (FSI #3)	731.82	28.0	703.8 - 708.8
MW-13	6/10/2013 (ISI)	740.45	20.9	719.6 - 729.6
MW-14	9/18/2013 (ISI)	734.15	20.0	714.2 - 724.2
MW-14D	1/24/2019 (FSI #3)	731.45	33.0	698.5 - 703.5
MW-15	9/18/2013 (ISI)	735.30	21.0	714.3 - 724.3
MW-15D	6/6/2018 (FSI #2)	734.76	48.0	686.7 - 691.7
MW-16	9/18/2013 (ISI)	735.65	19.9	715.7 - 725.7
MW-17	9/18/2013 (ISI)	745.02	24.1	720.9 - 730.9
MW-18	2/13/2014 (FSI)	737.39	14.4	723.0 - 733.0
MW-19	2/13/2014 (FSI)	733.21	12.4	720.8 - 730.8
MW-20	2/13/2014 (FSI)	729.99	14.7	715.3 - 725.3
MW-21	2/13/2014 (FSI)	729.21	13.6	715.6 - 725.6
MW-22	2/13/2014 (FSI)	736.47	18.9	717.6 - 727.6
MW-22D	6/6/2018 (FSI #2)	736.85	28.0	708.8 - 713.8
MW-23	2/13/2014 (FSI)	739.78	20.0	719.8 - 729.8
MW-24	2/13/2014 (FSI)	740.93	21.8	719.1 - 729.1
MW-25	2/14/2014 (FSI)	741.01	23.6	717.4 - 727.4
MW-26	2/14/2014 (FSI)	739.31	22.9	716.4 - 726.4
MW-27	2/14/2014 (FSI)	740.06	16.9	723.2 - 733.2
MW-28	2/19/2014 (FSI)	739.62	21.3	718.3 - 728.3
MW-29	2/13/2014 (FSI)	732.96	17.6	715.4 - 725.4
MW-29D	6/6/2018 (FSI #2)	733.12	41.0	692.1 - 697.1
MW-30	8/29/2016 (FSI)	734.02	14.5	719.5 - 724.5
MW-31	8/16/2017 (ASI)	733.87	30.0	703.8 - 708.8
MW-32	8/16/2017 (ASI)	739.72	33.0	706.7 - 711.7
MW-33	1/22/2019 (FSI #3)	740.79	18.0	722.8 - 732.8
MW-33D	1/22/2019 (FSI #3)	741.05	33.0	708.1 - 713.1
TMW-1*	1/22/2019 (FSI #3)	731.54	12.0	719.5 - 729.5
TMW-1D*	1/22/2019 (FSI #3)	730.32	58.0	672.3 - 677.3
TMW-2*	1/22/2019 (FSI #3)	730.12	14.0	716.1 - 726.1
TMW-2D*	1/22/2019 (FSI #3)	730.40	60.0	670.4 - 675.4
TMW-3*	1/24/2019 (FSI #3)	731.24	13.0	718.2 - 728.2

WELL	DATE INSTALLED	WELL ELEVATION (ft)*	TOTAL DEPTH (ft)	SCREEN INTERVAL (depth in ft)
TMW-3D*	1/24/2019 (FSI #3)	731.27	52.0	679.3 - 684.3
TMW-4*	1/28/2019 (FSI #3)	730.43	13.0	717.4 - 727.4
TMW-4D*	1/28/2019 (FSI #3)	730.03	61.0	669.1 - 674.1
TMW-5*	1/28/2019 (FSI #3)	729.60	13.0	716.6 - 726.6
TMW-5D*	1/28/2019 (FSI #3)	730.69	57.0	673.7 - 678.7
TMW-6*	1/28/2019 (FSI #3)	731.29	13.0	718.3 - 728.3
TMW-6D*	1/28/2019 (FSI #3)	731.22	42.0	689.2 - 694.2
TMW-7*	1/25/2019 (FSI #3)	730.16	13.0	717.2 - 727.2
TMW-7D*	1/25/2019 (FSI #3)	730.62	62.0	668.6 - 673.6
MW-34	11/5/2020 (FSI #4)	741.09	17.0	714.1 - 724.1
MW-34D	11/5/2020 (FSI #4)	741.49	30.0	706.5 - 711.5
MW-35	11/5/2020 (FSI #4)	740.98	24.0	707.0 - 717.0
MW-35D	11/5/2020 (FSI #4)	740.97	30.0	716.0 - 711.0
MW-36	11/5/2020 (FSI #4)	741.80	28.0	723.8 - 713.8
MW-36D	11/5/2020 (FSI #4)	741.55	36.0	710.5 - 705.5
MW-37	11/5/2020 (FSI #4)	741.96	25.0	727.0 - 717.0
MW-37D	11/5/2020 (FSI #4)	741.95	38.0	716.5 - 711.5
MW-38	11/5/2020 (FSI #4)	738.90	20.0	728.9 - 718.9
MW-38D	11/5/2020 (FSI #4)	739.17	30.0	714.2 - 709.2
MW-39	11/5/2020 (FSI #4)	739.33	25.0	724.3 - 714.3
MW-39D	11/5/2020 (FSI #4)	739.34	38.0	706.4 - 701.4
MW-40	11/5/2020 (FSI #4)	738.75	18.0	730.8 - 720.8
MW-40D	11/5/2020 (FSI #4)	738.52	31.0	712.5 - 707.5
MW-41	11/5/2020 (FSI #4)	734.03	22.0	722.0 - 712.0
MW-41D	11/5/2020 (FSI #4)	734.02	35.0	704.0 - 699.0
MW-42	11/5/2020 (FSI #4)	732.26	18.0	724.0 - 714.0
MW-42D	11/5/2020 (FSI #4)	732.23	52.0	685.2 - 680.2
MW-43	11/5/2020 (FSI #4)	733.36	16.0	727.4 - 717.4
MW-43D	11/5/2020 (FSI #4)	733.17	31.0	707.2 - 702.2
MW-44	11/5/2020 (FSI #4)	728.73	14.0	707.2 - 702.2
MW-44D	11/5/2020 (FSI #4)	728.71	29.0	704.7 - 699.7
MW-45	11/5/2020 (FSI #4)	729.59	15.0	724.6 - 714.6
MW-45D	11/5/2020 (FSI #4)	729.34	31.0	703.4 - 698.4
MW-46	11/5/2020 (FSI #4)	730.43	15.0	725.4 - 715.4
MW-46I	11/5/2020 (FSI #4)	730.74	55.0	680.6 - 675.6
MW-46D	11/5/2020 (FSI #4)	730.65	97.0	638.6 - 633.6
MW-47	11/5/2020 (FSI #4)	728.74	15.0	724.7 - 714.7
MW-47I	11/5/2020 (FSI #4)	729.58	40.0	699.6 - 689.6
MW-47D	11/5/2020 (FSI #4)	728.33	68.0	665.3 - 660.3
MW-48	11/5/2020 (FSI #4)	728.49	15.0	724.5 - 714.5

WELL	DATE INSTALLED	WELL ELEVATION (ft)*	TOTAL DEPTH (ft)	SCREEN INTERVAL (depth in ft)
MW-48D	11/5/2020 (FSI #4)	727.77	56.0	665.3 - 660.3
MW-49	11/5/2020 (FSI #4)	725.01	15.0	722.8 - 712.8
MW-49D	11/5/2020 (FSI #4)	725.11	29.0	701.1 - 696.1
MW-50S	7/29/2021 (FSI 4-S)	737.81	22.0	725.8 - 715.8
MW-50D	7/29/2021 (FSI 4-S)	737.61	25.0	717.6 - 712.6
MW-51	7/29/2021 (FSI 4-S)	737.82	23.0	724.8 - 714.8
MW-52S	7/30/2021 (FSI 4-S)	739.64	24.0	725.6 - 715.6
MW-52D	7/30/2021 (FSI 4-S)	739.46	28.0	716.4 - 711.4
TMW-8S*	10/25/2021 (OSI)	727.04	16.0	721.0 - 711.0
TMW-8D**	10/25/2021 (OSI)	727.59	55.0	677.6 - 672.6
TMW-9S**	10/25/2021 (OSI)	729.40	16.0	723.4 - 713.4
TMW-9I**	10/25/2021 (OSI)	728.34	46.0	687.3 - 682.3
TMW-9D**	10/25/2021 (OSI)	729.50	75.0	659.5 - 654.5
TMW-10S*	10/25/2021 (OSI)	729.90	15.0	724.9 - 714.9
TMW-10I**	10/25/2021 (OSI)	728.96	46.0	688.0 - 683.0
TMW-10D**	10/25/2021 (OSI)	730.00	85.0	650.0 - 645.0
TMW-11D*	10/25/2021 (OSI)	727.69	30.0	702.7 - 697.7
TMW-12I**	11/22/2021 (OSI)	727.72	48.0	684.7 - 679.7
TMW-12D**	10/25/15 (OSI)	727.03	70.0	662.0 - 657.0
TMW-13I**	10/25/15 (OSI)	727.90	58.0	674.9 - 699.9
TMW-13D**	10/25/15 (OSI)	728.18	102.0	631.2 - 625.2
TMW-14D*	10/28/2021 (OSI)	728.73	25.0	708.7 - 703.7
MW-53S	TBI			
MW-53D	TBI			
MW-54S	TBI			
MW-54D	TBI			
MW-55S	TBI			
MW-55D	TBI			
MW-56S	TBI			
MW-56D	TBI			
MW-57S	TBI			
MW-57D	TBI			
MW-58S	TBI			
MW-58D	TBI			
MW-59D	TMW-8D			677.6 - 672.6
MW-60S	TMW-9S			723.4 - 713.4
MW-60I	TMW-9I			687.3 - 682.3
MW-60D	TMW-9D			659.5 - 654.5
MW-61I	TMW-10I			688.0 - 683.0
MW-61D	TMW-10D			650.0 - 645.0

WELL	DATE INSTALLED	WELL ELEVATION (ft)*	TOTAL DEPTH (ft)	SCREEN INTERVAL (depth in ft)
MW-62I	TMW-12I			684.7 - 679.7
MW-62D	TMW-12D			662.0 - 657.0
MW-63I	TMW-13I			674.9 - 699.9
MW-63D	TMW-13D			631.2 - 625.2
MW-64I	TBI			
MW-64D	TBI			

Table Notes:

Top of casing elevations based on USC & GS Datum

* = Well Abandononed

** = Temporary Well Converted to Permanent Montioring Well

TBI = To Be Installed Fall 2022

ISC = Initial Site Characterization

FSI = Further Site Investigation

ASI = Additional Site Investigation

OSI = Off-Site Investigation

Well Elevation = Top of the 2" Diameter Pipe - North Rim

TABLE 2
GROUNDWATER ELEVATION DATA
HRID/Former Houghland Tomato Cannery Property
Franklin, Indiana

Well Identification	Date	Well Elevation (feet)	Depth to Groundwater	Groundwater Elevation
MW-10	9/24/2013	738.15	8.89	729.26
	3/5/2014		4.95	733.20
	8/31/2016		5.35	732.80
	8/21/2017		6.36	731.79
	6/14/2018		NS	NS
	2/4/2019		5.27	732.88
	3/4/2019		4.09	734.06
	3/25/2019		4.17	733.98
	11/16/2020		7.01	731.14
	3/1/2021		2.38	735.77
	8/12/2021		6.33	731.82
	3/17/2022		4.98	733.17
	6/6/2022		5.98	732.17
MW-11	9/24/2013	731.85	10.56	721.29
	3/5/2014		7.95	723.90
	8/31/2016		8.45	723.40
	8/21/2017		8.79	723.06
	6/14/2018		8.60	723.25
	2/4/2019		7.57	724.28
	3/4/2019		6.53	725.32
	3/25/2019		6.61	725.24
	11/16/2020		10.54	721.31
	3/1/2021		9.07	722.78
	8/12/2021		8.54	723.31
	3/17/2022		6.48	725.37
	6/6/2022		8.15	723.70
MW-11D	6/14/2018	731.71	14.85	716.86
	2/4/2019		7.54	724.17
	3/4/2019		6.40	725.31
	3/25/2019		6.48	725.23
	11/16/2020		10.48	721.23
	3/1/2021		9.00	722.71
	8/12/2021		8.43	723.28
	3/15/2022		6.04	725.67
	6/6/2022		8.05	723.66

Well Identification	Date	Well Elevation (feet)	Depth to Groundwater	Groundwater Elevation
MW-12	9/24/2013	732.36	12.14	720.22
	3/5/2014		9.68	722.68
	8/31/2016		10.55	721.81
	8/21/2017		10.90	721.46
	6/14/2018		NS	NS
	2/4/2019		9.51	722.85
	3/4/2019		8.78	723.58
	3/25/2019		8.87	723.49
	11/16/2020		11.84	720.52
	3/1/2021		10.12	722.24
	8/12/2021		10.55	721.81
	3/17/2022		NS	NS
	6/6/2022		10.2	722.16
MW-12D	2/4/2019	731.82	9.17	722.65
	3/4/2019		8.41	723.41
	3/25/2019		8.53	723.29
	11/16/2020		11.41	720.41
	3/1/2021		9.62	722.20
	8/12/2021		10.15	721.67
	3/17/2022		NS	NS
	6/6/2022		9.61	722.21
MW-13	9/24/2013	740.45	18.69	721.76
	3/5/2014		15.58	731.56
	8/31/2016		15.94	724.51
	8/21/2017		15.58	724.87
	6/14/2018		NS	NS
	2/4/2019		NS	NS
	3/4/2019		NS	NS
	3/25/2019		NS	NS
	11/16/2020		18.71	721.74
	3/1/2021		16.71	723.74
	8/12/2021		16.29	724.16
	3/17/2022		14.03	726.42
	6/6/2022		15.93	724.52

Well Identification	Date	Well Elevation (feet)	Depth to Groundwater	Groundwater Elevation
MW-14	9/24/2013	734.15	14.32	719.83
	3/5/2014		11.95	722.20
	8/31/2016		Well Inaccessible	
	8/21/2017		13.31	720.84
	6/14/2018		NS	NS
	2/4/2019		9.15	725.00
	3/4/2019		11.28	722.87
	3/25/2019		11.44	722.71
	11/16/2020		13.95	720.20
	3/1/2021		11.93	722.22
	8/12/2021		12.98	721.17
	3/16/2022		7.97	726.18
	6/6/2022		13.64	720.51
MW-14D	2/4/2019	731.45	11.95	719.50
	3/4/2019		8.47	722.98
	3/25/2019		8.56	722.89
	11/16/2020		11.14	720.31
	3/1/2021		9.11	722.34
	8/12/2021		10.14	721.31
	3/16/2022		10.79	720.66
	6/6/2022		9.91	721.54
MW-15	9/24/2013	735.30	15.41	719.89
	3/5/2014		12.98	722.32
	8/31/2016		Well Inaccessible	
	8/21/2017		14.35	720.95
	6/14/2018		13.95	721.35
	2/4/2019		12.94	722.36
	3/4/2019		12.23	723.07
	3/25/2019		12.34	722.96
	11/16/2020		15.08	720.22
	3/1/2021		12.80	722.50
	8/12/2021		13.99	721.31
	3/16/2022		11.20	724.10
	6/6/2022		14.24	721.06
MW-15D	6/14/2018	734.76	13.45	721.31
	2/4/2019		11.45	723.31
	3/4/2019		11.71	723.05
	3/25/2019		11.78	722.98
	11/16/2020		14.52	720.24
	3/1/2021		12.27	722.49
	8/12/2021		13.47	721.29
	3/16/2022		11.96	722.80
	6/6/2022		14.57	720.19

Well Identification	Date	Well Elevation (feet)	Depth to Groundwater	Groundwater Elevation
MW-16	9/24/2013	735.65	7.06	728.59
	3/5/2014		2.88	732.77
	8/31/2016		Well Inaccessible	
	8/21/2017		5.35	730.30
	6/14/2018		NS	NS
	2/4/2019		2.51	733.14
	3/4/2019		2.28	733.37
	3/25/2019		3.09	732.56
	11/16/2020		5.55	730.10
	3/1/2021		0.92	734.73
	8/12/2021		4.43	731.22
	3/16/2022		1.88	733.77
	6/6/2022		3.76	731.89
MW-17	9/24/2013	745.02	16.22	728.80
	3/5/2014		12.00	733.02
	8/31/2016		Well Inaccessible	
	8/21/2017		NS	NS
	6/14/2018		NS	NS
	2/4/2019		11.67	733.35
	3/4/2019		11.40	733.62
	3/25/2019		11.55	733.47
	11/16/2020		14.72	730.30
	3/1/2021		NS	NS
	8/12/2021		NS	NS
	3/16/2022		10.92	734.10
MW-18	3/5/2014	737.79	10.03	727.76
	8/31/2016		10.32	727.47
	8/21/2017		NS	NS
	6/14/2018		NS	NS
	2/4/2019		9.54	728.25
	3/4/2019		9.22	728.57
	3/25/2019		9.19	728.60
	11/16/2020		NS	NS
	3/1/2021		NS	NS
	8/12/2021		NS	NS
	3/17/2022		NS	NS

Well Identification	Date	Well Elevation (feet)	Depth to Groundwater	Groundwater Elevation
MW-19	3/5/2014	733.21	7.17	726.04
	8/31/2016		7.55	725.66
	8/21/2017		NS	NS
	6/14/2018		NS	NS
	2/4/2019		7.08	726.13
	3/4/2019		6.30	726.91
	3/25/2019		6.29	726.92
	11/16/2020		NS	NS
	3/1/2021		NS	NS
	8/12/2021		NS	NS
	3/17/2022		NS	NS
MW-20	3/5/2014	729.99	5.94	724.05
	8/31/2016		6.38	723.61
	8/21/2017		6.71	723.28
	6/14/2018		NS	NS
	2/4/2019		5.54	724.45
	3/4/2019		4.53	725.46
	3/25/2019		4.48	725.51
	11/16/2020		8.55	721.44
	3/1/2021		7.14	722.85
	8/12/2021		6.49	723.50
	3/17/2022		4.49	725.50
	6/6/2022		6.83	723.16
MW-21	3/5/2014	729.21	6.04	723.17
	8/31/2016		6.64	722.57
	8/21/2017		6.99	722.22
	6/14/2018		NS	NS
	2/4/2019		5.75	723.46
	3/4/2019		4.74	724.47
	3/25/2019		4.73	724.48
	11/16/2020		9.33	719.88
	3/1/2021		6.83	722.38
	8/12/2021		6.70	722.51
	3/17/2022		4.64	724.57
	6/6/2022		6.74	722.47

Well Identification	Date	Well Elevation (feet)	Depth to Groundwater	Groundwater Elevation
MW-22	3/5/2014	736.47	13.04	723.43
	8/31/2016		13.68	722.79
	8/21/2017		14.07	722.40
	6/14/2018		13.90	722.57
	2/4/2019		12.69	723.78
	3/4/2019		11.84	724.63
	3/25/2019		11.82	724.65
	11/16/2020		15.56	720.91
	3/1/2021		14.18	722.29
	8/12/2021		13.76	722.71
	3/15/2022		11.31	725.16
	6/6/2022		13.13	723.34
MW-22D	6/14/2018	736.85	14.21	722.64
	2/4/2019		13.03	723.82
	3/4/2019		12.12	724.73
	3/25/2019		12.09	724.76
	11/16/2020		15.88	720.97
	3/1/2021		14.49	722.36
	8/12/2021		14.08	722.77
	3/15/2022		11.65	725.20
	6/6/2022		15.46	721.39
MW-23	3/5/2014	739.78	15.40	724.38
	8/31/2016		15.91	723.87
	8/21/2017		16.30	723.48
	6/14/2018		NS	NS
	2/4/2019		Well Inaccessible	
	3/4/2019		13.81	725.97
	3/25/2019		13.75	726.03
	11/16/2020		Well Dry	-
	3/1/2021		16.96	722.82
	8/12/2021		15.85	723.93
	3/15/2022		13.62	726.16
	6/6/2022		15.58	724.20
MW-24	3/5/2014	740.93	16.31	724.62
	8/31/2016		16.71	724.22
	8/21/2017		17.16	723.77
	6/14/2018		NS	NS
	2/4/2019		15.87	725.06
	3/4/2019		14.81	726.12
	3/25/2019		14.80	726.13
	11/16/2020		19.32	721.61
	3/1/2021		17.33	723.60
	8/12/2021		16.97	723.96
	3/17/2022		14.78	726.15
	6/6/2022		17.20	723.73

Well Identification	Date	Well Elevation (feet)	Depth to Groundwater	Groundwater Elevation
MW-25	3/5/2014	741.01	16.50	724.51
	8/31/2016		Well Inaccessible	
	8/21/2017		Well Inaccessible	
	6/14/2018		Well Inaccessible	
	2/4/2019		Well Inaccessible	
	3/4/2019		Well Inaccessible	
	3/25/2019		Well Inaccessible	
	11/16/2020		19.44	721.57
	3/1/2021		17.90	723.11
	8/12/2021		17.11	723.90
	3/17/2022		NS	NS
	6/6/2022		16.70	724.31
MW-26	3/5/2014	739.31	15.25	724.06
	8/31/2016		15.80	723.51
	8/21/2017		16.19	723.12
	6/14/2018		16.11	723.20
	2/4/2019		14.86	724.45
	3/4/2019		13.92	725.39
	3/25/2019		13.86	725.45
	11/16/2020		18.05	721.26
	3/1/2021		16.60	722.71
	8/12/2021		15.96	723.35
	3/17/2022		NS	NS
	6/6/2022		15.56	723.75
MW-27	3/5/2014	740.06	8.11	731.95
	8/31/2016		8.19	731.87
	8/21/2017		8.81	731.25
	6/14/2018		NS	NS
	2/4/2019		8.25	731.81
	3/4/2019		7.88	732.18
	3/25/2019		7.88	732.18
	11/16/2020		9.80	730.26
	3/1/2021		7.58	732.48
	8/12/2021		6.76	733.30
	3/17/2022		8.02	732.04
	6/6/2022		8.82	731.24

Well Identification	Date	Well Elevation (feet)	Depth to Groundwater	Groundwater Elevation
MW-28	3/5/2014	739.62	6.72	732.90
	8/31/2016		Well Inaccessible	
	8/21/2017		9.40	730.22
	6/14/2018		NS	NS
	2/4/2019		6.43	733.19
	3/4/2019		6.15	733.47
	3/25/2019		6.11	733.51
	11/16/2020		9.71	729.91
	3/1/2021		5.09	734.53
	8/12/2021		8.77	730.85
	3/16/2022		5.72	733.90
	6/6/2022		9.50	730.12
MW-29	3/5/2014	732.96	10.17	722.79
	8/31/2016		11.04	721.92
	8/21/2017		11.43	721.53
	6/14/2018		11.16	721.80
	2/4/2019		10.00	722.96
	3/4/2019		9.21	723.75
	3/25/2019		9.23	723.73
	11/16/2020		Well Dry	-
	3/1/2021		10.70	722.26
	8/12/2021		11.10	721.86
	3/17/2022		NS	NS
	6/6/2022		11.73	721.23
MW-29D	6/14/2018	733.12	11.28	721.84
	2/4/2019		10.11	723.01
	3/4/2019		9.35	723.77
	3/25/2019		9.28	723.84
	11/16/2020		12.59	720.53
	3/1/2021		10.80	722.32
	8/12/2021		11.21	721.91
	3/17/2022		NS	NS
	6/6/2022		11.91	721.21
MW-30	8/31/2016	734.02	10.17	723.85
	8/21/2017		10.64	723.38
	6/14/2018		10.52	723.50
	2/4/2019		9.43	724.59
	3/4/2019		10.35	723.67
	3/25/2019		8.30	725.72
	11/16/2020		12.54	721.48
	3/1/2021		11.13	722.89
	8/12/2021		10.43	723.59
	3/15/2022		8.11	725.91
	6/6/2022		10.01	724.01

Well Identification	Date	Well Elevation (feet)	Depth to Groundwater	Groundwater Elevation
MW-31	8/21/2017	733.87	11.69	722.18
	6/14/2018		10.53	723.34
	2/4/2019		9.25	724.62
	3/4/2019		8.37	725.50
	3/25/2019		8.29	725.58
	11/16/2020		11.81	722.06
	3/1/2021		10.56	723.31
	8/12/2021		10.56	723.31
	3/17/2022		8.39	725.48
	6/6/2022		8.84	725.03
MW-32	8/21/2017	739.72	16.64	723.08
	6/14/2018		16.56	723.16
	2/4/2019		15.30	724.42
	3/4/2019		13.33	726.39
	3/25/2019		13.31	726.41
	11/16/2020		18.46	721.26
	3/1/2021		17.03	722.69
	8/12/2021		16.37	723.35
	3/17/2022		NS	NS
	6/6/2022		16.00	723.72
MW-33	2/4/2019	740.79	15.50	725.29
	3/4/2019		15.49	725.30
	3/25/2019		15.38	725.41
	11/16/2020		19.59	721.20
	3/1/2021		18.18	722.61
	8/12/2021		17.58	723.21
	3/17/2022		NS	NS
	6/6/2022		17.24	723.55
MW-33D	2/4/2019	741.05	16.81	724.24
	3/4/2019		15.87	725.18
	3/25/2019		15.83	725.22
	11/16/2020		19.89	721.16
	3/1/2021		18.48	722.57
	8/12/2021		17.91	723.14
	3/17/2022		NS	NS
	6/6/2022		17.55	723.50
MW-34	11/16/2020	741.09	18.99	722.10
	3/1/2021		16.99	724.10
	8/12/2021		16.55	724.54
	3/17/2022		14.26	726.83
	6/6/2022		16.23	724.86

Well Identification	Date	Well Elevation (feet)	Depth to Groundwater	Groundwater Elevation
MW-34D	11/16/2020	741.49	19.45	722.04
	3/1/2021		17.62	723.87
	8/12/2021		16.96	724.53
	3/17/2022		14.75	726.74
	6/6/2022		19.58	721.91
MW-35	11/16/2020	740.98	19.10	721.88
	3/1/2021		17.57	723.41
	8/12/2021		16.70	724.28
	3/17/2022		NS	NS
	6/6/2022		17.49	723.49
MW-35D	11/16/2020	740.97	19.10	721.87
	3/1/2021		17.61	723.36
	8/12/2021		16.67	724.30
	3/17/2022		NS	NS
	6/6/2022		17.92	723.05
MW-36	11/16/2020	741.80	21.23	720.57
	3/1/2021		18.51	723.29
	8/12/2021		17.65	724.15
	3/17/2022		15.44	726.36
	6/6/2022		7.71	734.09
MW-36D	11/16/2020	741.55	21.03	720.52
	3/1/2021		18.28	723.27
	8/12/2021		17.42	724.13
	3/17/2022		NS	NS
	6/6/2022		11.20	730.35
MW-37	11/16/2020	741.96	20.27	721.69
	3/1/2021		18.85	723.11
	8/12/2021		17.99	723.97
	3/17/2022		NS	NS
	6/6/2022		17.58	724.38
MW-37D	11/16/2020	741.95	20.28	721.67
	3/1/2021		18.81	723.14
	8/12/2021		18.02	723.93
	3/17/2022		NS	NS
	6/6/2022		17.61	724.34
MW-38	11/16/2020	738.90	17.63	721.27
	3/1/2021		16.23	722.67
	8/12/2021		16.62	722.28
	3/17/2022		13.40	725.50
	6/6/2022		15.81	723.09

Well Identification	Date	Well Elevation (feet)	Depth to Groundwater	Groundwater Elevation
MW-38D	11/16/2020	739.17	17.91	721.26
	3/1/2021		16.49	722.68
	8/12/2021		15.92	723.25
	3/17/2022		13.69	725.48
	6/6/2022		15.63	723.54
MW-39	11/16/2020	739.33	17.95	721.38
	3/1/2021		16.59	722.74
	8/12/2021		15.87	723.46
	3/17/2022		NS	NS
	6/6/2022		15.49	723.84
MW-39D	11/16/2020	739.34	17.96	721.38
	3/1/2021		16.58	722.76
	8/12/2021		15.91	723.43
	3/17/2022		NS	NS
	6/6/2022		15.52	723.82
MW-40	11/16/2020	738.75	9.11	729.64
	3/1/2021		4.01	734.74
	8/12/2021		7.67	731.08
	3/17/2022		NS	NS
	6/6/2022		7.62	731.13
MW-40D	11/16/2020	738.52	20.45	718.07
	3/1/2021		13.19	725.33
	8/12/2021		13.26	725.26
	3/17/2022		NS	NS
	6/6/2022		13.26	725.26
MW-41	11/16/2020	734.03	13.57	720.46
	3/1/2021		11.88	722.15
	8/12/2021		12.24	721.79
	3/17/2022		NS	NS
	6/6/2022		11.98	722.05
MW-41D	11/16/2020	734.02	13.56	720.46
	3/1/2021		11.86	722.16
	8/12/2021		12.23	721.79
	3/17/2022		10.41	723.61
	6/6/2022		11.95	722.07
MW-42	11/16/2020	732.26	11.95	720.31
	3/1/2021		9.87	722.39
	8/12/2021		10.79	721.47
	3/15/2022		8.74	723.52
	6/6/2022		11.90	720.36

Well Identification	Date	Well Elevation (feet)	Depth to Groundwater	Groundwater Elevation
MW-42D	11/16/2020	732.23	12.03	720.20
	3/1/2021		9.81	722.42
	8/12/2021		10.90	721.33
	3/15/2022		8.44	723.79
	6/6/2022		11.99	720.24
MW-43	11/16/2020	733.36	12.99	720.37
	3/1/2021		10.34	723.02
	8/12/2021		11.95	721.41
	3/16/2022		9.58	723.78
	6/6/2022		11.81	721.55
MW-43D	11/16/2020	733.17	12.81	720.36
	3/1/2021		10.27	722.90
	8/12/2021		11.76	721.41
	3/16/2022		9.44	723.73
	6/6/2022		11.77	721.40
MW-44	11/16/2020	728.73	8.37	720.36
	3/1/2021		6.55	722.18
	8/12/2021		7.19	721.54
	3/17/2022		5.41	723.32
	6/6/2022		7.19	721.54
MW-44D	11/16/2020	728.71	8.35	720.36
	3/1/2021		6.54	722.17
	8/12/2021		7.19	721.52
	3/17/2022		5.39	723.32
	6/6/2022		7.08	721.63
MW-45	11/16/2020	729.59	9.41	720.18
	3/1/2021		7.42	722.17
	8/12/2021		8.50	721.09
	3/17/2022		6.85	722.74
	6/6/2022		8.10	721.49
MW-45D	11/16/2020	729.34	9.17	720.17
	3/1/2021		7.20	722.14
	8/12/2021		8.25	721.09
	3/17/2022		6.60	722.74
	6/6/2022		7.87	721.47
MW-46	11/16/2020	730.43	9.74	720.69
	3/1/2021		6.89	723.54
	8/12/2021		9.77	720.66
	3/17/2022		NS	NS
	6/6/2022		9.56	720.87

Well Identification	Date	Well Elevation (feet)	Depth to Groundwater	Groundwater Elevation
MW-46I	11/16/2020	730.74	10.01	720.73
	3/1/2021		7.17	723.57
	8/12/2021		9.85	720.89
	3/17/2022		NS	NS
	6/6/2022		9.48	721.26
MW-46D	11/16/2020	730.65	9.91	720.74
	3/1/2021		7.05	723.60
	8/12/2021		9.96	720.69
	3/17/2022		NS	NS
	6/6/2022		9.79	720.86
MW-47	11/16/2020	728.74	8.34	720.40
	3/1/2021		4.16	724.58
	8/12/2021		7.37	721.37
	3/17/2022		NS	NS
	6/6/2022		7.79	720.95
MW-47I	11/16/2020	729.58	8.12	721.46
	3/1/2021		5.31	724.27
	8/12/2021		8.01	721.57
	3/17/2022		NS	NS
	6/6/2022		7.89	721.69
MW-47D	11/16/2020	728.33	7.81	720.52
	3/1/2021		5.01	723.32
	8/12/2021		7.72	720.61
	3/17/2022		NS	NS
	6/6/2022		7.98	720.35
MW-48	11/16/2020	728.49	8.76	719.73
	3/1/2021		6.11	722.38
	8/12/2021		8.60	719.89
	3/17/2022		7.75	720.74
	6/6/2022		9.95	718.54
MW-48D	11/16/2020	727.77	8.04	719.73
	3/1/2021		5.27	722.50
	8/12/2021		9.92	717.85
	3/17/2022		6.12	721.65
	6/6/2022		7.53	720.24
MW-49	11/16/2020	725.01	5.97	719.04
	3/1/2021		3.62	721.39
	8/12/2021		6.01	719.00
	3/17/2022		NS	NS
	6/6/2022		5.53	719.48

Well Identification	Date	Well Elevation (feet)	Depth to Groundwater	Groundwater Elevation
MW-49D	11/16/2020	725.11	5.78	719.33
	3/1/2021		4.38	720.73
	8/12/2021		5.49	719.62
	3/17/2022		NS	NS
	6/6/2022		4.59	720.52
MW-50	8/12/2021	737.81	4.41	733.40
	3/17/2022		1.04	736.77
	6/6/2022		2.13	735.68
MW-50D	8/12/2021	737.61	2.16	735.45
	3/17/2022		1.06	736.55
	6/6/2022		1.69	735.92
MW-51	8/12/2021	737.82	6.55	731.27
	3/17/2022		3.71	734.11
	6/6/2022		5.91	731.91
MW-52	8/12/2021	739.64	8.56	731.08
	3/17/2022		NS	NS
	6/6/2022		7.90	731.74
MW-52D	8/12/2021	739.46	8.42	731.04
	3/17/2022		NS	NS
	6/6/2022		7.44	732.02
TMW-8S	11/5/2021	727.04	4.60	722.44
	12/1/2021		4.74	-4.74
	3/17/2022		NS	NS
	6/2022		Well Abandoned	
TMW-8D	11/5/2021	727.59	6.10	721.49
	12/1/2021		6.58	721.01
	3/17/2022		NS	NS
	6/2022		Well Abandoned	
TMW-9S	11/5/2021	729.40	7.90	721.50
	12/1/2021		8.40	721.00
	3/17/2022		NS	NS
	6/2022		Well Abandoned	
TMW-9I	11/5/2021	728.34	6.80	721.54
	12/1/2021		7.33	721.01
	3/17/2022		NS	NS
	6/2022		Well Abandoned	
TMW-9D	11/5/2021	730.00	8.00	722.00
	12/1/2021		8.49	721.51
	3/17/2022		NS	NS
	6/2022		Well Abandoned	
TMW-10S	11/5/2021	729.90	8.40	721.50
	12/1/2021		8.90	721.00
	3/17/2022		NS	NS
	6/2022		Well Abandoned	

Well Identification	Date	Well Elevation (feet)	Depth to Groundwater	Groundwater Elevation
TMW-10I	11/5/2021	728.96	7.50	721.46
	12/1/2021		7.98	720.98
	3/17/2022		NS	NS
	6/2022		Well Abandoned	
TMW-10D	11/5/2021	730.00	8.60	721.40
	12/1/2021		9.01	720.99
	3/17/2022		NS	NS
	6/2022		Well Abandoned	
TMW-11D	11/5/2021	727.69	6.20	721.49
	12/1/2021		6.64	721.05
	3/17/2022		NS	NS
	6/2022		Well Abandoned	
TMW-12I	12/1/2021	Not Surveyed	6.87	
	3/17/2022		NS	NS
	6/2022		Well Abandoned	
TMW-12D	11/5/2021	727.03	5.60	721.43
	12/1/2021		6.18	720.85
	3/17/2022		NS	NS
	6/2022		Well Abandoned	
TMW-13I	11/5/2021	727.90	6.40	721.50
	12/1/2021		6.91	720.99
	3/17/2022		NS	NS
	6/2022		Well Abandoned	
TMW-13D	11/5/2021	728.18	6.60	721.58
	12/1/2021		7.11	721.07
	3/17/2022		NS	NS
	6/2022		Well Abandoned	
TMW-14	11/5/2021	728.73	7.60	721.13
	12/1/2021		8.08	-8.08
	3/17/2022		NS	NS
	6/2022		Well Abandoned	

Well Elevation = Top of the 2" Diameter Pipe

NS=Not Sampled

TABLE 3
PRE AND POST INJECTION FIELD PARAMETERS
HRID / Former Houghland Tomato Cannery Property
Franklin, Indiana

Sample Identification	Date Collected	pH	Oxidation-Reduction Potential (mV)	Dissolved Oxygen (mg/L)
Quarterly Wells				
MW-11	11/17/2020	7.08	71	0.37
	Remedial Injections - Fall 2021			
	3/14/2022	NS	NS	NS
	6/6/2022	7.55	-135.1	0.04
MW-12	08/18/2021	7.52	148	2.93
	Remedial Injections - Fall 2021			
	03/14/2022	7.02	203	3.53
	6/8/2022	7.24	66.4	2.24
MW-12D	08/17/2021	7.52	(-29)	0
	Remedial Injections - Fall 2021			
	03/14/2022	8.29	374	0
	6/8/2022	8.71	-386.6	0.01
MW-14	11/18/2020	7.28	(-55)	0
	Remedial Injections - Fall 2021			
	03/16/2022	7.29	(-40)	0.03
	6/8/2022	7.86	-145.7	0.03
MW-14D	11/18/2020	6.96	21	0
	Remedial Injections - Fall 2021			
	03/16/2022	6.7	6.3	0
	6/8/2022	7.27	-86.4	0.02
MW-15	08/13/2021	7.41	274	0.54
	Remedial Injections - Fall 2021			
	03/16/2022	6.95	77	3.11
	6/9/2022	7.27	-4.4	0.06
MW-15D	08/13/2021	7.73	(-85)	0.12
	Remedial Injections - Fall 2021			
	03/16/2022	6.85	(-56)	0
	6/9/2022	7.31	-94	0.02

Sample Identification	Date Collected	pH	Oxidation-Reduction Potential (mV)	Dissolved Oxygen (mg/L)
MW-22	08/13/2021	6.94	152	1.97
	Remedial Injections - Fall 2021			
	03/15/2022	6.78	22	1.75
	6/8/2022	7.19	-39.4	0.03
MW-22D	08/13/2021	7.03	113	2.17
	Remedial Injections - Fall 2021			
	03/15/2022	7.01	(-17)	0
	6/8/2022	7.36	47.7	0.05
MW-23	3/11/2019	6.98	106	1.66
	Remedial Injections - Fall 2021			
	03/15/2022	6.81	(-137)	0.01
	6/6/2022	6.59	-45.7	0.05
MW-24	08/18/2021	7.44	186	3.45
	Remedial Injections - Fall 2021			
	03/17/2022	6.96	75	2.68
	6/7/2022	7.28	162.1	0.2
MW-26	08/12/2021	6.75	182	2.72
	Remedial Injections - Fall 2021			
	03/16/2022	7.31	(-130)	0.01
	6/6/2022	7.45	-109.4	0.13
MW-32 (Deep Well paired with MW-26)	08/12/2021	7.07	144	1.21
	Remedial Injections - Fall 2021			
	03/16/2022	7.14	19	0.1
	6/6/2022	7.25	37.3	0.08
MW-29	3/27/2019	7.04	99	4.41
	Remedial Injections - Fall 2021			
	03/14/2022	7.13	(-178)	0
	6/8/2022	7.22	-86	0.19
MW-29D	08/16/2021	7.15	(-84)	0.21
	Remedial Injections - Fall 2021			
	03/14/2022	7.13	(-87)	0
	6/8/2022	7.29	-28	0.03

Sample Identification	Date Collected	pH	Oxidation-Reduction Potential (mV)	Dissolved Oxygen (mg/L)
MW-30	08/16/2021	7.33	(-10)	0.39
	Remedial Injections - Fall 2021			
	03/15/2022	7.09	(-127)	0.04
	6/6/2022	7.39	-111.4	0.1
MW-33	08/13/2021	7.14	145	0.71
	Remedial Injections - Fall 2021			
	03/16/2022	7.18	10	0
	6/7/2022	7.31	153.6	0.06
MW-33D	08/13/2021	7.19	70	0.74
	Remedial Injections - Fall 2021			
	03/16/2022	7.17	(-32)	0.15
	6/7/2022	7.38	41.6	0.03
MW-36D	08/18/2021	7.58	189	3.43
	Remedial Injections - Fall 2021			
	03/17/2022	6.93	65	7.31
	6/9/2022	7.38	375	4.91
MW-37D	08/16/2021	7.05	151	3.05
	Remedial Injections - Fall 2021			
	03/16/2022	7.14	10	0.03
	6/6/2022	7.32	14.3	0.23
MW-39	08/13/2021	6.82	139	3.26
	Remedial Injections - Fall 2021			
	03/16/2022	6.9	132	1.15
	6/6/2022	7.09	86.2	1.25
MW-40	08/16/2021	7.29	16	0.14
	Remedial Injections - Fall 2021			
	03/16/2022	6.76	84	0
	6/7/2022	7.79	-104.1	0.07
MW-41	08/13/2021	6.98	115	1.09
	Remedial Injections - Fall 2021			
	03/14/2022	7.18	(-110)	0.09
	6/8/2022	7.32	-87.9	0.03

Sample Identification	Date Collected	pH	Oxidation-Reduction Potential (mV)	Dissolved Oxygen (mg/L)
MW-41D	08/13/2021	7.05	(-40)	0.23
	Remedial Injections - Fall 2021			
	03/17/2022	6.98	(-78)	0
	6/8/2022	7.5	-136	0.04
MW-42	08/16/2021	7.07	124	1.1
	Remedial Injections - Fall 2021			
	03/15/2022	7.05	70	5.15
	6/9/2022	7.29	342.7	2.07
MW-42D	08/16/2021	7.15	(-39)	0.58
	Remedial Injections - Fall 2021			
	03/15/2022	7.04	(-38)	0.06
	6/9/2022	7.35	-49.4	0.03
MW-43	08/12/2021	6.6	147	2.62
	Remedial Injections - Fall 2021			
	03/16/2022	6.61	106	0.38
	6/9/2022	6.62	87.5	0.04
MW-43D	08/12/2021	7.06	(-25)	0.11
	Remedial Injections - Fall 2021			
	03/16/2022	6.9	8	0
	6/9/2022	7.05	-46.1	0.02
MW-46I	08/17/2021	7.76	(-62)	0.49
	Remedial Injections - Fall 2021			
	3/15/2022	NS	NS	NS
	6/8/2022	7.38	-110.3	0.04

Notes

Decrease in DO or ORP from pre to post injection sampling

Increase in DO or ORP from pre to post injection sampling

NS = Not Sampled

TABLE 4 2Q2022 GROUNDWATER ANALYTICAL RESULTS AND POST-INJECTION TRENDS HRID / Former Houghland Tomato Cannery Property Franklin, Indiana							
		PCE	TCE	cDCE	tDCE	VC	Other VOCs
IDEM RCG Residential TWSL's		5	5	70	100	2	Varies
IDEM RCG Residential VESL's		110	9.1	NE	NE	2.1	Varies
IDEM RCG Industrial VESL's		470	38	NE	NE	35	Varies
Sample Identification	Date Collected	Analytical Results in micrograms per liter (ug/L)					
Quarterly Wells							
MW-11	3/29/2019	45.3	31.5	<5.0	<5.0	<2.0	BRL
	11/17/2020	110	37.5	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	3/14/2022	NS	NS	NS	NS	NS	BRL
	6/6/2022	40.6	14.8	298	<5.0	<2.0	BRL
	CHANGE	↓	↓	↑	NA	NA	
MW-12	11/17/2020	<5.0	55.3	<5.0	<5.0	<2.0	BRL
	08/18/2021	<5.0	39.2	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/14/2022	<5.0	24.5	<5.0	<5.0	<2.0	BRL
	6/8/2022	<5.0	48.7	<5.0	<5.0	<2.0	BRL
	CHANGE	NA		NA	NA	NA	
MW-12D	11/17/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	08/17/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/14/2022	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	6/8/2022	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	CHANGE	NA	NA	NA	NA	NA	
MW-14	3/6/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/18/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/16/2022	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	6/8/2022	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	CHANGE	NA	NA	NA	NA	NA	
MW-14D	4/1/2019	<5.0	524	11.0	<5.0	<2.0	BRL
	11/18/2020	<5.0	439	23.5	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/16/2022	<5.0	234	25.2	<5.0	<2.0	BRL
	6/8/2022	<5.0	281	27.6	<5.0	<2.0	BRL
	CHANGE	NA	↓	↑	NA	NA	
MW-15	11/18/2020	<5.0	32.6	<5.0	<5.0	<2.0	BRL
	08/13/2021	<5.0	35.1	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/16/2022	<5.0	13.5	<5.0	<5.0	<2.0	BRL
	6/9/2022	<5.0	36.8	<5.0	<5.0	<2.0	BRL
	CHANGE	NA		NA	NA	NA	
MW-15D	11/18/2020	<5.0	<5.0	588	54.2	<2.0	BRL
	08/13/2021	<5.0	<5.0	618	42.5	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/16/2022	<5.0	<5.0	82.6	<5.0	<2.0	BRL
	6/9/2022	<5.0	<5.0	60.1	<5.0	<2.0	BRL
	CHANGE	NA	NA	↓	↓	NA	
MW-22	11/17/2020	11.8	68.7	<5.0	<5.0	<2.0	BRL
	08/13/2021	11.1	66.7	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/15/2022	<5.0	<5.0	6.5	<5.0	<2.0	BRL
	6/8/2022	5.8	38.1	131	<5.0	6.7	BRL
	CHANGE	↓	↓	↑	NA	↑	

		PCE	TCE	cDCE	tDCE	VC	Other VOCs
IDEM RCG Residential TWSL's		5	5	70	100	2	Varies
IDEM RCG Residential VESL's		110	9.1	NE	NE	2.1	Varies
IDEM RCG Industrial VESL's		470	38	NE	NE	35	Varies
MW-22D	11/17/2020	10.5	32.8	<5.0	<5.0	<2.0	BRL
	08/13/2021	10.4	33	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/15/2022	11.5	37.8	10.6	<5.0	<2.0	BRL
	6/8/2022	13.6	41.4	61.9	<5.0	2.9	BRL
	CHANGE		↑	↑	NA	↑	
MW-23	8/21/2017	115	234	<5.0	<5.0	<2.0	BRL
	3/11/2019	15.7	21.9	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/15/2022	<5.0	<5.0	731	<5.0	29.8	BRL
	6/6/2022	<5.0	<5.0	65.7	<5.0	3.0	BRL
	CHANGE	↓	↓	↑	NA	↑	
MW-24	11/16/2020	64.9	35.9	<5.0	<5.0	<2.0	BRL
	08/18/2021	94	79	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/17/2022	52.3	41.2	59.1	<5.0	<2.0	BRL
	6/7/2022	95.0	51.1	110	<5.0	<2.0	BRL
	CHANGE		↓	↑	NA	NA	
MW-26	11/17/2020	27.9	47.6	<5.0	<5.0	<2.0	BRL
	08/12/2021	23.5	50.5	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/16/2022	<5.0	8.1	11.1	<5.0	80.2	BRL
	6/6/2022	7.4	11.2	<5.0	<5.0	36.9	BRL
	CHANGE	↓	↓	↑	NA	↑	
MW 32 (Deep Well paired with MW-26)	3/11/2019	16.1	37.9	<5.0	<5.0	<2.0	BRL
	03/28/2019	15.8	29.5	<5.0	<5.0	<5.0	BRL
	11/16/2020	7.6	7.8	8.2	<5.0	<2.0	BRL
	08/12/2021	6.2	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/16/2022	12.5	22.3	29.8	<5.0	<2.0	BRL
	3/16/22 Dup	11.9	19.6	24.3	<5.0	<2.0	BRL
	6/6/2022	15.0	26.4	33.8	<5.0	<2.0	BRL
	CHANGE	↑	↑	↑	NA	NA	
MW-29	3/27/2019	6.8	40.6	<5.0	<5.0	<2.0	BRL
	08/16/2021	13.5	47.8	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/14/2022	<5.0	<5.0	41.0	<5.0	<2.0	BRL
	6/8/2022	<5.0	<5.0	67.0	<5.0	<2.0	BRL
	CHANGE	↓	↓	↑	NA	NA	
MW-29D	11/17/2020	7.4	75.9	90	<5.0	<2.0	BRL
	08/16/2021	13	122	47.5	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/14/2022	12.6	110	58.1	<5.0	<2.0	BRL
	6/8/2022	19.2	143	75.3	<5.0	<2.0	BRL
	CHANGE				NA	NA	
MW-30	11/17/2020	636	214	<5.0	<5.0	<2.0	BRL
	08/16/2021	526	245	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/15/2022	178	143	1430	6.4	79.9	BRL
	3/15/22 Dup	167	139	1920	6.1	96.1	BRL
	6/6/2022	19.5	13.0	4500	38.2	112	BRL
	CHANGE	↓	↓	↑	↑	↑	

		PCE	TCE	cDCE	tDCE	VC	Other VOCs
IDEM RCG Residential TWSL's		5	5	70	100	2	Varies
IDEM RCG Residential VESL's		110	9.1	NE	NE	2.1	Varies
IDEM RCG Industrial VESL's		470	38	NE	NE	35	Varies
MW-33	11/17/2020	28.4	56.6	<5.0	<5.0	<2.0	BRL
	08/13/2021	29.5	63.8	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/16/2022	31.1	57.1	27.5	<5.0	<2.0	BRL
	6/7/2022	35.3	53.3	19.6	<5.0	6.7	BRL
	CHANGE			↑	NA	↑	
MW-33D	11/17/2020	24.6	68.6	<5.0	<5.0	<2.0	BRL
	08/13/2021	12.2	47.9	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/16/2022	28.9	93.7	5.8	<5.0	<2.0	BRL
	6/7/2022	36.5	109	5.7	<5.0	<2.0	BRL
	6/7/2022 DUP A	35.8	107	5.6	<5.0	<2.0	BRL
	CHANGE	↑	↑	↑	NA	NA	
MW-36	03/05/2021	9.2	38.4	<5.0	<5.0	<2.0	BRL
	08/18/2021	<5.0	12.2	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/17/2022	26.1	80.6	<5.0	<5.0	<2.0	BRL
	6/9/2022	19.6	52.9	<5.0	<5.0	<2.0	BRL
	CHANGE	↑	↑	NA	NA	NA	
MW-37	03/05/2021	17.8	12.6	<5.0	<5.0	<2.0	BRL
	08/16/2021	22.5	23.9	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/16/2022	26.3	38.5	<5.0	<5.0	<2.0	BRL
	6/6/2022	32.7	35.8	<5.0	<5.0	<2.0	BRL
	6/6/2022 DUP B	32.5	36.1	<5.0	<5.0	<2.0	BRL
	CHANGE	↑	↑	NA	NA	NA	
MW-39	03/04/2021	14.4	36.7	<5.0	<5.0	4.7	BRL
	08/13/2021	10.3	43.3	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/16/2022	21.5	50.9	<5.0	<5.0	3.5	BRL
	6/6/2022	30.0	63.7	<5.0	<5.0	3.7	BRL
	CHANGE	↑	↑	NA	NA		
MW-40	03/03/2021	<5.0	159	296	405	2.2	BRL
	08/16/2021	<5.0	193	160	187	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/16/2022	<5.0	197	65.8	66.2	<2.0	BRL
	6/7/2022	<5.0	212	50.9	44.6	<2.0	BRL
	CHANGE	NA	↑	↓	↓	NA	
MW-41	03/03/2021	<5.0	304	5.3	<5.0	3.5	BRL
	08/13/2021	<5.0	250	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/14/2022	<5.0	139	178	<5.0	2.9	BRL
	6/8/2022	<5.0	163	84.1	<5.0	2.8	BRL
	CHANGE	NA	↓	↑	NA	↑	
MW-41D	03/03/2021	<5.0	248	6.6	<5.0	<2.0	BRL
	08/13/2021	<5.0	236	9.7	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/17/2022	<5.0	<5.0	435	<5.0	3.3	BRL
	6/8/2022	<5.0	<5.0	299	<5.0	24.7	BRL
	CHANGE	NA	↓	↑	NA	↑	

		PCE	TCE	cDCE	tDCE	VC	Other VOCs
IDEM RCG Residential TWSL's		5	5	70	100	2	Varies
IDEM RCG Residential VESL's		110	9.1	NE	NE	2.1	Varies
IDEM RCG Industrial VESL's		470	38	NE	NE	35	Varies
MW-42	03/05/2021	<5.0	131	<5.0	<5.0	<2.0	BRL
	08/16/2021	<5.0	201	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/15/2022	<5.0	84.0	<5.0	<5.0	<2.0	BRL
	6/9/2022	<5.0	187	<5.0	<5.0	<2.0	BRL
	CHANGE	NA	↓	NA	NA	NA	
MW-42D	03/05/2021	<5.0	48.8	369	26.4	<2.0	BRL
	08/16/2021	<5.0	71.7	231	14.4	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/15/2022	<5.0	132	171	13.6	<2.0	BRL
	6/9/2022	<5.0	111	312	27	<2.0	BRL
	CHANGE	NA	↑			NA	
MW-43	03/04/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	08/12/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/16/2022	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	6/9/2022	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	CHANGE	NA	NA	NA	NA	NA	
MW-43D	03/04/2021	<5.0	<5.0	10.7	<5.0	<2.0	BRL
	08/12/2021	<5.0	7.9	10	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/16/2022	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	6/9/2022	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	CHANGE	NA	↓	↓	NA	NA	
MW-46I	03/02/2021	<5.0	29.7	40.5	<5.0	<2.0	BRL
	08/17/2021	<5.0	31.2	45.3	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021 and Spring 2022						
	3/15/2022	NS	NS	NS	NS	NS	NS
	6/8/2022	<5.0	29.8	46.3	5.0	<2.0	BRL
	CHANGE	NA				NA	
Semi-Annual Wells							
MW-25	11/16/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	08/18/2021	<5.0	5.1	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	CHANGE	NA	↓	NA	NA	NA	
MW-31 (Deep well paired with MW-30)	11/17/2020	13.3	<5.0	<5.0	<5.0	<2.0	BRL
	08/16/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	<5.0	<5.0	<5.0	5.5	<2.0	BRL
	CHANGE	↓	NA	NA	↑	NA	
MW-40D	03/03/2021	<5.0	<5.0	6.6	5.4	<2.0	BRL
	08/16/2021	<5.0	<5.0	6.1	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	6/7/2022	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	CHANGE	NA	NA	↓	↓	NA	

Notes

↓	= Decrease since injections
↓	= Decreased to BRL since injections
	= No distinct trend since injections
↑	= Increase since injections
BOLD	= Constituent detected above Laboratory Reporting Limit
BOLD	= Constituent detected above IDEM RCG Residential TWSL's
BOLD	= Constituent detected above IDEM RCG Residential VESL's
BOLD	= Constituent detected above IDEM RCG Industrial VESL's
NE = No Screening Level Established	
NS = Not Sampled	
BRL = Below Laboratory Reporting Limit	
NA = Not Applicable	

TABLE 5 COMPREHENSIVE GROUNDWATER ANALYTICAL RESULTS HRID / Former Houghland Tomato Cannery Property Franklin, Indiana							
		PCE	TCE	cDCE	tDCE	VC	Other VOCs
IDEM RCG Residential TWSL's		5	5	70	100	2	Varies
IDEM RCG Residential VESL's		110	9.1	NE	NE	2.1	Varies
IDEM RCG Industrial VESL's		470	38	NE	NE	35	Varies
Sample Identification	Date Collected	Analytical Results in micrograms per liter (ug/L)					
MW-10	9/24/2013	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	3/7/2014	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	9/1/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	3/11/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/16/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	3/4/2021	NS	NS	NS	NS	NS	BRL
	8/13/2021	NS	NS	NS	NS	NS	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-11	3/5/2014	135	94.4	< 5.0	< 5.0	< 2.0	BRL
	9/24/2013	94.6	83.2	< 5.0	< 5.0	< 2.0	BRL
	9/1/2016	136	110	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	124	82.4	< 5.0	< 5.0	< 2.0	BRL
	6/15/2018	102	60.0	< 5.0	< 5.0	< 2.0	BRL
	02/08/2019	68.7	50.4	<5.0	<5.0	<2.0	BRL
	03/05/2019	39.6	29.5	<5.0	<5.0	<2.0	BRL
	3/29/2019	45.3	31.5	<5.0	<5.0	<2.0	BRL
	11/17/2020	110	37.5	<5.0	<5.0	<2.0	BRL
	3/4/2021	NS	NS	NS	NS	NS	BRL
	8/13/2021	NS	NS	NS	NS	NS	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	40.6	14.8	298	<5.0	<2.0	BRL
MW-11D	6/15/2018	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	02/08/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	03/05/2019	7.2	<5.0	<5.0	<5.0	<2.0	BRL
	3/29/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/17/2020	<5.0	<2.0	<5.0	<5.0	<2.0	BRL
	3/4/2021	NS	NS	NS	NS	NS	BRL
	8/13/2021	NS	NS	NS	NS	NS	BRL
	Remedial Injections - Fall 2021						
	03/15/2022	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	6/6/2022	NS	NS	NS	NS	NS	NS
MW 12	3/5/2014	< 5.0	10.3	< 5.0	< 5.0	< 2.0	BRL
	3/3/2014	< 5.0	10.3	< 5.0	< 5.0	< 2.0	BRL
	9/1/2016	< 5.0	42.4	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	02/05/2019	<5.0	38.8	<5.0	<5.0	<2.0	BRL
	3/7/2019	<5.0	42.0	<5.0	<5.0	<2.0	BRL
	4/1/2019	<5.0	29.9	<5.0	<5.0	<2.0	BRL
	11/17/2020	<5.0	55.3	<5.0	<5.0	<2.0	BRL
	3/4/2021	NS	NS	NS	NS	NS	BRL
	08/18/2021	<5.0	39.2	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/14/2022	<5.0	24.5	<5.0	<5.0	<2.0	BRL
	6/8/2022	<5.0	48.7	<5.0	<5.0	<2.0	BRL

		PCE	TCE	cDCE	tdDCE	VC	Other VOCs
MW 12D	02/05/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	3/7/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	4/1/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/17/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	3/4/2021	NS	NS	NS	NS	NS	BRL
	08/17/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/14/2022	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	6/8/2022	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-13	9/24/2013	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	3/5/2014	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	9/1/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	11/17/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	3/4/2021	NS	NS	NS	NS	NS	BRL
	8/13/2021	NS	NS	NS	NS	NS	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-14	9/25/2013	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	3/7/2014	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	02/08/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	3/6/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	4/1/2019	<5.0	495	7.7	<5.0	<2.0	BRL
	11/18/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	3/4/2021	NS	NS	NS	NS	NS	BRL
	8/13/2021	NS	NS	NS	NS	NS	BRL
	Remedial Injections - Fall 2021						
	03/16/2022	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	6/8/2022	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-14D	02/08/2019	<5.0	583	26.4	<5.0	<2.0	BRL
	3/6/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	4/1/2019	<5.0	524	11	<5.0	<2.0	BRL
	11/18/2020	<5.0	439	23.5	<5.0	<2.0	BRL
	3/4/2021	NS	NS	NS	NS	NS	BRL
	8/13/2021	NS	NS	NS	NS	NS	BRL
	Remedial Injections - Fall 2021						
	03/16/2022	<5.0	234	25.2	<5.0	<2.0	BRL
	6/8/2022	<5.0	281	27.6	<5.0	<2.0	BRL
MW-15	9/25/2013	< 5.0	26.3	< 5.0	< 5.0	< 2.0	BRL
	3/7/2014	< 5.0	16.6	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	< 5.0	42.3	< 5.0	< 5.0	< 2.0	BRL
	6/15/2018	< 5.0	50.3	< 5.0	< 5.0	< 2.0	BRL
	02/08/2019	<5.0	49.3	<5.0	<5.0	<2.0	BRL
	3/6/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	4/1/2019	<5.0	6.7	579	18.1	<2.0	BRL
	11/18/2020	<5.0	32.6	<5.0	<5.0	<2.0	BRL
	3/4/2021	NS	NS	NS	NS	NS	BRL
	08/13/2021	<5.0	35.1	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/16/2022	<5.0	13.5	<5.0	<5.0	<2.0	BRL
	6/9/2022	<5.0	36.8	<5.0	<5.0	<2.0	BRL

		PCE	TCE	cDCE	tdCE	VC	Other VOCs
MW-15D	6/15/2018	< 5.0	120	384	42.3	< 2.0	BRL
	02/08/2019	<5.0	12.3	780	53.5	<2.0	BRL
	3/6/2019	<5.0	7.8	430	17.9	<2.0	BRL
	4/1/2019	<5.0	<5.0	557	29.5	<2.0	BRL
	11/18/2020	<5.0	<5.0	588	54.2	<2.0	BRL
	3/4/2021	NS	NS	NS	NS	NS	BRL
	08/13/2021	<5.0	<5.0	618	42.5	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/16/2022	<5.0	<5.0	82.6	<5.0	<2.0	BRL
	6/9/2022	<5.0	<5.0	60.1	<5.0	<2.0	BRL
MW-16	9/25/2013	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	3/7/2014	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	3/6/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/18/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	3/4/2021	NS	NS	NS	NS	NS	BRL
	8/13/2021	NS	NS	NS	NS	NS	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-17	9/25/2013	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	3/7/2014	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	3/6/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/16/2020	NS	NS	NS	NS	NS	BRL
	3/4/2021	NS	NS	NS	NS	NS	BRL
	8/13/2021	NS	NS	NS	NS	NS	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-18	3/3/2014	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/16/2020	NS	NS	NS	NS	NS	BRL
	3/4/2021	NS	NS	NS	NS	NS	BRL
	8/13/2021	NS	NS	NS	NS	NS	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-19	3/3/2014	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	3/12/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/16/2020	NS	NS	NS	NS	NS	BRL
	3/4/2021	NS	NS	NS	NS	NS	BRL
	8/13/2021	NS	NS	NS	NS	NS	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-20	3/3/2014	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	9/1/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	3/12/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/16/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	3/4/2021	NS	NS	NS	NS	NS	BRL
	8/13/2021	NS	NS	NS	NS	NS	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS

		PCE	TCE	cDCE	tdCE	VC	Other VOCs
MW-21	3/3/2014	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	9/1/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	3/12/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/16/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	3/4/2021	NS	NS	NS	NS	NS	BRL
	8/13/2021	NS	NS	NS	NS	NS	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-22	3/5/2014	8.5	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	9/1/2016	8.4	89.5	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	9.6	86.4	< 5.0	< 5.0	< 2.0	BRL
	6/14/2018	8.9	73.9	<5.0	<5.0	<2.0	BRL
	02/08/2019	8.1	71.5	10.8	<5.0	<2.0	BRL
	3/7/2019	5.8	30	<5.0	<5.0	<2.0	BRL
	3/27/2019	6.7	30.8	<5.0	<5.0	<2.0	BRL
	11/17/2020	11.8	68.7	<5.0	<5.0	<2.0	BRL
	3/4/2021	NS	NS	NS	NS	NS	BRL
	08/13/2021	11.1	66.7	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/15/2022	<5.0	<5.0	6.5	<5.0	<2.0	BRL
	6/8/2022	5.8	38.1	131	<5.0	6.7	BRL
	MW-22D	6/14/2018	7.4	34.6	< 5.0	< 5.0	< 2.0
02/08/2019		9.1	42.6	<5.0	<5.0	<2.0	BRL
3/7/2019		13.3	43.6	<5.0	<5.0	<2.0	BRL
3/27/2019		7.4	32.1	<5.0	<5.0	<2.0	BRL
11/17/2020		10.5	32.8	<5.0	<5.0	<2.0	BRL
3/4/2021		NS	NS	NS	NS	NS	BRL
08/13/2021		10.4	33	<5.0	<5.0	<2.0	BRL
Remedial Injections - Fall 2021							
03/15/2022		11.5	37.8	10.6	<5.0	<2.0	BRL
6/8/2022		13.6	41.4	61.9	<5.0	2.9	BRL
MW-23		3/3/2014	141	469	< 5.0	< 5.0	< 2.0
	9/1/2016	156	323	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	115	234	<5.0	<5.0	<2.0	BRL
	3/11/2019	15.7	21.9	<5.0	<5.0	<2.0	BRL
	11/16/2020	Well Dry - Not Sampled					
	3/4/2021	NS	NS	NS	NS	NS	BRL
	8/13/2021	NS	NS	NS	NS	NS	BRL
	Remedial Injections - Fall 2021						
	03/15/2022	<5.0	<5.0	731	<5.0	29.8	BRL
	6/6/2022	<5.0	<5.0	65.7	<5.0	3.0	BRL
	MW-24	3/6/2014	183	65.6	< 5.0	< 5.0	< 2.0
9/1/2016		185	52.0	< 5.0	< 5.0	< 2.0	BRL
8/21/2017		167	59.0	<5.0	<5.0	<2.0	BRL
3/12/2019		55.2	60.2	<5.0	<5.0	<2.0	BRL
11/16/2020		64.9	35.9	<5.0	<5.0	<2.0	BRL
3/4/2021		NS	NS	NS	NS	NS	BRL
08/18/2021		94	79	<5.0	<5.0	<2.0	BRL
Remedial Injections - Fall 2021							
03/17/2022		52.3	41.2	59.1	<5.0	<2.0	BRL
6/7/2022		95.0	51.1	110	<5.0	<2.0	BRL

		PCE	TCE	cDCE	tdDCE	VC	Other VOCs
MW-25	3/5/2014	< 5.0	9.4	< 5.0	< 5.0	< 2.0	BRL
	11/16/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	3/4/2021	NS	NS	NS	NS	NS	BRL
	08/18/2021	<5.0	5.1	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-26	3/5/2014	26.9	63.1	< 5.0	< 5.0	< 2.0	BRL
	9/1/2016	22.2	55.4	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	21.8	48.0	<5.0	<5.0	<2.0	BRL
	6/14/2018	22.3	39.8	<5.0	<5.0	<2.0	BRL
	02/05/2019	14.8	46.1	<5.0	<5.0	<2.0	BRL
	3/11/2019	12.5	35.5	<5.0	<5.0	<2.0	BRL
	03/28/2019	15.6	31	<5.0	<5.0	<2.0	BRL
	11/17/2020	27.9	47.6	<5.0	<5.0	<2.0	BRL
	3/4/2021	NS	NS	NS	NS	NS	BRL
	08/12/2021	23.5	50.5	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/16/2022	<5.0	8.1	11.1	<5.0	80.2	BRL
MW 32 (Deep Well paired with MW-26)	6/6/2022	7.4	11.2	<5.0	<5.0	36.9	BRL
	8/21/2017	11.0	26.9	19.1	< 5.0	< 2.0	BRL
	6/15/2018	15.1	27.1	26.5	< 5.0	< 2.0	BRL
	02/05/2019	8.0	9.4	5.9	<5.0	<2.0	BRL
	3/11/2019	16.1	37.9	<5.0	<5.0	<2.0	BRL
	03/28/2019	15.8	29.5	<5.0	<5.0	<5.0	BRL
	11/16/2020	7.6	7.8	8.2	<5.0	<2.0	BRL
	3/4/2021	NS	NS	NS	NS	NS	BRL
	08/12/2021	6.2	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
MW-27	03/16/2022	12.5	22.3	29.8	<5.0	<2.0	BRL
		11.9	19.6	24.3	<5.0	<2.0	BRL
	6/6/2022	15.0	26.4	33.8	<5.0	<2.0	BRL
	3/5/2014	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	9/1/2016	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	3/11/2019	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	BRL
	11/16/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	3/4/2021	NS	NS	NS	NS	NS	BRL
MW-28	8/13/2021	NS	NS	NS	NS	NS	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS
	3/7/2014	< 5.0	< 5.0	19.3	< 5.0	< 2.0	BRL
	8/22/2017	< 5.0	< 5.0	47.7	< 5.0	< 2.0	BRL
	3/6/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/18/2020	<5.0	<5.0	56.8	<5.0	<2.0	BRL
	3/4/2021	NS	NS	NS	NS	NS	BRL
	08/16/2021	<5.0	<5.0	57.8	7.4	<2.0	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS

		PCE	TCE	cDCE	tdCE	VC	Other VOCs
MW 29	3/7/2014	14.5	153	< 5.0	< 5.0	< 2.0	BRL
	9/1/2016	13.6	128	< 5.0	< 5.0	< 2.0	BRL
	8/21/2017	13.4	106	< 5.0	< 5.0	< 2.0	BRL
	6/14/2018	14.0	97.6	< 5.0	< 5.0	< 2.0	BRL
	02/05/2019	<5.0	34.5	<5.0	<5.0	<2.0	BRL
	3/7/2019	<5.0	15.7	<5.0	<5.0	<2.0	BRL
	3/27/2019	6.8	40.6	<5.0	<5.0	<2.0	BRL
	11/16/2020	Well Dry - Not Sampled					
	3/4/2021	NS	NS	NS	NS	NS	BRL
	08/16/2021	13.5	47.8	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/14/2022	<5.0	<5.0	41.0	<5.0	<2.0	BRL
	6/8/2022	<5.0	<5.0	67.0	<5.0	<2.0	BRL
MW 29D	6/14/2018	12.9	148	33.6	< 5.0	< 2.0	BRL
	02/05/2019	13.4	149	25.7	<5.0	<2.0	BRL
	3/7/2019	14.4	124	21.2	<5.0	<2.0	BRL
	3/27/2019	9.8	106	21.4	<5.0	<2.0	BRL
	11/17/2020	7.4	75.9	90	<5.0	<2.0	BRL
	3/4/2021	NS	NS	NS	NS	NS	BRL
	08/16/2021	13	122	47.5	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/14/2022	12.6	110	58.1	<5.0	<2.0	BRL
	6/8/2022	19.2	143	75.3	<5.0	<2.0	BRL
MW-30	9/1/2016	695	386	< 5.0	< 5.0	< 2.0	BRL
	8/22/2017	475	253	< 5.0	< 5.0	< 2.0	BRL
	6/15/18	520	283	< 5.0	< 5.0	< 2.0	BRL
	02/08/2019	171	173	<5.0	<5.0	<2.0	BRL
	3/11/2019	293	163	<5.0	<5.0	<2.0	BRL
	3/29/2019	444	159	<5.0	<5.0	<2.0	BRL
	11/17/2020	636	214	<5.0	<5.0	<2.0	BRL
	3/4/2021	NS	NS	NS	NS	NS	BRL
	08/16/2021	526	245	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/15/2022	178	143	1430	6.4	79.9	BRL
		167	139	1920	6.1	96.1	BRL
	6/6/2022	19.5	13.0	4500	38.2	112	BRL
MW-31 (Deep well paired with MW-30)	8/22/2017	5.7	<5.0	< 5.0	< 5.0	< 2.0	BRL
	6/15/2018	< 5.0	<5.0	< 5.0	< 5.0	< 2.0	BRL
	02/08/2019	<5.0	<5.0	5.4	<5.0	<2.0	BRL
	3/11/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	3/29/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/17/2020	13.3	<5.0	<5.0	<5.0	<2.0	BRL
	3/4/2021	NS	NS	NS	NS	NS	BRL
	08/16/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW 33	02/05/2019	28.9	61	<5.0	<5.0	<2.0	BRL
	3/7/2019	46.0	71.1	5.6	<5.0	<2.0	BRL
	03/28/2019	7.8	29.3	<5.0	<5.0	<2.0	BRL
	11/17/2020	28.4	56.6	<5.0	<5.0	<2.0	BRL
	3/4/2021	NS	NS	NS	NS	NS	BRL
	08/13/2021	29.5	63.8	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/16/2022	31.1	57.1	27.5	<5.0	<2.0	BRL
	6/7/2022	35.3	53.3	19.6	<5.0	6.7	BRL

		PCE	TCE	cDCE	tdCE	VC	Other VOCs
MW 33D	02/05/2019	21.1	114	<5.0	<5.0	<2.0	BRL
	3/7/2019	35.4	97.3	<5.0	<5.0	<2.0	BRL
	03/28/2019	17.1	59.9	<2.0	<5.0	<2.0	BRL
	11/17/2020	24.6	68.6	<5.0	<5.0	<2.0	BRL
	3/4/2021	NS	NS	NS	NS	NS	BRL
	08/13/2021	12.2	47.9	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/16/2022	28.9	93.7	5.8	<5.0	<2.0	BRL
	6/7/2022	36.5	109	5.7	<5.0	<2.0	BRL
MW-34	11/18/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	03/04/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	8/13/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-34D	11/18/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	03/04/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	8/13/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-35	11/18/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	03/04/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	8/13/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-35D	11/18/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	03/04/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	8/13/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-36	11/18/2020	11.9	39.2	<5.0	<5.0	<2.0	BRL
	03/05/2021	9.2	38.4	<5.0	<5.0	<2.0	BRL
	08/18/2021	<5.0	12.2	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/17/2022	26.1	80.6	<5.0	<5.0	<2.0	BRL
	6/9/2022	19.6	52.9	<5.0	<5.0	<2.0	BRL
MW-36D	11/18/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	03/05/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	08/18/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-37	11/18/2020	23.8	23.5	<5.0	<5.0	<2.0	BRL
	03/05/2021	17.8	12.6	<5.0	<5.0	<2.0	BRL
	08/16/2021	22.5	23.9	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/16/2022	26.3	38.5	<5.0	<5.0	<2.0	BRL
	6/6/2022	32.7	35.8	<5.0	<5.0	<2.0	BRL
MW-37D	11/18/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	03/05/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	08/16/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS

		PCE	TCE	cDCE	tdCE	VC	Other VOCs
MW-38	11/17/2020	47.6	35.1	<5.0	<5.0	<2.0	BRL
	03/04/2021	35	27.1	<5.0	<5.0	<2.0	BRL
	08/12/2021	37.5	46.3	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-38D	11/17/2020	18.5	105	<5.0	<5.0	<2.0	BRL
	03/04/2021	13.2	99.7	<5.0	<5.0	<2.0	BRL
	08/12/2021	23.1	141	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-39	11/18/2020	8	12.4	<5.0	<5.0	9.9	BRL
	03/04/2021	14.4	36.7	<5.0	<5.0	4.7	BRL
	08/13/2021	10.3	43.3	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/16/2022	21.5	50.9	<5.0	<5.0	3.5	BRL
	6/6/2022	30.0	63.7	<5.0	<5.0	3.7	BRL
MW-39D	11/18/2020	<5.0	<5.0	10.9	<5.0	<2.0	BRL
	03/04/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	08/13/2021	<5.0	<5.0	23.8	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-40	11/18/2020	<5.0	213	401	640	4.1	BRL
	03/03/2021	<5.0	159	296	405	2.2	BRL
	08/16/2021	<5.0	193	160	187	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/16/2022	<5.0	197	65.8	66.2	<2.0	BRL
	6/7/2022	<5.0	212	50.9	44.6	<2.0	BRL
MW-40D	11/18/2020	<5.0	<5.0	15.5	22.1	<2.0	BRL
	03/03/2021	<5.0	<5.0	6.6	5.4	<2.0	BRL
	08/16/2021	<5.0	<5.0	6.1	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-41	11/17/2020	<5.0	400	6.3	<5.0	3.3	BRL
	03/03/2021	<5.0	304	5.3	<5.0	3.5	BRL
	08/13/2021	<5.0	250	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/14/2022	<5.0	139	178	<5.0	2.9	BRL
	6/8/2022	<5.0	163	84.1	<5.0	2.8	BRL
MW-41D	11/17/2020	<5.0	277	7.1	<5.0	<2.0	BRL
	03/03/2021	<5.0	248	6.6	<5.0	<2.0	BRL
	08/13/2021	<5.0	236	9.7	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/17/2022	<5.0	<5.0	435	<5.0	3.3	BRL
	6/8/2022	<5.0	<5.0	299	<5.0	24.7	BRL
MW-42	11/17/2020	<5.0	258	<5.0	<5.0	<2.0	BRL
	03/05/2021	<5.0	131	<5.0	<5.0	<2.0	BRL
	08/16/2021	<5.0	201	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/15/2022	<5.0	84.0	<5.0	<5.0	<2.0	BRL
	6/9/2022	<5.0	187	<5.0	<5.0	<2.0	BRL

		PCE	TCE	cDCE	tdCE	VC	Other VOCs
MW-42D	11/17/2020	<5.0	46.4	450	37	<2.0	BRL
	03/05/2021	<5.0	48.8	369	26.4	<2.0	BRL
	08/16/2021	<5.0	71.7	231	14.4	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/15/2022	<5.0	132	171	13.6	<2.0	BRL
	6/9/2022	<5.0	111	312	27	<2.0	BRL
MW-43	11/18/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	03/04/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	08/12/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/16/2022	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	6/9/2022	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-43D	11/18/2020	<5.0	7.1	16.7	<5.0	<2.0	BRL
	03/04/2021	<5.0	<5.0	10.7	<5.0	<2.0	BRL
	08/12/2021	<5.0	7.9	10	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	03/16/2022	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	6/9/2022	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
MW-44	11/19/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	03/04/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	08/12/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-44D	11/19/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	03/04/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	08/12/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-45	11/19/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	03/03/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	08/12/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-45D	11/19/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	03/03/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	08/12/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-46	11/19/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	03/02/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	08/13/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-46I	11/19/2020	<5.0	35.7	43.1	<5.0	<2.0	BRL
	03/02/2021	<5.0	29.7	40.5	<5.0	<2.0	BRL
	08/17/2021	<5.0	31.2	45.3	<5.0	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/8/2022	<5.0	29.8	46.3	5.0	<2.0	BRL
MW-46D	11/19/2020	<5.0	<5.0	52.5	<5.0	<2.0	BRL
	03/02/2021	<5.0	<5.0	9.3	<5.0	<2.0	BRL
	08/13/2021	<5.0	<5.0	10	<5.0	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS

		PCE	TCE	cDCE	tdCE	VC	Other VOCs
MW-47	11/19/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	03/02/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	08/13/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-47I	11/19/2020	<5.0	<5.0	9.9	<5.0	<2.0	BRL
	03/02/2021	<5.0	<5.0	6.7	<5.0	<2.0	BRL
	08/17/2021	<5.0	<5.0	34.1	<5.0	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-47D	11/19/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	03/02/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	08/13/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-48	11/19/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	03/02/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	08/16/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-48D	11/19/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	03/02/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	08/16/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-49	11/19/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	03/03/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	08/16/2021	NS	NS	NS	NS	NS	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-49D	11/19/2020	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	3/3/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-50	08/17/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-50D	08/17/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-51	08/17/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-52	08/16/2021	<5.0	20.5	124	191	<2.0	BRL
	Remedial Injections - Fall 2021						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-52D	08/16/2021	<5.0	5.5	129	221	<2.0	BRL
	Remedial Injections - Fall 2021						
	44718	NS	NS	NS	NS	NS	NS
MW-53S (former TMW-1)	02/06/2019	<5.0	11.2	<5.0	<5.0	<2.0	BRL
	3/8/2019	<5.0	14.9	<5.0	<5.0	<2.0	BRL
	03/26/2019	<5.0	7	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS

		PCE	TCE	cDCE	tdCE	VC	Other VOCs
MW-53D (former TMW-1D)	02/06/2019	<5.0	24.2	510	41.6	<2.0	BRL
	3/8/2019	<5.0	19.8	660	<5.0	<2.0	BRL
	03/26/2019	<5.0	11.9	829	41	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-54S (former TMW-2)	02/06/2019	<5.0	94.1	<5.0	<5.0	<2.0	BRL
	3/8/2019	<5.0	106	<5.0	<5.0	<2.0	BRL
	03/26/2019	<5.0	73.7	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-54D (former TMW-2D)	02/06/2019	<5.0	15.9	550	43.4	<2.0	BRL
	3/8/2019	<5.0	40.9	250	<5.0	<2.0	BRL
	03/26/2019	<5.0	13.7	683	49.6	2.3	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-55S (former TMW-3)	02/06/2019	<5.0	30.4	<5.0	<5.0	<2.0	BRL
	3/8/2019	<5.0	37.3	<5.0	<5.0	<2.0	BRL
	03/26/2019	<5.0	25.2	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-55D (former TMW-3D)	02/06/2019	<5.0	383	1060	87.5	<2.0	BRL
	3/8/2019	<5.0	152	539	<5.0	<2.0	BRL
	03/26/2019	<5.0	288	904	78.4	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-56S (former TMW-4)	02/07/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	3/8/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	03/26/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-56D (former TMW-4D)	02/07/2019	<5.0	9.1	437	14.5	<2.0	BRL
	03/05/2019	<5.0	7.3	270	9.8	<2.0	BRL
	03/26/2019	<5.0	10.9	395	<5.0	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-57S (former TMW-5)	02/08/2019	<5.0	479	<5.0	<5.0	<2.0	BRL
	03/05/2019	<5.0	311	<5.0	<5.0	<2.0	BRL
	03/26/2019	<5.0	244	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-57D (former TMW-5D)	02/08/2019	<5.0	528	1560	139	<2.0	BRL
	03/05/2019	<5.0	444	1040	80.9	<2.0	BRL
	03/26/2019	<5.0	500	1220	112	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-58S (former TMW-6)	02/08/2019	<5.0	14.7	24.4	<5.0	<2.0	BRL
	03/05/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	03/27/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-58D (former TMW-6D)	02/08/2019	<5.0	<5.0	8.3	<5.0	<2.0	BRL
	03/05/2019	<5.0	<5.0	5.2	<5.0	<2.0	BRL
	03/27/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS

		PCE	TCE	cDCE	tdDCE	VC	Other VOCs
MW-59D (former TMW-8D)	11/05/2021	<5.0	<5.0	41.2	<5.0	<2.0	BRL
	12/02/2021	<5.0	<5.0	35.2	<5.0	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-60S (former TMW-9S)	11/04/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	12/02/2021	<5.0	<5.0	19.9	<5.0	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-60I (former TMW-9I)	11/04/2021	<5.0	240	150	15.5	<2.0	BRL
	12/02/2021	<5.0	175	213	16.9	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-60D (former TMW-9D)	11/04/2021	<5.0	27.7	1110	202	<2.0	BRL
	12/02/2021	<5.0	19.9	1430	208	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-61I (former TMW-10I)	11/04/2021	<5.0	<5.0	33.0	<5.0	<2.0	BRL
	12/02/2021	<5.0	<5.0	23.7	<5.0	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-61D (former TMW-10D)	11/05/2021	<5.0	<5.0	6.4	<5.0	<2.0	BRL
	12/02/2021	<5.0	<5.0	7.3	<5.0	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-62I (former TMW-12I)	12/01/2021	<5.0	277	774	62.8	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-62D (former TMW-12D)	11/05/2021	<5.0	<5.0	517	33.4	<2.0	BRL
	12/01/2021	<5.0	<5.0	704	30.9	3.1	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-63I (former TMW-13I)	11/04/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	12/01/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
MW-63D (former TMW-13D)	11/04/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	12/01/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	Remedial Injections - Spring 2022						
	6/6/2022	NS	NS	NS	NS	NS	NS
TMW-7	02/07/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	03/05/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	03/27/2019	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	11/16/2020	Well Abandoned					
TMW-7D	02/07/2019	<5.0	<5.0	780	38.2	<2.0	BRL
	03/05/2019	<5.0	19.2	246	14.2	<2.0	BRL
	03/27/2019	<5.0	<5.0	943	46	<2.0	BRL
	11/16/2020	Well Abandoned					
TMW-8S	11/05/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	12/01/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	4/14/2022	Well Abandoned					
TMW-10S	11/04/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	12/02/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	4/14/2022	Well Abandoned					

		PCE	TCE	cDCE	tDCE	VC	Other VOCs
TMW-11D	11/05/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	12/01/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	4/14/2022	Well Abandoned					
TMW-14D	11/04/2021	<5.0	<5.0	10.5	<5.0	<2.0	BRL
	12/01/2021	<5.0	<5.0	<5.0	<5.0	<2.0	BRL
	4/14/2022	Well Abandoned					

Notes

BOLD
BOLD
BOLD
BOLD

NE = No Screening Level Established for Constituent

BRL - Below Laboratory Reporting Limit

- = Constituent detected above Laboratory Reporting Limit
- = Constituent detected above IDEM RCG Residential TWSL's
- = Constituent detected above IDEM RCG Residential VESL's
- = Constituent detected above IDEM RCG Industrial VESL's

NS=Not Sampled

APPENDIX C

2Q2022 LOW FLOW SAMPLING LOGS

Low-Flow Test Report:

Test Date / Time: 6/6/2022 10:23:56 AM
Project: HRID 2Q2022 MW-11
Operator Name: Danielle Richardson

Location Name: HRID MW-11 Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 3 ft Total Depth: 13.79 ft Initial Depth to Water: 8.06 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 11 ft Estimated Total Volume Pumped: 4200 ml Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/6/2022 10:23 AM	00:00	7.46 pH	58.02 °F	689.97 µS/cm	0.09 mg/L	158.55 NTU	-110.3 mV	8.06 ft	200.00 ml/min
6/6/2022 10:24 AM	01:00	7.48 pH	57.65 °F	692.92 µS/cm	0.07 mg/L	145.77 NTU	-112.9 mV	8.06 ft	200.00 ml/min
6/6/2022 10:25 AM	02:00	7.49 pH	57.53 °F	701.92 µS/cm	0.06 mg/L	119.32 NTU	-115.2 mV	8.06 ft	200.00 ml/min
6/6/2022 10:26 AM	03:00	7.50 pH	57.55 °F	711.13 µS/cm	0.06 mg/L	98.86 NTU	-117.5 mV	8.06 ft	200.00 ml/min
6/6/2022 10:27 AM	04:00	7.50 pH	57.47 °F	720.47 µS/cm	0.06 mg/L	72.50 NTU	-119.1 mV	8.06 ft	200.00 ml/min
6/6/2022 10:28 AM	05:00	7.50 pH	57.54 °F	723.49 µS/cm	0.05 mg/L	62.28 NTU	-120.6 mV	8.06 ft	200.00 ml/min
6/6/2022 10:29 AM	06:00	7.51 pH	58.46 °F	728.35 µS/cm	0.06 mg/L	61.21 NTU	-122.6 mV	8.06 ft	200.00 ml/min
6/6/2022 10:30 AM	07:00	7.50 pH	60.07 °F	730.58 µS/cm	0.06 mg/L	53.41 NTU	-124.3 mV	8.06 ft	200.00 ml/min
6/6/2022 10:31 AM	08:00	7.51 pH	59.99 °F	729.21 µS/cm	0.07 mg/L	45.26 NTU	-125.7 mV	8.06 ft	200.00 ml/min
6/6/2022 10:32 AM	09:00	7.51 pH	59.68 °F	729.43 µS/cm	0.08 mg/L	41.59 NTU	-126.7 mV	8.06 ft	200.00 ml/min
6/6/2022 10:33 AM	10:00	7.52 pH	58.19 °F	726.97 µS/cm	0.05 mg/L	39.23 NTU	-127.6 mV	8.06 ft	200.00 ml/min
6/6/2022 10:34 AM	11:00	7.53 pH	58.00 °F	727.15 µS/cm	0.05 mg/L	31.00 NTU	-128.6 mV	8.06 ft	200.00 ml/min
6/6/2022 10:35 AM	12:00	7.53 pH	57.97 °F	727.23 µS/cm	0.04 mg/L	25.96 NTU	-129.7 mV	8.06 ft	200.00 ml/min
6/6/2022 10:36 AM	13:00	7.54 pH	58.45 °F	726.93 µS/cm	0.05 mg/L	21.40 NTU	-130.8 mV	8.06 ft	200.00 ml/min
6/6/2022 10:37 AM	14:00	7.53 pH	59.08 °F	728.16 µS/cm	0.05 mg/L	17.20 NTU	-131.7 mV	8.06 ft	200.00 ml/min

6/6/2022 10:38 AM	15:00	7.54 pH	57.94 °F	729.67 µS/cm	0.05 mg/L	18.04 NTU	-132.0 mV	8.06 ft	200.00 ml/min
6/6/2022 10:39 AM	16:00	7.54 pH	57.14 °F	721.47 µS/cm	0.04 mg/L	17.80 NTU	-132.6 mV	8.06 ft	200.00 ml/min
6/6/2022 10:40 AM	17:00	7.55 pH	57.51 °F	723.94 µS/cm	0.04 mg/L	9.92 NTU	-133.3 mV	8.06 ft	200.00 ml/min
6/6/2022 10:41 AM	18:00	7.54 pH	57.91 °F	729.85 µS/cm	0.04 mg/L	7.72 NTU	-133.7 mV	8.06 ft	200.00 ml/min
6/6/2022 10:42 AM	19:00	7.55 pH	58.40 °F	731.56 µS/cm	0.04 mg/L	7.51 NTU	-134.4 mV	8.06 ft	200.00 ml/min
6/6/2022 10:43 AM	20:00	7.55 pH	58.35 °F	726.36 µS/cm	0.04 mg/L	5.52 NTU	-135.0 mV	8.06 ft	200.00 ml/min
6/6/2022 10:44 AM	21:00	7.55 pH	57.06 °F	723.24 µS/cm	0.04 mg/L	6.14 NTU	-135.1 mV	8.06 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW-11	VOCs

Low-Flow Test Report:

Test Date / Time: 6/8/2022 2:33:17 PM
Project: HRID 2Q2022 MW-12
Operator Name: Danielle Richardson

Location Name: HRID MW-12 Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 5 ft Total Depth: 15.1 ft Initial Depth to Water: 10.2 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 13 ft Estimated Total Volume Pumped: 4800 ml Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/8/2022 2:33 PM	00:00	7.71 pH	60.24 °F	750.02 µS/cm	3.98 mg/L	682.72 NTU	1.1 mV	10.20 ft	200.00 ml/min
6/8/2022 2:34 PM	01:00	7.44 pH	57.40 °F	751.67 µS/cm	2.63 mg/L	820.60 NTU	16.6 mV	10.20 ft	200.00 ml/min
6/8/2022 2:35 PM	02:00	7.38 pH	56.84 °F	753.30 µS/cm	2.46 mg/L	641.09 NTU	16.5 mV	10.20 ft	200.00 ml/min
6/8/2022 2:36 PM	03:00	7.36 pH	56.47 °F	749.32 µS/cm	2.26 mg/L	383.31 NTU	15.9 mV	10.20 ft	200.00 ml/min
6/8/2022 2:37 PM	04:00	7.34 pH	56.29 °F	747.09 µS/cm	2.08 mg/L	194.03 NTU	16.3 mV	10.20 ft	200.00 ml/min
6/8/2022 2:38 PM	05:00	7.33 pH	56.24 °F	751.62 µS/cm	2.18 mg/L	112.18 NTU	18.4 mV	10.20 ft	200.00 ml/min
6/8/2022 2:39 PM	06:00	7.32 pH	56.22 °F	754.75 µS/cm	2.32 mg/L	60.65 NTU	21.7 mV	10.20 ft	200.00 ml/min
6/8/2022 2:40 PM	07:00	7.31 pH	56.29 °F	756.38 µS/cm	2.36 mg/L	36.05 NTU	24.9 mV	10.20 ft	200.00 ml/min
6/8/2022 2:41 PM	08:00	7.31 pH	56.74 °F	755.95 µS/cm	2.18 mg/L	40.85 NTU	24.9 mV	10.20 ft	200.00 ml/min
6/8/2022 2:42 PM	09:00	7.30 pH	56.65 °F	757.34 µS/cm	2.54 mg/L	48.65 NTU	24.4 mV	10.20 ft	200.00 ml/min
6/8/2022 2:43 PM	10:00	7.30 pH	57.13 °F	756.47 µS/cm	2.33 mg/L	50.63 NTU	26.5 mV	10.20 ft	200.00 ml/min
6/8/2022 2:44 PM	11:00	7.29 pH	57.44 °F	752.64 µS/cm	2.08 mg/L	49.06 NTU	25.2 mV	10.20 ft	200.00 ml/min
6/8/2022 2:45 PM	12:00	7.29 pH	57.58 °F	753.01 µS/cm	2.12 mg/L	47.67 NTU	25.8 mV	10.20 ft	200.00 ml/min
6/8/2022 2:46 PM	13:00	7.27 pH	56.59 °F	755.82 µS/cm	2.32 mg/L	39.08 NTU	30.1 mV	10.20 ft	200.00 ml/min
6/8/2022 2:47 PM	14:00	7.28 pH	56.04 °F	752.21 µS/cm	2.29 mg/L	42.62 NTU	36.3 mV	10.20 ft	200.00 ml/min

6/8/2022 2:48 PM	15:00	7.27 pH	56.00 °F	754.71 µS/cm	2.33 mg/L	36.67 NTU	41.6 mV	10.20 ft	200.00 ml/min
6/8/2022 2:49 PM	16:00	7.27 pH	56.07 °F	755.29 µS/cm	2.26 mg/L	25.84 NTU	45.5 mV	10.20 ft	200.00 ml/min
6/8/2022 2:50 PM	17:00	7.27 pH	56.29 °F	757.07 µS/cm	2.28 mg/L	19.58 NTU	48.5 mV	10.20 ft	200.00 ml/min
6/8/2022 2:51 PM	18:00	7.26 pH	56.33 °F	757.47 µS/cm	2.22 mg/L	12.98 NTU	50.7 mV	10.20 ft	200.00 ml/min
6/8/2022 2:52 PM	19:00	7.26 pH	56.35 °F	755.94 µS/cm	2.33 mg/L	8.91 NTU	53.3 mV	10.20 ft	200.00 ml/min
6/8/2022 2:53 PM	20:00	7.26 pH	56.24 °F	753.36 µS/cm	2.23 mg/L	4.93 NTU	55.0 mV	10.20 ft	200.00 ml/min
6/8/2022 2:54 PM	21:00	7.25 pH	56.03 °F	755.39 µS/cm	2.31 mg/L	4.16 NTU	58.2 mV	10.20 ft	200.00 ml/min
6/8/2022 2:55 PM	22:00	7.25 pH	56.07 °F	755.82 µS/cm	2.23 mg/L	3.67 NTU	60.7 mV	10.20 ft	200.00 ml/min
6/8/2022 2:56 PM	23:00	7.25 pH	55.98 °F	754.55 µS/cm	2.22 mg/L	3.77 NTU	63.6 mV	10.20 ft	200.00 ml/min
6/8/2022 2:57 PM	24:00	7.24 pH	55.93 °F	754.72 µS/cm	2.24 mg/L	4.26 NTU	66.4 mV	10.20 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW-12	VOCs

Low-Flow Test Report:

Test Date / Time: 6/8/2022 2:00:07 PM
Project: HRID 2Q2022 MW-12D
Operator Name: Danielle Richardson

Location Name: HRID MW-12D Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 18 ft Total Depth: 28 ft Initial Depth to Water: 9.61 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 18 ft Estimated Total Volume Pumped: 3800 ml Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/8/2022 2:00 PM	00:00	8.58 pH	59.65 °F	457.07 µS/cm	0.65 mg/L	82.41 NTU	-227.2 mV	9.61 ft	200.00 ml/min
6/8/2022 2:01 PM	01:00	8.63 pH	58.05 °F	469.77 µS/cm	0.09 mg/L	41.13 NTU	-279.7 mV	9.61 ft	200.00 ml/min
6/8/2022 2:02 PM	02:00	8.76 pH	57.69 °F	457.77 µS/cm	0.06 mg/L	23.12 NTU	-312.7 mV	9.61 ft	200.00 ml/min
6/8/2022 2:03 PM	03:00	8.82 pH	57.62 °F	451.74 µS/cm	0.05 mg/L	14.79 NTU	-330.8 mV	9.61 ft	200.00 ml/min
6/8/2022 2:04 PM	04:00	8.83 pH	57.60 °F	461.62 µS/cm	0.04 mg/L	11.73 NTU	-341.6 mV	9.61 ft	200.00 ml/min
6/8/2022 2:05 PM	05:00	8.85 pH	57.60 °F	469.31 µS/cm	0.03 mg/L	10.69 NTU	-351.4 mV	9.61 ft	200.00 ml/min
6/8/2022 2:06 PM	06:00	8.85 pH	57.69 °F	478.38 µS/cm	0.03 mg/L	10.75 NTU	-356.8 mV	9.61 ft	200.00 ml/min
6/8/2022 2:07 PM	07:00	8.82 pH	57.82 °F	488.20 µS/cm	0.02 mg/L	12.67 NTU	-360.0 mV	9.61 ft	200.00 ml/min
6/8/2022 2:08 PM	08:00	8.86 pH	57.77 °F	488.89 µS/cm	0.02 mg/L	10.71 NTU	-367.3 mV	9.61 ft	200.00 ml/min
6/8/2022 2:09 PM	09:00	8.81 pH	57.87 °F	502.18 µS/cm	0.02 mg/L	11.38 NTU	-368.9 mV	9.61 ft	200.00 ml/min
6/8/2022 2:10 PM	10:00	8.81 pH	58.55 °F	505.97 µS/cm	0.02 mg/L	12.83 NTU	-371.3 mV	9.61 ft	200.00 ml/min
6/8/2022 2:11 PM	11:00	8.81 pH	58.75 °F	503.80 µS/cm	0.02 mg/L	12.87 NTU	-373.8 mV	9.61 ft	200.00 ml/min
6/8/2022 2:12 PM	12:00	8.83 pH	58.69 °F	505.99 µS/cm	0.02 mg/L	15.99 NTU	-377.9 mV	9.61 ft	200.00 ml/min
6/8/2022 2:13 PM	13:00	8.78 pH	58.30 °F	518.63 µS/cm	0.02 mg/L	13.56 NTU	-377.9 mV	9.61 ft	200.00 ml/min
6/8/2022 2:14 PM	14:00	8.77 pH	58.07 °F	519.08 µS/cm	0.01 mg/L	21.21 NTU	-380.6 mV	9.61 ft	200.00 ml/min

6/8/2022 2:15 PM	15:00	8.73 pH	57.41 °F	528.75 µS/cm	0.01 mg/L	38.07 NTU	-380.5 mV	9.61 ft	200.00 ml/min
6/8/2022 2:16 PM	16:00	8.74 pH	57.39 °F	543.49 µS/cm	0.01 mg/L	23.09 NTU	-382.3 mV	9.61 ft	200.00 ml/min
6/8/2022 2:17 PM	17:00	8.75 pH	57.38 °F	545.25 µS/cm	0.01 mg/L	21.45 NTU	-387.4 mV	9.61 ft	200.00 ml/min
6/8/2022 2:18 PM	18:00	8.72 pH	57.39 °F	551.71 µS/cm	0.01 mg/L	20.39 NTU	-387.8 mV	9.61 ft	200.00 ml/min
6/8/2022 2:19 PM	19:00	8.71 pH	57.96 °F	554.72 µS/cm	0.01 mg/L	21.87 NTU	-386.6 mV	9.61 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW-12D	VOCs

Low-Flow Test Report:

Test Date / Time: 6/8/2022 4:02:09 PM
Project: HRID 2Q2022 MW-14
Operator Name: Danielle Richardson

Location Name: HRID MW-14 Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 10 ft Total Depth: 20 ft Initial Depth to Water: 13.64 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 17 ft Estimated Total Volume Pumped: 3403.333 ml Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/8/2022 4:02 PM	00:00	7.84 pH	55.38 °F	299.77 µS/cm	0.17 mg/L	520.32 NTU	-72.7 mV	13.64 ft	200.00 ml/min
6/8/2022 4:03 PM	01:01	7.80 pH	55.09 °F	303.51 µS/cm	0.09 mg/L	392.28 NTU	-93.0 mV	13.64 ft	200.00 ml/min
6/8/2022 4:04 PM	02:01	7.80 pH	55.37 °F	310.44 µS/cm	0.08 mg/L	292.06 NTU	-105.4 mV	13.64 ft	200.00 ml/min
6/8/2022 4:05 PM	03:01	7.81 pH	55.63 °F	315.73 µS/cm	0.07 mg/L	229.95 NTU	-113.8 mV	13.64 ft	200.00 ml/min
6/8/2022 4:06 PM	04:01	7.82 pH	55.31 °F	318.26 µS/cm	0.06 mg/L	163.56 NTU	-120.3 mV	13.64 ft	200.00 ml/min
6/8/2022 4:07 PM	05:01	7.84 pH	55.01 °F	317.30 µS/cm	0.05 mg/L	79.33 NTU	-125.6 mV	13.64 ft	200.00 ml/min
6/8/2022 4:08 PM	06:01	7.88 pH	55.84 °F	314.43 µS/cm	0.11 mg/L	68.49 NTU	-130.2 mV	13.64 ft	200.00 ml/min
6/8/2022 4:09 PM	07:01	7.83 pH	57.41 °F	315.81 µS/cm	0.07 mg/L	127.54 NTU	-129.8 mV	13.64 ft	200.00 ml/min
6/8/2022 4:10 PM	08:01	7.84 pH	55.53 °F	319.08 µS/cm	0.04 mg/L	98.10 NTU	-133.5 mV	13.64 ft	200.00 ml/min
6/8/2022 4:11 PM	09:01	7.84 pH	56.18 °F	316.95 µS/cm	0.04 mg/L	88.77 NTU	-135.7 mV	13.64 ft	200.00 ml/min
6/8/2022 4:12 PM	10:01	7.85 pH	57.24 °F	318.49 µS/cm	0.05 mg/L	78.38 NTU	-137.8 mV	13.64 ft	200.00 ml/min
6/8/2022 4:13 PM	11:01	7.85 pH	58.08 °F	319.28 µS/cm	0.05 mg/L	62.52 NTU	-139.1 mV	13.64 ft	200.00 ml/min
6/8/2022 4:14 PM	12:01	7.85 pH	58.87 °F	319.33 µS/cm	0.06 mg/L	49.30 NTU	-140.1 mV	13.64 ft	200.00 ml/min
6/8/2022 4:15 PM	13:01	7.85 pH	59.32 °F	318.08 µS/cm	0.07 mg/L	64.86 NTU	-140.8 mV	13.64 ft	200.00 ml/min
6/8/2022 4:16 PM	14:01	7.79 pH	60.35 °F	313.07 µS/cm	0.09 mg/L	92.56 NTU	-139.1 mV	13.64 ft	200.00 ml/min

6/8/2022 4:17 PM	15:01	7.81 pH	55.65 °F	321.74 µS/cm	0.04 mg/L	36.40 NTU	-140.6 mV	13.64 ft	200.00 ml/min
6/8/2022 4:18 PM	16:01	7.84 pH	54.99 °F	314.04 µS/cm	0.03 mg/L	33.36 NTU	-143.1 mV	13.64 ft	200.00 ml/min
6/8/2022 4:19 PM	17:01	7.86 pH	54.72 °F	315.04 µS/cm	0.03 mg/L	36.81 NTU	-145.7 mV	13.64 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW-14	VOCs

Low-Flow Test Report:

Test Date / Time: 6/8/2022 3:24:27 PM
Project: HRID 2Q2022 MW-14D
Operator Name: Danielle Richardson

Location Name: HRID MW-14D Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 23 ft Total Depth: 33 ft Initial Depth to Water: 9.91 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 21 ft Estimated Total Volume Pumped: 4800 ml Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/8/2022 3:24 PM	00:00	7.36 pH	55.90 °F	692.09 µS/cm	0.11 mg/L	1,173.0 NTU	-81.8 mV	9.91 ft	200.00 ml/min
6/8/2022 3:25 PM	01:00	7.36 pH	56.14 °F	689.74 µS/cm	0.09 mg/L	1,108.0 NTU	-86.6 mV	9.91 ft	200.00 ml/min
6/8/2022 3:26 PM	02:00	7.35 pH	56.23 °F	686.44 µS/cm	0.08 mg/L	633.69 NTU	-86.7 mV	9.91 ft	200.00 ml/min
6/8/2022 3:27 PM	03:00	7.33 pH	56.37 °F	683.98 µS/cm	0.07 mg/L	277.14 NTU	-85.4 mV	9.91 ft	200.00 ml/min
6/8/2022 3:28 PM	04:00	7.32 pH	56.41 °F	683.38 µS/cm	0.06 mg/L	117.12 NTU	-84.1 mV	9.91 ft	200.00 ml/min
6/8/2022 3:29 PM	05:00	7.32 pH	56.42 °F	682.93 µS/cm	0.05 mg/L	86.98 NTU	-84.0 mV	9.91 ft	200.00 ml/min
6/8/2022 3:30 PM	06:00	7.31 pH	56.41 °F	683.01 µS/cm	0.05 mg/L	49.99 NTU	-83.7 mV	9.91 ft	200.00 ml/min
6/8/2022 3:31 PM	07:00	7.31 pH	56.37 °F	683.47 µS/cm	0.04 mg/L	40.47 NTU	-83.9 mV	9.91 ft	200.00 ml/min
6/8/2022 3:32 PM	08:00	7.30 pH	56.39 °F	683.42 µS/cm	0.04 mg/L	27.37 NTU	-83.9 mV	9.91 ft	200.00 ml/min
6/8/2022 3:33 PM	09:00	7.30 pH	56.40 °F	682.93 µS/cm	0.04 mg/L	24.08 NTU	-84.2 mV	9.91 ft	200.00 ml/min
6/8/2022 3:34 PM	10:00	7.31 pH	56.37 °F	683.61 µS/cm	0.03 mg/L	20.58 NTU	-84.6 mV	9.91 ft	200.00 ml/min
6/8/2022 3:35 PM	11:00	7.30 pH	56.38 °F	683.50 µS/cm	0.03 mg/L	18.64 NTU	-84.8 mV	9.91 ft	200.00 ml/min
6/8/2022 3:36 PM	12:00	7.30 pH	56.37 °F	683.54 µS/cm	0.03 mg/L	12.85 NTU	-84.8 mV	9.91 ft	200.00 ml/min
6/8/2022 3:37 PM	13:00	7.30 pH	56.40 °F	683.77 µS/cm	0.03 mg/L	11.41 NTU	-85.4 mV	9.91 ft	200.00 ml/min
6/8/2022 3:38 PM	14:00	7.30 pH	56.38 °F	683.48 µS/cm	0.03 mg/L	9.23 NTU	-85.2 mV	9.91 ft	200.00 ml/min

6/8/2022 3:39 PM	15:00	7.29 pH	56.36 °F	683.95 µS/cm	0.03 mg/L	8.02 NTU	-85.5 mV	9.91 ft	200.00 ml/min
6/8/2022 3:40 PM	16:00	7.29 pH	56.36 °F	684.11 µS/cm	0.02 mg/L	9.61 NTU	-85.7 mV	9.91 ft	200.00 ml/min
6/8/2022 3:41 PM	17:00	7.29 pH	56.38 °F	683.93 µS/cm	0.03 mg/L	6.40 NTU	-85.6 mV	9.91 ft	200.00 ml/min
6/8/2022 3:42 PM	18:00	7.29 pH	56.40 °F	683.75 µS/cm	0.02 mg/L	5.03 NTU	-85.7 mV	9.91 ft	200.00 ml/min
6/8/2022 3:43 PM	19:00	7.28 pH	56.38 °F	684.02 µS/cm	0.02 mg/L	4.15 NTU	-85.7 mV	9.91 ft	200.00 ml/min
6/8/2022 3:44 PM	20:00	7.29 pH	56.48 °F	684.04 µS/cm	0.02 mg/L	4.09 NTU	-86.4 mV	9.91 ft	200.00 ml/min
6/8/2022 3:45 PM	21:00	7.29 pH	56.57 °F	683.62 µS/cm	0.02 mg/L	4.98 NTU	-86.4 mV	9.91 ft	200.00 ml/min
6/8/2022 3:46 PM	22:00	7.28 pH	56.46 °F	683.44 µS/cm	0.02 mg/L	2.61 NTU	-86.1 mV	9.91 ft	200.00 ml/min
6/8/2022 3:47 PM	23:00	7.28 pH	56.44 °F	684.17 µS/cm	0.02 mg/L	2.54 NTU	-86.3 mV	9.91 ft	200.00 ml/min
6/8/2022 3:48 PM	24:00	7.27 pH	56.40 °F	684.52 µS/cm	0.02 mg/L	2.56 NTU	-86.4 mV	9.91 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW-14D	VOCs

Low-Flow Test Report:

Test Date / Time: 6/9/2022 11:53:56 AM
Project: HRID 2Q2022 MW-15
Operator Name: Danielle Richardson

Location Name: HRID MW-15 Well Diameter: 2 cm Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 11 ft Total Depth: 21 ft Initial Depth to Water: 14.24 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 18 ft Estimated Total Volume Pumped: 8400 ml Flow Cell Volume: 130 ml Final Flow Rate: 300 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/9/2022 11:53 AM	00:00	7.76 pH	55.33 °F	583.55 µS/cm	1.73 mg/L	394.79 NTU	42.4 mV	14.24 ft	300.00 ml/min
6/9/2022 11:54 AM	01:00	7.55 pH	54.24 °F	594.01 µS/cm	0.59 mg/L	433.26 NTU	48.6 mV	14.24 ft	300.00 ml/min
6/9/2022 11:55 AM	02:00	7.47 pH	53.57 °F	601.09 µS/cm	0.46 mg/L	481.03 NTU	51.7 mV	14.24 ft	300.00 ml/min
6/9/2022 11:56 AM	03:00	7.45 pH	54.28 °F	602.34 µS/cm	0.44 mg/L	374.39 NTU	52.1 mV	14.24 ft	300.00 ml/min
6/9/2022 11:57 AM	04:00	7.43 pH	54.80 °F	603.76 µS/cm	0.47 mg/L	354.16 NTU	53.7 mV	14.24 ft	300.00 ml/min
6/9/2022 11:58 AM	05:00	7.40 pH	55.91 °F	605.43 µS/cm	0.46 mg/L	295.08 NTU	55.3 mV	14.24 ft	300.00 ml/min
6/9/2022 11:59 AM	06:00	7.39 pH	56.23 °F	604.65 µS/cm	0.46 mg/L	271.52 NTU	56.4 mV	14.24 ft	300.00 ml/min
6/9/2022 12:00 PM	07:00	7.37 pH	56.54 °F	606.41 µS/cm	0.49 mg/L	268.07 NTU	58.9 mV	14.24 ft	300.00 ml/min
6/9/2022 12:01 PM	08:00	7.36 pH	56.91 °F	605.53 µS/cm	0.50 mg/L	227.02 NTU	60.3 mV	14.24 ft	300.00 ml/min
6/9/2022 12:02 PM	09:00	7.35 pH	57.28 °F	607.00 µS/cm	0.51 mg/L	207.20 NTU	61.7 mV	14.24 ft	300.00 ml/min
6/9/2022 12:03 PM	10:00	7.35 pH	57.66 °F	606.54 µS/cm	0.55 mg/L	203.46 NTU	63.2 mV	14.24 ft	300.00 ml/min
6/9/2022 12:04 PM	11:00	7.33 pH	59.41 °F	608.98 µS/cm	0.65 mg/L	231.54 NTU	65.5 mV	14.24 ft	300.00 ml/min
6/9/2022 12:05 PM	12:00	7.34 pH	55.25 °F	605.19 µS/cm	0.48 mg/L	461.16 NTU	68.0 mV	14.24 ft	300.00 ml/min
6/9/2022 12:06 PM	13:00	7.35 pH	53.75 °F	617.01 µS/cm	0.28 mg/L	294.82 NTU	67.8 mV	14.24 ft	300.00 ml/min
6/9/2022 12:07 PM	14:00	7.35 pH	53.57 °F	626.36 µS/cm	0.23 mg/L	248.36 NTU	68.5 mV	14.24 ft	300.00 ml/min

6/9/2022 12:08 PM	15:00	7.35 pH	53.31 °F	631.36 µS/cm	0.19 mg/L	163.83 NTU	68.8 mV	14.24 ft	300.00 ml/min
6/9/2022 12:09 PM	16:00	7.35 pH	53.01 °F	635.21 µS/cm	0.16 mg/L	87.77 NTU	66.9 mV	14.24 ft	300.00 ml/min
6/9/2022 12:10 PM	17:00	7.33 pH	52.68 °F	635.77 µS/cm	0.14 mg/L	45.94 NTU	53.1 mV	14.24 ft	300.00 ml/min
6/9/2022 12:11 PM	18:00	7.33 pH	52.59 °F	636.89 µS/cm	0.11 mg/L	20.06 NTU	37.3 mV	14.24 ft	300.00 ml/min
6/9/2022 12:12 PM	19:00	7.33 pH	52.49 °F	637.61 µS/cm	0.09 mg/L	12.24 NTU	28.4 mV	14.24 ft	300.00 ml/min
6/9/2022 12:13 PM	20:00	7.33 pH	52.46 °F	637.82 µS/cm	0.07 mg/L	8.20 NTU	19.9 mV	14.24 ft	300.00 ml/min
6/9/2022 12:14 PM	21:00	7.32 pH	52.40 °F	637.26 µS/cm	0.07 mg/L	5.85 NTU	14.7 mV	14.24 ft	300.00 ml/min
6/9/2022 12:15 PM	22:00	7.32 pH	52.42 °F	636.85 µS/cm	0.06 mg/L	4.09 NTU	10.4 mV	14.24 ft	300.00 ml/min
6/9/2022 12:16 PM	23:00	7.31 pH	52.38 °F	635.89 µS/cm	0.06 mg/L	3.53 NTU	6.7 mV	14.24 ft	300.00 ml/min
6/9/2022 12:17 PM	24:00	7.30 pH	52.32 °F	635.81 µS/cm	0.07 mg/L	3.67 NTU	3.8 mV	14.24 ft	300.00 ml/min
6/9/2022 12:18 PM	25:00	7.30 pH	52.29 °F	635.63 µS/cm	0.07 mg/L	2.06 NTU	1.5 mV	14.24 ft	300.00 ml/min
6/9/2022 12:19 PM	26:00	7.29 pH	52.26 °F	635.74 µS/cm	0.06 mg/L	1.65 NTU	-0.7 mV	14.24 ft	300.00 ml/min
6/9/2022 12:20 PM	27:00	7.28 pH	52.31 °F	637.98 µS/cm	0.06 mg/L	1.35 NTU	-2.7 mV	14.24 ft	300.00 ml/min
6/9/2022 12:21 PM	28:00	7.27 pH	52.32 °F	637.41 µS/cm	0.06 mg/L	1.29 NTU	-4.4 mV	14.24 ft	300.00 ml/min

Samples

Sample ID:	Description:
MW-15	VOCs

Low-Flow Test Report:

Test Date / Time: 6/9/2022 11:26:26 AM
Project: HRID 2Q2022 MW-15D
Operator Name: Danielle Richardson

Location Name: HRID MW-15D Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 38 ft Total Depth: 48 ft Initial Depth to Water: 14.57 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 31 ft Estimated Total Volume Pumped: 4500 ml Flow Cell Volume: 130 ml Final Flow Rate: 300 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/9/2022 11:26 AM	00:00	7.37 pH	55.17 °F	716.20 µS/cm	0.12 mg/L	4.21 NTU	-60.8 mV	14.57 ft	300.00 ml/min
6/9/2022 11:27 AM	01:00	7.37 pH	55.29 °F	716.10 µS/cm	0.08 mg/L	22.53 NTU	-69.9 mV	14.57 ft	300.00 ml/min
6/9/2022 11:28 AM	02:00	7.36 pH	55.32 °F	715.84 µS/cm	0.07 mg/L	21.84 NTU	-75.4 mV	14.57 ft	300.00 ml/min
6/9/2022 11:29 AM	03:00	7.35 pH	55.28 °F	715.88 µS/cm	0.06 mg/L	23.69 NTU	-79.0 mV	14.57 ft	300.00 ml/min
6/9/2022 11:30 AM	04:00	7.35 pH	55.30 °F	716.01 µS/cm	0.05 mg/L	29.78 NTU	-81.8 mV	14.57 ft	300.00 ml/min
6/9/2022 11:31 AM	05:00	7.35 pH	55.30 °F	716.31 µS/cm	0.04 mg/L	35.20 NTU	-84.1 mV	14.57 ft	300.00 ml/min
6/9/2022 11:32 AM	06:00	7.34 pH	55.36 °F	716.26 µS/cm	0.04 mg/L	45.07 NTU	-86.1 mV	14.57 ft	300.00 ml/min
6/9/2022 11:33 AM	07:00	7.34 pH	55.31 °F	716.54 µS/cm	0.04 mg/L	54.80 NTU	-87.6 mV	14.57 ft	300.00 ml/min
6/9/2022 11:34 AM	08:00	7.33 pH	55.30 °F	716.63 µS/cm	0.04 mg/L	61.07 NTU	-88.9 mV	14.57 ft	300.00 ml/min
6/9/2022 11:35 AM	09:00	7.34 pH	55.25 °F	716.57 µS/cm	0.03 mg/L	61.99 NTU	-90.3 mV	14.57 ft	300.00 ml/min
6/9/2022 11:36 AM	10:00	7.33 pH	55.22 °F	716.19 µS/cm	0.03 mg/L	60.79 NTU	-90.7 mV	14.57 ft	300.00 ml/min
6/9/2022 11:37 AM	11:00	7.33 pH	55.24 °F	716.64 µS/cm	0.03 mg/L	73.10 NTU	-91.9 mV	14.57 ft	300.00 ml/min
6/9/2022 11:38 AM	12:00	7.32 pH	55.27 °F	716.72 µS/cm	0.02 mg/L	72.90 NTU	-92.8 mV	14.57 ft	300.00 ml/min
6/9/2022 11:39 AM	13:00	7.32 pH	55.25 °F	716.15 µS/cm	0.03 mg/L	60.01 NTU	-93.3 mV	14.57 ft	300.00 ml/min
6/9/2022 11:40 AM	14:00	7.31 pH	55.27 °F	716.36 µS/cm	0.03 mg/L	63.94 NTU	-93.7 mV	14.57 ft	300.00 ml/min

6/9/2022 11:41 AM	15:00	7.31 pH	55.26 °F	716.14 µS/cm	0.02 mg/L	64.70 NTU	-94.0 mV	14.57 ft	300.00 ml/min
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Samples

Sample ID:	Description:
MW-15D	VOCs

Low-Flow Test Report:

Test Date / Time: 6/8/2022 9:19:40 AM
Project: HRID 2Q2022 MW-22
Operator Name: Danielle Richardson

Location Name: HRID MW-22 Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 8 ft Total Depth: 18.9 ft Initial Depth to Water: 13.13 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 16 ft Estimated Total Volume Pumped: 4200 ml Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:
MS and MSD

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/8/2022 9:19 AM	00:00	7.32 pH	58.54 °F	1,017.2 µS/cm	1.91 mg/L	2,416.8 NTU	96.8 mV	13.13 ft	200.00 ml/min
6/8/2022 9:20 AM	01:00	7.17 pH	56.99 °F	946.78 µS/cm	0.16 mg/L	2,582.5 NTU	39.2 mV	13.13 ft	200.00 ml/min
6/8/2022 9:21 AM	02:00	7.18 pH	56.63 °F	869.75 µS/cm	0.09 mg/L	1,408.8 NTU	11.7 mV	13.13 ft	200.00 ml/min
6/8/2022 9:22 AM	03:00	7.19 pH	56.56 °F	832.55 µS/cm	0.07 mg/L	845.92 NTU	-2.5 mV	13.13 ft	200.00 ml/min
6/8/2022 9:23 AM	04:00	7.18 pH	56.50 °F	820.52 µS/cm	0.07 mg/L	620.91 NTU	-10.6 mV	13.13 ft	200.00 ml/min
6/8/2022 9:24 AM	05:00	7.19 pH	56.62 °F	804.80 µS/cm	0.06 mg/L	433.61 NTU	-16.6 mV	13.13 ft	200.00 ml/min
6/8/2022 9:25 AM	06:00	7.19 pH	56.73 °F	802.13 µS/cm	0.06 mg/L	315.79 NTU	-21.1 mV	13.13 ft	200.00 ml/min
6/8/2022 9:26 AM	07:00	7.19 pH	56.60 °F	802.20 µS/cm	0.06 mg/L	184.87 NTU	-23.9 mV	13.13 ft	200.00 ml/min
6/8/2022 9:27 AM	08:00	7.18 pH	56.46 °F	799.16 µS/cm	0.05 mg/L	103.47 NTU	-25.4 mV	13.13 ft	200.00 ml/min
6/8/2022 9:28 AM	09:00	7.19 pH	56.34 °F	791.67 µS/cm	0.05 mg/L	54.49 NTU	-27.9 mV	13.13 ft	200.00 ml/min
6/8/2022 9:29 AM	10:00	7.19 pH	56.41 °F	780.40 µS/cm	0.05 mg/L	34.57 NTU	-29.5 mV	13.13 ft	200.00 ml/min
6/8/2022 9:30 AM	11:00	7.20 pH	56.36 °F	770.79 µS/cm	0.04 mg/L	18.63 NTU	-31.9 mV	13.13 ft	200.00 ml/min
6/8/2022 9:31 AM	12:00	7.19 pH	56.30 °F	781.32 µS/cm	0.04 mg/L	12.99 NTU	-32.9 mV	13.13 ft	200.00 ml/min
6/8/2022 9:32 AM	13:00	7.19 pH	56.32 °F	779.10 µS/cm	0.04 mg/L	9.32 NTU	-33.8 mV	13.13 ft	200.00 ml/min
6/8/2022 9:33 AM	14:00	7.19 pH	56.32 °F	773.70 µS/cm	0.04 mg/L	7.51 NTU	-35.2 mV	13.13 ft	200.00 ml/min

6/8/2022 9:34 AM	15:00	7.19 pH	56.30 °F	783.14 µS/cm	0.04 mg/L	5.09 NTU	-35.4 mV	13.13 ft	200.00 ml/min
6/8/2022 9:35 AM	16:00	7.19 pH	56.31 °F	770.31 µS/cm	0.04 mg/L	3.99 NTU	-36.3 mV	13.13 ft	200.00 ml/min
6/8/2022 9:36 AM	17:00	7.20 pH	56.51 °F	774.06 µS/cm	0.04 mg/L	3.55 NTU	-37.6 mV	13.13 ft	200.00 ml/min
6/8/2022 9:37 AM	18:00	7.19 pH	56.27 °F	784.43 µS/cm	0.04 mg/L	4.73 NTU	-37.3 mV	13.13 ft	200.00 ml/min
6/8/2022 9:38 AM	19:00	7.19 pH	56.24 °F	780.39 µS/cm	0.03 mg/L	3.70 NTU	-37.9 mV	13.13 ft	200.00 ml/min
6/8/2022 9:39 AM	20:00	7.19 pH	56.24 °F	773.56 µS/cm	0.03 mg/L	3.66 NTU	-39.1 mV	13.13 ft	200.00 ml/min
6/8/2022 9:40 AM	21:00	7.19 pH	56.28 °F	776.18 µS/cm	0.03 mg/L	5.12 NTU	-39.4 mV	13.13 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW-22	VOCs, MS, MSD

Low-Flow Test Report:

Test Date / Time: 6/8/2022 8:46:25 AM
Project: HRID 2Q2022 MW-22D
Operator Name: Danielle Richardson

Location Name: HRID MW-22D Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 18 ft Total Depth: 28 ft Initial Depth to Water: 15.46 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 22 ft Estimated Total Volume Pumped: 6900 ml Flow Cell Volume: 130 ml Final Flow Rate: 300 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/8/2022 8:46 AM	00:00	7.42 pH	57.47 °F	639.14 µS/cm	0.41 mg/L	410.54 NTU	342.0 mV	15.46 ft	300.00 ml/min
6/8/2022 8:47 AM	01:00	7.39 pH	59.24 °F	638.83 µS/cm	0.18 mg/L	301.96 NTU	304.9 mV	15.46 ft	300.00 ml/min
6/8/2022 8:48 AM	02:00	7.38 pH	59.10 °F	641.23 µS/cm	0.18 mg/L	360.74 NTU	289.2 mV	15.46 ft	300.00 ml/min
6/8/2022 8:49 AM	03:00	7.37 pH	58.44 °F	639.15 µS/cm	0.13 mg/L	370.61 NTU	223.1 mV	15.46 ft	300.00 ml/min
6/8/2022 8:50 AM	04:00	7.36 pH	57.55 °F	640.84 µS/cm	0.10 mg/L	294.81 NTU	191.4 mV	15.46 ft	300.00 ml/min
6/8/2022 8:51 AM	05:00	7.36 pH	57.11 °F	640.77 µS/cm	0.06 mg/L	143.76 NTU	166.8 mV	15.46 ft	300.00 ml/min
6/8/2022 8:52 AM	06:00	7.37 pH	56.99 °F	640.23 µS/cm	0.06 mg/L	82.94 NTU	149.0 mV	15.46 ft	300.00 ml/min
6/8/2022 8:53 AM	07:00	7.37 pH	56.95 °F	640.28 µS/cm	0.05 mg/L	56.16 NTU	134.9 mV	15.46 ft	300.00 ml/min
6/8/2022 8:54 AM	08:00	7.36 pH	56.92 °F	640.39 µS/cm	0.05 mg/L	40.44 NTU	123.2 mV	15.46 ft	300.00 ml/min
6/8/2022 8:55 AM	09:00	7.36 pH	56.95 °F	640.25 µS/cm	0.05 mg/L	29.03 NTU	113.7 mV	15.46 ft	300.00 ml/min
6/8/2022 8:56 AM	10:00	7.37 pH	56.98 °F	640.10 µS/cm	0.04 mg/L	19.59 NTU	105.0 mV	15.46 ft	300.00 ml/min
6/8/2022 8:57 AM	11:00	7.35 pH	56.86 °F	640.32 µS/cm	0.04 mg/L	22.14 NTU	98.0 mV	15.46 ft	300.00 ml/min
6/8/2022 8:58 AM	12:00	7.36 pH	56.81 °F	640.32 µS/cm	0.04 mg/L	11.01 NTU	91.3 mV	15.46 ft	300.00 ml/min
6/8/2022 8:59 AM	13:00	7.36 pH	56.69 °F	640.85 µS/cm	0.03 mg/L	11.58 NTU	85.5 mV	15.46 ft	300.00 ml/min
6/8/2022 9:00 AM	14:00	7.36 pH	56.72 °F	640.96 µS/cm	0.03 mg/L	10.30 NTU	79.6 mV	15.46 ft	300.00 ml/min

6/8/2022 9:01 AM	15:00	7.36 pH	56.76 °F	641.15 µS/cm	0.03 mg/L	7.56 NTU	74.6 mV	15.46 ft	300.00 ml/min
6/8/2022 9:02 AM	16:00	7.36 pH	57.05 °F	640.73 µS/cm	0.03 mg/L	6.97 NTU	70.1 mV	15.46 ft	300.00 ml/min
6/8/2022 9:03 AM	17:00	7.36 pH	57.10 °F	641.01 µS/cm	0.04 mg/L	5.43 NTU	66.0 mV	15.46 ft	300.00 ml/min
6/8/2022 9:04 AM	18:00	7.36 pH	57.15 °F	641.28 µS/cm	0.03 mg/L	6.33 NTU	62.5 mV	15.46 ft	300.00 ml/min
6/8/2022 9:05 AM	19:00	7.36 pH	57.13 °F	641.76 µS/cm	0.04 mg/L	4.03 NTU	59.0 mV	15.46 ft	300.00 ml/min
6/8/2022 9:06 AM	20:00	7.36 pH	57.21 °F	641.99 µS/cm	0.03 mg/L	3.73 NTU	55.8 mV	15.46 ft	300.00 ml/min
6/8/2022 9:07 AM	21:00	7.36 pH	57.50 °F	642.12 µS/cm	0.04 mg/L	3.32 NTU	53.0 mV	15.46 ft	300.00 ml/min
6/8/2022 9:08 AM	22:00	7.36 pH	57.74 °F	642.52 µS/cm	0.04 mg/L	3.36 NTU	49.6 mV	15.46 ft	300.00 ml/min
6/8/2022 9:09 AM	23:00	7.36 pH	57.90 °F	642.79 µS/cm	0.05 mg/L	3.17 NTU	47.7 mV	15.46 ft	300.00 ml/min

Samples

Sample ID:	Description:
MW-22D	VOCs

Low-Flow Test Report:

Test Date / Time: 6/6/2022 11:04:53 AM
Project: HRID 2Q2022 MW-23
Operator Name: Danielle Richardson

Location Name: HRID MW-23 Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 10 ft Total Depth: 20 ft Initial Depth to Water: 15.58 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 17 ft Estimated Total Volume Pumped: 3840 ml Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:
Oil sheen on water

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/6/2022 11:04 AM	00:00	6.85 pH	67.95 °F	1,315.0 µS/cm	2.70 mg/L	329.79 NTU	-83.0 mV	15.58 ft	200.00 ml/min
6/6/2022 11:05 AM	01:00	6.81 pH	62.97 °F	1,303.8 µS/cm	0.76 mg/L	256.25 NTU	-85.4 mV	15.58 ft	200.00 ml/min
6/6/2022 11:06 AM	02:00	6.81 pH	63.13 °F	1,330.0 µS/cm	0.15 mg/L	200.82 NTU	-88.9 mV	15.58 ft	200.00 ml/min
6/6/2022 11:07 AM	03:00	6.82 pH	60.45 °F	1,225.6 µS/cm	0.65 mg/L	141.59 NTU	-84.5 mV	15.58 ft	200.00 ml/min
6/6/2022 11:08 AM	04:00	6.84 pH	62.05 °F	3.10 µS/cm	5.65 mg/L	111.01 NTU	-78.2 mV	15.58 ft	200.00 ml/min
6/6/2022 11:09 AM	05:00	6.79 pH	62.38 °F	1,143.5 µS/cm	0.57 mg/L	79.04 NTU	-77.2 mV	15.58 ft	200.00 ml/min
6/6/2022 11:10 AM	06:00	6.78 pH	64.51 °F	1,145.8 µS/cm	0.27 mg/L	85.36 NTU	-79.2 mV	15.58 ft	200.00 ml/min
6/6/2022 11:11 AM	07:00	6.73 pH	61.98 °F	1,159.5 µS/cm	0.11 mg/L	68.24 NTU	-71.6 mV	15.58 ft	200.00 ml/min
6/6/2022 11:12 AM	08:00	6.71 pH	62.60 °F	1,156.9 µS/cm	0.11 mg/L	64.55 NTU	-68.3 mV	15.58 ft	200.00 ml/min
6/6/2022 11:13 AM	09:00	6.68 pH	60.74 °F	1,103.7 µS/cm	0.08 mg/L	26.08 NTU	-62.2 mV	15.58 ft	200.00 ml/min
6/6/2022 11:14 AM	10:00	6.62 pH	59.91 °F	1,013.1 µS/cm	0.58 mg/L	14.29 NTU	-48.9 mV	15.58 ft	200.00 ml/min
6/6/2022 11:15 AM	11:00	6.61 pH	62.10 °F	1,006.4 µS/cm	0.19 mg/L	10.68 NTU	-48.6 mV	15.58 ft	200.00 ml/min
6/6/2022 11:17 AM	12:12	6.58 pH	63.53 °F	981.74 µS/cm	0.09 mg/L	10.09 NTU	-46.4 mV	15.58 ft	200.00 ml/min
6/6/2022 11:18 AM	13:12	6.57 pH	63.41 °F	989.51 µS/cm	0.08 mg/L	9.79 NTU	-44.3 mV	15.58 ft	200.00 ml/min
6/6/2022 11:19 AM	14:12	6.59 pH	63.11 °F	1,094.6 µS/cm	0.08 mg/L	7.42 NTU	-45.2 mV	15.58 ft	200.00 ml/min

6/6/2022 11:20 AM	15:12	6.62 pH	62.31 °F	1,139.3 μS/cm	0.09 mg/L	4.43 NTU	-48.2 mV	15.58 ft	200.00 ml/min
6/6/2022 11:21 AM	16:12	6.61 pH	61.80 °F	1,051.3 μS/cm	0.58 mg/L	3.01 NTU	-47.0 mV	15.58 ft	200.00 ml/min
6/6/2022 11:22 AM	17:12	6.61 pH	59.71 °F	940.54 μS/cm	0.06 mg/L	2.03 NTU	-45.8 mV	15.58 ft	200.00 ml/min
6/6/2022 11:23 AM	18:12	6.59 pH	61.61 °F	934.24 μS/cm	0.04 mg/L	1.34 NTU	-44.9 mV	15.58 ft	200.00 ml/min
6/6/2022 11:24 AM	19:12	6.59 pH	64.06 °F	931.61 μS/cm	0.05 mg/L	1.19 NTU	-45.7 mV	15.58 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW-23	VOCs

Low-Flow Test Report:

Test Date / Time: 6/7/2022 3:46:27 PM
Project: HRID 2Q2022 MW-24
Operator Name: Danielle Richardson

Location Name: HRID MW-24 Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 11 ft Total Depth: 21.8 ft Initial Depth to Water: 17.2 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 19 ft Estimated Total Volume Pumped: 4203.333 ml Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/7/2022 3:46 PM	00:00	7.34 pH	64.72 °F	744.65 µS/cm	1.53 mg/L	6,047.3 NTU	164.0 mV	17.20 ft	200.00 ml/min
6/7/2022 3:47 PM	01:00	7.25 pH	58.34 °F	762.90 µS/cm	0.41 mg/L	5,132.8 NTU	169.8 mV	17.20 ft	200.00 ml/min
6/7/2022 3:48 PM	02:00	7.24 pH	57.32 °F	763.64 µS/cm	0.33 mg/L	3,339.7 NTU	170.6 mV	17.20 ft	200.00 ml/min
6/7/2022 3:49 PM	03:00	7.24 pH	56.82 °F	760.87 µS/cm	0.37 mg/L	1,665.8 NTU	170.7 mV	17.20 ft	200.00 ml/min
6/7/2022 3:50 PM	04:00	7.24 pH	56.79 °F	753.96 µS/cm	0.26 mg/L	840.61 NTU	170.6 mV	17.20 ft	200.00 ml/min
6/7/2022 3:51 PM	05:00	7.24 pH	56.59 °F	749.23 µS/cm	0.17 mg/L	489.90 NTU	170.4 mV	17.20 ft	200.00 ml/min
6/7/2022 3:52 PM	06:00	7.25 pH	56.48 °F	745.61 µS/cm	0.20 mg/L	353.54 NTU	169.6 mV	17.20 ft	200.00 ml/min
6/7/2022 3:53 PM	07:00	7.25 pH	56.23 °F	742.34 µS/cm	0.19 mg/L	221.01 NTU	169.6 mV	17.20 ft	200.00 ml/min
6/7/2022 3:54 PM	08:00	7.25 pH	56.21 °F	737.86 µS/cm	0.22 mg/L	231.50 NTU	169.0 mV	17.20 ft	200.00 ml/min
6/7/2022 3:55 PM	09:00	7.26 pH	56.22 °F	731.58 µS/cm	0.26 mg/L	357.51 NTU	168.4 mV	17.20 ft	200.00 ml/min
6/7/2022 3:56 PM	10:00	7.26 pH	56.24 °F	721.50 µS/cm	0.22 mg/L	274.67 NTU	167.8 mV	17.20 ft	200.00 ml/min
6/7/2022 3:57 PM	11:00	7.26 pH	56.33 °F	720.85 µS/cm	0.21 mg/L	220.70 NTU	167.4 mV	17.20 ft	200.00 ml/min
6/7/2022 3:58 PM	12:00	7.26 pH	56.33 °F	715.62 µS/cm	0.21 mg/L	235.21 NTU	166.9 mV	17.20 ft	200.00 ml/min
6/7/2022 3:59 PM	13:00	7.27 pH	56.41 °F	713.92 µS/cm	0.23 mg/L	183.54 NTU	166.2 mV	17.20 ft	200.00 ml/min
6/7/2022 4:00 PM	14:23	7.26 pH	56.50 °F	712.46 µS/cm	0.23 mg/L	148.15 NTU	165.4 mV	17.20 ft	200.00 ml/min

6/7/2022 4:01 PM	15:01	7.26 pH	56.36 °F	708.77 µS/cm	0.28 mg/L	158.26 NTU	165.3 mV	17.20 ft	200.00 ml/min
6/7/2022 4:02 PM	16:01	7.27 pH	56.35 °F	708.40 µS/cm	0.28 mg/L	125.41 NTU	164.8 mV	17.20 ft	200.00 ml/min
6/7/2022 4:03 PM	17:01	7.28 pH	56.31 °F	699.78 µS/cm	0.17 mg/L	86.80 NTU	164.2 mV	17.20 ft	200.00 ml/min
6/7/2022 4:04 PM	18:01	7.28 pH	56.30 °F	701.44 µS/cm	0.23 mg/L	83.12 NTU	163.7 mV	17.20 ft	200.00 ml/min
6/7/2022 4:05 PM	19:01	7.28 pH	56.27 °F	696.84 µS/cm	0.18 mg/L	84.99 NTU	163.3 mV	17.20 ft	200.00 ml/min
6/7/2022 4:06 PM	20:01	7.28 pH	56.29 °F	693.54 µS/cm	0.20 mg/L	104.22 NTU	162.6 mV	17.20 ft	200.00 ml/min
6/7/2022 4:07 PM	21:01	7.28 pH	56.29 °F	686.14 µS/cm	0.20 mg/L	100.17 NTU	162.1 mV	17.20 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW-24	VOCs

Low-Flow Test Report:

Test Date / Time: 6/6/2022 12:39:58 PM
Project: HRID 2Q2022 MW-25
Operator Name: Sabrina Bailey

Location Name: HRID MW-25 Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 13 ft Total Depth: 23.6 ft Initial Depth to Water: 16.7 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 20 ft Estimated Total Volume Pumped: 5923.333 ml Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/6/2022 12:39 PM	00:00	7.46 pH	58.88 °F	512.14 µS/cm	7.17 mg/L	4,821.3 NTU	43.3 mV	16.70 ft	200.00 ml/min
6/6/2022 12:40 PM	01:00	7.41 pH	56.14 °F	533.62 µS/cm	7.14 mg/L	4,523.5 NTU	54.0 mV	16.70 ft	200.00 ml/min
6/6/2022 12:41 PM	02:00	7.39 pH	55.87 °F	535.86 µS/cm	7.10 mg/L	3,935.2 NTU	60.0 mV	16.70 ft	200.00 ml/min
6/6/2022 12:42 PM	03:00	7.39 pH	55.65 °F	537.11 µS/cm	7.05 mg/L	3,249.5 NTU	64.5 mV	16.70 ft	200.00 ml/min
6/6/2022 12:43 PM	04:00	7.37 pH	57.57 °F	542.09 µS/cm	7.00 mg/L	2,369.5 NTU	68.0 mV	16.70 ft	200.00 ml/min
6/6/2022 12:44 PM	05:00	7.37 pH	54.87 °F	541.76 µS/cm	7.06 mg/L	2,419.4 NTU	72.4 mV	16.70 ft	200.00 ml/min
6/6/2022 12:45 PM	06:00	7.37 pH	53.73 °F	540.10 µS/cm	7.42 mg/L	1,504.9 NTU	76.0 mV	16.70 ft	200.00 ml/min
6/6/2022 12:46 PM	07:00	7.37 pH	53.05 °F	544.34 µS/cm	7.44 mg/L	965.35 NTU	79.0 mV	16.70 ft	200.00 ml/min
6/6/2022 12:47 PM	08:00	7.37 pH	52.56 °F	545.67 µS/cm	7.51 mg/L	725.61 NTU	82.2 mV	16.70 ft	200.00 ml/min
6/6/2022 12:48 PM	09:00	7.38 pH	52.53 °F	549.10 µS/cm	7.41 mg/L	439.55 NTU	84.2 mV	16.70 ft	200.00 ml/min
6/6/2022 12:49 PM	10:00	7.39 pH	52.76 °F	550.53 µS/cm	7.34 mg/L	372.38 NTU	86.1 mV	16.70 ft	200.00 ml/min
6/6/2022 12:50 PM	11:00	7.39 pH	53.40 °F	551.38 µS/cm	7.28 mg/L	317.73 NTU	87.4 mV	16.70 ft	200.00 ml/min
6/6/2022 12:51 PM	12:00	7.38 pH	53.00 °F	550.15 µS/cm	7.25 mg/L	260.19 NTU	89.7 mV	16.70 ft	200.00 ml/min
6/6/2022 12:52 PM	13:00	7.39 pH	52.95 °F	550.22 µS/cm	7.34 mg/L	229.98 NTU	90.9 mV	16.70 ft	200.00 ml/min
6/6/2022 12:53 PM	14:00	7.38 pH	52.91 °F	551.48 µS/cm	7.28 mg/L	167.84 NTU	92.4 mV	16.70 ft	200.00 ml/min

6/6/2022 12:54 PM	15:00	7.39 pH	52.85 °F	551.02 µS/cm	7.27 mg/L	169.53 NTU	93.6 mV	16.70 ft	200.00 ml/min
6/6/2022 12:55 PM	16:00	7.38 pH	52.91 °F	552.03 µS/cm	7.28 mg/L	132.03 NTU	95.0 mV	16.70 ft	200.00 ml/min
6/6/2022 12:56 PM	17:00	7.38 pH	52.77 °F	551.56 µS/cm	7.26 mg/L	100.22 NTU	96.3 mV	16.70 ft	200.00 ml/min
6/6/2022 12:57 PM	18:00	7.38 pH	52.51 °F	551.06 µS/cm	7.24 mg/L	118.64 NTU	97.5 mV	16.70 ft	200.00 ml/min
6/6/2022 12:58 PM	19:00	7.38 pH	52.64 °F	552.16 µS/cm	7.26 mg/L	93.32 NTU	98.7 mV	16.70 ft	200.00 ml/min
6/6/2022 12:59 PM	20:00	7.38 pH	52.72 °F	552.38 µS/cm	7.23 mg/L	71.83 NTU	99.6 mV	16.70 ft	200.00 ml/min
6/6/2022 1:01 PM	21:37	7.37 pH	52.83 °F	551.79 µS/cm	7.17 mg/L	178.13 NTU	101.1 mV	16.70 ft	200.00 ml/min
6/6/2022 1:02 PM	22:37	7.38 pH	52.73 °F	546.43 µS/cm	7.58 mg/L	1,020.1 NTU	102.5 mV	16.70 ft	200.00 ml/min
6/6/2022 1:03 PM	23:37	7.38 pH	52.69 °F	550.05 µS/cm	7.35 mg/L	385.98 NTU	104.0 mV	16.70 ft	200.00 ml/min
6/6/2022 1:04 PM	24:37	7.37 pH	52.47 °F	549.05 µS/cm	7.29 mg/L	209.99 NTU	105.3 mV	16.70 ft	200.00 ml/min
6/6/2022 1:05 PM	25:37	7.37 pH	52.43 °F	550.41 µS/cm	7.25 mg/L	111.54 NTU	106.5 mV	16.70 ft	200.00 ml/min
6/6/2022 1:06 PM	26:37	7.37 pH	52.57 °F	551.96 µS/cm	7.18 mg/L	71.06 NTU	107.2 mV	16.70 ft	200.00 ml/min
6/6/2022 1:07 PM	27:37	7.36 pH	52.50 °F	551.53 µS/cm	7.15 mg/L	47.94 NTU	108.2 mV	16.70 ft	200.00 ml/min
6/6/2022 1:08 PM	28:37	7.36 pH	52.66 °F	552.11 µS/cm	7.14 mg/L	53.07 NTU	109.0 mV	16.70 ft	200.00 ml/min
6/6/2022 1:09 PM	29:37	7.36 pH	52.53 °F	551.80 µS/cm	7.17 mg/L	52.63 NTU	109.9 mV	16.70 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW-25	VOCs

Low-Flow Test Report:

Test Date / Time: 6/6/2022 2:05:13 PM
Project: HRID 2Q2022 MW-26
Operator Name: Danielle Richardson

Location Name: HRID MW-26 Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 12.9 ft Total Depth: 22.9 ft Initial Depth to Water: 15.56 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 19 ft Estimated Total Volume Pumped: 3800 ml Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/6/2022 2:05 PM	00:00	7.46 pH	60.62 °F	744.34 µS/cm	0.45 mg/L	2,730.7 NTU	-112.1 mV	15.56 ft	200.00 ml/min
6/6/2022 2:06 PM	01:00	7.46 pH	60.47 °F	736.75 µS/cm	0.09 mg/L	2,757.1 NTU	-123.2 mV	15.56 ft	200.00 ml/min
6/6/2022 2:07 PM	02:00	7.45 pH	60.95 °F	723.13 µS/cm	0.07 mg/L	2,435.0 NTU	-127.5 mV	15.56 ft	200.00 ml/min
6/6/2022 2:08 PM	03:00	7.46 pH	57.87 °F	708.27 µS/cm	0.07 mg/L	2,147.1 NTU	-128.0 mV	15.56 ft	200.00 ml/min
6/6/2022 2:09 PM	04:00	7.46 pH	56.83 °F	700.77 µS/cm	0.05 mg/L	867.79 NTU	-127.3 mV	15.56 ft	200.00 ml/min
6/6/2022 2:10 PM	05:00	7.47 pH	56.50 °F	684.48 µS/cm	0.06 mg/L	394.67 NTU	-125.4 mV	15.56 ft	200.00 ml/min
6/6/2022 2:11 PM	06:00	7.47 pH	56.48 °F	674.12 µS/cm	0.08 mg/L	222.48 NTU	-123.2 mV	15.56 ft	200.00 ml/min
6/6/2022 2:12 PM	07:00	7.46 pH	56.53 °F	683.37 µS/cm	0.08 mg/L	117.88 NTU	-120.8 mV	15.56 ft	200.00 ml/min
6/6/2022 2:13 PM	08:00	7.46 pH	56.51 °F	683.01 µS/cm	0.09 mg/L	61.93 NTU	-119.2 mV	15.56 ft	200.00 ml/min
6/6/2022 2:14 PM	09:00	7.47 pH	56.42 °F	697.00 µS/cm	0.09 mg/L	47.33 NTU	-118.0 mV	15.56 ft	200.00 ml/min
6/6/2022 2:15 PM	10:00	7.47 pH	56.43 °F	695.70 µS/cm	0.09 mg/L	29.18 NTU	-117.4 mV	15.56 ft	200.00 ml/min
6/6/2022 2:16 PM	11:00	7.47 pH	56.98 °F	694.91 µS/cm	0.10 mg/L	22.50 NTU	-116.1 mV	15.56 ft	200.00 ml/min
6/6/2022 2:17 PM	12:00	7.47 pH	57.00 °F	695.65 µS/cm	0.10 mg/L	15.18 NTU	-115.5 mV	15.56 ft	200.00 ml/min
6/6/2022 2:18 PM	13:00	7.46 pH	56.83 °F	693.80 µS/cm	0.11 mg/L	20.11 NTU	-114.2 mV	15.56 ft	200.00 ml/min
6/6/2022 2:19 PM	14:00	7.46 pH	56.54 °F	692.14 µS/cm	0.10 mg/L	18.47 NTU	-113.9 mV	15.56 ft	200.00 ml/min

6/6/2022 2:20 PM	15:00	7.46 pH	56.24 °F	694.71 µS/cm	0.10 mg/L	14.11 NTU	-113.4 mV	15.56 ft	200.00 ml/min
6/6/2022 2:21 PM	16:00	7.46 pH	56.02 °F	687.73 µS/cm	0.11 mg/L	17.35 NTU	-112.0 mV	15.56 ft	200.00 ml/min
6/6/2022 2:22 PM	17:00	7.44 pH	55.89 °F	689.98 µS/cm	0.12 mg/L	43.04 NTU	-110.3 mV	15.56 ft	200.00 ml/min
6/6/2022 2:23 PM	18:00	7.45 pH	55.90 °F	691.05 µS/cm	0.12 mg/L	17.05 NTU	-110.3 mV	15.56 ft	200.00 ml/min
6/6/2022 2:24 PM	19:00	7.45 pH	56.03 °F	693.96 µS/cm	0.13 mg/L	13.79 NTU	-109.4 mV	15.56 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW-26	VOCs

Low-Flow Test Report:

Test Date / Time: 6/6/2022 2:37:48 PM
Project: HRID 2Q2022 MW-32
Operator Name: Sabrina Bailey

Location Name: HRID MW-32 Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 23 ft Total Depth: 33 ft Initial Depth to Water: 16 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 25 ft Estimated Total Volume Pumped: 7950 ml Flow Cell Volume: 130 ml Final Flow Rate: 300 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/6/2022 2:37 PM	00:00	7.60 pH	61.39 °F	598.72 µS/cm	1.58 mg/L	4.70 NTU	-0.6 mV	16.00 ft	300.00 ml/min
6/6/2022 2:38 PM	01:00	7.44 pH	57.86 °F	610.31 µS/cm	0.34 mg/L	260.10 NTU	13.7 mV	16.00 ft	300.00 ml/min
6/6/2022 2:39 PM	02:00	7.40 pH	57.49 °F	612.87 µS/cm	0.27 mg/L	674.85 NTU	19.0 mV	16.00 ft	300.00 ml/min
6/6/2022 2:40 PM	03:00	7.37 pH	57.73 °F	613.18 µS/cm	0.26 mg/L	985.21 NTU	22.5 mV	16.00 ft	300.00 ml/min
6/6/2022 2:41 PM	04:00	7.37 pH	59.48 °F	613.08 µS/cm	0.26 mg/L	743.06 NTU	23.5 mV	16.00 ft	300.00 ml/min
6/6/2022 2:42 PM	05:00	7.35 pH	57.16 °F	611.94 µS/cm	0.23 mg/L	1,144.9 NTU	27.1 mV	16.00 ft	300.00 ml/min
6/6/2022 2:43 PM	06:00	7.35 pH	56.39 °F	612.51 µS/cm	0.17 mg/L	754.17 NTU	29.7 mV	16.00 ft	300.00 ml/min
6/6/2022 2:44 PM	07:00	7.35 pH	56.58 °F	610.70 µS/cm	0.14 mg/L	467.62 NTU	30.9 mV	16.00 ft	300.00 ml/min
6/6/2022 2:45 PM	08:00	7.35 pH	56.63 °F	610.05 µS/cm	0.12 mg/L	300.80 NTU	32.2 mV	16.00 ft	300.00 ml/min
6/6/2022 2:46 PM	09:00	7.35 pH	56.44 °F	607.51 µS/cm	0.10 mg/L	148.61 NTU	32.4 mV	16.00 ft	300.00 ml/min
6/6/2022 2:47 PM	10:00	7.35 pH	56.38 °F	607.94 µS/cm	0.10 mg/L	113.14 NTU	32.6 mV	16.00 ft	300.00 ml/min
6/6/2022 2:49 PM	11:30	7.34 pH	56.41 °F	607.49 µS/cm	0.09 mg/L	57.06 NTU	32.8 mV	16.00 ft	300.00 ml/min
6/6/2022 2:50 PM	12:30	7.34 pH	56.44 °F	606.97 µS/cm	0.09 mg/L	36.54 NTU	32.9 mV	16.00 ft	300.00 ml/min
6/6/2022 2:51 PM	13:30	7.34 pH	56.56 °F	607.80 µS/cm	0.09 mg/L	28.69 NTU	32.8 mV	16.00 ft	300.00 ml/min
6/6/2022 2:52 PM	14:30	7.35 pH	56.64 °F	606.97 µS/cm	0.09 mg/L	27.16 NTU	32.1 mV	16.00 ft	300.00 ml/min

6/6/2022 2:53 PM	15:30	7.34 pH	56.75 °F	606.53 µS/cm	0.09 mg/L	24.39 NTU	32.2 mV	16.00 ft	300.00 ml/min
6/6/2022 2:54 PM	16:30	7.34 pH	56.90 °F	605.61 µS/cm	0.09 mg/L	18.41 NTU	32.1 mV	16.00 ft	300.00 ml/min
6/6/2022 2:55 PM	17:30	7.34 pH	56.71 °F	567.57 µS/cm	0.09 mg/L	15.53 NTU	32.0 mV	16.00 ft	300.00 ml/min
6/6/2022 2:56 PM	18:30	7.32 pH	56.94 °F	567.19 µS/cm	0.09 mg/L	20.37 NTU	32.6 mV	16.00 ft	300.00 ml/min
6/6/2022 2:57 PM	19:30	7.32 pH	56.93 °F	566.96 µS/cm	0.09 mg/L	11.44 NTU	33.0 mV	16.00 ft	300.00 ml/min
6/6/2022 2:58 PM	20:30	7.31 pH	57.14 °F	571.63 µS/cm	0.09 mg/L	7.52 NTU	33.2 mV	16.00 ft	300.00 ml/min
6/6/2022 2:59 PM	21:30	7.31 pH	56.97 °F	570.25 µS/cm	0.08 mg/L	9.75 NTU	33.5 mV	16.00 ft	300.00 ml/min
6/6/2022 3:00 PM	22:30	7.29 pH	56.78 °F	570.38 µS/cm	0.09 mg/L	9.49 NTU	34.6 mV	16.00 ft	300.00 ml/min
6/6/2022 3:01 PM	23:30	7.28 pH	56.96 °F	567.06 µS/cm	0.08 mg/L	7.52 NTU	35.1 mV	16.00 ft	300.00 ml/min
6/6/2022 3:02 PM	24:30	7.27 pH	57.03 °F	567.84 µS/cm	0.08 mg/L	5.91 NTU	35.9 mV	16.00 ft	300.00 ml/min
6/6/2022 3:03 PM	25:30	7.26 pH	57.18 °F	568.71 µS/cm	0.08 mg/L	5.75 NTU	36.4 mV	16.00 ft	300.00 ml/min
6/6/2022 3:04 PM	26:30	7.25 pH	56.88 °F	567.44 µS/cm	0.08 mg/L	5.03 NTU	37.3 mV	16.00 ft	300.00 ml/min

Samples

Sample ID:	Description:
MW-32	VOCs

Low-Flow Test Report:

Test Date / Time: 6/8/2022 10:09:15 AM
Project: HRID 2Q2022 MW-29
Operator Name: Danielle Richardson

Location Name: HRID MW-29 Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 7 ft Total Depth: 17.6 ft Initial Depth to Water: 11.73 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 14 ft Estimated Total Volume Pumped: 2063.333 ml Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/8/2022 10:09 AM	00:00	7.23 pH	59.03 °F	831.73 µS/cm	0.16 mg/L	3.76 NTU	-88.2 mV	11.73 ft	200.00 ml/min
6/8/2022 10:09 AM	00:19	7.24 pH	59.22 °F	830.02 µS/cm	0.16 mg/L	3.59 NTU	-90.3 mV	11.73 ft	200.00 ml/min
6/8/2022 10:10 AM	01:19	7.24 pH	59.14 °F	823.81 µS/cm	0.16 mg/L	2.26 NTU	-94.9 mV	11.73 ft	200.00 ml/min
6/8/2022 10:11 AM	02:19	7.24 pH	58.78 °F	833.41 µS/cm	0.17 mg/L	1.53 NTU	-96.3 mV	11.73 ft	200.00 ml/min
6/8/2022 10:12 AM	03:19	7.24 pH	59.71 °F	814.13 µS/cm	1.08 mg/L	1.24 NTU	-97.8 mV	11.73 ft	200.00 ml/min
6/8/2022 10:13 AM	04:19	7.40 pH	63.07 °F	0.06 µS/cm	8.92 mg/L	0.80 NTU	-85.6 mV	11.73 ft	200.00 ml/min
6/8/2022 10:14 AM	05:19	7.59 pH	65.20 °F	1.06 µS/cm	8.78 mg/L	1.14 NTU	-81.9 mV	11.73 ft	200.00 ml/min
6/8/2022 10:15 AM	06:19	7.25 pH	60.86 °F	827.29 µS/cm	2.25 mg/L	3.19 NTU	-75.4 mV	11.73 ft	200.00 ml/min
6/8/2022 10:16 AM	07:19	7.22 pH	58.44 °F	846.93 µS/cm	0.25 mg/L	1.30 NTU	-77.2 mV	11.73 ft	200.00 ml/min
6/8/2022 10:17 AM	08:19	7.22 pH	58.00 °F	840.16 µS/cm	0.19 mg/L	1.15 NTU	-81.0 mV	11.73 ft	200.00 ml/min
6/8/2022 10:18 AM	09:19	7.22 pH	58.04 °F	843.16 µS/cm	0.18 mg/L	1.08 NTU	-83.5 mV	11.73 ft	200.00 ml/min
6/8/2022 10:19 AM	10:19	7.22 pH	59.18 °F	839.73 µS/cm	0.19 mg/L	1.06 NTU	-86.0 mV	11.73 ft	200.00 ml/min

Samples

Sample ID:	Description:
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MW-29	VOCs
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Low-Flow Test Report:

Test Date / Time: 6/8/2022 10:33:48 AM
Project: HRID 2Q2022 MW-29D
Operator Name: Danielle Richardson

Location Name: HRID MW-29D Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 31 ft Total Depth: 41 ft Initial Depth to Water: 11.91 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 26 ft Estimated Total Volume Pumped: 3840 ml Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/8/2022 10:33 AM	00:00	7.49 pH	59.22 °F	590.08 µS/cm	0.79 mg/L	2.18 NTU	16.8 mV	11.91 ft	200.00 ml/min
6/8/2022 10:34 AM	01:00	7.37 pH	58.98 °F	595.10 µS/cm	0.17 mg/L	3.49 NTU	13.2 mV	11.91 ft	200.00 ml/min
6/8/2022 10:35 AM	02:00	7.32 pH	58.05 °F	596.44 µS/cm	0.13 mg/L	4.15 NTU	11.0 mV	11.91 ft	200.00 ml/min
6/8/2022 10:36 AM	03:00	7.32 pH	57.72 °F	597.49 µS/cm	0.08 mg/L	6.01 NTU	7.6 mV	11.91 ft	200.00 ml/min
6/8/2022 10:37 AM	04:00	7.33 pH	58.59 °F	596.08 µS/cm	0.08 mg/L	8.40 NTU	3.9 mV	11.91 ft	200.00 ml/min
6/8/2022 10:38 AM	05:00	7.31 pH	57.56 °F	601.76 µS/cm	0.06 mg/L	15.70 NTU	2.0 mV	11.91 ft	200.00 ml/min
6/8/2022 10:39 AM	06:00	7.31 pH	57.64 °F	605.22 µS/cm	0.05 mg/L	13.88 NTU	-4.1 mV	11.91 ft	200.00 ml/min
6/8/2022 10:40 AM	07:00	7.31 pH	57.84 °F	606.49 µS/cm	0.05 mg/L	12.17 NTU	-8.5 mV	11.91 ft	200.00 ml/min
6/8/2022 10:41 AM	08:00	7.32 pH	58.13 °F	607.40 µS/cm	0.06 mg/L	11.60 NTU	-12.4 mV	11.91 ft	200.00 ml/min
6/8/2022 10:42 AM	09:00	7.31 pH	57.92 °F	608.43 µS/cm	0.05 mg/L	9.61 NTU	-15.4 mV	11.91 ft	200.00 ml/min
6/8/2022 10:43 AM	10:00	7.31 pH	57.91 °F	608.33 µS/cm	0.05 mg/L	8.71 NTU	-16.7 mV	11.91 ft	200.00 ml/min
6/8/2022 10:44 AM	11:00	7.30 pH	57.80 °F	608.02 µS/cm	0.04 mg/L	7.94 NTU	-15.2 mV	11.91 ft	200.00 ml/min
6/8/2022 10:45 AM	12:00	7.30 pH	57.72 °F	613.66 µS/cm	0.04 mg/L	5.75 NTU	-17.7 mV	11.91 ft	200.00 ml/min
6/8/2022 10:46 AM	13:00	7.30 pH	57.73 °F	615.17 µS/cm	0.04 mg/L	4.85 NTU	-22.7 mV	11.91 ft	200.00 ml/min
6/8/2022 10:47 AM	14:00	7.31 pH	57.78 °F	613.81 µS/cm	0.04 mg/L	2.85 NTU	-24.3 mV	11.91 ft	200.00 ml/min

6/8/2022 10:48 AM	15:00	7.30 pH	57.64 °F	613.43 µS/cm	0.04 mg/L	2.13 NTU	-24.8 mV	11.91 ft	200.00 ml/min
6/8/2022 10:49 AM	16:00	7.31 pH	57.61 °F	614.65 µS/cm	0.03 mg/L	1.53 NTU	-26.7 mV	11.91 ft	200.00 ml/min
6/8/2022 10:50 AM	17:00	7.31 pH	57.71 °F	614.82 µS/cm	0.03 mg/L	1.38 NTU	-27.3 mV	11.91 ft	200.00 ml/min
6/8/2022 10:51 AM	18:00	7.30 pH	57.88 °F	614.50 µS/cm	0.03 mg/L	1.35 NTU	-27.9 mV	11.91 ft	200.00 ml/min
6/8/2022 10:53 AM	19:12	7.29 pH	57.78 °F	614.58 µS/cm	0.03 mg/L	1.11 NTU	-28.0 mV	11.91 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW-29D	VOCs

Low-Flow Test Report:

Test Date / Time: 6/6/2022 9:13:36 AM
Project: HRID 2Q2022 MW-30
Operator Name: Danielle Richardson

Location Name: HRID MW-30 Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 4 ft Total Depth: 14.5 ft Initial Depth to Water: 10.01 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 12 ft Estimated Total Volume Pumped: 2750 ml Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/6/2022 9:13 AM	00:00	7.39 pH	58.13 °F	785.12 µS/cm	0.13 mg/L	165.93 NTU	-87.1 mV	10.01 ft	200.00 ml/min
6/6/2022 9:15 AM	01:45	7.39 pH	57.41 °F	811.79 µS/cm	0.09 mg/L	126.67 NTU	-96.7 mV	10.01 ft	200.00 ml/min
6/6/2022 9:16 AM	02:45	7.40 pH	57.11 °F	835.14 µS/cm	0.08 mg/L	81.60 NTU	-99.8 mV	10.01 ft	200.00 ml/min
6/6/2022 9:17 AM	03:45	7.39 pH	56.79 °F	878.96 µS/cm	0.09 mg/L	48.69 NTU	-102.2 mV	10.01 ft	200.00 ml/min
6/6/2022 9:18 AM	04:45	7.40 pH	56.70 °F	895.50 µS/cm	0.09 mg/L	30.28 NTU	-104.2 mV	10.01 ft	200.00 ml/min
6/6/2022 9:19 AM	05:45	7.40 pH	56.69 °F	905.29 µS/cm	0.09 mg/L	18.17 NTU	-105.9 mV	10.01 ft	200.00 ml/min
6/6/2022 9:20 AM	06:45	7.40 pH	56.64 °F	911.95 µS/cm	0.09 mg/L	14.59 NTU	-107.2 mV	10.01 ft	200.00 ml/min
6/6/2022 9:21 AM	07:45	7.40 pH	56.68 °F	909.97 µS/cm	0.09 mg/L	9.60 NTU	-107.9 mV	10.01 ft	200.00 ml/min
6/6/2022 9:22 AM	08:45	7.39 pH	56.63 °F	920.89 µS/cm	0.10 mg/L	6.87 NTU	-108.5 mV	10.01 ft	200.00 ml/min
6/6/2022 9:23 AM	09:45	7.39 pH	56.63 °F	923.84 µS/cm	0.10 mg/L	4.85 NTU	-108.8 mV	10.01 ft	200.00 ml/min
6/6/2022 9:24 AM	10:45	7.39 pH	56.77 °F	922.69 µS/cm	0.10 mg/L	3.43 NTU	-109.2 mV	10.01 ft	200.00 ml/min
6/6/2022 9:25 AM	11:45	7.39 pH	57.00 °F	920.21 µS/cm	0.10 mg/L	2.66 NTU	-110.0 mV	10.01 ft	200.00 ml/min
6/6/2022 9:26 AM	12:45	7.39 pH	57.10 °F	927.72 µS/cm	0.09 mg/L	2.79 NTU	-110.6 mV	10.01 ft	200.00 ml/min
6/6/2022 9:27 AM	13:45	7.39 pH	58.13 °F	926.47 µS/cm	0.10 mg/L	2.59 NTU	-111.4 mV	10.01 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW-30	VOCs, MS/MSD

Low-Flow Test Report:

Test Date / Time: 6/6/2022 9:44:45 AM
Project: HRID 2Q2022 MW-31
Operator Name: Danielle Richardson

Location Name: HRID MW-31 Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 19 ft Total Depth: 29.83 ft Initial Depth to Water: 8.84 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 19 ft Estimated Total Volume Pumped: 4000 ml Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/6/2022 9:44 AM	00:00	7.77 pH	61.21 °F	620.56 µS/cm	0.45 mg/L	15.87 NTU	-100.2 mV	8.84 ft	200.00 ml/min
6/6/2022 9:45 AM	01:00	7.80 pH	58.65 °F	623.26 µS/cm	0.19 mg/L	17.67 NTU	-115.3 mV	8.84 ft	200.00 ml/min
6/6/2022 9:46 AM	02:00	7.80 pH	57.79 °F	626.89 µS/cm	0.15 mg/L	18.56 NTU	-121.8 mV	8.84 ft	200.00 ml/min
6/6/2022 9:47 AM	03:00	7.80 pH	58.44 °F	626.21 µS/cm	0.13 mg/L	17.85 NTU	-125.2 mV	8.84 ft	200.00 ml/min
6/6/2022 9:48 AM	04:00	7.79 pH	60.37 °F	634.50 µS/cm	0.16 mg/L	20.57 NTU	-128.0 mV	8.84 ft	200.00 ml/min
6/6/2022 9:49 AM	05:00	7.80 pH	58.31 °F	625.73 µS/cm	0.16 mg/L	59.04 NTU	-129.9 mV	8.84 ft	200.00 ml/min
6/6/2022 9:50 AM	06:00	7.80 pH	59.21 °F	627.16 µS/cm	0.12 mg/L	21.55 NTU	-132.6 mV	8.84 ft	200.00 ml/min
6/6/2022 9:51 AM	07:00	7.79 pH	58.47 °F	625.41 µS/cm	0.13 mg/L	23.65 NTU	-133.6 mV	8.84 ft	200.00 ml/min
6/6/2022 9:52 AM	08:00	7.79 pH	59.35 °F	626.96 µS/cm	0.12 mg/L	25.40 NTU	-135.3 mV	8.84 ft	200.00 ml/min
6/6/2022 9:53 AM	09:00	7.81 pH	61.29 °F	1.21 µS/cm	7.59 mg/L	148.50 NTU	-123.1 mV	8.84 ft	200.00 ml/min
6/6/2022 9:54 AM	10:00	7.79 pH	58.58 °F	615.62 µS/cm	0.87 mg/L	33.41 NTU	-126.7 mV	8.84 ft	200.00 ml/min
6/6/2022 9:55 AM	11:00	7.79 pH	59.97 °F	615.85 µS/cm	0.28 mg/L	26.57 NTU	-131.0 mV	8.84 ft	200.00 ml/min
6/6/2022 9:56 AM	12:00	7.78 pH	61.78 °F	613.64 µS/cm	0.26 mg/L	25.99 NTU	-133.3 mV	8.84 ft	200.00 ml/min
6/6/2022 9:57 AM	13:00	7.77 pH	62.96 °F	619.34 µS/cm	0.21 mg/L	22.55 NTU	-135.9 mV	8.84 ft	200.00 ml/min
6/6/2022 9:58 AM	14:00	7.77 pH	63.30 °F	616.77 µS/cm	0.19 mg/L	23.20 NTU	-137.7 mV	8.84 ft	200.00 ml/min

6/6/2022 9:59 AM	15:00	7.77 pH	62.34 °F	612.98 µS/cm	0.20 mg/L	27.30 NTU	-138.1 mV	8.84 ft	200.00 ml/min
6/6/2022 10:00 AM	16:00	7.78 pH	60.62 °F	610.26 µS/cm	0.18 mg/L	19.72 NTU	-138.0 mV	8.84 ft	200.00 ml/min
6/6/2022 10:01 AM	17:00	7.79 pH	59.54 °F	613.29 µS/cm	0.12 mg/L	17.84 NTU	-141.2 mV	8.84 ft	200.00 ml/min
6/6/2022 10:02 AM	18:00	7.79 pH	58.60 °F	616.10 µS/cm	0.23 mg/L	23.05 NTU	-138.8 mV	8.84 ft	200.00 ml/min
6/6/2022 10:03 AM	19:00	7.77 pH	59.93 °F	617.69 µS/cm	0.29 mg/L	27.59 NTU	-136.2 mV	8.84 ft	200.00 ml/min
6/6/2022 10:04 AM	20:00	7.77 pH	58.61 °F	617.26 µS/cm	0.39 mg/L	27.17 NTU	-133.0 mV	8.84 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW-31	VOCs

Low-Flow Test Report:

Test Date / Time: 6/7/2022 1:49:12 PM
Project: HRID 2Q2022 MW-33
Operator Name: Danielle Richardson

Location Name: HRID MW-33 Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 8 ft Total Depth: 18 ft Initial Depth to Water: 17.24 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 18 ft Estimated Total Volume Pumped: 3000 ml Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/7/2022 1:49 PM	00:00	7.56 pH	59.16 °F	605.96 µS/cm	1.04 mg/L	6,031.2 NTU	162.3 mV	17.24 ft	200.00 ml/min
6/7/2022 1:50 PM	01:00	7.45 pH	57.97 °F	615.93 µS/cm	0.20 mg/L	5,975.6 NTU	169.2 mV	17.24 ft	200.00 ml/min
6/7/2022 1:51 PM	02:00	7.42 pH	57.72 °F	619.60 µS/cm	0.14 mg/L	5,346.6 NTU	169.0 mV	17.24 ft	200.00 ml/min
6/7/2022 1:52 PM	03:00	7.41 pH	57.20 °F	622.44 µS/cm	0.11 mg/L	2,260.3 NTU	168.5 mV	17.24 ft	200.00 ml/min
6/7/2022 1:53 PM	04:00	7.40 pH	56.84 °F	623.46 µS/cm	0.09 mg/L	942.64 NTU	168.2 mV	17.24 ft	200.00 ml/min
6/7/2022 1:54 PM	05:00	7.39 pH	56.55 °F	623.97 µS/cm	0.07 mg/L	485.27 NTU	167.5 mV	17.24 ft	200.00 ml/min
6/7/2022 1:55 PM	06:00	7.39 pH	56.50 °F	623.83 µS/cm	0.07 mg/L	292.65 NTU	166.7 mV	17.24 ft	200.00 ml/min
6/7/2022 1:56 PM	07:00	7.39 pH	56.65 °F	623.97 µS/cm	0.06 mg/L	188.64 NTU	165.3 mV	17.24 ft	200.00 ml/min
6/7/2022 1:57 PM	08:00	7.38 pH	56.65 °F	623.97 µS/cm	0.06 mg/L	111.07 NTU	164.0 mV	17.24 ft	200.00 ml/min
6/7/2022 1:58 PM	09:00	7.37 pH	56.49 °F	623.66 µS/cm	0.06 mg/L	98.15 NTU	162.8 mV	17.24 ft	200.00 ml/min
6/7/2022 1:59 PM	10:00	7.37 pH	56.55 °F	624.07 µS/cm	0.06 mg/L	71.96 NTU	161.0 mV	17.24 ft	200.00 ml/min
6/7/2022 2:00 PM	11:00	7.36 pH	56.64 °F	623.63 µS/cm	0.06 mg/L	58.43 NTU	159.4 mV	17.24 ft	200.00 ml/min
6/7/2022 2:01 PM	12:00	7.35 pH	56.63 °F	623.65 µS/cm	0.06 mg/L	44.77 NTU	158.0 mV	17.24 ft	200.00 ml/min
6/7/2022 2:02 PM	13:00	7.34 pH	56.66 °F	623.59 µS/cm	0.06 mg/L	39.85 NTU	156.6 mV	17.24 ft	200.00 ml/min
6/7/2022 2:03 PM	14:00	7.33 pH	56.67 °F	623.15 µS/cm	0.07 mg/L	40.43 NTU	155.0 mV	17.24 ft	200.00 ml/min

6/7/2022 2:04 PM	15:00	7.31 pH	56.72 °F	623.72 µS/cm	0.06 mg/L	37.95 NTU	153.6 mV	17.24 ft	200.00 ml/min
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Samples

Sample ID:	Description:
MW-33	VOCs

Low-Flow Test Report:

Test Date / Time: 6/7/2022 8:48:14 AM
Project: HRID 2Q2022 MW-33D
Operator Name: Danielle Richardson

Location Name: HRID MW-33D Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 23 ft Total Depth: 33 ft Initial Depth to Water: 17.55 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 25 ft Estimated Total Volume Pumped: 6600 ml Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:
Dup

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/7/2022 8:48 AM	00:00	7.50 pH	58.60 °F	617.70 µS/cm	1.02 mg/L	313.35 NTU	333.4 mV	17.55 ft	200.00 ml/min
6/7/2022 8:49 AM	01:00	7.44 pH	58.31 °F	622.76 µS/cm	0.21 mg/L	1,214.2 NTU	342.0 mV	17.55 ft	200.00 ml/min
6/7/2022 8:50 AM	02:00	7.42 pH	57.62 °F	625.05 µS/cm	0.14 mg/L	1,780.4 NTU	340.8 mV	17.55 ft	200.00 ml/min
6/7/2022 8:51 AM	03:00	7.41 pH	57.53 °F	625.89 µS/cm	0.11 mg/L	1,695.9 NTU	325.4 mV	17.55 ft	200.00 ml/min
6/7/2022 8:52 AM	04:00	7.40 pH	57.49 °F	627.36 µS/cm	0.10 mg/L	1,193.0 NTU	290.0 mV	17.55 ft	200.00 ml/min
6/7/2022 8:53 AM	05:00	7.40 pH	57.36 °F	627.77 µS/cm	0.08 mg/L	989.35 NTU	242.1 mV	17.55 ft	200.00 ml/min
6/7/2022 8:54 AM	06:00	7.39 pH	57.20 °F	628.67 µS/cm	0.07 mg/L	636.84 NTU	202.2 mV	17.55 ft	200.00 ml/min
6/7/2022 8:55 AM	07:00	7.39 pH	57.25 °F	629.07 µS/cm	0.06 mg/L	425.34 NTU	174.4 mV	17.55 ft	200.00 ml/min
6/7/2022 8:56 AM	08:00	7.39 pH	57.37 °F	629.69 µS/cm	0.06 mg/L	330.02 NTU	153.3 mV	17.55 ft	200.00 ml/min
6/7/2022 8:57 AM	09:00	7.39 pH	57.22 °F	629.35 µS/cm	0.06 mg/L	241.98 NTU	139.1 mV	17.55 ft	200.00 ml/min
6/7/2022 8:58 AM	10:00	7.39 pH	57.22 °F	630.17 µS/cm	0.06 mg/L	199.79 NTU	126.5 mV	17.55 ft	200.00 ml/min
6/7/2022 8:59 AM	11:00	7.39 pH	57.77 °F	629.90 µS/cm	0.06 mg/L	193.05 NTU	116.6 mV	17.55 ft	200.00 ml/min
6/7/2022 9:00 AM	12:00	7.39 pH	58.03 °F	629.69 µS/cm	0.07 mg/L	200.14 NTU	109.8 mV	17.55 ft	200.00 ml/min
6/7/2022 9:01 AM	13:00	7.39 pH	57.54 °F	629.48 µS/cm	0.07 mg/L	140.03 NTU	102.8 mV	17.55 ft	200.00 ml/min
6/7/2022 9:02 AM	14:00	7.38 pH	57.36 °F	629.61 µS/cm	0.05 mg/L	123.42 NTU	97.0 mV	17.55 ft	200.00 ml/min

6/7/2022 9:03 AM	15:00	7.38 pH	57.22 °F	629.59 µS/cm	0.05 mg/L	102.15 NTU	91.2 mV	17.55 ft	200.00 ml/min
6/7/2022 9:04 AM	16:00	7.38 pH	57.14 °F	629.88 µS/cm	0.05 mg/L	69.29 NTU	85.8 mV	17.55 ft	200.00 ml/min
6/7/2022 9:05 AM	17:00	7.39 pH	57.26 °F	630.14 µS/cm	0.04 mg/L	56.79 NTU	80.8 mV	17.55 ft	200.00 ml/min
6/7/2022 9:06 AM	18:00	7.38 pH	57.27 °F	629.89 µS/cm	0.05 mg/L	51.15 NTU	76.7 mV	17.55 ft	200.00 ml/min
6/7/2022 9:07 AM	19:00	7.39 pH	57.35 °F	630.07 µS/cm	0.05 mg/L	44.36 NTU	72.4 mV	17.55 ft	200.00 ml/min
6/7/2022 9:08 AM	20:00	7.39 pH	57.55 °F	629.42 µS/cm	0.05 mg/L	41.17 NTU	68.7 mV	17.55 ft	200.00 ml/min
6/7/2022 9:09 AM	21:00	7.38 pH	57.31 °F	629.15 µS/cm	0.05 mg/L	33.79 NTU	66.0 mV	17.55 ft	200.00 ml/min
6/7/2022 9:10 AM	22:00	7.38 pH	57.22 °F	629.59 µS/cm	0.04 mg/L	23.11 NTU	62.9 mV	17.55 ft	200.00 ml/min
6/7/2022 9:11 AM	23:00	7.38 pH	57.22 °F	629.83 µS/cm	0.04 mg/L	16.91 NTU	59.3 mV	17.55 ft	200.00 ml/min
6/7/2022 9:12 AM	24:00	7.38 pH	57.20 °F	629.83 µS/cm	0.04 mg/L	19.10 NTU	56.5 mV	17.55 ft	200.00 ml/min
6/7/2022 9:13 AM	25:00	7.38 pH	57.28 °F	629.79 µS/cm	0.04 mg/L	15.02 NTU	53.7 mV	17.55 ft	200.00 ml/min
6/7/2022 9:14 AM	26:00	7.38 pH	57.22 °F	629.25 µS/cm	0.04 mg/L	12.84 NTU	51.7 mV	17.55 ft	200.00 ml/min
6/7/2022 9:15 AM	27:00	7.38 pH	57.32 °F	629.86 µS/cm	0.04 mg/L	9.78 NTU	49.3 mV	17.55 ft	200.00 ml/min
6/7/2022 9:16 AM	28:00	7.38 pH	57.28 °F	629.49 µS/cm	0.04 mg/L	10.89 NTU	47.3 mV	17.55 ft	200.00 ml/min
6/7/2022 9:17 AM	29:00	7.38 pH	57.27 °F	629.45 µS/cm	0.04 mg/L	7.36 NTU	45.0 mV	17.55 ft	200.00 ml/min
6/7/2022 9:18 AM	30:00	7.38 pH	57.26 °F	629.46 µS/cm	0.04 mg/L	7.99 NTU	43.6 mV	17.55 ft	200.00 ml/min
6/7/2022 9:19 AM	31:00	7.39 pH	57.70 °F	630.26 µS/cm	0.08 mg/L	12.41 NTU	50.3 mV	17.55 ft	200.00 ml/min
6/7/2022 9:20 AM	32:00	7.38 pH	57.17 °F	629.22 µS/cm	0.04 mg/L	9.33 NTU	45.1 mV	17.55 ft	200.00 ml/min
6/7/2022 9:21 AM	33:00	7.38 pH	57.03 °F	629.53 µS/cm	0.03 mg/L	5.95 NTU	41.6 mV	17.55 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW-33D	VOCs, Dup

Low-Flow Test Report:

Test Date / Time: 6/9/2022 8:42:25 AM
Project: HRID 2Q2022 MW-36
Operator Name: Danielle Richardson

Location Name: HRID MW-36 Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 18 ft Total Depth: 28 ft Initial Depth to Water: 7.71 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 19 ft Estimated Total Volume Pumped: 7000 ml Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/9/2022 8:42 AM	00:00	7.78 pH	55.52 °F	677.52 µS/cm	4.60 mg/L	4,083.6 NTU	356.9 mV	7.71 ft	200.00 ml/min
6/9/2022 8:43 AM	01:00	7.50 pH	53.08 °F	691.08 µS/cm	2.78 mg/L	4,294.1 NTU	371.0 mV	7.71 ft	200.00 ml/min
6/9/2022 8:44 AM	02:00	7.47 pH	53.07 °F	673.26 µS/cm	4.12 mg/L	3,034.1 NTU	374.6 mV	7.71 ft	200.00 ml/min
6/9/2022 8:45 AM	03:00	7.47 pH	53.50 °F	669.02 µS/cm	4.96 mg/L	2,621.7 NTU	376.1 mV	7.71 ft	200.00 ml/min
6/9/2022 8:46 AM	04:00	7.46 pH	53.76 °F	667.90 µS/cm	5.15 mg/L	2,265.8 NTU	377.5 mV	7.71 ft	200.00 ml/min
6/9/2022 8:47 AM	05:00	7.46 pH	54.27 °F	667.08 µS/cm	5.25 mg/L	1,855.7 NTU	378.1 mV	7.71 ft	200.00 ml/min
6/9/2022 8:48 AM	06:00	7.45 pH	54.67 °F	669.20 µS/cm	5.28 mg/L	1,577.1 NTU	378.5 mV	7.71 ft	200.00 ml/min
6/9/2022 8:49 AM	07:00	7.45 pH	55.18 °F	470.73 µS/cm	5.87 mg/L	0.86 NTU	379.0 mV	7.71 ft	200.00 ml/min
6/9/2022 8:50 AM	08:00	7.49 pH	56.19 °F	670.40 µS/cm	6.93 mg/L	1,798.7 NTU	377.6 mV	7.71 ft	200.00 ml/min
6/9/2022 8:51 AM	09:00	7.52 pH	56.76 °F	670.74 µS/cm	8.38 mg/L	1,874.0 NTU	376.5 mV	7.71 ft	200.00 ml/min
6/9/2022 8:52 AM	10:00	7.53 pH	57.32 °F	672.04 µS/cm	8.66 mg/L	1,684.8 NTU	375.4 mV	7.71 ft	200.00 ml/min
6/9/2022 8:53 AM	11:00	7.49 pH	57.55 °F	671.65 µS/cm	6.72 mg/L	1,477.2 NTU	377.6 mV	7.71 ft	200.00 ml/min
6/9/2022 8:54 AM	12:00	7.46 pH	55.51 °F	663.41 µS/cm	5.65 mg/L	1,717.0 NTU	380.2 mV	7.71 ft	200.00 ml/min
6/9/2022 8:55 AM	13:00	7.43 pH	54.16 °F	661.32 µS/cm	5.75 mg/L	791.24 NTU	380.9 mV	7.71 ft	200.00 ml/min
6/9/2022 8:56 AM	14:00	7.43 pH	53.37 °F	665.90 µS/cm	5.77 mg/L	484.90 NTU	380.9 mV	7.71 ft	200.00 ml/min

6/9/2022 8:57 AM	15:00	7.43 pH	53.35 °F	668.08 µS/cm	5.86 mg/L	313.93 NTU	380.6 mV	7.71 ft	200.00 ml/min
6/9/2022 8:58 AM	16:00	7.41 pH	53.36 °F	669.48 µS/cm	5.78 mg/L	317.83 NTU	381.7 mV	7.71 ft	200.00 ml/min
6/9/2022 8:59 AM	17:00	7.42 pH	53.01 °F	669.57 µS/cm	5.65 mg/L	160.13 NTU	381.1 mV	7.71 ft	200.00 ml/min
6/9/2022 9:00 AM	18:00	7.41 pH	52.83 °F	671.22 µS/cm	5.79 mg/L	101.23 NTU	381.1 mV	7.71 ft	200.00 ml/min
6/9/2022 9:01 AM	19:00	7.41 pH	52.64 °F	671.69 µS/cm	5.60 mg/L	74.75 NTU	381.2 mV	7.71 ft	200.00 ml/min
6/9/2022 9:02 AM	20:00	7.41 pH	52.61 °F	673.97 µS/cm	5.48 mg/L	61.69 NTU	380.7 mV	7.71 ft	200.00 ml/min
6/9/2022 9:03 AM	21:00	7.41 pH	52.66 °F	675.33 µS/cm	5.35 mg/L	59.10 NTU	380.2 mV	7.71 ft	200.00 ml/min
6/9/2022 9:04 AM	22:00	7.40 pH	52.87 °F	676.53 µS/cm	5.22 mg/L	56.06 NTU	380.1 mV	7.71 ft	200.00 ml/min
6/9/2022 9:05 AM	23:00	7.39 pH	52.85 °F	677.95 µS/cm	5.06 mg/L	40.97 NTU	380.0 mV	7.71 ft	200.00 ml/min
6/9/2022 9:06 AM	24:00	7.39 pH	52.66 °F	676.22 µS/cm	5.28 mg/L	24.24 NTU	379.6 mV	7.71 ft	200.00 ml/min
6/9/2022 9:07 AM	25:00	7.39 pH	52.61 °F	677.69 µS/cm	5.21 mg/L	28.39 NTU	379.1 mV	7.71 ft	200.00 ml/min
6/9/2022 9:08 AM	26:00	7.39 pH	52.60 °F	678.02 µS/cm	5.08 mg/L	20.87 NTU	378.6 mV	7.71 ft	200.00 ml/min
6/9/2022 9:09 AM	27:00	7.39 pH	52.87 °F	678.98 µS/cm	5.05 mg/L	18.30 NTU	378.3 mV	7.71 ft	200.00 ml/min
6/9/2022 9:10 AM	28:00	7.39 pH	53.06 °F	681.06 µS/cm	4.81 mg/L	19.84 NTU	377.7 mV	7.71 ft	200.00 ml/min
6/9/2022 9:11 AM	29:00	7.39 pH	52.96 °F	679.76 µS/cm	4.82 mg/L	15.77 NTU	377.2 mV	7.71 ft	200.00 ml/min
6/9/2022 9:12 AM	30:00	7.39 pH	52.83 °F	678.67 µS/cm	5.06 mg/L	12.04 NTU	377.0 mV	7.71 ft	200.00 ml/min
6/9/2022 9:13 AM	31:00	7.39 pH	52.71 °F	679.08 µS/cm	5.06 mg/L	8.12 NTU	376.6 mV	7.71 ft	200.00 ml/min
6/9/2022 9:14 AM	32:00	7.38 pH	52.68 °F	679.31 µS/cm	4.99 mg/L	6.15 NTU	376.3 mV	7.71 ft	200.00 ml/min
6/9/2022 9:15 AM	33:00	7.38 pH	52.66 °F	679.64 µS/cm	4.92 mg/L	5.86 NTU	375.9 mV	7.71 ft	200.00 ml/min
6/9/2022 9:16 AM	34:00	7.38 pH	52.60 °F	679.51 µS/cm	4.95 mg/L	5.18 NTU	375.5 mV	7.71 ft	200.00 ml/min
6/9/2022 9:17 AM	35:00	7.38 pH	52.58 °F	679.84 µS/cm	4.91 mg/L	5.05 NTU	375.0 mV	7.71 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW-36	VOCs

Low-Flow Test Report:

Test Date / Time: 6/6/2022 11:45:42 AM
Project: HRID 2Q2022 MW-37
Operator Name: Sabrina Bailey

Location Name: HRID MW-37 Well Diameter: 2 cm Casing Type: PVC sch 40 Screen Length: 10 m Top of Screen: 15 m Total Depth: 25 m Initial Depth to Water: 17.58 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 21 ft Estimated Total Volume Pumped: 7366.667 ml Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/6/2022 11:45 AM	00:00	7.47 pH	65.23 °F	622.54 µS/cm	1.69 mg/L	1,427.4 NTU	-25.1 mV	17.58 ft	200.00 ml/min
6/6/2022 11:46 AM	01:00	7.38 pH	61.48 °F	633.42 µS/cm	0.23 mg/L	1,299.9 NTU	-21.1 mV	17.58 ft	200.00 ml/min
6/6/2022 11:47 AM	02:00	7.36 pH	64.49 °F	641.41 µS/cm	0.22 mg/L	964.11 NTU	-21.4 mV	17.58 ft	200.00 ml/min
6/6/2022 11:48 AM	03:00	7.34 pH	63.39 °F	627.33 µS/cm	0.23 mg/L	1,463.8 NTU	-21.8 mV	17.58 ft	200.00 ml/min
6/6/2022 11:49 AM	04:00	7.36 pH	57.26 °F	635.66 µS/cm	0.12 mg/L	1,900.9 NTU	-16.2 mV	17.58 ft	200.00 ml/min
6/6/2022 11:50 AM	05:00	7.36 pH	57.02 °F	636.86 µS/cm	0.11 mg/L	1,740.7 NTU	-11.8 mV	17.58 ft	200.00 ml/min
6/6/2022 11:51 AM	06:00	7.36 pH	56.91 °F	636.86 µS/cm	0.12 mg/L	1,371.1 NTU	-8.0 mV	17.58 ft	200.00 ml/min
6/6/2022 11:52 AM	07:00	7.36 pH	56.90 °F	637.11 µS/cm	0.20 mg/L	1,061.2 NTU	-5.1 mV	17.58 ft	200.00 ml/min
6/6/2022 11:53 AM	08:00	7.36 pH	57.21 °F	636.35 µS/cm	0.30 mg/L	828.10 NTU	-3.1 mV	17.58 ft	200.00 ml/min
6/6/2022 11:54 AM	09:00	7.36 pH	58.43 °F	619.47 µS/cm	0.97 mg/L	842.21 NTU	-1.7 mV	17.58 ft	200.00 ml/min
6/6/2022 11:55 AM	10:00	7.35 pH	57.08 °F	617.10 µS/cm	0.26 mg/L	530.56 NTU	0.3 mV	17.58 ft	200.00 ml/min
6/6/2022 11:58 AM	12:50	7.35 pH	56.60 °F	616.50 µS/cm	0.11 mg/L	96.19 NTU	3.1 mV	17.58 ft	200.00 ml/min
6/6/2022 11:59 AM	13:50	7.35 pH	56.64 °F	616.86 µS/cm	0.10 mg/L	67.92 NTU	3.7 mV	17.58 ft	200.00 ml/min
6/6/2022 12:00 PM	14:50	7.34 pH	55.73 °F	636.31 µS/cm	0.10 mg/L	89.75 NTU	5.1 mV	17.58 ft	200.00 ml/min
6/6/2022 12:01 PM	15:50	7.34 pH	55.35 °F	637.43 µS/cm	0.09 mg/L	49.02 NTU	6.2 mV	17.58 ft	200.00 ml/min

6/6/2022 12:02 PM	16:50	7.37 pH	55.53 °F	618.66 µS/cm	2.10 mg/L	89.01 NTU	7.0 mV	17.58 ft	200.00 ml/min
6/6/2022 12:03 PM	17:50	7.32 pH	55.12 °F	615.42 µS/cm	0.16 mg/L	108.71 NTU	8.8 mV	17.58 ft	200.00 ml/min
6/6/2022 12:04 PM	18:50	7.35 pH	56.77 °F	617.58 µS/cm	0.16 mg/L	92.21 NTU	7.5 mV	17.58 ft	200.00 ml/min
6/6/2022 12:05 PM	19:50	7.34 pH	58.96 °F	617.55 µS/cm	0.19 mg/L	76.98 NTU	7.0 mV	17.58 ft	200.00 ml/min
6/6/2022 12:06 PM	20:50	7.34 pH	56.65 °F	613.65 µS/cm	0.15 mg/L	106.88 NTU	7.8 mV	17.58 ft	200.00 ml/min
6/6/2022 12:07 PM	21:50	7.34 pH	56.23 °F	614.85 µS/cm	0.11 mg/L	131.05 NTU	7.9 mV	17.58 ft	200.00 ml/min
6/6/2022 12:08 PM	22:50	7.34 pH	56.05 °F	615.16 µS/cm	0.12 mg/L	133.86 NTU	8.2 mV	17.58 ft	200.00 ml/min
6/6/2022 12:09 PM	23:50	7.34 pH	55.58 °F	616.70 µS/cm	0.13 mg/L	120.68 NTU	8.9 mV	17.58 ft	200.00 ml/min
6/6/2022 12:10 PM	24:50	7.34 pH	55.76 °F	616.27 µS/cm	0.16 mg/L	96.33 NTU	9.3 mV	17.58 ft	200.00 ml/min
6/6/2022 12:11 PM	25:50	7.34 pH	55.86 °F	618.98 µS/cm	0.22 mg/L	69.75 NTU	9.7 mV	17.58 ft	200.00 ml/min
6/6/2022 12:12 PM	26:50	7.34 pH	55.72 °F	617.44 µS/cm	0.27 mg/L	54.06 NTU	10.0 mV	17.58 ft	200.00 ml/min
6/6/2022 12:13 PM	27:50	7.34 pH	55.55 °F	619.32 µS/cm	0.26 mg/L	35.39 NTU	11.0 mV	17.58 ft	200.00 ml/min
6/6/2022 12:14 PM	28:50	7.34 pH	55.51 °F	617.96 µS/cm	0.25 mg/L	26.47 NTU	11.1 mV	17.58 ft	200.00 ml/min
6/6/2022 12:15 PM	29:50	7.34 pH	55.51 °F	619.11 µS/cm	0.24 mg/L	19.18 NTU	11.4 mV	17.58 ft	200.00 ml/min
6/6/2022 12:16 PM	30:50	7.34 pH	55.24 °F	621.41 µS/cm	0.66 mg/L	35.43 NTU	12.3 mV	17.58 ft	200.00 ml/min
6/6/2022 12:17 PM	31:50	7.33 pH	55.29 °F	621.24 µS/cm	0.32 mg/L	22.87 NTU	13.2 mV	17.58 ft	200.00 ml/min
6/6/2022 12:18 PM	32:50	7.33 pH	55.34 °F	618.98 µS/cm	0.21 mg/L	14.96 NTU	13.0 mV	17.58 ft	200.00 ml/min
6/6/2022 12:19 PM	33:50	7.33 pH	55.26 °F	640.52 µS/cm	0.23 mg/L	30.72 NTU	13.2 mV	17.58 ft	200.00 ml/min
6/6/2022 12:20 PM	34:50	7.33 pH	55.18 °F	642.15 µS/cm	0.26 mg/L	39.30 NTU	13.7 mV	17.58 ft	200.00 ml/min
6/6/2022 12:21 PM	35:50	7.32 pH	55.28 °F	642.15 µS/cm	0.25 mg/L	32.26 NTU	14.1 mV	17.58 ft	200.00 ml/min
6/6/2022 12:22 PM	36:50	7.32 pH	55.39 °F	641.45 µS/cm	0.23 mg/L	22.61 NTU	14.3 mV	17.58 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW-37	VOCs, DUP A

Low-Flow Test Report:

Test Date / Time: 6/6/2022 1:29:15 PM
Project: HRID 2Q2022 MW-39
Operator Name: Sabrina Bailey

Location Name: HRID MW-39 Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 15 ft Total Depth: 25 ft Initial Depth to Water: 15.49 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 20 ft Estimated Total Volume Pumped: 3800 ml Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/6/2022 1:29 PM	00:00	7.34 pH	72.80 °F	832.08 µS/cm	4.06 mg/L	604.54 NTU	88.8 mV	15.49 ft	200.00 ml/min
6/6/2022 1:30 PM	01:00	7.06 pH	60.37 °F	879.44 µS/cm	1.39 mg/L	965.69 NTU	107.6 mV	15.49 ft	200.00 ml/min
6/6/2022 1:31 PM	02:00	7.04 pH	58.67 °F	887.11 µS/cm	1.30 mg/L	776.30 NTU	110.9 mV	15.49 ft	200.00 ml/min
6/6/2022 1:32 PM	03:00	7.04 pH	58.56 °F	878.48 µS/cm	1.31 mg/L	605.71 NTU	112.2 mV	15.49 ft	200.00 ml/min
6/6/2022 1:33 PM	04:00	7.04 pH	58.42 °F	864.33 µS/cm	1.34 mg/L	320.97 NTU	112.9 mV	15.49 ft	200.00 ml/min
6/6/2022 1:34 PM	05:00	7.06 pH	58.73 °F	837.57 µS/cm	1.38 mg/L	151.64 NTU	111.1 mV	15.49 ft	200.00 ml/min
6/6/2022 1:35 PM	06:00	7.06 pH	58.72 °F	824.98 µS/cm	1.40 mg/L	102.25 NTU	109.2 mV	15.49 ft	200.00 ml/min
6/6/2022 1:36 PM	07:00	7.06 pH	58.38 °F	814.73 µS/cm	1.42 mg/L	63.86 NTU	107.9 mV	15.49 ft	200.00 ml/min
6/6/2022 1:37 PM	08:00	7.07 pH	58.15 °F	808.03 µS/cm	1.42 mg/L	37.64 NTU	105.9 mV	15.49 ft	200.00 ml/min
6/6/2022 1:38 PM	09:00	7.08 pH	58.28 °F	802.79 µS/cm	1.39 mg/L	26.74 NTU	103.5 mV	15.49 ft	200.00 ml/min
6/6/2022 1:39 PM	10:00	7.07 pH	59.79 °F	804.39 µS/cm	1.39 mg/L	24.57 NTU	101.4 mV	15.49 ft	200.00 ml/min
6/6/2022 1:40 PM	11:00	7.07 pH	58.58 °F	802.36 µS/cm	1.37 mg/L	57.22 NTU	100.4 mV	15.49 ft	200.00 ml/min
6/6/2022 1:41 PM	12:00	7.08 pH	58.70 °F	796.93 µS/cm	1.35 mg/L	22.02 NTU	98.6 mV	15.49 ft	200.00 ml/min
6/6/2022 1:42 PM	13:00	7.08 pH	58.59 °F	797.44 µS/cm	1.35 mg/L	15.09 NTU	96.5 mV	15.49 ft	200.00 ml/min
6/6/2022 1:43 PM	14:00	7.08 pH	58.32 °F	793.89 µS/cm	1.32 mg/L	10.26 NTU	95.2 mV	15.49 ft	200.00 ml/min

6/6/2022 1:44 PM	15:00	7.08 pH	58.32 °F	792.68 µS/cm	1.32 mg/L	7.39 NTU	93.4 mV	15.49 ft	200.00 ml/min
6/6/2022 1:45 PM	16:00	7.09 pH	58.58 °F	788.99 µS/cm	1.32 mg/L	4.70 NTU	91.8 mV	15.49 ft	200.00 ml/min
6/6/2022 1:46 PM	17:00	7.08 pH	58.72 °F	790.10 µS/cm	1.32 mg/L	8.46 NTU	90.1 mV	15.49 ft	200.00 ml/min
6/6/2022 1:47 PM	18:00	7.08 pH	58.35 °F	790.82 µS/cm	1.33 mg/L	9.89 NTU	89.1 mV	15.49 ft	200.00 ml/min
6/6/2022 1:48 PM	19:00	7.09 pH	58.22 °F	781.20 µS/cm	1.25 mg/L	4.33 NTU	86.2 mV	15.49 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW-39	VOCs

Low-Flow Test Report:

Test Date / Time: 6/7/2022 3:04:41 PM
Project: HRID 2Q2022 MW-40
Operator Name: Danielle Richardson

Location Name: HRID MW-40 Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 m Top of Screen: 8 m Total Depth: 18 m Initial Depth to Water: 7.62 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 13 ft Estimated Total Volume Pumped: 3800 ml Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/7/2022 3:04 PM	00:00	7.29 pH	59.05 °F	1,041.2 µS/cm	3.61 mg/L	2,954.3 NTU	20.0 mV	7.62 ft	200.00 ml/min
6/7/2022 3:05 PM	01:00	7.12 pH	55.79 °F	1,060.0 µS/cm	0.22 mg/L	793.20 NTU	47.1 mV	7.62 ft	200.00 ml/min
6/7/2022 3:06 PM	02:00	7.11 pH	55.48 °F	1,062.0 µS/cm	0.10 mg/L	787.46 NTU	53.7 mV	7.62 ft	200.00 ml/min
6/7/2022 3:07 PM	03:00	7.11 pH	55.25 °F	1,064.9 µS/cm	0.08 mg/L	605.71 NTU	57.8 mV	7.62 ft	200.00 ml/min
6/7/2022 3:08 PM	04:00	7.10 pH	55.14 °F	1,066.7 µS/cm	0.07 mg/L	488.20 NTU	61.1 mV	7.62 ft	200.00 ml/min
6/7/2022 3:09 PM	05:00	7.10 pH	54.80 °F	1,065.3 µS/cm	0.06 mg/L	421.22 NTU	63.6 mV	7.62 ft	200.00 ml/min
6/7/2022 3:10 PM	06:00	7.11 pH	56.29 °F	1,065.0 µS/cm	0.06 mg/L	264.46 NTU	64.5 mV	7.62 ft	200.00 ml/min
6/7/2022 3:11 PM	07:00	7.10 pH	55.84 °F	1,053.7 µS/cm	0.08 mg/L	265.51 NTU	67.2 mV	7.62 ft	200.00 ml/min
6/7/2022 3:12 PM	08:00	7.10 pH	54.51 °F	1,063.1 µS/cm	0.04 mg/L	229.73 NTU	69.1 mV	7.62 ft	200.00 ml/min
6/7/2022 3:13 PM	09:00	7.10 pH	53.83 °F	1,070.7 µS/cm	0.04 mg/L	298.97 NTU	71.1 mV	7.62 ft	200.00 ml/min
6/7/2022 3:14 PM	10:00	7.10 pH	53.71 °F	1,065.0 µS/cm	0.03 mg/L	148.60 NTU	72.6 mV	7.62 ft	200.00 ml/min
6/7/2022 3:15 PM	11:00	7.10 pH	53.60 °F	1,064.7 µS/cm	0.03 mg/L	112.85 NTU	74.1 mV	7.62 ft	200.00 ml/min
6/7/2022 3:16 PM	12:00	7.10 pH	53.69 °F	1,063.4 µS/cm	0.02 mg/L	75.78 NTU	75.4 mV	7.62 ft	200.00 ml/min
6/7/2022 3:17 PM	13:00	7.10 pH	53.81 °F	1,058.7 µS/cm	0.02 mg/L	57.51 NTU	76.7 mV	7.62 ft	200.00 ml/min
6/7/2022 3:18 PM	14:00	7.10 pH	54.73 °F	1,050.7 µS/cm	0.03 mg/L	8.72 NTU	77.5 mV	7.62 ft	200.00 ml/min

6/7/2022 3:19 PM	15:00	7.10 pH	54.24 °F	1,058.7 μS/cm	0.03 mg/L	61.71 NTU	78.8 mV	7.62 ft	200.00 ml/min
6/7/2022 3:20 PM	16:00	7.09 pH	53.90 °F	1,066.1 μS/cm	0.02 mg/L	59.13 NTU	80.3 mV	7.62 ft	200.00 ml/min
6/7/2022 3:21 PM	17:00	7.09 pH	53.94 °F	1,059.6 μS/cm	0.02 mg/L	40.95 NTU	81.3 mV	7.62 ft	200.00 ml/min
6/7/2022 3:22 PM	18:00	7.09 pH	53.79 °F	1,059.6 μS/cm	0.02 mg/L	45.49 NTU	82.7 mV	7.62 ft	200.00 ml/min
6/7/2022 3:23 PM	19:00	7.09 pH	53.97 °F	1,058.1 μS/cm	0.02 mg/L	55.47 NTU	83.8 mV	7.62 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW-40	VOCs

Low-Flow Test Report:

Test Date / Time: 6/7/2022 2:29:44 PM
Project: HRID 2Q2022 MW-40D
Operator Name: Danielle Richardson

Location Name: HRID-40D Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 21 ft Total Depth: 31 ft Initial Depth to Water: 13.26 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 22 ft Estimated Total Volume Pumped: 3800 ml Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/7/2022 2:29 PM	00:00	7.79 pH	58.15 °F	578.00 µS/cm	0.75 mg/L	2.06 NTU	2.6 mV	13.26 ft	200.00 ml/min
6/7/2022 2:30 PM	01:00	7.78 pH	58.58 °F	589.95 µS/cm	0.18 mg/L	2.12 NTU	-43.4 mV	13.26 ft	200.00 ml/min
6/7/2022 2:31 PM	02:00	7.77 pH	60.01 °F	597.01 µS/cm	0.15 mg/L	1.72 NTU	-62.1 mV	13.26 ft	200.00 ml/min
6/7/2022 2:32 PM	03:00	7.78 pH	56.17 °F	590.85 µS/cm	0.14 mg/L	2.43 NTU	-72.2 mV	13.26 ft	200.00 ml/min
6/7/2022 2:33 PM	04:00	7.80 pH	56.42 °F	592.68 µS/cm	0.08 mg/L	2.84 NTU	-80.0 mV	13.26 ft	200.00 ml/min
6/7/2022 2:34 PM	05:00	7.79 pH	57.96 °F	600.23 µS/cm	0.10 mg/L	2.09 NTU	-84.6 mV	13.26 ft	200.00 ml/min
6/7/2022 2:35 PM	06:00	7.77 pH	59.39 °F	595.44 µS/cm	0.13 mg/L	1.64 NTU	-87.6 mV	13.26 ft	200.00 ml/min
6/7/2022 2:36 PM	07:00	7.77 pH	60.48 °F	600.00 µS/cm	0.21 mg/L	1.74 NTU	-89.5 mV	13.26 ft	200.00 ml/min
6/7/2022 2:37 PM	08:00	7.77 pH	61.73 °F	603.69 µS/cm	0.30 mg/L	1.83 NTU	-91.6 mV	13.26 ft	200.00 ml/min
6/7/2022 2:38 PM	09:00	7.76 pH	63.09 °F	607.50 µS/cm	0.37 mg/L	1.96 NTU	-93.3 mV	13.26 ft	200.00 ml/min
6/7/2022 2:39 PM	10:00	7.76 pH	64.30 °F	608.75 µS/cm	0.39 mg/L	1.88 NTU	-94.5 mV	13.26 ft	200.00 ml/min
6/7/2022 2:40 PM	11:00	7.76 pH	65.67 °F	606.95 µS/cm	0.41 mg/L	1.89 NTU	-95.1 mV	13.26 ft	200.00 ml/min
6/7/2022 2:41 PM	12:00	7.75 pH	66.94 °F	609.43 µS/cm	0.29 mg/L	1.63 NTU	-98.6 mV	13.26 ft	200.00 ml/min
6/7/2022 2:42 PM	13:00	7.77 pH	63.64 °F	580.73 µS/cm	0.28 mg/L	2.48 NTU	-99.6 mV	13.26 ft	200.00 ml/min
6/7/2022 2:43 PM	14:00	7.79 pH	58.16 °F	589.13 µS/cm	0.09 mg/L	3.10 NTU	-101.5 mV	13.26 ft	200.00 ml/min

6/7/2022 2:44 PM	15:00	7.79 pH	59.26 °F	593.59 µS/cm	0.07 mg/L	3.27 NTU	-103.5 mV	13.26 ft	200.00 ml/min
6/7/2022 2:45 PM	16:00	7.79 pH	58.34 °F	590.95 µS/cm	0.07 mg/L	2.61 NTU	-104.0 mV	13.26 ft	200.00 ml/min
6/7/2022 2:46 PM	17:00	7.79 pH	56.79 °F	591.74 µS/cm	0.08 mg/L	4.01 NTU	-103.7 mV	13.26 ft	200.00 ml/min
6/7/2022 2:47 PM	18:00	7.80 pH	57.07 °F	593.42 µS/cm	0.07 mg/L	4.38 NTU	-104.4 mV	13.26 ft	200.00 ml/min
6/7/2022 2:48 PM	19:00	7.79 pH	57.72 °F	593.27 µS/cm	0.07 mg/L	5.25 NTU	-104.1 mV	13.26 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW-40D	VOCs

Low-Flow Test Report:

Test Date / Time: 6/8/2022 11:45:36 AM
Project: HRID 2Q2022 MW-41
Operator Name: Danielle Richardson

Location Name: HRID MW-41 Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 12 ft Total Depth: 22 ft Initial Depth to Water: 11.98 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 17 ft Estimated Total Volume Pumped: 6400 ml Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/8/2022 11:45 AM	00:00	7.90 pH	66.36 °F	685.13 µS/cm	4.19 mg/L	482.63 NTU	-14.9 mV	11.98 ft	200.00 ml/min
6/8/2022 11:46 AM	01:00	7.46 pH	61.32 °F	656.14 µS/cm	0.97 mg/L	1,172.7 NTU	-36.8 mV	11.98 ft	200.00 ml/min
6/8/2022 11:47 AM	02:00	7.43 pH	60.91 °F	656.94 µS/cm	0.91 mg/L	1,388.6 NTU	-43.7 mV	11.98 ft	200.00 ml/min
6/8/2022 11:48 AM	03:00	7.42 pH	61.06 °F	658.68 µS/cm	0.85 mg/L	1,253.6 NTU	-49.9 mV	11.98 ft	200.00 ml/min
6/8/2022 11:49 AM	04:00	7.40 pH	61.16 °F	662.73 µS/cm	0.75 mg/L	1,096.2 NTU	-54.3 mV	11.98 ft	200.00 ml/min
6/8/2022 11:50 AM	05:00	7.39 pH	60.98 °F	670.35 µS/cm	0.59 mg/L	823.84 NTU	-59.7 mV	11.98 ft	200.00 ml/min
6/8/2022 11:51 AM	06:00	7.37 pH	60.65 °F	674.61 µS/cm	0.45 mg/L	580.37 NTU	-64.7 mV	11.98 ft	200.00 ml/min
6/8/2022 11:52 AM	07:00	7.35 pH	60.48 °F	681.47 µS/cm	0.32 mg/L	349.80 NTU	-68.9 mV	11.98 ft	200.00 ml/min
6/8/2022 11:53 AM	08:00	7.34 pH	60.38 °F	684.73 µS/cm	0.23 mg/L	231.60 NTU	-72.2 mV	11.98 ft	200.00 ml/min
6/8/2022 11:54 AM	09:00	7.33 pH	60.22 °F	691.87 µS/cm	0.16 mg/L	127.88 NTU	-74.3 mV	11.98 ft	200.00 ml/min
6/8/2022 11:55 AM	10:00	7.32 pH	60.20 °F	694.08 µS/cm	0.13 mg/L	78.00 NTU	-75.8 mV	11.98 ft	200.00 ml/min
6/8/2022 11:56 AM	11:00	7.31 pH	60.01 °F	692.19 µS/cm	0.10 mg/L	61.78 NTU	-76.6 mV	11.98 ft	200.00 ml/min
6/8/2022 11:57 AM	12:00	7.31 pH	59.81 °F	690.68 µS/cm	0.08 mg/L	37.71 NTU	-78.5 mV	11.98 ft	200.00 ml/min
6/8/2022 11:58 AM	13:00	7.31 pH	60.18 °F	688.24 µS/cm	0.08 mg/L	27.40 NTU	-80.5 mV	11.98 ft	200.00 ml/min
6/8/2022 11:59 AM	14:00	7.32 pH	60.57 °F	686.20 µS/cm	0.08 mg/L	31.91 NTU	-82.0 mV	11.98 ft	200.00 ml/min

6/8/2022 12:00 PM	15:00	7.46 pH	63.26 °F	0.06 µS/cm	8.12 mg/L	0.62 NTU	-82.0 mV	11.98 ft	200.00 ml/min
6/8/2022 12:01 PM	16:00	7.33 pH	60.64 °F	680.52 µS/cm	1.27 mg/L	57.72 NTU	-76.7 mV	11.98 ft	200.00 ml/min
6/8/2022 12:02 PM	17:00	7.31 pH	59.54 °F	679.99 µS/cm	0.12 mg/L	22.87 NTU	-77.9 mV	11.98 ft	200.00 ml/min
6/8/2022 12:03 PM	18:00	7.31 pH	59.08 °F	668.37 µS/cm	0.07 mg/L	17.60 NTU	-79.4 mV	11.98 ft	200.00 ml/min
6/8/2022 12:04 PM	19:00	7.32 pH	59.00 °F	665.87 µS/cm	0.06 mg/L	12.19 NTU	-80.7 mV	11.98 ft	200.00 ml/min
6/8/2022 12:05 PM	20:00	7.31 pH	59.17 °F	665.89 µS/cm	0.06 mg/L	8.47 NTU	-81.8 mV	11.98 ft	200.00 ml/min
6/8/2022 12:06 PM	21:00	7.32 pH	59.08 °F	662.95 µS/cm	0.05 mg/L	7.68 NTU	-83.6 mV	11.98 ft	200.00 ml/min
6/8/2022 12:07 PM	22:00	7.32 pH	58.96 °F	659.15 µS/cm	0.05 mg/L	6.50 NTU	-84.3 mV	11.98 ft	200.00 ml/min
6/8/2022 12:08 PM	23:00	7.32 pH	58.80 °F	656.17 µS/cm	0.05 mg/L	5.63 NTU	-84.5 mV	11.98 ft	200.00 ml/min
6/8/2022 12:09 PM	24:00	7.32 pH	58.72 °F	651.53 µS/cm	0.04 mg/L	5.15 NTU	-84.4 mV	11.98 ft	200.00 ml/min
6/8/2022 12:10 PM	25:00	7.32 pH	58.66 °F	643.61 µS/cm	0.04 mg/L	3.60 NTU	-85.2 mV	11.98 ft	200.00 ml/min
6/8/2022 12:11 PM	26:00	7.32 pH	58.66 °F	647.87 µS/cm	0.04 mg/L	4.03 NTU	-85.8 mV	11.98 ft	200.00 ml/min
6/8/2022 12:12 PM	27:00	7.32 pH	58.63 °F	642.23 µS/cm	0.03 mg/L	3.11 NTU	-86.0 mV	11.98 ft	200.00 ml/min
6/8/2022 12:13 PM	28:00	7.32 pH	58.67 °F	644.11 µS/cm	0.03 mg/L	2.50 NTU	-86.6 mV	11.98 ft	200.00 ml/min
6/8/2022 12:14 PM	29:00	7.32 pH	58.65 °F	643.80 µS/cm	0.03 mg/L	2.05 NTU	-86.9 mV	11.98 ft	200.00 ml/min
6/8/2022 12:15 PM	30:00	7.32 pH	58.59 °F	635.69 µS/cm	0.03 mg/L	2.01 NTU	-87.6 mV	11.98 ft	200.00 ml/min
6/8/2022 12:16 PM	31:00	7.31 pH	58.61 °F	639.67 µS/cm	0.03 mg/L	1.86 NTU	-86.9 mV	11.98 ft	200.00 ml/min
6/8/2022 12:17 PM	32:00	7.32 pH	58.72 °F	637.25 µS/cm	0.03 mg/L	1.40 NTU	-87.9 mV	11.98 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW-41	VOCs

Low-Flow Test Report:

Test Date / Time: 6/8/2022 11:16:06 AM
Project: HRID 2Q2022 MW-41D
Operator Name: Danielle Richardson

Location Name: HRID MW-41D Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 25 ft Total Depth: 35 ft Initial Depth to Water: 11.95 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 23 ft Estimated Total Volume Pumped: 3200 ml Flow Cell Volume: 130 ml Final Flow Rate: 200 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/8/2022 11:16 AM	00:00	7.58 pH	62.84 °F	616.19 µS/cm	2.06 mg/L	4.66 NTU	-89.7 mV	11.95 ft	200.00 ml/min
6/8/2022 11:17 AM	01:00	7.51 pH	59.87 °F	618.52 µS/cm	0.17 mg/L	2.64 NTU	-110.9 mV	11.95 ft	200.00 ml/min
6/8/2022 11:18 AM	02:00	7.51 pH	59.73 °F	620.35 µS/cm	0.11 mg/L	10.11 NTU	-118.8 mV	11.95 ft	200.00 ml/min
6/8/2022 11:19 AM	03:00	7.51 pH	59.69 °F	620.77 µS/cm	0.09 mg/L	10.08 NTU	-123.2 mV	11.95 ft	200.00 ml/min
6/8/2022 11:20 AM	04:00	7.51 pH	59.82 °F	621.04 µS/cm	0.08 mg/L	13.03 NTU	-126.1 mV	11.95 ft	200.00 ml/min
6/8/2022 11:21 AM	05:00	7.51 pH	59.89 °F	621.15 µS/cm	0.08 mg/L	10.11 NTU	-128.0 mV	11.95 ft	200.00 ml/min
6/8/2022 11:22 AM	06:00	7.51 pH	59.85 °F	621.87 µS/cm	0.07 mg/L	6.29 NTU	-129.5 mV	11.95 ft	200.00 ml/min
6/8/2022 11:23 AM	07:00	7.51 pH	59.79 °F	622.19 µS/cm	0.07 mg/L	3.83 NTU	-130.5 mV	11.95 ft	200.00 ml/min
6/8/2022 11:24 AM	08:00	7.51 pH	59.82 °F	622.33 µS/cm	0.06 mg/L	2.46 NTU	-131.3 mV	11.95 ft	200.00 ml/min
6/8/2022 11:25 AM	09:00	7.51 pH	59.74 °F	619.07 µS/cm	0.06 mg/L	1.79 NTU	-132.4 mV	11.95 ft	200.00 ml/min
6/8/2022 11:26 AM	10:00	7.51 pH	60.02 °F	616.85 µS/cm	0.06 mg/L	1.61 NTU	-133.0 mV	11.95 ft	200.00 ml/min
6/8/2022 11:27 AM	11:00	7.51 pH	59.88 °F	617.72 µS/cm	0.06 mg/L	1.47 NTU	-133.8 mV	11.95 ft	200.00 ml/min
6/8/2022 11:28 AM	12:00	7.50 pH	59.80 °F	619.31 µS/cm	0.05 mg/L	1.27 NTU	-134.1 mV	11.95 ft	200.00 ml/min
6/8/2022 11:29 AM	13:00	7.51 pH	59.59 °F	621.19 µS/cm	0.05 mg/L	1.21 NTU	-134.7 mV	11.95 ft	200.00 ml/min
6/8/2022 11:30 AM	14:00	7.50 pH	59.53 °F	618.28 µS/cm	0.04 mg/L	1.10 NTU	-134.9 mV	11.95 ft	200.00 ml/min

6/8/2022 11:31 AM	15:00	7.51 pH	59.55 °F	615.94 µS/cm	0.04 mg/L	1.02 NTU	-135.7 mV	11.95 ft	200.00 ml/min
6/8/2022 11:32 AM	16:00	7.50 pH	59.58 °F	615.71 µS/cm	0.04 mg/L	1.05 NTU	-136.0 mV	11.95 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW-41D	VOCs

Low-Flow Test Report:

Test Date / Time: 6/9/2022 9:58:17 AM
Project: HRID 2Q2022 MW-42
Operator Name: Danielle Richardson

Location Name: HRID MW-42 Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 8 ft Total Depth: 18 ft Initial Depth to Water: 11.9 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 15 ft Estimated Total Volume Pumped: 6600 ml Flow Cell Volume: 130 ml Final Flow Rate: 300 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/9/2022 9:58 AM	00:00	7.49 pH	57.72 °F	747.09 µS/cm	2.81 mg/L	2,358.2 NTU	344.9 mV	11.90 ft	300.00 ml/min
6/9/2022 9:59 AM	01:00	7.37 pH	56.50 °F	755.63 µS/cm	2.06 mg/L	2,248.2 NTU	353.9 mV	11.90 ft	300.00 ml/min
6/9/2022 10:00 AM	02:00	7.34 pH	56.52 °F	755.80 µS/cm	1.92 mg/L	1,807.7 NTU	356.4 mV	11.90 ft	300.00 ml/min
6/9/2022 10:01 AM	03:00	7.33 pH	56.78 °F	755.48 µS/cm	1.89 mg/L	1,407.8 NTU	357.5 mV	11.90 ft	300.00 ml/min
6/9/2022 10:02 AM	04:00	7.32 pH	57.06 °F	755.19 µS/cm	1.89 mg/L	1,146.9 NTU	358.0 mV	11.90 ft	300.00 ml/min
6/9/2022 10:03 AM	05:00	7.31 pH	57.13 °F	753.79 µS/cm	1.87 mg/L	835.04 NTU	358.0 mV	11.90 ft	300.00 ml/min
6/9/2022 10:04 AM	06:00	7.31 pH	57.11 °F	756.66 µS/cm	1.97 mg/L	541.91 NTU	358.0 mV	11.90 ft	300.00 ml/min
6/9/2022 10:05 AM	07:00	7.31 pH	57.61 °F	757.46 µS/cm	2.08 mg/L	455.76 NTU	357.1 mV	11.90 ft	300.00 ml/min
6/9/2022 10:06 AM	08:00	7.29 pH	58.15 °F	757.27 µS/cm	2.08 mg/L	395.23 NTU	357.2 mV	11.90 ft	300.00 ml/min
6/9/2022 10:07 AM	09:00	7.30 pH	56.65 °F	757.86 µS/cm	2.05 mg/L	179.68 NTU	356.5 mV	11.90 ft	300.00 ml/min
6/9/2022 10:08 AM	10:00	7.29 pH	56.52 °F	761.63 µS/cm	2.24 mg/L	118.53 NTU	355.7 mV	11.90 ft	300.00 ml/min
6/9/2022 10:09 AM	11:00	7.30 pH	56.79 °F	762.45 µS/cm	2.32 mg/L	91.21 NTU	354.3 mV	11.90 ft	300.00 ml/min
6/9/2022 10:10 AM	12:00	7.29 pH	56.82 °F	759.51 µS/cm	2.19 mg/L	57.59 NTU	353.7 mV	11.90 ft	300.00 ml/min
6/9/2022 10:11 AM	13:00	7.29 pH	56.59 °F	760.79 µS/cm	2.25 mg/L	34.85 NTU	352.6 mV	11.90 ft	300.00 ml/min
6/9/2022 10:12 AM	14:00	7.29 pH	57.08 °F	760.44 µS/cm	2.28 mg/L	23.43 NTU	351.0 mV	11.90 ft	300.00 ml/min

6/9/2022 10:13 AM	15:00	7.29 pH	57.14 °F	753.48 µS/cm	1.98 mg/L	22.64 NTU	350.1 mV	11.90 ft	300.00 ml/min
6/9/2022 10:14 AM	16:00	7.29 pH	56.99 °F	755.84 µS/cm	1.99 mg/L	16.01 NTU	349.0 mV	11.90 ft	300.00 ml/min
6/9/2022 10:15 AM	17:00	7.28 pH	56.76 °F	760.68 µS/cm	2.11 mg/L	7.93 NTU	347.8 mV	11.90 ft	300.00 ml/min
6/9/2022 10:16 AM	18:00	7.29 pH	56.57 °F	760.46 µS/cm	2.18 mg/L	7.45 NTU	346.8 mV	11.90 ft	300.00 ml/min
6/9/2022 10:17 AM	19:00	7.28 pH	56.65 °F	756.79 µS/cm	2.12 mg/L	5.68 NTU	345.8 mV	11.90 ft	300.00 ml/min
6/9/2022 10:18 AM	20:00	7.29 pH	56.57 °F	758.00 µS/cm	2.11 mg/L	5.69 NTU	344.4 mV	11.90 ft	300.00 ml/min
6/9/2022 10:19 AM	21:00	7.28 pH	56.38 °F	754.26 µS/cm	2.03 mg/L	4.48 NTU	343.6 mV	11.90 ft	300.00 ml/min
6/9/2022 10:20 AM	22:00	7.29 pH	56.30 °F	755.87 µS/cm	2.07 mg/L	5.37 NTU	342.7 mV	11.90 ft	300.00 ml/min

Samples

Sample ID:	Description:
MW-42	VOCs

Low-Flow Test Report:

Test Date / Time: 6/9/2022 10:31:36 AM
Project: HRID 2Q2022 MW-42D
Operator Name: Danielle Richardson

Location Name: HRID MW-42D Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 42 ft Total Depth: 52 ft Initial Depth to Water: 11.99 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 31 ft Estimated Total Volume Pumped: 9600 ml Flow Cell Volume: 130 ml Final Flow Rate: 300 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/9/2022 10:31 AM	00:00	7.71 pH	57.82 °F	680.01 µS/cm	1.66 mg/L	4.28 NTU	342.8 mV	11.99 ft	300.00 ml/min
6/9/2022 10:32 AM	01:00	7.48 pH	58.42 °F	688.59 µS/cm	0.35 mg/L	1.97 NTU	327.1 mV	11.99 ft	300.00 ml/min
6/9/2022 10:33 AM	02:00	7.40 pH	57.48 °F	688.81 µS/cm	0.20 mg/L	1.61 NTU	303.4 mV	11.99 ft	300.00 ml/min
6/9/2022 10:34 AM	03:00	7.37 pH	56.08 °F	690.30 µS/cm	0.15 mg/L	1.63 NTU	253.2 mV	11.99 ft	300.00 ml/min
6/9/2022 10:35 AM	04:00	7.35 pH	56.11 °F	690.73 µS/cm	0.09 mg/L	1.18 NTU	217.5 mV	11.99 ft	300.00 ml/min
6/9/2022 10:36 AM	05:00	7.35 pH	56.00 °F	690.93 µS/cm	0.07 mg/L	1.06 NTU	192.1 mV	11.99 ft	300.00 ml/min
6/9/2022 10:37 AM	06:00	7.34 pH	55.99 °F	690.85 µS/cm	0.07 mg/L	1.14 NTU	174.7 mV	11.99 ft	300.00 ml/min
6/9/2022 10:38 AM	07:00	7.34 pH	55.94 °F	690.63 µS/cm	0.06 mg/L	2.27 NTU	160.8 mV	11.99 ft	300.00 ml/min
6/9/2022 10:39 AM	08:00	7.34 pH	55.90 °F	690.67 µS/cm	0.05 mg/L	5.97 NTU	148.3 mV	11.99 ft	300.00 ml/min
6/9/2022 10:40 AM	09:00	7.34 pH	55.97 °F	690.81 µS/cm	0.05 mg/L	19.60 NTU	138.2 mV	11.99 ft	300.00 ml/min
6/9/2022 10:41 AM	10:00	7.33 pH	56.00 °F	690.83 µS/cm	0.05 mg/L	129.35 NTU	128.7 mV	11.99 ft	300.00 ml/min
6/9/2022 10:42 AM	11:00	7.33 pH	56.11 °F	689.74 µS/cm	0.05 mg/L	637.02 NTU	110.9 mV	11.99 ft	300.00 ml/min
6/9/2022 10:43 AM	12:00	7.33 pH	56.19 °F	681.06 µS/cm	0.04 mg/L	1,347.3 NTU	75.8 mV	11.99 ft	300.00 ml/min
6/9/2022 10:44 AM	13:00	7.33 pH	56.20 °F	677.31 µS/cm	0.04 mg/L	1,318.3 NTU	48.2 mV	11.99 ft	300.00 ml/min
6/9/2022 10:45 AM	14:00	7.34 pH	56.28 °F	675.72 µS/cm	0.04 mg/L	1,320.4 NTU	30.2 mV	11.99 ft	300.00 ml/min

6/9/2022 10:46 AM	15:00	7.34 pH	56.42 °F	672.39 µS/cm	0.04 mg/L	1,214.7 NTU	17.4 mV	11.99 ft	300.00 ml/min
6/9/2022 10:47 AM	16:00	7.34 pH	56.31 °F	669.32 µS/cm	0.04 mg/L	958.14 NTU	6.5 mV	11.99 ft	300.00 ml/min
6/9/2022 10:48 AM	17:00	7.35 pH	56.50 °F	669.25 µS/cm	0.04 mg/L	912.27 NTU	-2.2 mV	11.99 ft	300.00 ml/min
6/9/2022 10:49 AM	18:00	7.35 pH	56.53 °F	666.48 µS/cm	0.04 mg/L	808.18 NTU	-8.8 mV	11.99 ft	300.00 ml/min
6/9/2022 10:50 AM	19:00	7.34 pH	56.57 °F	665.64 µS/cm	0.04 mg/L	779.52 NTU	-13.8 mV	11.99 ft	300.00 ml/min
6/9/2022 10:51 AM	20:00	7.34 pH	56.75 °F	664.25 µS/cm	0.04 mg/L	673.87 NTU	-18.9 mV	11.99 ft	300.00 ml/min
6/9/2022 10:52 AM	21:00	7.35 pH	56.65 °F	662.38 µS/cm	0.04 mg/L	584.29 NTU	-23.2 mV	11.99 ft	300.00 ml/min
6/9/2022 10:53 AM	22:00	7.35 pH	56.44 °F	661.45 µS/cm	0.04 mg/L	533.18 NTU	-27.1 mV	11.99 ft	300.00 ml/min
6/9/2022 10:54 AM	23:00	7.35 pH	56.48 °F	659.87 µS/cm	0.03 mg/L	394.65 NTU	-30.9 mV	11.99 ft	300.00 ml/min
6/9/2022 10:55 AM	24:00	7.35 pH	56.52 °F	659.05 µS/cm	0.03 mg/L	383.04 NTU	-34.0 mV	11.99 ft	300.00 ml/min
6/9/2022 10:56 AM	25:00	7.35 pH	56.71 °F	657.94 µS/cm	0.04 mg/L	292.26 NTU	-36.7 mV	11.99 ft	300.00 ml/min
6/9/2022 10:57 AM	26:00	7.35 pH	56.79 °F	657.03 µS/cm	0.04 mg/L	274.43 NTU	-39.1 mV	11.99 ft	300.00 ml/min
6/9/2022 10:58 AM	27:00	7.35 pH	57.01 °F	657.06 µS/cm	0.04 mg/L	250.65 NTU	-40.8 mV	11.99 ft	300.00 ml/min
6/9/2022 10:59 AM	28:00	7.35 pH	56.56 °F	655.77 µS/cm	0.04 mg/L	223.20 NTU	-42.6 mV	11.99 ft	300.00 ml/min
6/9/2022 11:00 AM	29:00	7.35 pH	56.41 °F	655.27 µS/cm	0.03 mg/L	166.99 NTU	-44.4 mV	11.99 ft	300.00 ml/min
6/9/2022 11:01 AM	30:00	7.35 pH	56.37 °F	654.35 µS/cm	0.03 mg/L	122.87 NTU	-46.3 mV	11.99 ft	300.00 ml/min
6/9/2022 11:02 AM	31:00	7.35 pH	56.37 °F	653.99 µS/cm	0.03 mg/L	117.38 NTU	-48.1 mV	11.99 ft	300.00 ml/min
6/9/2022 11:03 AM	32:00	7.35 pH	56.45 °F	654.16 µS/cm	0.03 mg/L	117.85 NTU	-49.4 mV	11.99 ft	300.00 ml/min

Samples

Sample ID:	Description:
MW-42D	VOCs

Low-Flow Test Report:

Test Date / Time: 6/9/2022 1:06:16 PM
Project: HRID 2Q2022 MW-43
Operator Name: Danielle Richardson

Location Name: HRID MW-43 Well Diameter: 2 in Casing Type: PVC sch 4 Screen Length: 10 ft Top of Screen: 6 ft Total Depth: 16 ft Initial Depth to Water: 11.81 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 14 ft Estimated Total Volume Pumped: 5700 ml Flow Cell Volume: 130 ml Final Flow Rate: 300 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/9/2022 1:06 PM	00:00	7.29 pH	54.79 °F	437.74 µS/cm	6.40 mg/L	819.39 NTU	-15.6 mV	11.81 ft	300.00 ml/min
6/9/2022 1:07 PM	01:00	7.00 pH	50.64 °F	441.45 µS/cm	0.58 mg/L	290.33 NTU	17.1 mV	11.81 ft	300.00 ml/min
6/9/2022 1:08 PM	02:00	6.94 pH	49.69 °F	428.90 µS/cm	0.13 mg/L	112.91 NTU	23.1 mV	11.81 ft	300.00 ml/min
6/9/2022 1:09 PM	03:00	6.90 pH	49.35 °F	411.80 µS/cm	0.08 mg/L	54.36 NTU	29.6 mV	11.81 ft	300.00 ml/min
6/9/2022 1:10 PM	04:00	6.86 pH	49.25 °F	400.31 µS/cm	0.05 mg/L	30.96 NTU	36.7 mV	11.81 ft	300.00 ml/min
6/9/2022 1:11 PM	05:00	6.82 pH	49.21 °F	394.74 µS/cm	0.04 mg/L	12.92 NTU	43.3 mV	11.81 ft	300.00 ml/min
6/9/2022 1:12 PM	06:00	6.79 pH	49.18 °F	392.58 µS/cm	0.03 mg/L	7.93 NTU	48.9 mV	11.81 ft	300.00 ml/min
6/9/2022 1:13 PM	07:00	6.77 pH	49.18 °F	388.80 µS/cm	0.03 mg/L	4.51 NTU	53.5 mV	11.81 ft	300.00 ml/min
6/9/2022 1:14 PM	08:00	6.76 pH	49.21 °F	387.65 µS/cm	0.02 mg/L	3.29 NTU	57.8 mV	11.81 ft	300.00 ml/min
6/9/2022 1:15 PM	09:00	6.74 pH	49.18 °F	382.93 µS/cm	0.02 mg/L	1.97 NTU	61.5 mV	11.81 ft	300.00 ml/min
6/9/2022 1:16 PM	10:00	6.73 pH	49.12 °F	382.52 µS/cm	0.02 mg/L	2.88 NTU	65.0 mV	11.81 ft	300.00 ml/min
6/9/2022 1:17 PM	11:00	6.71 pH	49.18 °F	382.15 µS/cm	0.02 mg/L	1.97 NTU	68.2 mV	11.81 ft	300.00 ml/min
6/9/2022 1:18 PM	12:00	6.70 pH	49.12 °F	382.06 µS/cm	0.02 mg/L	1.42 NTU	71.3 mV	11.81 ft	300.00 ml/min
6/9/2022 1:19 PM	13:00	6.69 pH	49.17 °F	380.75 µS/cm	0.02 mg/L	1.19 NTU	74.0 mV	11.81 ft	300.00 ml/min
6/9/2022 1:20 PM	14:00	6.67 pH	49.13 °F	380.82 µS/cm	0.02 mg/L	1.35 NTU	76.7 mV	11.81 ft	300.00 ml/min

6/9/2022 1:21 PM	15:00	6.66 pH	49.15 °F	378.81 µS/cm	0.02 mg/L	1.02 NTU	79.1 mV	11.81 ft	300.00 ml/min
6/9/2022 1:22 PM	16:00	6.65 pH	49.13 °F	379.37 µS/cm	0.02 mg/L	1.35 NTU	81.4 mV	11.81 ft	300.00 ml/min
6/9/2022 1:23 PM	17:00	6.64 pH	49.10 °F	379.26 µS/cm	0.02 mg/L	0.97 NTU	83.5 mV	11.81 ft	300.00 ml/min
6/9/2022 1:24 PM	18:00	6.63 pH	49.10 °F	381.76 µS/cm	0.02 mg/L	0.86 NTU	85.5 mV	11.81 ft	300.00 ml/min
6/9/2022 1:25 PM	19:00	6.62 pH	49.15 °F	380.94 µS/cm	0.04 mg/L	0.91 NTU	87.5 mV	11.81 ft	300.00 ml/min

Samples

Sample ID:	Description:
MW-43	VOCs

Low-Flow Test Report:

Test Date / Time: 6/8/2022 4:45:28 PM
Project: HRID 2Q2022 MW-46I
Operator Name: Danielle Richardson

Location Name: HRID MW-46I Well Diameter: 2 in Casing Type: PVC sch 40 Screen Length: 10 ft Top of Screen: 45 ft Total Depth: 55 ft Initial Depth to Water: 9.48 ft	Pump Type: Proactive Monsoon XL SS Tubing Type: Poly Pump Intake From TOC: 35 ft Estimated Total Volume Pumped: 3600 ml Flow Cell Volume: 130 ml Final Flow Rate: 300 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 913928
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Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3 %	+/- 3 %	+/- 10 %	+/- 10 %	+/- 10		
6/8/2022 4:45 PM	00:00	9.07 pH	77.46 °F	1.25 µS/cm	7.84 mg/L	0.86 NTU	8.4 mV	9.48 ft	300.00 ml/min
6/8/2022 4:46 PM	01:00	7.44 pH	57.46 °F	680.64 µS/cm	1.02 mg/L	31.71 NTU	-9.6 mV	9.48 ft	300.00 ml/min
6/8/2022 4:47 PM	02:00	7.37 pH	56.41 °F	689.91 µS/cm	0.20 mg/L	13.67 NTU	-59.6 mV	9.48 ft	300.00 ml/min
6/8/2022 4:48 PM	03:00	7.36 pH	56.27 °F	691.15 µS/cm	0.11 mg/L	4.74 NTU	-77.7 mV	9.48 ft	300.00 ml/min
6/8/2022 4:49 PM	04:00	7.36 pH	56.22 °F	690.01 µS/cm	0.09 mg/L	2.45 NTU	-88.1 mV	9.48 ft	300.00 ml/min
6/8/2022 4:50 PM	05:00	7.37 pH	56.09 °F	690.50 µS/cm	0.07 mg/L	1.78 NTU	-94.5 mV	9.48 ft	300.00 ml/min
6/8/2022 4:51 PM	06:00	7.37 pH	56.22 °F	690.64 µS/cm	0.07 mg/L	1.49 NTU	-98.7 mV	9.48 ft	300.00 ml/min
6/8/2022 4:52 PM	07:00	7.37 pH	56.30 °F	690.52 µS/cm	0.06 mg/L	1.30 NTU	-101.7 mV	9.48 ft	300.00 ml/min
6/8/2022 4:53 PM	08:00	7.38 pH	56.43 °F	690.84 µS/cm	0.06 mg/L	1.25 NTU	-104.1 mV	9.48 ft	300.00 ml/min
6/8/2022 4:54 PM	09:00	7.38 pH	56.53 °F	690.08 µS/cm	0.05 mg/L	1.29 NTU	-106.1 mV	9.48 ft	300.00 ml/min
6/8/2022 4:55 PM	10:00	7.38 pH	56.47 °F	690.40 µS/cm	0.05 mg/L	1.13 NTU	-107.7 mV	9.48 ft	300.00 ml/min
6/8/2022 4:56 PM	11:00	7.37 pH	56.40 °F	690.68 µS/cm	0.04 mg/L	1.13 NTU	-108.7 mV	9.48 ft	300.00 ml/min
6/8/2022 4:57 PM	12:00	7.38 pH	56.52 °F	690.86 µS/cm	0.04 mg/L	1.15 NTU	-110.3 mV	9.48 ft	300.00 ml/min

Samples

Sample ID:	Description:
MW-46I	VOCs

APPENDIX D

2Q2022 LABORATORY ANALYTICAL REPORTS

June 21, 2022

Mr. James Cody
Patriot Engineering
6150 E 75th St
Indianapolis, IN 46250

RE: Project: HRID 2Q2022
Pace Project No.: 50318531

Dear Mr. Cody:

Enclosed are the analytical results for sample(s) received by the laboratory on June 09, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Tina Sayer
tina.sayer@pacelabs.com
(317)228-3100
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: HRID 2Q2022

Pace Project No.: 50318531

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268

Illinois Accreditation #: 200074

Indiana Drinking Water Laboratory #: C-49-06

Kansas/TNI Certification #: E-10177

Kentucky UST Agency Interest #: 80226

Kentucky WW Laboratory ID #: 98019

Michigan Drinking Water Laboratory #9050

Ohio VAP Certified Laboratory #: CL0065

Oklahoma Laboratory #: 9204

Texas Certification #: T104704355

Wisconsin Laboratory #: 999788130

USDA Soil Permit #: P330-19-00257

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: HRID 2Q2022

Pace Project No.: 50318531

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50318531001	MW-11	Water	06/06/22 10:55	06/09/22 15:00
50318531002	MW-30	Water	06/06/22 09:35	06/09/22 15:00
50318531003	MW-31	Water	06/06/22 10:15	06/09/22 15:00
50318531004	MW-23	Water	06/06/22 11:35	06/09/22 15:00
50318531005	MW-37	Water	06/06/22 12:25	06/09/22 15:00
50318531006	MW-25	Water	06/06/22 13:10	06/09/22 15:00
50318531007	MW-32	Water	06/06/22 15:15	06/09/22 15:00
50318531008	MW-26	Water	06/06/22 14:30	06/09/22 15:00
50318531009	MW-39	Water	06/06/22 13:55	06/09/22 15:00
50318531010	Dup A	Water	06/06/22 08:00	06/09/22 15:00
50318531011	MW-33	Water	06/07/22 14:10	06/09/22 15:00
50318531012	MW-33D	Water	06/07/22 09:25	06/09/22 15:00
50318531013	Dup B	Water	06/07/22 08:00	06/09/22 15:00
50318531014	MW-46I	Water	06/08/22 17:05	06/09/22 15:00
50318531015	MW-40	Water	06/07/22 15:30	06/09/22 15:00
50318531016	MW-40D	Water	06/07/22 14:55	06/09/22 15:00
50318531017	MW-24	Water	06/07/22 16:15	06/09/22 15:00
50318531018	MW-22	Water	06/08/22 09:50	06/09/22 15:00
50318531019	MW-22D	Water	06/08/22 09:10	06/09/22 15:00
50318531020	MW-29	Water	06/08/22 10:25	06/09/22 15:00
50318531021	MW-29D	Water	06/08/22 10:55	06/09/22 15:00
50318531022	MW-41	Water	06/08/22 12:25	06/09/22 15:00
50318531023	MW-41D	Water	06/08/22 11:35	06/09/22 15:00
50318531024	MW-12	Water	06/08/22 15:00	06/09/22 15:00
50318531025	MW-12D	Water	06/08/22 14:20	06/09/22 15:00
50318531026	MW-14	Water	06/08/22 16:25	06/09/22 15:00
50318531027	MW-14D	Water	06/08/22 15:50	06/09/22 15:00
50318531028	MW-36	Water	06/09/22 09:25	06/09/22 15:00
50318531029	MW-42	Water	06/09/22 10:20	06/09/22 15:00
50318531030	MW-42D	Water	06/09/22 11:10	06/09/22 15:00
50318531031	MW-15	Water	06/09/22 12:30	06/09/22 15:00
50318531032	MW-15D	Water	06/09/22 11:45	06/09/22 15:00
50318531033	MW-43	Water	06/09/22 13:40	06/09/22 15:00
50318531034	MW-43D	Water	06/09/22 13:00	06/09/22 15:00
50318531035	Trip Blank	Water	06/09/22 08:00	06/09/22 15:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: HRID 2Q2022

Pace Project No.: 50318531

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50318531001	MW-11	EPA 5030/8260	TKG	75	PASI-I
50318531002	MW-30	EPA 5030/8260	TKG	75	PASI-I
50318531003	MW-31	EPA 5030/8260	TKG	75	PASI-I
50318531004	MW-23	EPA 5030/8260	TKG	75	PASI-I
50318531005	MW-37	EPA 5030/8260	TKG	75	PASI-I
50318531006	MW-25	EPA 5030/8260	TKG	75	PASI-I
50318531007	MW-32	EPA 5030/8260	TKG	75	PASI-I
50318531008	MW-26	EPA 5030/8260	TKG	75	PASI-I
50318531009	MW-39	EPA 5030/8260	TKG	75	PASI-I
50318531010	Dup A	EPA 5030/8260	TKG	75	PASI-I
50318531011	MW-33	EPA 5030/8260	TKG	75	PASI-I
50318531012	MW-33D	EPA 5030/8260	TKG	75	PASI-I
50318531013	Dup B	EPA 5030/8260	TKG	75	PASI-I
50318531014	MW-46I	EPA 5030/8260	TKG	75	PASI-I
50318531015	MW-40	EPA 5030/8260	TKG	75	PASI-I
50318531016	MW-40D	EPA 5030/8260	TKG	75	PASI-I
50318531017	MW-24	EPA 5030/8260	TKG	75	PASI-I
50318531018	MW-22	EPA 5030/8260	ALA, TKG	75	PASI-I
50318531019	MW-22D	EPA 5030/8260	ALA	75	PASI-I
50318531020	MW-29	EPA 5030/8260	TKG	75	PASI-I
50318531021	MW-29D	EPA 5030/8260	TKG	75	PASI-I
50318531022	MW-41	EPA 5030/8260	ALA	75	PASI-I
50318531023	MW-41D	EPA 5030/8260	ALA, TKG	75	PASI-I
50318531024	MW-12	EPA 5030/8260	TKG	75	PASI-I
50318531025	MW-12D	EPA 5030/8260	TKG	75	PASI-I
50318531026	MW-14	EPA 5030/8260	TKG	75	PASI-I
50318531027	MW-14D	EPA 5030/8260	TKG	75	PASI-I
50318531028	MW-36	EPA 5030/8260	TKG	75	PASI-I
50318531029	MW-42	EPA 5030/8260	TKG	75	PASI-I
50318531030	MW-42D	EPA 5030/8260	ALA	75	PASI-I
50318531031	MW-15	EPA 5030/8260	ALA	75	PASI-I
50318531032	MW-15D	EPA 5030/8260	ALA	75	PASI-I
50318531033	MW-43	EPA 5030/8260	ALA	75	PASI-I
50318531034	MW-43D	EPA 5030/8260	ALA	75	PASI-I
50318531035	Trip Blank	EPA 5030/8260	ALA	75	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: HRID 2Q2022

Pace Project No.: 50318531

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50318531001	MW-11					
EPA 5030/8260	cis-1,2-Dichloroethene	298	ug/L	5.0	06/13/22 20:35	
EPA 5030/8260	Tetrachloroethene	40.6	ug/L	5.0	06/13/22 20:35	
EPA 5030/8260	Trichloroethene	14.8	ug/L	5.0	06/13/22 20:35	
50318531002	MW-30					
EPA 5030/8260	cis-1,2-Dichloroethene	4500	ug/L	100	06/15/22 13:48	M1
EPA 5030/8260	trans-1,2-Dichloroethene	38.2	ug/L	5.0	06/14/22 21:33	
EPA 5030/8260	Tetrachloroethene	19.5	ug/L	5.0	06/14/22 21:33	M1
EPA 5030/8260	Trichloroethene	13.0	ug/L	5.0	06/14/22 21:33	
EPA 5030/8260	Vinyl chloride	112	ug/L	2.0	06/14/22 21:33	M1
50318531003	MW-31					
EPA 5030/8260	cis-1,2-Dichloroethene	5.5	ug/L	5.0	06/13/22 21:05	
50318531004	MW-23					
EPA 5030/8260	Acetone	102	ug/L	100	06/13/22 21:34	
EPA 5030/8260	2-Butanone (MEK)	55.7	ug/L	25.0	06/13/22 21:34	
EPA 5030/8260	cis-1,2-Dichloroethene	65.7	ug/L	5.0	06/13/22 21:34	
EPA 5030/8260	Vinyl chloride	3.0	ug/L	2.0	06/13/22 21:34	
50318531005	MW-37					
EPA 5030/8260	Tetrachloroethene	32.7	ug/L	5.0	06/13/22 22:32	
EPA 5030/8260	Trichloroethene	35.8	ug/L	5.0	06/13/22 22:32	
50318531007	MW-32					
EPA 5030/8260	cis-1,2-Dichloroethene	33.8	ug/L	5.0	06/13/22 23:31	
EPA 5030/8260	Tetrachloroethene	15.0	ug/L	5.0	06/13/22 23:31	
EPA 5030/8260	Trichloroethene	26.4	ug/L	5.0	06/13/22 23:31	
50318531008	MW-26					
EPA 5030/8260	Tetrachloroethene	7.4	ug/L	5.0	06/14/22 17:39	
EPA 5030/8260	Trichloroethene	11.2	ug/L	5.0	06/14/22 17:39	
EPA 5030/8260	Vinyl chloride	36.9	ug/L	2.0	06/14/22 17:39	
50318531009	MW-39					
EPA 5030/8260	Tetrachloroethene	30.0	ug/L	5.0	06/14/22 18:08	
EPA 5030/8260	Trichloroethene	63.7	ug/L	5.0	06/14/22 18:08	
EPA 5030/8260	Vinyl chloride	3.7	ug/L	2.0	06/14/22 18:08	
50318531010	Dup A					
EPA 5030/8260	Tetrachloroethene	32.5	ug/L	5.0	06/14/22 18:37	
EPA 5030/8260	Trichloroethene	36.1	ug/L	5.0	06/14/22 18:37	
50318531011	MW-33					
EPA 5030/8260	cis-1,2-Dichloroethene	19.6	ug/L	5.0	06/14/22 19:36	
EPA 5030/8260	Tetrachloroethene	35.3	ug/L	5.0	06/14/22 19:36	
EPA 5030/8260	Trichloroethene	53.3	ug/L	5.0	06/14/22 19:36	
EPA 5030/8260	Vinyl chloride	6.7	ug/L	2.0	06/14/22 19:36	
50318531012	MW-33D					
EPA 5030/8260	cis-1,2-Dichloroethene	5.7	ug/L	5.0	06/14/22 20:05	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: HRID 2Q2022

Pace Project No.: 50318531

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50318531012	MW-33D					
EPA 5030/8260	Tetrachloroethene	36.5	ug/L	5.0	06/14/22 20:05	
EPA 5030/8260	Trichloroethene	109	ug/L	5.0	06/14/22 20:05	
50318531013	Dup B					
EPA 5030/8260	cis-1,2-Dichloroethene	5.6	ug/L	5.0	06/14/22 20:35	
EPA 5030/8260	Tetrachloroethene	35.8	ug/L	5.0	06/14/22 20:35	
EPA 5030/8260	Trichloroethene	107	ug/L	5.0	06/14/22 20:35	
50318531014	MW-46I					
EPA 5030/8260	cis-1,2-Dichloroethene	46.3	ug/L	5.0	06/14/22 21:04	
EPA 5030/8260	trans-1,2-Dichloroethene	5.0	ug/L	5.0	06/14/22 21:04	
EPA 5030/8260	Trichloroethene	29.8	ug/L	5.0	06/14/22 21:04	
50318531015	MW-40					
EPA 5030/8260	cis-1,2-Dichloroethene	50.9	ug/L	5.0	06/15/22 14:17	
EPA 5030/8260	trans-1,2-Dichloroethene	44.6	ug/L	5.0	06/15/22 14:17	
EPA 5030/8260	Trichloroethene	212	ug/L	5.0	06/15/22 14:17	
50318531017	MW-24					
EPA 5030/8260	cis-1,2-Dichloroethene	110	ug/L	5.0	06/15/22 15:16	
EPA 5030/8260	Tetrachloroethene	95.0	ug/L	5.0	06/15/22 15:16	
EPA 5030/8260	Trichloroethene	51.1	ug/L	5.0	06/15/22 15:16	
50318531018	MW-22					
EPA 5030/8260	cis-1,2-Dichloroethene	131	ug/L	5.0	06/15/22 22:07	
EPA 5030/8260	Tetrachloroethene	5.8	ug/L	5.0	06/15/22 22:07	
EPA 5030/8260	Trichloroethene	38.1	ug/L	5.0	06/15/22 22:07	
EPA 5030/8260	Vinyl chloride	6.7	ug/L	2.0	06/16/22 16:12	
50318531019	MW-22D					
EPA 5030/8260	cis-1,2-Dichloroethene	61.9	ug/L	5.0	06/16/22 16:42	
EPA 5030/8260	Tetrachloroethene	13.6	ug/L	5.0	06/16/22 16:42	
EPA 5030/8260	Trichloroethene	41.4	ug/L	5.0	06/16/22 16:42	
EPA 5030/8260	Vinyl chloride	2.9	ug/L	2.0	06/16/22 16:42	
50318531020	MW-29					
EPA 5030/8260	cis-1,2-Dichloroethene	67.0	ug/L	5.0	06/15/22 16:15	
50318531021	MW-29D					
EPA 5030/8260	cis-1,2-Dichloroethene	75.3	ug/L	5.0	06/15/22 16:44	
EPA 5030/8260	Tetrachloroethene	19.2	ug/L	5.0	06/15/22 16:44	
EPA 5030/8260	Trichloroethene	143	ug/L	5.0	06/15/22 16:44	
50318531022	MW-41					
EPA 5030/8260	cis-1,2-Dichloroethene	84.1	ug/L	5.0	06/16/22 17:11	
EPA 5030/8260	Trichloroethene	163	ug/L	5.0	06/16/22 17:11	
EPA 5030/8260	Vinyl chloride	2.8	ug/L	2.0	06/16/22 17:11	
50318531023	MW-41D					
EPA 5030/8260	cis-1,2-Dichloroethene	299	ug/L	50.0	06/15/22 18:12	
EPA 5030/8260	Vinyl chloride	24.7	ug/L	2.0	06/16/22 17:41	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: HRID 2Q2022

Pace Project No.: 50318531

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50318531024	MW-12					
EPA 5030/8260	Trichloroethene	48.7	ug/L	5.0	06/15/22 18:42	
50318531027	MW-14D					
EPA 5030/8260	cis-1,2-Dichloroethene	27.6	ug/L	5.0	06/15/22 20:10	
EPA 5030/8260	Trichloroethene	281	ug/L	5.0	06/15/22 20:10	
50318531028	MW-36					
EPA 5030/8260	Tetrachloroethene	19.6	ug/L	5.0	06/15/22 20:39	
EPA 5030/8260	Trichloroethene	52.9	ug/L	5.0	06/15/22 20:39	
50318531029	MW-42					
EPA 5030/8260	Trichloroethene	187	ug/L	5.0	06/15/22 21:08	
50318531030	MW-42D					
EPA 5030/8260	cis-1,2-Dichloroethene	312	ug/L	50.0	06/16/22 18:40	
EPA 5030/8260	trans-1,2-Dichloroethene	27.0	ug/L	5.0	06/16/22 18:10	
EPA 5030/8260	Trichloroethene	111	ug/L	5.0	06/16/22 18:10	
50318531031	MW-15					
EPA 5030/8260	Trichloroethene	36.8	ug/L	5.0	06/18/22 02:20	
50318531032	MW-15D					
EPA 5030/8260	cis-1,2-Dichloroethene	60.1	ug/L	5.0	06/18/22 02:49	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-11		Lab ID: 50318531001	Collected: 06/06/22 10:55	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Acetone	ND	ug/L	100	1		06/13/22 20:35	67-64-1	L1
Acrolein	ND	ug/L	50.0	1		06/13/22 20:35	107-02-8	
Acrylonitrile	ND	ug/L	100	1		06/13/22 20:35	107-13-1	
Benzene	ND	ug/L	5.0	1		06/13/22 20:35	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/13/22 20:35	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/13/22 20:35	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/13/22 20:35	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/13/22 20:35	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/13/22 20:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		06/13/22 20:35	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		06/13/22 20:35	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/13/22 20:35	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/13/22 20:35	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		06/13/22 20:35	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		06/13/22 20:35	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/13/22 20:35	108-90-7	
Chloroethane	ND	ug/L	5.0	1		06/13/22 20:35	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/13/22 20:35	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/13/22 20:35	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/13/22 20:35	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/13/22 20:35	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		06/13/22 20:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/13/22 20:35	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		06/13/22 20:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/13/22 20:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/13/22 20:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/13/22 20:35	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/13/22 20:35	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/13/22 20:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/13/22 20:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/13/22 20:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/13/22 20:35	75-35-4	
cis-1,2-Dichloroethene	298	ug/L	5.0	1		06/13/22 20:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/13/22 20:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/13/22 20:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/13/22 20:35	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/13/22 20:35	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/13/22 20:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/13/22 20:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/13/22 20:35	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		06/13/22 20:35	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		06/13/22 20:35	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/13/22 20:35	87-68-3	
n-Hexane	ND	ug/L	5.0	1		06/13/22 20:35	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		06/13/22 20:35	591-78-6	
Iodomethane	ND	ug/L	10.0	1		06/13/22 20:35	74-88-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-11		Lab ID: 50318531001	Collected: 06/06/22 10:55	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/13/22 20:35	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/13/22 20:35	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/13/22 20:35	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		06/13/22 20:35	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		06/13/22 20:35	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/13/22 20:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/13/22 20:35	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		06/13/22 20:35	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/13/22 20:35	103-65-1	
Styrene	ND	ug/L	5.0	1		06/13/22 20:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/13/22 20:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/13/22 20:35	79-34-5	
Tetrachloroethene	40.6	ug/L	5.0	1		06/13/22 20:35	127-18-4	
Toluene	ND	ug/L	5.0	1		06/13/22 20:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/13/22 20:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/13/22 20:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/13/22 20:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/13/22 20:35	79-00-5	
Trichloroethene	14.8	ug/L	5.0	1		06/13/22 20:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		06/13/22 20:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/13/22 20:35	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/13/22 20:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/13/22 20:35	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		06/13/22 20:35	108-05-4	L1
Vinyl chloride	ND	ug/L	2.0	1		06/13/22 20:35	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		06/13/22 20:35	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	82-128	1		06/13/22 20:35	1868-53-7	
4-Bromofluorobenzene (S)	98	%.	79-124	1		06/13/22 20:35	460-00-4	
Toluene-d8 (S)	99	%.	73-122	1		06/13/22 20:35	2037-26-5	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-30		Lab ID: 50318531002		Collected: 06/06/22 09:35		Received: 06/09/22 15:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Indiana		Analytical Method: EPA 5030/8260							
		Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		06/14/22 21:33	67-64-1	L1,M0	
Acrolein	ND	ug/L	50.0	1		06/14/22 21:33	107-02-8		
Acrylonitrile	ND	ug/L	100	1		06/14/22 21:33	107-13-1		
Benzene	ND	ug/L	5.0	1		06/14/22 21:33	71-43-2		
Bromobenzene	ND	ug/L	5.0	1		06/14/22 21:33	108-86-1		
Bromochloromethane	ND	ug/L	5.0	1		06/14/22 21:33	74-97-5		
Bromodichloromethane	ND	ug/L	5.0	1		06/14/22 21:33	75-27-4		
Bromoform	ND	ug/L	5.0	1		06/14/22 21:33	75-25-2		
Bromomethane	ND	ug/L	5.0	1		06/14/22 21:33	74-83-9		
2-Butanone (MEK)	ND	ug/L	25.0	1		06/14/22 21:33	78-93-3		
n-Butylbenzene	ND	ug/L	5.0	1		06/14/22 21:33	104-51-8		
sec-Butylbenzene	ND	ug/L	5.0	1		06/14/22 21:33	135-98-8		
tert-Butylbenzene	ND	ug/L	5.0	1		06/14/22 21:33	98-06-6		
Carbon disulfide	ND	ug/L	10.0	1		06/14/22 21:33	75-15-0		
Carbon tetrachloride	ND	ug/L	5.0	1		06/14/22 21:33	56-23-5		
Chlorobenzene	ND	ug/L	5.0	1		06/14/22 21:33	108-90-7		
Chloroethane	ND	ug/L	5.0	1		06/14/22 21:33	75-00-3		
Chloroform	ND	ug/L	5.0	1		06/14/22 21:33	67-66-3		
Chloromethane	ND	ug/L	5.0	1		06/14/22 21:33	74-87-3		
2-Chlorotoluene	ND	ug/L	5.0	1		06/14/22 21:33	95-49-8		
4-Chlorotoluene	ND	ug/L	5.0	1		06/14/22 21:33	106-43-4		
Dibromochloromethane	ND	ug/L	5.0	1		06/14/22 21:33	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/14/22 21:33	106-93-4		
Dibromomethane	ND	ug/L	5.0	1		06/14/22 21:33	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/14/22 21:33	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/14/22 21:33	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/14/22 21:33	106-46-7		
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/14/22 21:33	110-57-6		
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/14/22 21:33	75-71-8		
1,1-Dichloroethane	ND	ug/L	5.0	1		06/14/22 21:33	75-34-3		
1,2-Dichloroethane	ND	ug/L	5.0	1		06/14/22 21:33	107-06-2		
1,1-Dichloroethene	ND	ug/L	5.0	1		06/14/22 21:33	75-35-4		
cis-1,2-Dichloroethene	4500	ug/L	100	20		06/15/22 13:48	156-59-2	M1	
trans-1,2-Dichloroethene	38.2	ug/L	5.0	1		06/14/22 21:33	156-60-5		
1,2-Dichloropropane	ND	ug/L	5.0	1		06/14/22 21:33	78-87-5		
1,3-Dichloropropane	ND	ug/L	5.0	1		06/14/22 21:33	142-28-9		
2,2-Dichloropropane	ND	ug/L	5.0	1		06/14/22 21:33	594-20-7		
1,1-Dichloropropene	ND	ug/L	5.0	1		06/14/22 21:33	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/14/22 21:33	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/14/22 21:33	10061-02-6		
Ethylbenzene	ND	ug/L	5.0	1		06/14/22 21:33	100-41-4		
Ethyl methacrylate	ND	ug/L	100	1		06/14/22 21:33	97-63-2		
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/14/22 21:33	87-68-3		
n-Hexane	ND	ug/L	5.0	1		06/14/22 21:33	110-54-3		
2-Hexanone	ND	ug/L	25.0	1		06/14/22 21:33	591-78-6		
Iodomethane	ND	ug/L	10.0	1		06/14/22 21:33	74-88-4	R1	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-30		Lab ID: 50318531002	Collected: 06/06/22 09:35	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/14/22 21:33	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/14/22 21:33	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/14/22 21:33	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		06/14/22 21:33	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		06/14/22 21:33	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/14/22 21:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/14/22 21:33	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		06/14/22 21:33	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/14/22 21:33	103-65-1	
Styrene	ND	ug/L	5.0	1		06/14/22 21:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/14/22 21:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/14/22 21:33	79-34-5	
Tetrachloroethene	19.5	ug/L	5.0	1		06/14/22 21:33	127-18-4	M1
Toluene	ND	ug/L	5.0	1		06/14/22 21:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/14/22 21:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/14/22 21:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/14/22 21:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/14/22 21:33	79-00-5	
Trichloroethene	13.0	ug/L	5.0	1		06/14/22 21:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		06/14/22 21:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/14/22 21:33	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/14/22 21:33	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/14/22 21:33	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		06/14/22 21:33	108-05-4	L1
Vinyl chloride	112	ug/L	2.0	1		06/14/22 21:33	75-01-4	M1
Xylene (Total)	ND	ug/L	10.0	1		06/14/22 21:33	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%	82-128	1		06/14/22 21:33	1868-53-7	
4-Bromofluorobenzene (S)	99	%	79-124	1		06/14/22 21:33	460-00-4	
Toluene-d8 (S)	98	%	73-122	1		06/14/22 21:33	2037-26-5	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-31		Lab ID: 50318531003	Collected: 06/06/22 10:15	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260						
		Pace Analytical Services - Indianapolis						
Acetone	ND	ug/L	100	1		06/13/22 21:05	67-64-1	L1
Acrolein	ND	ug/L	50.0	1		06/13/22 21:05	107-02-8	
Acrylonitrile	ND	ug/L	100	1		06/13/22 21:05	107-13-1	
Benzene	ND	ug/L	5.0	1		06/13/22 21:05	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/13/22 21:05	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/13/22 21:05	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/13/22 21:05	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/13/22 21:05	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/13/22 21:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		06/13/22 21:05	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		06/13/22 21:05	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/13/22 21:05	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/13/22 21:05	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		06/13/22 21:05	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		06/13/22 21:05	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/13/22 21:05	108-90-7	
Chloroethane	ND	ug/L	5.0	1		06/13/22 21:05	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/13/22 21:05	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/13/22 21:05	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/13/22 21:05	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/13/22 21:05	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		06/13/22 21:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/13/22 21:05	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		06/13/22 21:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/13/22 21:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/13/22 21:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/13/22 21:05	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/13/22 21:05	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/13/22 21:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/13/22 21:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/13/22 21:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/13/22 21:05	75-35-4	
cis-1,2-Dichloroethene	5.5	ug/L	5.0	1		06/13/22 21:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/13/22 21:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/13/22 21:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/13/22 21:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/13/22 21:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/13/22 21:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/13/22 21:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/13/22 21:05	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		06/13/22 21:05	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		06/13/22 21:05	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/13/22 21:05	87-68-3	
n-Hexane	ND	ug/L	5.0	1		06/13/22 21:05	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		06/13/22 21:05	591-78-6	
Iodomethane	ND	ug/L	10.0	1		06/13/22 21:05	74-88-4	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-31		Lab ID: 50318531003		Collected: 06/06/22 10:15		Received: 06/09/22 15:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/13/22 21:05	98-82-8		
p-Isopropyltoluene	ND	ug/L	5.0	1		06/13/22 21:05	99-87-6		
Methylene Chloride	ND	ug/L	5.0	1		06/13/22 21:05	75-09-2		
1-Methylnaphthalene	ND	ug/L	10.0	1		06/13/22 21:05	90-12-0		
2-Methylnaphthalene	ND	ug/L	10.0	1		06/13/22 21:05	91-57-6		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/13/22 21:05	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/13/22 21:05	1634-04-4		
Naphthalene	ND	ug/L	1.2	1		06/13/22 21:05	91-20-3		
n-Propylbenzene	ND	ug/L	5.0	1		06/13/22 21:05	103-65-1		
Styrene	ND	ug/L	5.0	1		06/13/22 21:05	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/13/22 21:05	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/13/22 21:05	79-34-5		
Tetrachloroethene	ND	ug/L	5.0	1		06/13/22 21:05	127-18-4		
Toluene	ND	ug/L	5.0	1		06/13/22 21:05	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/13/22 21:05	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/13/22 21:05	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/13/22 21:05	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/13/22 21:05	79-00-5		
Trichloroethene	ND	ug/L	5.0	1		06/13/22 21:05	79-01-6		
Trichlorofluoromethane	ND	ug/L	5.0	1		06/13/22 21:05	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/13/22 21:05	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/13/22 21:05	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/13/22 21:05	108-67-8		
Vinyl acetate	ND	ug/L	50.0	1		06/13/22 21:05	108-05-4	L1	
Vinyl chloride	ND	ug/L	2.0	1		06/13/22 21:05	75-01-4		
Xylene (Total)	ND	ug/L	10.0	1		06/13/22 21:05	1330-20-7		
Surrogates									
Dibromofluoromethane (S)	101	%.	82-128	1		06/13/22 21:05	1868-53-7		
4-Bromofluorobenzene (S)	98	%.	79-124	1		06/13/22 21:05	460-00-4		
Toluene-d8 (S)	98	%.	73-122	1		06/13/22 21:05	2037-26-5		

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-23		Lab ID: 50318531004		Collected: 06/06/22 11:35		Received: 06/09/22 15:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	102	ug/L	100	1		06/13/22 21:34	67-64-1	L1	
Acrolein	ND	ug/L	50.0	1		06/13/22 21:34	107-02-8		
Acrylonitrile	ND	ug/L	100	1		06/13/22 21:34	107-13-1		
Benzene	ND	ug/L	5.0	1		06/13/22 21:34	71-43-2		
Bromobenzene	ND	ug/L	5.0	1		06/13/22 21:34	108-86-1		
Bromochloromethane	ND	ug/L	5.0	1		06/13/22 21:34	74-97-5		
Bromodichloromethane	ND	ug/L	5.0	1		06/13/22 21:34	75-27-4		
Bromoform	ND	ug/L	5.0	1		06/13/22 21:34	75-25-2		
Bromomethane	ND	ug/L	5.0	1		06/13/22 21:34	74-83-9		
2-Butanone (MEK)	55.7	ug/L	25.0	1		06/13/22 21:34	78-93-3		
n-Butylbenzene	ND	ug/L	5.0	1		06/13/22 21:34	104-51-8		
sec-Butylbenzene	ND	ug/L	5.0	1		06/13/22 21:34	135-98-8		
tert-Butylbenzene	ND	ug/L	5.0	1		06/13/22 21:34	98-06-6		
Carbon disulfide	ND	ug/L	10.0	1		06/13/22 21:34	75-15-0		
Carbon tetrachloride	ND	ug/L	5.0	1		06/13/22 21:34	56-23-5		
Chlorobenzene	ND	ug/L	5.0	1		06/13/22 21:34	108-90-7		
Chloroethane	ND	ug/L	5.0	1		06/13/22 21:34	75-00-3		
Chloroform	ND	ug/L	5.0	1		06/13/22 21:34	67-66-3		
Chloromethane	ND	ug/L	5.0	1		06/13/22 21:34	74-87-3		
2-Chlorotoluene	ND	ug/L	5.0	1		06/13/22 21:34	95-49-8		
4-Chlorotoluene	ND	ug/L	5.0	1		06/13/22 21:34	106-43-4		
Dibromochloromethane	ND	ug/L	5.0	1		06/13/22 21:34	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/13/22 21:34	106-93-4		
Dibromomethane	ND	ug/L	5.0	1		06/13/22 21:34	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/13/22 21:34	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/13/22 21:34	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/13/22 21:34	106-46-7		
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/13/22 21:34	110-57-6		
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/13/22 21:34	75-71-8		
1,1-Dichloroethane	ND	ug/L	5.0	1		06/13/22 21:34	75-34-3		
1,2-Dichloroethane	ND	ug/L	5.0	1		06/13/22 21:34	107-06-2		
1,1-Dichloroethene	ND	ug/L	5.0	1		06/13/22 21:34	75-35-4		
cis-1,2-Dichloroethene	65.7	ug/L	5.0	1		06/13/22 21:34	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/13/22 21:34	156-60-5		
1,2-Dichloropropane	ND	ug/L	5.0	1		06/13/22 21:34	78-87-5		
1,3-Dichloropropane	ND	ug/L	5.0	1		06/13/22 21:34	142-28-9		
2,2-Dichloropropane	ND	ug/L	5.0	1		06/13/22 21:34	594-20-7		
1,1-Dichloropropene	ND	ug/L	5.0	1		06/13/22 21:34	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/13/22 21:34	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/13/22 21:34	10061-02-6		
Ethylbenzene	ND	ug/L	5.0	1		06/13/22 21:34	100-41-4		
Ethyl methacrylate	ND	ug/L	100	1		06/13/22 21:34	97-63-2		
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/13/22 21:34	87-68-3		
n-Hexane	ND	ug/L	5.0	1		06/13/22 21:34	110-54-3		
2-Hexanone	ND	ug/L	25.0	1		06/13/22 21:34	591-78-6		
Iodomethane	ND	ug/L	10.0	1		06/13/22 21:34	74-88-4		

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-23		Lab ID: 50318531004		Collected: 06/06/22 11:35		Received: 06/09/22 15:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/13/22 21:34	98-82-8		
p-Isopropyltoluene	ND	ug/L	5.0	1		06/13/22 21:34	99-87-6		
Methylene Chloride	ND	ug/L	5.0	1		06/13/22 21:34	75-09-2		
1-Methylnaphthalene	ND	ug/L	10.0	1		06/13/22 21:34	90-12-0		
2-Methylnaphthalene	ND	ug/L	10.0	1		06/13/22 21:34	91-57-6		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/13/22 21:34	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/13/22 21:34	1634-04-4		
Naphthalene	ND	ug/L	1.2	1		06/13/22 21:34	91-20-3		
n-Propylbenzene	ND	ug/L	5.0	1		06/13/22 21:34	103-65-1		
Styrene	ND	ug/L	5.0	1		06/13/22 21:34	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/13/22 21:34	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/13/22 21:34	79-34-5		
Tetrachloroethene	ND	ug/L	5.0	1		06/13/22 21:34	127-18-4		
Toluene	ND	ug/L	5.0	1		06/13/22 21:34	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/13/22 21:34	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/13/22 21:34	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/13/22 21:34	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/13/22 21:34	79-00-5		
Trichloroethene	ND	ug/L	5.0	1		06/13/22 21:34	79-01-6		
Trichlorofluoromethane	ND	ug/L	5.0	1		06/13/22 21:34	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/13/22 21:34	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/13/22 21:34	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/13/22 21:34	108-67-8		
Vinyl acetate	ND	ug/L	50.0	1		06/13/22 21:34	108-05-4	L1	
Vinyl chloride	3.0	ug/L	2.0	1		06/13/22 21:34	75-01-4		
Xylene (Total)	ND	ug/L	10.0	1		06/13/22 21:34	1330-20-7		
Surrogates									
Dibromofluoromethane (S)	102	%	82-128	1		06/13/22 21:34	1868-53-7		
4-Bromofluorobenzene (S)	98	%	79-124	1		06/13/22 21:34	460-00-4		
Toluene-d8 (S)	98	%	73-122	1		06/13/22 21:34	2037-26-5		

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-37		Lab ID: 50318531005	Collected: 06/06/22 12:25	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Acetone	ND	ug/L	100	1		06/13/22 22:32	67-64-1	L1
Acrolein	ND	ug/L	50.0	1		06/13/22 22:32	107-02-8	
Acrylonitrile	ND	ug/L	100	1		06/13/22 22:32	107-13-1	
Benzene	ND	ug/L	5.0	1		06/13/22 22:32	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/13/22 22:32	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/13/22 22:32	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/13/22 22:32	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/13/22 22:32	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/13/22 22:32	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		06/13/22 22:32	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		06/13/22 22:32	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/13/22 22:32	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/13/22 22:32	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		06/13/22 22:32	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		06/13/22 22:32	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/13/22 22:32	108-90-7	
Chloroethane	ND	ug/L	5.0	1		06/13/22 22:32	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/13/22 22:32	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/13/22 22:32	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/13/22 22:32	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/13/22 22:32	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		06/13/22 22:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/13/22 22:32	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		06/13/22 22:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/13/22 22:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/13/22 22:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/13/22 22:32	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/13/22 22:32	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/13/22 22:32	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/13/22 22:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/13/22 22:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/13/22 22:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		06/13/22 22:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/13/22 22:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/13/22 22:32	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/13/22 22:32	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/13/22 22:32	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/13/22 22:32	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/13/22 22:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/13/22 22:32	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		06/13/22 22:32	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		06/13/22 22:32	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/13/22 22:32	87-68-3	
n-Hexane	ND	ug/L	5.0	1		06/13/22 22:32	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		06/13/22 22:32	591-78-6	
Iodomethane	ND	ug/L	10.0	1		06/13/22 22:32	74-88-4	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-37		Lab ID: 50318531005	Collected: 06/06/22 12:25	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/13/22 22:32	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/13/22 22:32	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/13/22 22:32	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		06/13/22 22:32	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		06/13/22 22:32	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/13/22 22:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/13/22 22:32	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		06/13/22 22:32	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/13/22 22:32	103-65-1	
Styrene	ND	ug/L	5.0	1		06/13/22 22:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/13/22 22:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/13/22 22:32	79-34-5	
Tetrachloroethene	32.7	ug/L	5.0	1		06/13/22 22:32	127-18-4	
Toluene	ND	ug/L	5.0	1		06/13/22 22:32	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/13/22 22:32	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/13/22 22:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/13/22 22:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/13/22 22:32	79-00-5	
Trichloroethene	35.8	ug/L	5.0	1		06/13/22 22:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		06/13/22 22:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/13/22 22:32	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/13/22 22:32	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/13/22 22:32	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		06/13/22 22:32	108-05-4	L1
Vinyl chloride	ND	ug/L	2.0	1		06/13/22 22:32	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		06/13/22 22:32	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%	82-128	1		06/13/22 22:32	1868-53-7	
4-Bromofluorobenzene (S)	98	%	79-124	1		06/13/22 22:32	460-00-4	
Toluene-d8 (S)	99	%	73-122	1		06/13/22 22:32	2037-26-5	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-25		Lab ID: 50318531006	Collected: 06/06/22 13:10	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Acetone	ND	ug/L	100	1		06/13/22 23:02	67-64-1	L1
Acrolein	ND	ug/L	50.0	1		06/13/22 23:02	107-02-8	
Acrylonitrile	ND	ug/L	100	1		06/13/22 23:02	107-13-1	
Benzene	ND	ug/L	5.0	1		06/13/22 23:02	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/13/22 23:02	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/13/22 23:02	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/13/22 23:02	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/13/22 23:02	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/13/22 23:02	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		06/13/22 23:02	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		06/13/22 23:02	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/13/22 23:02	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/13/22 23:02	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		06/13/22 23:02	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		06/13/22 23:02	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/13/22 23:02	108-90-7	
Chloroethane	ND	ug/L	5.0	1		06/13/22 23:02	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/13/22 23:02	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/13/22 23:02	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/13/22 23:02	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/13/22 23:02	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		06/13/22 23:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/13/22 23:02	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		06/13/22 23:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/13/22 23:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/13/22 23:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/13/22 23:02	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/13/22 23:02	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/13/22 23:02	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/13/22 23:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/13/22 23:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/13/22 23:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		06/13/22 23:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/13/22 23:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/13/22 23:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/13/22 23:02	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/13/22 23:02	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/13/22 23:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/13/22 23:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/13/22 23:02	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		06/13/22 23:02	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		06/13/22 23:02	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/13/22 23:02	87-68-3	
n-Hexane	ND	ug/L	5.0	1		06/13/22 23:02	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		06/13/22 23:02	591-78-6	
Iodomethane	ND	ug/L	10.0	1		06/13/22 23:02	74-88-4	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-25		Lab ID: 50318531006		Collected: 06/06/22 13:10		Received: 06/09/22 15:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/13/22 23:02	98-82-8		
p-Isopropyltoluene	ND	ug/L	5.0	1		06/13/22 23:02	99-87-6		
Methylene Chloride	ND	ug/L	5.0	1		06/13/22 23:02	75-09-2		
1-Methylnaphthalene	ND	ug/L	10.0	1		06/13/22 23:02	90-12-0		
2-Methylnaphthalene	ND	ug/L	10.0	1		06/13/22 23:02	91-57-6		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/13/22 23:02	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/13/22 23:02	1634-04-4		
Naphthalene	ND	ug/L	1.2	1		06/13/22 23:02	91-20-3		
n-Propylbenzene	ND	ug/L	5.0	1		06/13/22 23:02	103-65-1		
Styrene	ND	ug/L	5.0	1		06/13/22 23:02	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/13/22 23:02	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/13/22 23:02	79-34-5		
Tetrachloroethene	ND	ug/L	5.0	1		06/13/22 23:02	127-18-4		
Toluene	ND	ug/L	5.0	1		06/13/22 23:02	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/13/22 23:02	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/13/22 23:02	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/13/22 23:02	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/13/22 23:02	79-00-5		
Trichloroethene	ND	ug/L	5.0	1		06/13/22 23:02	79-01-6		
Trichlorofluoromethane	ND	ug/L	5.0	1		06/13/22 23:02	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/13/22 23:02	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/13/22 23:02	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/13/22 23:02	108-67-8		
Vinyl acetate	ND	ug/L	50.0	1		06/13/22 23:02	108-05-4	L1	
Vinyl chloride	ND	ug/L	2.0	1		06/13/22 23:02	75-01-4		
Xylene (Total)	ND	ug/L	10.0	1		06/13/22 23:02	1330-20-7		
Surrogates									
Dibromofluoromethane (S)	101	%.	82-128	1		06/13/22 23:02	1868-53-7		
4-Bromofluorobenzene (S)	98	%.	79-124	1		06/13/22 23:02	460-00-4		
Toluene-d8 (S)	98	%.	73-122	1		06/13/22 23:02	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-32		Lab ID: 50318531007		Collected: 06/06/22 15:15		Received: 06/09/22 15:00		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260							
		Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		06/13/22 23:31	67-64-1	L1	
Acrolein	ND	ug/L	50.0	1		06/13/22 23:31	107-02-8		
Acrylonitrile	ND	ug/L	100	1		06/13/22 23:31	107-13-1		
Benzene	ND	ug/L	5.0	1		06/13/22 23:31	71-43-2		
Bromobenzene	ND	ug/L	5.0	1		06/13/22 23:31	108-86-1		
Bromochloromethane	ND	ug/L	5.0	1		06/13/22 23:31	74-97-5		
Bromodichloromethane	ND	ug/L	5.0	1		06/13/22 23:31	75-27-4		
Bromoform	ND	ug/L	5.0	1		06/13/22 23:31	75-25-2		
Bromomethane	ND	ug/L	5.0	1		06/13/22 23:31	74-83-9		
2-Butanone (MEK)	ND	ug/L	25.0	1		06/13/22 23:31	78-93-3		
n-Butylbenzene	ND	ug/L	5.0	1		06/13/22 23:31	104-51-8		
sec-Butylbenzene	ND	ug/L	5.0	1		06/13/22 23:31	135-98-8		
tert-Butylbenzene	ND	ug/L	5.0	1		06/13/22 23:31	98-06-6		
Carbon disulfide	ND	ug/L	10.0	1		06/13/22 23:31	75-15-0		
Carbon tetrachloride	ND	ug/L	5.0	1		06/13/22 23:31	56-23-5		
Chlorobenzene	ND	ug/L	5.0	1		06/13/22 23:31	108-90-7		
Chloroethane	ND	ug/L	5.0	1		06/13/22 23:31	75-00-3		
Chloroform	ND	ug/L	5.0	1		06/13/22 23:31	67-66-3		
Chloromethane	ND	ug/L	5.0	1		06/13/22 23:31	74-87-3		
2-Chlorotoluene	ND	ug/L	5.0	1		06/13/22 23:31	95-49-8		
4-Chlorotoluene	ND	ug/L	5.0	1		06/13/22 23:31	106-43-4		
Dibromochloromethane	ND	ug/L	5.0	1		06/13/22 23:31	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/13/22 23:31	106-93-4		
Dibromomethane	ND	ug/L	5.0	1		06/13/22 23:31	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/13/22 23:31	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/13/22 23:31	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/13/22 23:31	106-46-7		
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/13/22 23:31	110-57-6		
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/13/22 23:31	75-71-8		
1,1-Dichloroethane	ND	ug/L	5.0	1		06/13/22 23:31	75-34-3		
1,2-Dichloroethane	ND	ug/L	5.0	1		06/13/22 23:31	107-06-2		
1,1-Dichloroethene	ND	ug/L	5.0	1		06/13/22 23:31	75-35-4		
cis-1,2-Dichloroethene	33.8	ug/L	5.0	1		06/13/22 23:31	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/13/22 23:31	156-60-5		
1,2-Dichloropropane	ND	ug/L	5.0	1		06/13/22 23:31	78-87-5		
1,3-Dichloropropane	ND	ug/L	5.0	1		06/13/22 23:31	142-28-9		
2,2-Dichloropropane	ND	ug/L	5.0	1		06/13/22 23:31	594-20-7		
1,1-Dichloropropene	ND	ug/L	5.0	1		06/13/22 23:31	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/13/22 23:31	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/13/22 23:31	10061-02-6		
Ethylbenzene	ND	ug/L	5.0	1		06/13/22 23:31	100-41-4		
Ethyl methacrylate	ND	ug/L	100	1		06/13/22 23:31	97-63-2		
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/13/22 23:31	87-68-3		
n-Hexane	ND	ug/L	5.0	1		06/13/22 23:31	110-54-3		
2-Hexanone	ND	ug/L	25.0	1		06/13/22 23:31	591-78-6		
Iodomethane	ND	ug/L	10.0	1		06/13/22 23:31	74-88-4		

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-32		Lab ID: 50318531007	Collected: 06/06/22 15:15	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/13/22 23:31	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/13/22 23:31	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/13/22 23:31	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		06/13/22 23:31	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		06/13/22 23:31	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/13/22 23:31	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/13/22 23:31	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		06/13/22 23:31	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/13/22 23:31	103-65-1	
Styrene	ND	ug/L	5.0	1		06/13/22 23:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/13/22 23:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/13/22 23:31	79-34-5	
Tetrachloroethene	15.0	ug/L	5.0	1		06/13/22 23:31	127-18-4	
Toluene	ND	ug/L	5.0	1		06/13/22 23:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/13/22 23:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/13/22 23:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/13/22 23:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/13/22 23:31	79-00-5	
Trichloroethene	26.4	ug/L	5.0	1		06/13/22 23:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		06/13/22 23:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/13/22 23:31	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/13/22 23:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/13/22 23:31	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		06/13/22 23:31	108-05-4	L1
Vinyl chloride	ND	ug/L	2.0	1		06/13/22 23:31	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		06/13/22 23:31	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%	82-128	1		06/13/22 23:31	1868-53-7	
4-Bromofluorobenzene (S)	99	%	79-124	1		06/13/22 23:31	460-00-4	
Toluene-d8 (S)	98	%	73-122	1		06/13/22 23:31	2037-26-5	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-26		Lab ID: 50318531008		Collected: 06/06/22 14:30		Received: 06/09/22 15:00		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260							
		Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1			06/14/22 17:39	67-64-1	L1
Acrolein	ND	ug/L	50.0	1			06/14/22 17:39	107-02-8	
Acrylonitrile	ND	ug/L	100	1			06/14/22 17:39	107-13-1	
Benzene	ND	ug/L	5.0	1			06/14/22 17:39	71-43-2	
Bromobenzene	ND	ug/L	5.0	1			06/14/22 17:39	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1			06/14/22 17:39	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1			06/14/22 17:39	75-27-4	
Bromoform	ND	ug/L	5.0	1			06/14/22 17:39	75-25-2	
Bromomethane	ND	ug/L	5.0	1			06/14/22 17:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1			06/14/22 17:39	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1			06/14/22 17:39	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1			06/14/22 17:39	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1			06/14/22 17:39	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1			06/14/22 17:39	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1			06/14/22 17:39	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1			06/14/22 17:39	108-90-7	
Chloroethane	ND	ug/L	5.0	1			06/14/22 17:39	75-00-3	
Chloroform	ND	ug/L	5.0	1			06/14/22 17:39	67-66-3	
Chloromethane	ND	ug/L	5.0	1			06/14/22 17:39	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1			06/14/22 17:39	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1			06/14/22 17:39	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1			06/14/22 17:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1			06/14/22 17:39	106-93-4	
Dibromomethane	ND	ug/L	5.0	1			06/14/22 17:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1			06/14/22 17:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1			06/14/22 17:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1			06/14/22 17:39	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1			06/14/22 17:39	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1			06/14/22 17:39	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1			06/14/22 17:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1			06/14/22 17:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1			06/14/22 17:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1			06/14/22 17:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1			06/14/22 17:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1			06/14/22 17:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1			06/14/22 17:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1			06/14/22 17:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1			06/14/22 17:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1			06/14/22 17:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1			06/14/22 17:39	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1			06/14/22 17:39	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1			06/14/22 17:39	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1			06/14/22 17:39	87-68-3	
n-Hexane	ND	ug/L	5.0	1			06/14/22 17:39	110-54-3	
2-Hexanone	ND	ug/L	25.0	1			06/14/22 17:39	591-78-6	
Iodomethane	ND	ug/L	10.0	1			06/14/22 17:39	74-88-4	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-26		Lab ID: 50318531008		Collected: 06/06/22 14:30		Received: 06/09/22 15:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/14/22 17:39	98-82-8		
p-Isopropyltoluene	ND	ug/L	5.0	1		06/14/22 17:39	99-87-6		
Methylene Chloride	ND	ug/L	5.0	1		06/14/22 17:39	75-09-2		
1-Methylnaphthalene	ND	ug/L	10.0	1		06/14/22 17:39	90-12-0		
2-Methylnaphthalene	ND	ug/L	10.0	1		06/14/22 17:39	91-57-6		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/14/22 17:39	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/14/22 17:39	1634-04-4		
Naphthalene	ND	ug/L	1.2	1		06/14/22 17:39	91-20-3		
n-Propylbenzene	ND	ug/L	5.0	1		06/14/22 17:39	103-65-1		
Styrene	ND	ug/L	5.0	1		06/14/22 17:39	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/14/22 17:39	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/14/22 17:39	79-34-5		
Tetrachloroethene	7.4	ug/L	5.0	1		06/14/22 17:39	127-18-4		
Toluene	ND	ug/L	5.0	1		06/14/22 17:39	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/14/22 17:39	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/14/22 17:39	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/14/22 17:39	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/14/22 17:39	79-00-5		
Trichloroethene	11.2	ug/L	5.0	1		06/14/22 17:39	79-01-6		
Trichlorofluoromethane	ND	ug/L	5.0	1		06/14/22 17:39	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/14/22 17:39	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/14/22 17:39	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/14/22 17:39	108-67-8		
Vinyl acetate	ND	ug/L	50.0	1		06/14/22 17:39	108-05-4	L1	
Vinyl chloride	36.9	ug/L	2.0	1		06/14/22 17:39	75-01-4		
Xylene (Total)	ND	ug/L	10.0	1		06/14/22 17:39	1330-20-7		
Surrogates									
Dibromofluoromethane (S)	102	%	82-128	1		06/14/22 17:39	1868-53-7		
4-Bromofluorobenzene (S)	98	%	79-124	1		06/14/22 17:39	460-00-4		
Toluene-d8 (S)	97	%	73-122	1		06/14/22 17:39	2037-26-5		

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-39		Lab ID: 50318531009		Collected: 06/06/22 13:55		Received: 06/09/22 15:00		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260							
		Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1			06/14/22 18:08	67-64-1	L1
Acrolein	ND	ug/L	50.0	1			06/14/22 18:08	107-02-8	
Acrylonitrile	ND	ug/L	100	1			06/14/22 18:08	107-13-1	
Benzene	ND	ug/L	5.0	1			06/14/22 18:08	71-43-2	
Bromobenzene	ND	ug/L	5.0	1			06/14/22 18:08	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1			06/14/22 18:08	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1			06/14/22 18:08	75-27-4	
Bromoform	ND	ug/L	5.0	1			06/14/22 18:08	75-25-2	
Bromomethane	ND	ug/L	5.0	1			06/14/22 18:08	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1			06/14/22 18:08	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1			06/14/22 18:08	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1			06/14/22 18:08	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1			06/14/22 18:08	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1			06/14/22 18:08	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1			06/14/22 18:08	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1			06/14/22 18:08	108-90-7	
Chloroethane	ND	ug/L	5.0	1			06/14/22 18:08	75-00-3	
Chloroform	ND	ug/L	5.0	1			06/14/22 18:08	67-66-3	
Chloromethane	ND	ug/L	5.0	1			06/14/22 18:08	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1			06/14/22 18:08	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1			06/14/22 18:08	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1			06/14/22 18:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1			06/14/22 18:08	106-93-4	
Dibromomethane	ND	ug/L	5.0	1			06/14/22 18:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1			06/14/22 18:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1			06/14/22 18:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1			06/14/22 18:08	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1			06/14/22 18:08	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1			06/14/22 18:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1			06/14/22 18:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1			06/14/22 18:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1			06/14/22 18:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1			06/14/22 18:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1			06/14/22 18:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1			06/14/22 18:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1			06/14/22 18:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1			06/14/22 18:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1			06/14/22 18:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1			06/14/22 18:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1			06/14/22 18:08	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1			06/14/22 18:08	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1			06/14/22 18:08	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1			06/14/22 18:08	87-68-3	
n-Hexane	ND	ug/L	5.0	1			06/14/22 18:08	110-54-3	
2-Hexanone	ND	ug/L	25.0	1			06/14/22 18:08	591-78-6	
Iodomethane	ND	ug/L	10.0	1			06/14/22 18:08	74-88-4	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-39		Lab ID: 50318531009		Collected: 06/06/22 13:55		Received: 06/09/22 15:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/14/22 18:08	98-82-8	L1	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/14/22 18:08	99-87-6		
Methylene Chloride	ND	ug/L	5.0	1		06/14/22 18:08	75-09-2		
1-Methylnaphthalene	ND	ug/L	10.0	1		06/14/22 18:08	90-12-0		
2-Methylnaphthalene	ND	ug/L	10.0	1		06/14/22 18:08	91-57-6		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/14/22 18:08	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/14/22 18:08	1634-04-4		
Naphthalene	ND	ug/L	1.2	1		06/14/22 18:08	91-20-3		
n-Propylbenzene	ND	ug/L	5.0	1		06/14/22 18:08	103-65-1		
Styrene	ND	ug/L	5.0	1		06/14/22 18:08	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/14/22 18:08	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/14/22 18:08	79-34-5		
Tetrachloroethene	30.0	ug/L	5.0	1		06/14/22 18:08	127-18-4		
Toluene	ND	ug/L	5.0	1		06/14/22 18:08	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/14/22 18:08	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/14/22 18:08	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/14/22 18:08	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/14/22 18:08	79-00-5		
Trichloroethene	63.7	ug/L	5.0	1		06/14/22 18:08	79-01-6		
Trichlorofluoromethane	ND	ug/L	5.0	1		06/14/22 18:08	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/14/22 18:08	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/14/22 18:08	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/14/22 18:08	108-67-8		
Vinyl acetate	ND	ug/L	50.0	1		06/14/22 18:08	108-05-4		
Vinyl chloride	3.7	ug/L	2.0	1		06/14/22 18:08	75-01-4		
Xylene (Total)	ND	ug/L	10.0	1		06/14/22 18:08	1330-20-7		
Surrogates									
Dibromofluoromethane (S)	101	%.	82-128	1		06/14/22 18:08	1868-53-7		
4-Bromofluorobenzene (S)	97	%.	79-124	1		06/14/22 18:08	460-00-4		
Toluene-d8 (S)	98	%.	73-122	1		06/14/22 18:08	2037-26-5		

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: Dup A		Lab ID: 50318531010	Collected: 06/06/22 08:00	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260						
		Pace Analytical Services - Indianapolis						
Acetone	ND	ug/L	100	1		06/14/22 18:37	67-64-1	L1
Acrolein	ND	ug/L	50.0	1		06/14/22 18:37	107-02-8	
Acrylonitrile	ND	ug/L	100	1		06/14/22 18:37	107-13-1	
Benzene	ND	ug/L	5.0	1		06/14/22 18:37	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/14/22 18:37	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/14/22 18:37	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/14/22 18:37	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/14/22 18:37	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/14/22 18:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		06/14/22 18:37	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		06/14/22 18:37	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/14/22 18:37	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/14/22 18:37	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		06/14/22 18:37	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		06/14/22 18:37	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/14/22 18:37	108-90-7	
Chloroethane	ND	ug/L	5.0	1		06/14/22 18:37	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/14/22 18:37	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/14/22 18:37	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/14/22 18:37	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/14/22 18:37	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		06/14/22 18:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/14/22 18:37	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		06/14/22 18:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/14/22 18:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/14/22 18:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/14/22 18:37	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/14/22 18:37	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/14/22 18:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/14/22 18:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/14/22 18:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/14/22 18:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		06/14/22 18:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/14/22 18:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/14/22 18:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/14/22 18:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/14/22 18:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/14/22 18:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/14/22 18:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/14/22 18:37	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		06/14/22 18:37	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		06/14/22 18:37	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/14/22 18:37	87-68-3	
n-Hexane	ND	ug/L	5.0	1		06/14/22 18:37	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		06/14/22 18:37	591-78-6	
Iodomethane	ND	ug/L	10.0	1		06/14/22 18:37	74-88-4	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: Dup A		Lab ID: 50318531010	Collected: 06/06/22 08:00	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/14/22 18:37	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/14/22 18:37	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/14/22 18:37	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		06/14/22 18:37	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		06/14/22 18:37	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/14/22 18:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/14/22 18:37	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		06/14/22 18:37	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/14/22 18:37	103-65-1	
Styrene	ND	ug/L	5.0	1		06/14/22 18:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/14/22 18:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/14/22 18:37	79-34-5	
Tetrachloroethene	32.5	ug/L	5.0	1		06/14/22 18:37	127-18-4	
Toluene	ND	ug/L	5.0	1		06/14/22 18:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/14/22 18:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/14/22 18:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/14/22 18:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/14/22 18:37	79-00-5	
Trichloroethene	36.1	ug/L	5.0	1		06/14/22 18:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		06/14/22 18:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/14/22 18:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/14/22 18:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/14/22 18:37	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		06/14/22 18:37	108-05-4	L1
Vinyl chloride	ND	ug/L	2.0	1		06/14/22 18:37	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		06/14/22 18:37	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%	82-128	1		06/14/22 18:37	1868-53-7	
4-Bromofluorobenzene (S)	99	%	79-124	1		06/14/22 18:37	460-00-4	
Toluene-d8 (S)	99	%	73-122	1		06/14/22 18:37	2037-26-5	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-33		Lab ID: 50318531011	Collected: 06/07/22 14:10	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Acetone	ND	ug/L	100	1		06/14/22 19:36	67-64-1	L1
Acrolein	ND	ug/L	50.0	1		06/14/22 19:36	107-02-8	
Acrylonitrile	ND	ug/L	100	1		06/14/22 19:36	107-13-1	
Benzene	ND	ug/L	5.0	1		06/14/22 19:36	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/14/22 19:36	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/14/22 19:36	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/14/22 19:36	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/14/22 19:36	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/14/22 19:36	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		06/14/22 19:36	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		06/14/22 19:36	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/14/22 19:36	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/14/22 19:36	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		06/14/22 19:36	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		06/14/22 19:36	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/14/22 19:36	108-90-7	
Chloroethane	ND	ug/L	5.0	1		06/14/22 19:36	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/14/22 19:36	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/14/22 19:36	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/14/22 19:36	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/14/22 19:36	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		06/14/22 19:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/14/22 19:36	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		06/14/22 19:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/14/22 19:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/14/22 19:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/14/22 19:36	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/14/22 19:36	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/14/22 19:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/14/22 19:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/14/22 19:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/14/22 19:36	75-35-4	
cis-1,2-Dichloroethene	19.6	ug/L	5.0	1		06/14/22 19:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/14/22 19:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/14/22 19:36	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/14/22 19:36	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/14/22 19:36	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/14/22 19:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/14/22 19:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/14/22 19:36	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		06/14/22 19:36	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		06/14/22 19:36	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/14/22 19:36	87-68-3	
n-Hexane	ND	ug/L	5.0	1		06/14/22 19:36	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		06/14/22 19:36	591-78-6	
Iodomethane	ND	ug/L	10.0	1		06/14/22 19:36	74-88-4	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-33		Lab ID: 50318531011		Collected: 06/07/22 14:10		Received: 06/09/22 15:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/14/22 19:36	98-82-8	L1	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/14/22 19:36	99-87-6		
Methylene Chloride	ND	ug/L	5.0	1		06/14/22 19:36	75-09-2		
1-Methylnaphthalene	ND	ug/L	10.0	1		06/14/22 19:36	90-12-0		
2-Methylnaphthalene	ND	ug/L	10.0	1		06/14/22 19:36	91-57-6		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/14/22 19:36	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/14/22 19:36	1634-04-4		
Naphthalene	ND	ug/L	1.2	1		06/14/22 19:36	91-20-3		
n-Propylbenzene	ND	ug/L	5.0	1		06/14/22 19:36	103-65-1		
Styrene	ND	ug/L	5.0	1		06/14/22 19:36	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/14/22 19:36	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/14/22 19:36	79-34-5		
Tetrachloroethene	35.3	ug/L	5.0	1		06/14/22 19:36	127-18-4		
Toluene	ND	ug/L	5.0	1		06/14/22 19:36	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/14/22 19:36	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/14/22 19:36	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/14/22 19:36	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/14/22 19:36	79-00-5		
Trichloroethene	53.3	ug/L	5.0	1		06/14/22 19:36	79-01-6		
Trichlorofluoromethane	ND	ug/L	5.0	1		06/14/22 19:36	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/14/22 19:36	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/14/22 19:36	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/14/22 19:36	108-67-8		
Vinyl acetate	ND	ug/L	50.0	1		06/14/22 19:36	108-05-4		
Vinyl chloride	6.7	ug/L	2.0	1		06/14/22 19:36	75-01-4		
Xylene (Total)	ND	ug/L	10.0	1		06/14/22 19:36	1330-20-7		
Surrogates									
Dibromofluoromethane (S)	102	%.	82-128	1		06/14/22 19:36	1868-53-7		
4-Bromofluorobenzene (S)	97	%.	79-124	1		06/14/22 19:36	460-00-4		
Toluene-d8 (S)	98	%.	73-122	1		06/14/22 19:36	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-33D		Lab ID: 50318531012		Collected: 06/07/22 09:25		Received: 06/09/22 15:00		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260							
		Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1			06/14/22 20:05	67-64-1	L1
Acrolein	ND	ug/L	50.0	1			06/14/22 20:05	107-02-8	
Acrylonitrile	ND	ug/L	100	1			06/14/22 20:05	107-13-1	
Benzene	ND	ug/L	5.0	1			06/14/22 20:05	71-43-2	
Bromobenzene	ND	ug/L	5.0	1			06/14/22 20:05	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1			06/14/22 20:05	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1			06/14/22 20:05	75-27-4	
Bromoform	ND	ug/L	5.0	1			06/14/22 20:05	75-25-2	
Bromomethane	ND	ug/L	5.0	1			06/14/22 20:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1			06/14/22 20:05	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1			06/14/22 20:05	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1			06/14/22 20:05	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1			06/14/22 20:05	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1			06/14/22 20:05	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1			06/14/22 20:05	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1			06/14/22 20:05	108-90-7	
Chloroethane	ND	ug/L	5.0	1			06/14/22 20:05	75-00-3	
Chloroform	ND	ug/L	5.0	1			06/14/22 20:05	67-66-3	
Chloromethane	ND	ug/L	5.0	1			06/14/22 20:05	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1			06/14/22 20:05	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1			06/14/22 20:05	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1			06/14/22 20:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1			06/14/22 20:05	106-93-4	
Dibromomethane	ND	ug/L	5.0	1			06/14/22 20:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1			06/14/22 20:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1			06/14/22 20:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1			06/14/22 20:05	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1			06/14/22 20:05	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1			06/14/22 20:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1			06/14/22 20:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1			06/14/22 20:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1			06/14/22 20:05	75-35-4	
cis-1,2-Dichloroethene	5.7	ug/L	5.0	1			06/14/22 20:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1			06/14/22 20:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1			06/14/22 20:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1			06/14/22 20:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1			06/14/22 20:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1			06/14/22 20:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1			06/14/22 20:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1			06/14/22 20:05	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1			06/14/22 20:05	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1			06/14/22 20:05	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1			06/14/22 20:05	87-68-3	
n-Hexane	ND	ug/L	5.0	1			06/14/22 20:05	110-54-3	
2-Hexanone	ND	ug/L	25.0	1			06/14/22 20:05	591-78-6	
Iodomethane	ND	ug/L	10.0	1			06/14/22 20:05	74-88-4	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-33D		Lab ID: 50318531012	Collected: 06/07/22 09:25	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/14/22 20:05	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/14/22 20:05	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/14/22 20:05	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		06/14/22 20:05	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		06/14/22 20:05	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/14/22 20:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/14/22 20:05	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		06/14/22 20:05	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/14/22 20:05	103-65-1	
Styrene	ND	ug/L	5.0	1		06/14/22 20:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/14/22 20:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/14/22 20:05	79-34-5	
Tetrachloroethene	36.5	ug/L	5.0	1		06/14/22 20:05	127-18-4	
Toluene	ND	ug/L	5.0	1		06/14/22 20:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/14/22 20:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/14/22 20:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/14/22 20:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/14/22 20:05	79-00-5	
Trichloroethene	109	ug/L	5.0	1		06/14/22 20:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		06/14/22 20:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/14/22 20:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/14/22 20:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/14/22 20:05	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		06/14/22 20:05	108-05-4	L1
Vinyl chloride	ND	ug/L	2.0	1		06/14/22 20:05	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		06/14/22 20:05	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	82-128	1		06/14/22 20:05	1868-53-7	
4-Bromofluorobenzene (S)	99	%.	79-124	1		06/14/22 20:05	460-00-4	
Toluene-d8 (S)	100	%.	73-122	1		06/14/22 20:05	2037-26-5	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: Dup B		Lab ID: 50318531013	Collected: 06/07/22 08:00	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260						
		Pace Analytical Services - Indianapolis						
Acetone	ND	ug/L	100	1		06/14/22 20:35	67-64-1	L1
Acrolein	ND	ug/L	50.0	1		06/14/22 20:35	107-02-8	
Acrylonitrile	ND	ug/L	100	1		06/14/22 20:35	107-13-1	
Benzene	ND	ug/L	5.0	1		06/14/22 20:35	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/14/22 20:35	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/14/22 20:35	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/14/22 20:35	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/14/22 20:35	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/14/22 20:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		06/14/22 20:35	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		06/14/22 20:35	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/14/22 20:35	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/14/22 20:35	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		06/14/22 20:35	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		06/14/22 20:35	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/14/22 20:35	108-90-7	
Chloroethane	ND	ug/L	5.0	1		06/14/22 20:35	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/14/22 20:35	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/14/22 20:35	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/14/22 20:35	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/14/22 20:35	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		06/14/22 20:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/14/22 20:35	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		06/14/22 20:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/14/22 20:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/14/22 20:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/14/22 20:35	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/14/22 20:35	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/14/22 20:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/14/22 20:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/14/22 20:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/14/22 20:35	75-35-4	
cis-1,2-Dichloroethene	5.6	ug/L	5.0	1		06/14/22 20:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/14/22 20:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/14/22 20:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/14/22 20:35	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/14/22 20:35	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/14/22 20:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/14/22 20:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/14/22 20:35	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		06/14/22 20:35	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		06/14/22 20:35	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/14/22 20:35	87-68-3	
n-Hexane	ND	ug/L	5.0	1		06/14/22 20:35	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		06/14/22 20:35	591-78-6	
Iodomethane	ND	ug/L	10.0	1		06/14/22 20:35	74-88-4	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: Dup B		Lab ID: 50318531013	Collected: 06/07/22 08:00	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/14/22 20:35	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/14/22 20:35	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/14/22 20:35	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		06/14/22 20:35	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		06/14/22 20:35	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/14/22 20:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/14/22 20:35	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		06/14/22 20:35	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/14/22 20:35	103-65-1	
Styrene	ND	ug/L	5.0	1		06/14/22 20:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/14/22 20:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/14/22 20:35	79-34-5	
Tetrachloroethene	35.8	ug/L	5.0	1		06/14/22 20:35	127-18-4	
Toluene	ND	ug/L	5.0	1		06/14/22 20:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/14/22 20:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/14/22 20:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/14/22 20:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/14/22 20:35	79-00-5	
Trichloroethene	107	ug/L	5.0	1		06/14/22 20:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		06/14/22 20:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/14/22 20:35	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/14/22 20:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/14/22 20:35	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		06/14/22 20:35	108-05-4	L1
Vinyl chloride	ND	ug/L	2.0	1		06/14/22 20:35	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		06/14/22 20:35	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	82-128	1		06/14/22 20:35	1868-53-7	
4-Bromofluorobenzene (S)	99	%.	79-124	1		06/14/22 20:35	460-00-4	
Toluene-d8 (S)	100	%.	73-122	1		06/14/22 20:35	2037-26-5	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-461		Lab ID: 50318531014		Collected: 06/08/22 17:05		Received: 06/09/22 15:00		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260							
		Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1			06/14/22 21:04	67-64-1	L1
Acrolein	ND	ug/L	50.0	1			06/14/22 21:04	107-02-8	
Acrylonitrile	ND	ug/L	100	1			06/14/22 21:04	107-13-1	
Benzene	ND	ug/L	5.0	1			06/14/22 21:04	71-43-2	
Bromobenzene	ND	ug/L	5.0	1			06/14/22 21:04	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1			06/14/22 21:04	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1			06/14/22 21:04	75-27-4	
Bromoform	ND	ug/L	5.0	1			06/14/22 21:04	75-25-2	
Bromomethane	ND	ug/L	5.0	1			06/14/22 21:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1			06/14/22 21:04	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1			06/14/22 21:04	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1			06/14/22 21:04	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1			06/14/22 21:04	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1			06/14/22 21:04	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1			06/14/22 21:04	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1			06/14/22 21:04	108-90-7	
Chloroethane	ND	ug/L	5.0	1			06/14/22 21:04	75-00-3	
Chloroform	ND	ug/L	5.0	1			06/14/22 21:04	67-66-3	
Chloromethane	ND	ug/L	5.0	1			06/14/22 21:04	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1			06/14/22 21:04	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1			06/14/22 21:04	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1			06/14/22 21:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1			06/14/22 21:04	106-93-4	
Dibromomethane	ND	ug/L	5.0	1			06/14/22 21:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1			06/14/22 21:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1			06/14/22 21:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1			06/14/22 21:04	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1			06/14/22 21:04	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1			06/14/22 21:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1			06/14/22 21:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1			06/14/22 21:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1			06/14/22 21:04	75-35-4	
cis-1,2-Dichloroethene	46.3	ug/L	5.0	1			06/14/22 21:04	156-59-2	
trans-1,2-Dichloroethene	5.0	ug/L	5.0	1			06/14/22 21:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1			06/14/22 21:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1			06/14/22 21:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1			06/14/22 21:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1			06/14/22 21:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1			06/14/22 21:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1			06/14/22 21:04	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1			06/14/22 21:04	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1			06/14/22 21:04	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1			06/14/22 21:04	87-68-3	
n-Hexane	ND	ug/L	5.0	1			06/14/22 21:04	110-54-3	
2-Hexanone	ND	ug/L	25.0	1			06/14/22 21:04	591-78-6	
Iodomethane	ND	ug/L	10.0	1			06/14/22 21:04	74-88-4	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-46I		Lab ID: 50318531014		Collected: 06/08/22 17:05		Received: 06/09/22 15:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/14/22 21:04	98-82-8		
p-Isopropyltoluene	ND	ug/L	5.0	1		06/14/22 21:04	99-87-6		
Methylene Chloride	ND	ug/L	5.0	1		06/14/22 21:04	75-09-2		
1-Methylnaphthalene	ND	ug/L	10.0	1		06/14/22 21:04	90-12-0		
2-Methylnaphthalene	ND	ug/L	10.0	1		06/14/22 21:04	91-57-6		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/14/22 21:04	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/14/22 21:04	1634-04-4		
Naphthalene	ND	ug/L	1.2	1		06/14/22 21:04	91-20-3		
n-Propylbenzene	ND	ug/L	5.0	1		06/14/22 21:04	103-65-1		
Styrene	ND	ug/L	5.0	1		06/14/22 21:04	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/14/22 21:04	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/14/22 21:04	79-34-5		
Tetrachloroethene	ND	ug/L	5.0	1		06/14/22 21:04	127-18-4		
Toluene	ND	ug/L	5.0	1		06/14/22 21:04	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/14/22 21:04	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/14/22 21:04	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/14/22 21:04	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/14/22 21:04	79-00-5		
Trichloroethene	29.8	ug/L	5.0	1		06/14/22 21:04	79-01-6		
Trichlorofluoromethane	ND	ug/L	5.0	1		06/14/22 21:04	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/14/22 21:04	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/14/22 21:04	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/14/22 21:04	108-67-8		
Vinyl acetate	ND	ug/L	50.0	1		06/14/22 21:04	108-05-4	L1	
Vinyl chloride	ND	ug/L	2.0	1		06/14/22 21:04	75-01-4		
Xylene (Total)	ND	ug/L	10.0	1		06/14/22 21:04	1330-20-7		
Surrogates									
Dibromofluoromethane (S)	102	%	82-128	1		06/14/22 21:04	1868-53-7		
4-Bromofluorobenzene (S)	98	%	79-124	1		06/14/22 21:04	460-00-4		
Toluene-d8 (S)	99	%	73-122	1		06/14/22 21:04	2037-26-5		

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-40		Lab ID: 50318531015		Collected: 06/07/22 15:30		Received: 06/09/22 15:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		06/15/22 14:17	67-64-1	L1	
Acrolein	ND	ug/L	50.0	1		06/15/22 14:17	107-02-8		
Acrylonitrile	ND	ug/L	100	1		06/15/22 14:17	107-13-1		
Benzene	ND	ug/L	5.0	1		06/15/22 14:17	71-43-2		
Bromobenzene	ND	ug/L	5.0	1		06/15/22 14:17	108-86-1		
Bromochloromethane	ND	ug/L	5.0	1		06/15/22 14:17	74-97-5		
Bromodichloromethane	ND	ug/L	5.0	1		06/15/22 14:17	75-27-4		
Bromoform	ND	ug/L	5.0	1		06/15/22 14:17	75-25-2		
Bromomethane	ND	ug/L	5.0	1		06/15/22 14:17	74-83-9		
2-Butanone (MEK)	ND	ug/L	25.0	1		06/15/22 14:17	78-93-3		
n-Butylbenzene	ND	ug/L	5.0	1		06/15/22 14:17	104-51-8		
sec-Butylbenzene	ND	ug/L	5.0	1		06/15/22 14:17	135-98-8		
tert-Butylbenzene	ND	ug/L	5.0	1		06/15/22 14:17	98-06-6		
Carbon disulfide	ND	ug/L	10.0	1		06/15/22 14:17	75-15-0		
Carbon tetrachloride	ND	ug/L	5.0	1		06/15/22 14:17	56-23-5		
Chlorobenzene	ND	ug/L	5.0	1		06/15/22 14:17	108-90-7		
Chloroethane	ND	ug/L	5.0	1		06/15/22 14:17	75-00-3		
Chloroform	ND	ug/L	5.0	1		06/15/22 14:17	67-66-3		
Chloromethane	ND	ug/L	5.0	1		06/15/22 14:17	74-87-3		
2-Chlorotoluene	ND	ug/L	5.0	1		06/15/22 14:17	95-49-8		
4-Chlorotoluene	ND	ug/L	5.0	1		06/15/22 14:17	106-43-4		
Dibromochloromethane	ND	ug/L	5.0	1		06/15/22 14:17	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/15/22 14:17	106-93-4		
Dibromomethane	ND	ug/L	5.0	1		06/15/22 14:17	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 14:17	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 14:17	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 14:17	106-46-7		
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/15/22 14:17	110-57-6		
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/15/22 14:17	75-71-8		
1,1-Dichloroethane	ND	ug/L	5.0	1		06/15/22 14:17	75-34-3		
1,2-Dichloroethane	ND	ug/L	5.0	1		06/15/22 14:17	107-06-2		
1,1-Dichloroethene	ND	ug/L	5.0	1		06/15/22 14:17	75-35-4		
cis-1,2-Dichloroethene	50.9	ug/L	5.0	1		06/15/22 14:17	156-59-2		
trans-1,2-Dichloroethene	44.6	ug/L	5.0	1		06/15/22 14:17	156-60-5		
1,2-Dichloropropane	ND	ug/L	5.0	1		06/15/22 14:17	78-87-5		
1,3-Dichloropropane	ND	ug/L	5.0	1		06/15/22 14:17	142-28-9		
2,2-Dichloropropane	ND	ug/L	5.0	1		06/15/22 14:17	594-20-7		
1,1-Dichloropropene	ND	ug/L	5.0	1		06/15/22 14:17	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/15/22 14:17	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/15/22 14:17	10061-02-6		
Ethylbenzene	ND	ug/L	5.0	1		06/15/22 14:17	100-41-4		
Ethyl methacrylate	ND	ug/L	100	1		06/15/22 14:17	97-63-2		
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/15/22 14:17	87-68-3		
n-Hexane	ND	ug/L	5.0	1		06/15/22 14:17	110-54-3		
2-Hexanone	ND	ug/L	25.0	1		06/15/22 14:17	591-78-6		
Iodomethane	ND	ug/L	10.0	1		06/15/22 14:17	74-88-4		

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-40		Lab ID: 50318531015		Collected: 06/07/22 15:30		Received: 06/09/22 15:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Indiana		Analytical Method: EPA 5030/8260							
		Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/15/22 14:17	98-82-8		
p-Isopropyltoluene	ND	ug/L	5.0	1		06/15/22 14:17	99-87-6		
Methylene Chloride	ND	ug/L	5.0	1		06/15/22 14:17	75-09-2		
1-Methylnaphthalene	ND	ug/L	10.0	1		06/15/22 14:17	90-12-0		
2-Methylnaphthalene	ND	ug/L	10.0	1		06/15/22 14:17	91-57-6		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/15/22 14:17	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/15/22 14:17	1634-04-4		
Naphthalene	ND	ug/L	1.2	1		06/15/22 14:17	91-20-3		
n-Propylbenzene	ND	ug/L	5.0	1		06/15/22 14:17	103-65-1		
Styrene	ND	ug/L	5.0	1		06/15/22 14:17	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/15/22 14:17	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/15/22 14:17	79-34-5		
Tetrachloroethene	ND	ug/L	5.0	1		06/15/22 14:17	127-18-4		
Toluene	ND	ug/L	5.0	1		06/15/22 14:17	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/15/22 14:17	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/15/22 14:17	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/15/22 14:17	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/15/22 14:17	79-00-5		
Trichloroethene	212	ug/L	5.0	1		06/15/22 14:17	79-01-6		
Trichlorofluoromethane	ND	ug/L	5.0	1		06/15/22 14:17	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/15/22 14:17	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/15/22 14:17	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/15/22 14:17	108-67-8		
Vinyl acetate	ND	ug/L	50.0	1		06/15/22 14:17	108-05-4		
Vinyl chloride	ND	ug/L	2.0	1		06/15/22 14:17	75-01-4		
Xylene (Total)	ND	ug/L	10.0	1		06/15/22 14:17	1330-20-7		
Surrogates									
Dibromofluoromethane (S)	102	%	82-128	1		06/15/22 14:17	1868-53-7		
4-Bromofluorobenzene (S)	98	%	79-124	1		06/15/22 14:17	460-00-4		
Toluene-d8 (S)	98	%	73-122	1		06/15/22 14:17	2037-26-5		

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-40D		Lab ID: 50318531016		Collected: 06/07/22 14:55		Received: 06/09/22 15:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Indiana		Analytical Method: EPA 5030/8260							
		Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		06/15/22 14:47	67-64-1	L1	
Acrolein	ND	ug/L	50.0	1		06/15/22 14:47	107-02-8		
Acrylonitrile	ND	ug/L	100	1		06/15/22 14:47	107-13-1		
Benzene	ND	ug/L	5.0	1		06/15/22 14:47	71-43-2		
Bromobenzene	ND	ug/L	5.0	1		06/15/22 14:47	108-86-1		
Bromochloromethane	ND	ug/L	5.0	1		06/15/22 14:47	74-97-5		
Bromodichloromethane	ND	ug/L	5.0	1		06/15/22 14:47	75-27-4		
Bromoform	ND	ug/L	5.0	1		06/15/22 14:47	75-25-2		
Bromomethane	ND	ug/L	5.0	1		06/15/22 14:47	74-83-9		
2-Butanone (MEK)	ND	ug/L	25.0	1		06/15/22 14:47	78-93-3		
n-Butylbenzene	ND	ug/L	5.0	1		06/15/22 14:47	104-51-8		
sec-Butylbenzene	ND	ug/L	5.0	1		06/15/22 14:47	135-98-8		
tert-Butylbenzene	ND	ug/L	5.0	1		06/15/22 14:47	98-06-6		
Carbon disulfide	ND	ug/L	10.0	1		06/15/22 14:47	75-15-0		
Carbon tetrachloride	ND	ug/L	5.0	1		06/15/22 14:47	56-23-5		
Chlorobenzene	ND	ug/L	5.0	1		06/15/22 14:47	108-90-7		
Chloroethane	ND	ug/L	5.0	1		06/15/22 14:47	75-00-3		
Chloroform	ND	ug/L	5.0	1		06/15/22 14:47	67-66-3		
Chloromethane	ND	ug/L	5.0	1		06/15/22 14:47	74-87-3		
2-Chlorotoluene	ND	ug/L	5.0	1		06/15/22 14:47	95-49-8		
4-Chlorotoluene	ND	ug/L	5.0	1		06/15/22 14:47	106-43-4		
Dibromochloromethane	ND	ug/L	5.0	1		06/15/22 14:47	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/15/22 14:47	106-93-4		
Dibromomethane	ND	ug/L	5.0	1		06/15/22 14:47	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 14:47	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 14:47	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 14:47	106-46-7		
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/15/22 14:47	110-57-6		
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/15/22 14:47	75-71-8		
1,1-Dichloroethane	ND	ug/L	5.0	1		06/15/22 14:47	75-34-3		
1,2-Dichloroethane	ND	ug/L	5.0	1		06/15/22 14:47	107-06-2		
1,1-Dichloroethene	ND	ug/L	5.0	1		06/15/22 14:47	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		06/15/22 14:47	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/15/22 14:47	156-60-5		
1,2-Dichloropropane	ND	ug/L	5.0	1		06/15/22 14:47	78-87-5		
1,3-Dichloropropane	ND	ug/L	5.0	1		06/15/22 14:47	142-28-9		
2,2-Dichloropropane	ND	ug/L	5.0	1		06/15/22 14:47	594-20-7		
1,1-Dichloropropene	ND	ug/L	5.0	1		06/15/22 14:47	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/15/22 14:47	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/15/22 14:47	10061-02-6		
Ethylbenzene	ND	ug/L	5.0	1		06/15/22 14:47	100-41-4		
Ethyl methacrylate	ND	ug/L	100	1		06/15/22 14:47	97-63-2		
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/15/22 14:47	87-68-3		
n-Hexane	ND	ug/L	5.0	1		06/15/22 14:47	110-54-3		
2-Hexanone	ND	ug/L	25.0	1		06/15/22 14:47	591-78-6		
Iodomethane	ND	ug/L	10.0	1		06/15/22 14:47	74-88-4		

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-40D		Lab ID: 50318531016		Collected: 06/07/22 14:55		Received: 06/09/22 15:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Indiana	Analytical Method: EPA 5030/8260								
	Pace Analytical Services - Indianapolis								
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/15/22 14:47	98-82-8		
p-Isopropyltoluene	ND	ug/L	5.0	1		06/15/22 14:47	99-87-6		
Methylene Chloride	ND	ug/L	5.0	1		06/15/22 14:47	75-09-2		
1-Methylnaphthalene	ND	ug/L	10.0	1		06/15/22 14:47	90-12-0		
2-Methylnaphthalene	ND	ug/L	10.0	1		06/15/22 14:47	91-57-6		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/15/22 14:47	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/15/22 14:47	1634-04-4		
Naphthalene	ND	ug/L	1.2	1		06/15/22 14:47	91-20-3		
n-Propylbenzene	ND	ug/L	5.0	1		06/15/22 14:47	103-65-1		
Styrene	ND	ug/L	5.0	1		06/15/22 14:47	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/15/22 14:47	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/15/22 14:47	79-34-5		
Tetrachloroethene	ND	ug/L	5.0	1		06/15/22 14:47	127-18-4		
Toluene	ND	ug/L	5.0	1		06/15/22 14:47	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/15/22 14:47	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/15/22 14:47	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/15/22 14:47	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/15/22 14:47	79-00-5		
Trichloroethene	ND	ug/L	5.0	1		06/15/22 14:47	79-01-6		
Trichlorofluoromethane	ND	ug/L	5.0	1		06/15/22 14:47	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/15/22 14:47	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/15/22 14:47	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/15/22 14:47	108-67-8		
Vinyl acetate	ND	ug/L	50.0	1		06/15/22 14:47	108-05-4		
Vinyl chloride	ND	ug/L	2.0	1		06/15/22 14:47	75-01-4		
Xylene (Total)	ND	ug/L	10.0	1		06/15/22 14:47	1330-20-7		
Surrogates									
Dibromofluoromethane (S)	103	%.	82-128	1		06/15/22 14:47	1868-53-7		
4-Bromofluorobenzene (S)	99	%.	79-124	1		06/15/22 14:47	460-00-4		
Toluene-d8 (S)	99	%.	73-122	1		06/15/22 14:47	2037-26-5		

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-24		Lab ID: 50318531017	Collected: 06/07/22 16:15	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260						
		Pace Analytical Services - Indianapolis						
Acetone	ND	ug/L	100	1		06/15/22 15:16	67-64-1	
Acrolein	ND	ug/L	50.0	1		06/15/22 15:16	107-02-8	
Acrylonitrile	ND	ug/L	100	1		06/15/22 15:16	107-13-1	
Benzene	ND	ug/L	5.0	1		06/15/22 15:16	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/15/22 15:16	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/15/22 15:16	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/15/22 15:16	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/15/22 15:16	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/15/22 15:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		06/15/22 15:16	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		06/15/22 15:16	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/15/22 15:16	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/15/22 15:16	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		06/15/22 15:16	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		06/15/22 15:16	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/15/22 15:16	108-90-7	
Chloroethane	ND	ug/L	5.0	1		06/15/22 15:16	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/15/22 15:16	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/15/22 15:16	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/15/22 15:16	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/15/22 15:16	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		06/15/22 15:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/15/22 15:16	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		06/15/22 15:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 15:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 15:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 15:16	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/15/22 15:16	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/15/22 15:16	75-71-8	L1
1,1-Dichloroethane	ND	ug/L	5.0	1		06/15/22 15:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/15/22 15:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/15/22 15:16	75-35-4	
cis-1,2-Dichloroethene	110	ug/L	5.0	1		06/15/22 15:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/15/22 15:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/15/22 15:16	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/15/22 15:16	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/15/22 15:16	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/15/22 15:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/15/22 15:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/15/22 15:16	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		06/15/22 15:16	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		06/15/22 15:16	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/15/22 15:16	87-68-3	
n-Hexane	ND	ug/L	5.0	1		06/15/22 15:16	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		06/15/22 15:16	591-78-6	
Iodomethane	ND	ug/L	10.0	1		06/15/22 15:16	74-88-4	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-24		Lab ID: 50318531017	Collected: 06/07/22 16:15	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/15/22 15:16	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/15/22 15:16	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/15/22 15:16	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		06/15/22 15:16	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		06/15/22 15:16	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/15/22 15:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/15/22 15:16	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		06/15/22 15:16	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/15/22 15:16	103-65-1	
Styrene	ND	ug/L	5.0	1		06/15/22 15:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/15/22 15:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/15/22 15:16	79-34-5	
Tetrachloroethene	95.0	ug/L	5.0	1		06/15/22 15:16	127-18-4	
Toluene	ND	ug/L	5.0	1		06/15/22 15:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/15/22 15:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/15/22 15:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/15/22 15:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/15/22 15:16	79-00-5	
Trichloroethene	51.1	ug/L	5.0	1		06/15/22 15:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		06/15/22 15:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/15/22 15:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/15/22 15:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/15/22 15:16	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		06/15/22 15:16	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		06/15/22 15:16	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		06/15/22 15:16	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	82-128	1		06/15/22 15:16	1868-53-7	
4-Bromofluorobenzene (S)	98	%.	79-124	1		06/15/22 15:16	460-00-4	
Toluene-d8 (S)	97	%.	73-122	1		06/15/22 15:16	2037-26-5	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-22		Lab ID: 50318531018	Collected: 06/08/22 09:50	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Acetone	ND	ug/L	100	1		06/15/22 22:07	67-64-1	
Acrolein	ND	ug/L	50.0	1		06/15/22 22:07	107-02-8	
Acrylonitrile	ND	ug/L	100	1		06/15/22 22:07	107-13-1	
Benzene	ND	ug/L	5.0	1		06/15/22 22:07	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/15/22 22:07	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/15/22 22:07	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/15/22 22:07	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/15/22 22:07	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/15/22 22:07	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		06/15/22 22:07	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		06/15/22 22:07	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/15/22 22:07	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/15/22 22:07	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		06/15/22 22:07	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		06/15/22 22:07	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/15/22 22:07	108-90-7	
Chloroethane	ND	ug/L	5.0	1		06/15/22 22:07	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/15/22 22:07	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/15/22 22:07	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/15/22 22:07	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/15/22 22:07	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		06/15/22 22:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/15/22 22:07	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		06/15/22 22:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 22:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 22:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 22:07	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/15/22 22:07	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/15/22 22:07	75-71-8	L1,M0
1,1-Dichloroethane	ND	ug/L	5.0	1		06/15/22 22:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/15/22 22:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/15/22 22:07	75-35-4	
cis-1,2-Dichloroethene	131	ug/L	5.0	1		06/15/22 22:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/15/22 22:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/15/22 22:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/15/22 22:07	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/15/22 22:07	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/15/22 22:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/15/22 22:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/15/22 22:07	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		06/15/22 22:07	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		06/15/22 22:07	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/15/22 22:07	87-68-3	
n-Hexane	ND	ug/L	5.0	1		06/15/22 22:07	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		06/15/22 22:07	591-78-6	
Iodomethane	ND	ug/L	10.0	1		06/15/22 22:07	74-88-4	R1

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-22		Lab ID: 50318531018		Collected: 06/08/22 09:50		Received: 06/09/22 15:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/15/22 22:07	98-82-8		
p-Isopropyltoluene	ND	ug/L	5.0	1		06/15/22 22:07	99-87-6		
Methylene Chloride	ND	ug/L	5.0	1		06/15/22 22:07	75-09-2		
1-Methylnaphthalene	ND	ug/L	10.0	1		06/15/22 22:07	90-12-0		
2-Methylnaphthalene	ND	ug/L	10.0	1		06/15/22 22:07	91-57-6		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/15/22 22:07	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/15/22 22:07	1634-04-4		
Naphthalene	ND	ug/L	1.2	1		06/15/22 22:07	91-20-3		
n-Propylbenzene	ND	ug/L	5.0	1		06/15/22 22:07	103-65-1		
Styrene	ND	ug/L	5.0	1		06/15/22 22:07	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/15/22 22:07	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/15/22 22:07	79-34-5		
Tetrachloroethene	5.8	ug/L	5.0	1		06/15/22 22:07	127-18-4		
Toluene	ND	ug/L	5.0	1		06/15/22 22:07	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/15/22 22:07	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/15/22 22:07	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/15/22 22:07	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/15/22 22:07	79-00-5		
Trichloroethene	38.1	ug/L	5.0	1		06/15/22 22:07	79-01-6		
Trichlorofluoromethane	ND	ug/L	5.0	1		06/15/22 22:07	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/15/22 22:07	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/15/22 22:07	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/15/22 22:07	108-67-8		
Vinyl acetate	ND	ug/L	50.0	1		06/15/22 22:07	108-05-4		
Vinyl chloride	6.7	ug/L	2.0	1		06/16/22 16:12	75-01-4		
Xylene (Total)	ND	ug/L	10.0	1		06/15/22 22:07	1330-20-7		
Surrogates									
Dibromofluoromethane (S)	101	%	82-128	1		06/15/22 22:07	1868-53-7		
4-Bromofluorobenzene (S)	100	%	79-124	1		06/15/22 22:07	460-00-4		
Toluene-d8 (S)	100	%	73-122	1		06/15/22 22:07	2037-26-5		

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-22D		Lab ID: 50318531019	Collected: 06/08/22 09:10	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Acetone	ND	ug/L	100	1		06/16/22 16:42	67-64-1	
Acrolein	ND	ug/L	50.0	1		06/16/22 16:42	107-02-8	
Acrylonitrile	ND	ug/L	100	1		06/16/22 16:42	107-13-1	
Benzene	ND	ug/L	5.0	1		06/16/22 16:42	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/16/22 16:42	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/16/22 16:42	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/16/22 16:42	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/16/22 16:42	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/16/22 16:42	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		06/16/22 16:42	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		06/16/22 16:42	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/16/22 16:42	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/16/22 16:42	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		06/16/22 16:42	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		06/16/22 16:42	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/16/22 16:42	108-90-7	
Chloroethane	ND	ug/L	5.0	1		06/16/22 16:42	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/16/22 16:42	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/16/22 16:42	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/16/22 16:42	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/16/22 16:42	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		06/16/22 16:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/16/22 16:42	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		06/16/22 16:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/16/22 16:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/16/22 16:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/16/22 16:42	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/16/22 16:42	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/16/22 16:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/16/22 16:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/16/22 16:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/16/22 16:42	75-35-4	
cis-1,2-Dichloroethene	61.9	ug/L	5.0	1		06/16/22 16:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/16/22 16:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/16/22 16:42	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/16/22 16:42	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/16/22 16:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/16/22 16:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/16/22 16:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/16/22 16:42	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		06/16/22 16:42	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		06/16/22 16:42	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/16/22 16:42	87-68-3	
n-Hexane	ND	ug/L	5.0	1		06/16/22 16:42	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		06/16/22 16:42	591-78-6	
Iodomethane	ND	ug/L	10.0	1		06/16/22 16:42	74-88-4	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-22D		Lab ID: 50318531019		Collected: 06/08/22 09:10		Received: 06/09/22 15:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/16/22 16:42	98-82-8		
p-Isopropyltoluene	ND	ug/L	5.0	1		06/16/22 16:42	99-87-6		
Methylene Chloride	ND	ug/L	5.0	1		06/16/22 16:42	75-09-2	L2	
1-Methylnaphthalene	ND	ug/L	10.0	1		06/16/22 16:42	90-12-0	L1	
2-Methylnaphthalene	ND	ug/L	10.0	1		06/16/22 16:42	91-57-6	L1	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/16/22 16:42	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/16/22 16:42	1634-04-4		
Naphthalene	ND	ug/L	1.2	1		06/16/22 16:42	91-20-3		
n-Propylbenzene	ND	ug/L	5.0	1		06/16/22 16:42	103-65-1		
Styrene	ND	ug/L	5.0	1		06/16/22 16:42	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/16/22 16:42	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/16/22 16:42	79-34-5		
Tetrachloroethene	13.6	ug/L	5.0	1		06/16/22 16:42	127-18-4		
Toluene	ND	ug/L	5.0	1		06/16/22 16:42	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/16/22 16:42	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/16/22 16:42	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/16/22 16:42	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/16/22 16:42	79-00-5		
Trichloroethene	41.4	ug/L	5.0	1		06/16/22 16:42	79-01-6		
Trichlorofluoromethane	ND	ug/L	5.0	1		06/16/22 16:42	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/16/22 16:42	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/16/22 16:42	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/16/22 16:42	108-67-8		
Vinyl acetate	ND	ug/L	50.0	1		06/16/22 16:42	108-05-4		
Vinyl chloride	2.9	ug/L	2.0	1		06/16/22 16:42	75-01-4		
Xylene (Total)	ND	ug/L	10.0	1		06/16/22 16:42	1330-20-7		
Surrogates									
Dibromofluoromethane (S)	98	%.	82-128	1		06/16/22 16:42	1868-53-7		
4-Bromofluorobenzene (S)	97	%.	79-124	1		06/16/22 16:42	460-00-4		
Toluene-d8 (S)	100	%.	73-122	1		06/16/22 16:42	2037-26-5		

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-29		Lab ID: 50318531020		Collected: 06/08/22 10:25		Received: 06/09/22 15:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Indiana		Analytical Method: EPA 5030/8260							
		Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		06/15/22 16:15	67-64-1		
Acrolein	ND	ug/L	50.0	1		06/15/22 16:15	107-02-8		
Acrylonitrile	ND	ug/L	100	1		06/15/22 16:15	107-13-1		
Benzene	ND	ug/L	5.0	1		06/15/22 16:15	71-43-2		
Bromobenzene	ND	ug/L	5.0	1		06/15/22 16:15	108-86-1		
Bromochloromethane	ND	ug/L	5.0	1		06/15/22 16:15	74-97-5		
Bromodichloromethane	ND	ug/L	5.0	1		06/15/22 16:15	75-27-4		
Bromoform	ND	ug/L	5.0	1		06/15/22 16:15	75-25-2		
Bromomethane	ND	ug/L	5.0	1		06/15/22 16:15	74-83-9		
2-Butanone (MEK)	ND	ug/L	25.0	1		06/15/22 16:15	78-93-3		
n-Butylbenzene	ND	ug/L	5.0	1		06/15/22 16:15	104-51-8		
sec-Butylbenzene	ND	ug/L	5.0	1		06/15/22 16:15	135-98-8		
tert-Butylbenzene	ND	ug/L	5.0	1		06/15/22 16:15	98-06-6		
Carbon disulfide	ND	ug/L	10.0	1		06/15/22 16:15	75-15-0		
Carbon tetrachloride	ND	ug/L	5.0	1		06/15/22 16:15	56-23-5		
Chlorobenzene	ND	ug/L	5.0	1		06/15/22 16:15	108-90-7		
Chloroethane	ND	ug/L	5.0	1		06/15/22 16:15	75-00-3		
Chloroform	ND	ug/L	5.0	1		06/15/22 16:15	67-66-3		
Chloromethane	ND	ug/L	5.0	1		06/15/22 16:15	74-87-3		
2-Chlorotoluene	ND	ug/L	5.0	1		06/15/22 16:15	95-49-8		
4-Chlorotoluene	ND	ug/L	5.0	1		06/15/22 16:15	106-43-4		
Dibromochloromethane	ND	ug/L	5.0	1		06/15/22 16:15	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/15/22 16:15	106-93-4		
Dibromomethane	ND	ug/L	5.0	1		06/15/22 16:15	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 16:15	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 16:15	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 16:15	106-46-7		
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/15/22 16:15	110-57-6		
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/15/22 16:15	75-71-8	L1	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/15/22 16:15	75-34-3		
1,2-Dichloroethane	ND	ug/L	5.0	1		06/15/22 16:15	107-06-2		
1,1-Dichloroethene	ND	ug/L	5.0	1		06/15/22 16:15	75-35-4		
cis-1,2-Dichloroethene	67.0	ug/L	5.0	1		06/15/22 16:15	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/15/22 16:15	156-60-5		
1,2-Dichloropropane	ND	ug/L	5.0	1		06/15/22 16:15	78-87-5		
1,3-Dichloropropane	ND	ug/L	5.0	1		06/15/22 16:15	142-28-9		
2,2-Dichloropropane	ND	ug/L	5.0	1		06/15/22 16:15	594-20-7		
1,1-Dichloropropene	ND	ug/L	5.0	1		06/15/22 16:15	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/15/22 16:15	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/15/22 16:15	10061-02-6		
Ethylbenzene	ND	ug/L	5.0	1		06/15/22 16:15	100-41-4		
Ethyl methacrylate	ND	ug/L	100	1		06/15/22 16:15	97-63-2		
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/15/22 16:15	87-68-3		
n-Hexane	ND	ug/L	5.0	1		06/15/22 16:15	110-54-3		
2-Hexanone	ND	ug/L	25.0	1		06/15/22 16:15	591-78-6		
Iodomethane	ND	ug/L	10.0	1		06/15/22 16:15	74-88-4		

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-29		Lab ID: 50318531020		Collected: 06/08/22 10:25		Received: 06/09/22 15:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Indiana	Analytical Method: EPA 5030/8260								
	Pace Analytical Services - Indianapolis								
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/15/22 16:15	98-82-8		
p-Isopropyltoluene	ND	ug/L	5.0	1		06/15/22 16:15	99-87-6		
Methylene Chloride	ND	ug/L	5.0	1		06/15/22 16:15	75-09-2		
1-Methylnaphthalene	ND	ug/L	10.0	1		06/15/22 16:15	90-12-0		
2-Methylnaphthalene	ND	ug/L	10.0	1		06/15/22 16:15	91-57-6		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/15/22 16:15	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/15/22 16:15	1634-04-4		
Naphthalene	ND	ug/L	1.2	1		06/15/22 16:15	91-20-3		
n-Propylbenzene	ND	ug/L	5.0	1		06/15/22 16:15	103-65-1		
Styrene	ND	ug/L	5.0	1		06/15/22 16:15	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/15/22 16:15	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/15/22 16:15	79-34-5		
Tetrachloroethene	ND	ug/L	5.0	1		06/15/22 16:15	127-18-4		
Toluene	ND	ug/L	5.0	1		06/15/22 16:15	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/15/22 16:15	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/15/22 16:15	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/15/22 16:15	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/15/22 16:15	79-00-5		
Trichloroethene	ND	ug/L	5.0	1		06/15/22 16:15	79-01-6		
Trichlorofluoromethane	ND	ug/L	5.0	1		06/15/22 16:15	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/15/22 16:15	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/15/22 16:15	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/15/22 16:15	108-67-8		
Vinyl acetate	ND	ug/L	50.0	1		06/15/22 16:15	108-05-4		
Vinyl chloride	ND	ug/L	2.0	1		06/15/22 16:15	75-01-4		
Xylene (Total)	ND	ug/L	10.0	1		06/15/22 16:15	1330-20-7		
Surrogates									
Dibromofluoromethane (S)	102	%.	82-128	1		06/15/22 16:15	1868-53-7		
4-Bromofluorobenzene (S)	97	%.	79-124	1		06/15/22 16:15	460-00-4		
Toluene-d8 (S)	98	%.	73-122	1		06/15/22 16:15	2037-26-5		

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-29D		Lab ID: 50318531021	Collected: 06/08/22 10:55	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Acetone	ND	ug/L	100	1		06/15/22 16:44	67-64-1	
Acrolein	ND	ug/L	50.0	1		06/15/22 16:44	107-02-8	
Acrylonitrile	ND	ug/L	100	1		06/15/22 16:44	107-13-1	
Benzene	ND	ug/L	5.0	1		06/15/22 16:44	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/15/22 16:44	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/15/22 16:44	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/15/22 16:44	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/15/22 16:44	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/15/22 16:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		06/15/22 16:44	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		06/15/22 16:44	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/15/22 16:44	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/15/22 16:44	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		06/15/22 16:44	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		06/15/22 16:44	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/15/22 16:44	108-90-7	
Chloroethane	ND	ug/L	5.0	1		06/15/22 16:44	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/15/22 16:44	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/15/22 16:44	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/15/22 16:44	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/15/22 16:44	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		06/15/22 16:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/15/22 16:44	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		06/15/22 16:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 16:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 16:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 16:44	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/15/22 16:44	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/15/22 16:44	75-71-8	L1
1,1-Dichloroethane	ND	ug/L	5.0	1		06/15/22 16:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/15/22 16:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/15/22 16:44	75-35-4	
cis-1,2-Dichloroethene	75.3	ug/L	5.0	1		06/15/22 16:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/15/22 16:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/15/22 16:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/15/22 16:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/15/22 16:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/15/22 16:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/15/22 16:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/15/22 16:44	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		06/15/22 16:44	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		06/15/22 16:44	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/15/22 16:44	87-68-3	
n-Hexane	ND	ug/L	5.0	1		06/15/22 16:44	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		06/15/22 16:44	591-78-6	
Iodomethane	ND	ug/L	10.0	1		06/15/22 16:44	74-88-4	

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ANALYTICAL RESULTS

Project: HRID 2Q2022
Pace Project No.: 50318531

Sample: MW-29D		Lab ID: 50318531021	Collected: 06/08/22 10:55	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/15/22 16:44	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/15/22 16:44	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/15/22 16:44	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		06/15/22 16:44	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		06/15/22 16:44	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/15/22 16:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/15/22 16:44	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		06/15/22 16:44	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/15/22 16:44	103-65-1	
Styrene	ND	ug/L	5.0	1		06/15/22 16:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/15/22 16:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/15/22 16:44	79-34-5	
Tetrachloroethene	19.2	ug/L	5.0	1		06/15/22 16:44	127-18-4	
Toluene	ND	ug/L	5.0	1		06/15/22 16:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/15/22 16:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/15/22 16:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/15/22 16:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/15/22 16:44	79-00-5	
Trichloroethene	143	ug/L	5.0	1		06/15/22 16:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		06/15/22 16:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/15/22 16:44	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/15/22 16:44	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/15/22 16:44	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		06/15/22 16:44	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		06/15/22 16:44	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		06/15/22 16:44	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%	82-128	1		06/15/22 16:44	1868-53-7	
4-Bromofluorobenzene (S)	99	%	79-124	1		06/15/22 16:44	460-00-4	
Toluene-d8 (S)	99	%	73-122	1		06/15/22 16:44	2037-26-5	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-41		Lab ID: 50318531022	Collected: 06/08/22 12:25	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Acetone	ND	ug/L	100	1		06/16/22 17:11	67-64-1	
Acrolein	ND	ug/L	50.0	1		06/16/22 17:11	107-02-8	
Acrylonitrile	ND	ug/L	100	1		06/16/22 17:11	107-13-1	
Benzene	ND	ug/L	5.0	1		06/16/22 17:11	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/16/22 17:11	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/16/22 17:11	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/16/22 17:11	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/16/22 17:11	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/16/22 17:11	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		06/16/22 17:11	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		06/16/22 17:11	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/16/22 17:11	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/16/22 17:11	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		06/16/22 17:11	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		06/16/22 17:11	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/16/22 17:11	108-90-7	
Chloroethane	ND	ug/L	5.0	1		06/16/22 17:11	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/16/22 17:11	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/16/22 17:11	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/16/22 17:11	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/16/22 17:11	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		06/16/22 17:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/16/22 17:11	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		06/16/22 17:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/16/22 17:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/16/22 17:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/16/22 17:11	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/16/22 17:11	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/16/22 17:11	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/16/22 17:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/16/22 17:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/16/22 17:11	75-35-4	
cis-1,2-Dichloroethene	84.1	ug/L	5.0	1		06/16/22 17:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/16/22 17:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/16/22 17:11	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/16/22 17:11	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/16/22 17:11	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/16/22 17:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/16/22 17:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/16/22 17:11	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		06/16/22 17:11	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		06/16/22 17:11	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/16/22 17:11	87-68-3	
n-Hexane	ND	ug/L	5.0	1		06/16/22 17:11	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		06/16/22 17:11	591-78-6	
Iodomethane	ND	ug/L	10.0	1		06/16/22 17:11	74-88-4	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-41		Lab ID: 50318531022		Collected: 06/08/22 12:25		Received: 06/09/22 15:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/16/22 17:11	98-82-8		
p-Isopropyltoluene	ND	ug/L	5.0	1		06/16/22 17:11	99-87-6		
Methylene Chloride	ND	ug/L	5.0	1		06/16/22 17:11	75-09-2	L2	
1-Methylnaphthalene	ND	ug/L	10.0	1		06/16/22 17:11	90-12-0	L1	
2-Methylnaphthalene	ND	ug/L	10.0	1		06/16/22 17:11	91-57-6	L1	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/16/22 17:11	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/16/22 17:11	1634-04-4		
Naphthalene	ND	ug/L	1.2	1		06/16/22 17:11	91-20-3		
n-Propylbenzene	ND	ug/L	5.0	1		06/16/22 17:11	103-65-1		
Styrene	ND	ug/L	5.0	1		06/16/22 17:11	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/16/22 17:11	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/16/22 17:11	79-34-5		
Tetrachloroethene	ND	ug/L	5.0	1		06/16/22 17:11	127-18-4		
Toluene	ND	ug/L	5.0	1		06/16/22 17:11	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/16/22 17:11	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/16/22 17:11	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/16/22 17:11	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/16/22 17:11	79-00-5		
Trichloroethene	163	ug/L	5.0	1		06/16/22 17:11	79-01-6		
Trichlorofluoromethane	ND	ug/L	5.0	1		06/16/22 17:11	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/16/22 17:11	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/16/22 17:11	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/16/22 17:11	108-67-8		
Vinyl acetate	ND	ug/L	50.0	1		06/16/22 17:11	108-05-4		
Vinyl chloride	2.8	ug/L	2.0	1		06/16/22 17:11	75-01-4		
Xylene (Total)	ND	ug/L	10.0	1		06/16/22 17:11	1330-20-7		
Surrogates									
Dibromofluoromethane (S)	98	%	82-128	1		06/16/22 17:11	1868-53-7		
4-Bromofluorobenzene (S)	97	%	79-124	1		06/16/22 17:11	460-00-4		
Toluene-d8 (S)	101	%	73-122	1		06/16/22 17:11	2037-26-5		

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-41D		Lab ID: 50318531023	Collected: 06/08/22 11:35	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Acetone	ND	ug/L	100	1		06/16/22 17:41	67-64-1	
Acrolein	ND	ug/L	50.0	1		06/16/22 17:41	107-02-8	
Acrylonitrile	ND	ug/L	100	1		06/16/22 17:41	107-13-1	
Benzene	ND	ug/L	5.0	1		06/16/22 17:41	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/16/22 17:41	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/16/22 17:41	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/16/22 17:41	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/16/22 17:41	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/16/22 17:41	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		06/16/22 17:41	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		06/16/22 17:41	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/16/22 17:41	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/16/22 17:41	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		06/16/22 17:41	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		06/16/22 17:41	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/16/22 17:41	108-90-7	
Chloroethane	ND	ug/L	5.0	1		06/16/22 17:41	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/16/22 17:41	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/16/22 17:41	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/16/22 17:41	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/16/22 17:41	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		06/16/22 17:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/16/22 17:41	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		06/16/22 17:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/16/22 17:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/16/22 17:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/16/22 17:41	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/16/22 17:41	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/16/22 17:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/16/22 17:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/16/22 17:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/16/22 17:41	75-35-4	
cis-1,2-Dichloroethene	299	ug/L	50.0	10		06/15/22 18:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/16/22 17:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/16/22 17:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/16/22 17:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/16/22 17:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/16/22 17:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/16/22 17:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/16/22 17:41	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		06/16/22 17:41	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		06/16/22 17:41	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/16/22 17:41	87-68-3	
n-Hexane	ND	ug/L	5.0	1		06/16/22 17:41	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		06/16/22 17:41	591-78-6	
Iodomethane	ND	ug/L	10.0	1		06/16/22 17:41	74-88-4	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-41D		Lab ID: 50318531023		Collected: 06/08/22 11:35		Received: 06/09/22 15:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/16/22 17:41	98-82-8		
p-Isopropyltoluene	ND	ug/L	5.0	1		06/16/22 17:41	99-87-6		
Methylene Chloride	ND	ug/L	5.0	1		06/16/22 17:41	75-09-2	L2	
1-Methylnaphthalene	ND	ug/L	10.0	1		06/16/22 17:41	90-12-0	L1	
2-Methylnaphthalene	ND	ug/L	10.0	1		06/16/22 17:41	91-57-6	L1	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/16/22 17:41	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/16/22 17:41	1634-04-4		
Naphthalene	ND	ug/L	1.2	1		06/16/22 17:41	91-20-3		
n-Propylbenzene	ND	ug/L	5.0	1		06/16/22 17:41	103-65-1		
Styrene	ND	ug/L	5.0	1		06/16/22 17:41	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/16/22 17:41	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/16/22 17:41	79-34-5		
Tetrachloroethene	ND	ug/L	5.0	1		06/16/22 17:41	127-18-4		
Toluene	ND	ug/L	5.0	1		06/16/22 17:41	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/16/22 17:41	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/16/22 17:41	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/16/22 17:41	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/16/22 17:41	79-00-5		
Trichloroethene	ND	ug/L	5.0	1		06/16/22 17:41	79-01-6		
Trichlorofluoromethane	ND	ug/L	5.0	1		06/16/22 17:41	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/16/22 17:41	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/16/22 17:41	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/16/22 17:41	108-67-8		
Vinyl acetate	ND	ug/L	50.0	1		06/16/22 17:41	108-05-4		
Vinyl chloride	24.7	ug/L	2.0	1		06/16/22 17:41	75-01-4		
Xylene (Total)	ND	ug/L	10.0	1		06/16/22 17:41	1330-20-7		
Surrogates									
Dibromofluoromethane (S)	101	%	82-128	1		06/16/22 17:41	1868-53-7		
4-Bromofluorobenzene (S)	98	%	79-124	1		06/16/22 17:41	460-00-4		
Toluene-d8 (S)	100	%	73-122	1		06/16/22 17:41	2037-26-5		

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-12		Lab ID: 50318531024	Collected: 06/08/22 15:00	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Acetone	ND	ug/L	100	1		06/15/22 18:42	67-64-1	
Acrolein	ND	ug/L	50.0	1		06/15/22 18:42	107-02-8	
Acrylonitrile	ND	ug/L	100	1		06/15/22 18:42	107-13-1	
Benzene	ND	ug/L	5.0	1		06/15/22 18:42	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/15/22 18:42	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/15/22 18:42	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/15/22 18:42	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/15/22 18:42	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/15/22 18:42	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		06/15/22 18:42	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		06/15/22 18:42	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/15/22 18:42	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/15/22 18:42	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		06/15/22 18:42	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		06/15/22 18:42	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/15/22 18:42	108-90-7	
Chloroethane	ND	ug/L	5.0	1		06/15/22 18:42	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/15/22 18:42	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/15/22 18:42	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/15/22 18:42	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/15/22 18:42	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		06/15/22 18:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/15/22 18:42	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		06/15/22 18:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 18:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 18:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 18:42	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/15/22 18:42	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/15/22 18:42	75-71-8	L1
1,1-Dichloroethane	ND	ug/L	5.0	1		06/15/22 18:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/15/22 18:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/15/22 18:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		06/15/22 18:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/15/22 18:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/15/22 18:42	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/15/22 18:42	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/15/22 18:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/15/22 18:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/15/22 18:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/15/22 18:42	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		06/15/22 18:42	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		06/15/22 18:42	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/15/22 18:42	87-68-3	
n-Hexane	ND	ug/L	5.0	1		06/15/22 18:42	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		06/15/22 18:42	591-78-6	
Iodomethane	ND	ug/L	10.0	1		06/15/22 18:42	74-88-4	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-12		Lab ID: 50318531024	Collected: 06/08/22 15:00	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/15/22 18:42	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/15/22 18:42	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/15/22 18:42	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		06/15/22 18:42	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		06/15/22 18:42	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/15/22 18:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/15/22 18:42	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		06/15/22 18:42	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/15/22 18:42	103-65-1	
Styrene	ND	ug/L	5.0	1		06/15/22 18:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/15/22 18:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/15/22 18:42	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		06/15/22 18:42	127-18-4	
Toluene	ND	ug/L	5.0	1		06/15/22 18:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/15/22 18:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/15/22 18:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/15/22 18:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/15/22 18:42	79-00-5	
Trichloroethene	48.7	ug/L	5.0	1		06/15/22 18:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		06/15/22 18:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/15/22 18:42	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/15/22 18:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/15/22 18:42	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		06/15/22 18:42	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		06/15/22 18:42	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		06/15/22 18:42	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	82-128	1		06/15/22 18:42	1868-53-7	
4-Bromofluorobenzene (S)	99	%.	79-124	1		06/15/22 18:42	460-00-4	
Toluene-d8 (S)	98	%.	73-122	1		06/15/22 18:42	2037-26-5	

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ANALYTICAL RESULTS

Project: HRID 2Q2022
Pace Project No.: 50318531

Sample: MW-12D		Lab ID: 50318531025	Collected: 06/08/22 14:20	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Acetone	ND	ug/L	100	1		06/15/22 19:11	67-64-1	
Acrolein	ND	ug/L	50.0	1		06/15/22 19:11	107-02-8	
Acrylonitrile	ND	ug/L	100	1		06/15/22 19:11	107-13-1	
Benzene	ND	ug/L	5.0	1		06/15/22 19:11	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/15/22 19:11	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/15/22 19:11	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/15/22 19:11	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/15/22 19:11	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/15/22 19:11	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		06/15/22 19:11	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		06/15/22 19:11	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/15/22 19:11	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/15/22 19:11	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		06/15/22 19:11	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		06/15/22 19:11	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/15/22 19:11	108-90-7	
Chloroethane	ND	ug/L	5.0	1		06/15/22 19:11	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/15/22 19:11	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/15/22 19:11	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/15/22 19:11	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/15/22 19:11	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		06/15/22 19:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/15/22 19:11	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		06/15/22 19:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 19:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 19:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 19:11	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/15/22 19:11	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/15/22 19:11	75-71-8	L1
1,1-Dichloroethane	ND	ug/L	5.0	1		06/15/22 19:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/15/22 19:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/15/22 19:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		06/15/22 19:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/15/22 19:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/15/22 19:11	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/15/22 19:11	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/15/22 19:11	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/15/22 19:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/15/22 19:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/15/22 19:11	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		06/15/22 19:11	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		06/15/22 19:11	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/15/22 19:11	87-68-3	
n-Hexane	ND	ug/L	5.0	1		06/15/22 19:11	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		06/15/22 19:11	591-78-6	
Iodomethane	ND	ug/L	10.0	1		06/15/22 19:11	74-88-4	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-12D		Lab ID: 50318531025		Collected: 06/08/22 14:20		Received: 06/09/22 15:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Indiana	Analytical Method: EPA 5030/8260								
	Pace Analytical Services - Indianapolis								
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/15/22 19:11	98-82-8		
p-Isopropyltoluene	ND	ug/L	5.0	1		06/15/22 19:11	99-87-6		
Methylene Chloride	ND	ug/L	5.0	1		06/15/22 19:11	75-09-2		
1-Methylnaphthalene	ND	ug/L	10.0	1		06/15/22 19:11	90-12-0		
2-Methylnaphthalene	ND	ug/L	10.0	1		06/15/22 19:11	91-57-6		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/15/22 19:11	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/15/22 19:11	1634-04-4		
Naphthalene	ND	ug/L	1.2	1		06/15/22 19:11	91-20-3		
n-Propylbenzene	ND	ug/L	5.0	1		06/15/22 19:11	103-65-1		
Styrene	ND	ug/L	5.0	1		06/15/22 19:11	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/15/22 19:11	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/15/22 19:11	79-34-5		
Tetrachloroethene	ND	ug/L	5.0	1		06/15/22 19:11	127-18-4		
Toluene	ND	ug/L	5.0	1		06/15/22 19:11	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/15/22 19:11	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/15/22 19:11	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/15/22 19:11	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/15/22 19:11	79-00-5		
Trichloroethene	ND	ug/L	5.0	1		06/15/22 19:11	79-01-6		
Trichlorofluoromethane	ND	ug/L	5.0	1		06/15/22 19:11	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/15/22 19:11	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/15/22 19:11	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/15/22 19:11	108-67-8		
Vinyl acetate	ND	ug/L	50.0	1		06/15/22 19:11	108-05-4		
Vinyl chloride	ND	ug/L	2.0	1		06/15/22 19:11	75-01-4		
Xylene (Total)	ND	ug/L	10.0	1		06/15/22 19:11	1330-20-7		
Surrogates									
Dibromofluoromethane (S)	102	%.	82-128	1		06/15/22 19:11	1868-53-7		
4-Bromofluorobenzene (S)	99	%.	79-124	1		06/15/22 19:11	460-00-4		
Toluene-d8 (S)	100	%.	73-122	1		06/15/22 19:11	2037-26-5		

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-14		Lab ID: 50318531026		Collected: 06/08/22 16:25		Received: 06/09/22 15:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Indiana		Analytical Method: EPA 5030/8260							
		Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		06/15/22 19:40	67-64-1	L1	
Acrolein	ND	ug/L	50.0	1		06/15/22 19:40	107-02-8		
Acrylonitrile	ND	ug/L	100	1		06/15/22 19:40	107-13-1		
Benzene	ND	ug/L	5.0	1		06/15/22 19:40	71-43-2		
Bromobenzene	ND	ug/L	5.0	1		06/15/22 19:40	108-86-1		
Bromochloromethane	ND	ug/L	5.0	1		06/15/22 19:40	74-97-5		
Bromodichloromethane	ND	ug/L	5.0	1		06/15/22 19:40	75-27-4		
Bromoform	ND	ug/L	5.0	1		06/15/22 19:40	75-25-2		
Bromomethane	ND	ug/L	5.0	1		06/15/22 19:40	74-83-9		
2-Butanone (MEK)	ND	ug/L	25.0	1		06/15/22 19:40	78-93-3		
n-Butylbenzene	ND	ug/L	5.0	1		06/15/22 19:40	104-51-8		
sec-Butylbenzene	ND	ug/L	5.0	1		06/15/22 19:40	135-98-8		
tert-Butylbenzene	ND	ug/L	5.0	1		06/15/22 19:40	98-06-6		
Carbon disulfide	ND	ug/L	10.0	1		06/15/22 19:40	75-15-0		
Carbon tetrachloride	ND	ug/L	5.0	1		06/15/22 19:40	56-23-5		
Chlorobenzene	ND	ug/L	5.0	1		06/15/22 19:40	108-90-7		
Chloroethane	ND	ug/L	5.0	1		06/15/22 19:40	75-00-3		
Chloroform	ND	ug/L	5.0	1		06/15/22 19:40	67-66-3		
Chloromethane	ND	ug/L	5.0	1		06/15/22 19:40	74-87-3		
2-Chlorotoluene	ND	ug/L	5.0	1		06/15/22 19:40	95-49-8		
4-Chlorotoluene	ND	ug/L	5.0	1		06/15/22 19:40	106-43-4		
Dibromochloromethane	ND	ug/L	5.0	1		06/15/22 19:40	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/15/22 19:40	106-93-4		
Dibromomethane	ND	ug/L	5.0	1		06/15/22 19:40	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 19:40	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 19:40	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 19:40	106-46-7		
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/15/22 19:40	110-57-6		
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/15/22 19:40	75-71-8		
1,1-Dichloroethane	ND	ug/L	5.0	1		06/15/22 19:40	75-34-3		
1,2-Dichloroethane	ND	ug/L	5.0	1		06/15/22 19:40	107-06-2		
1,1-Dichloroethene	ND	ug/L	5.0	1		06/15/22 19:40	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		06/15/22 19:40	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/15/22 19:40	156-60-5		
1,2-Dichloropropane	ND	ug/L	5.0	1		06/15/22 19:40	78-87-5		
1,3-Dichloropropane	ND	ug/L	5.0	1		06/15/22 19:40	142-28-9		
2,2-Dichloropropane	ND	ug/L	5.0	1		06/15/22 19:40	594-20-7		
1,1-Dichloropropene	ND	ug/L	5.0	1		06/15/22 19:40	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/15/22 19:40	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/15/22 19:40	10061-02-6		
Ethylbenzene	ND	ug/L	5.0	1		06/15/22 19:40	100-41-4		
Ethyl methacrylate	ND	ug/L	100	1		06/15/22 19:40	97-63-2		
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/15/22 19:40	87-68-3		
n-Hexane	ND	ug/L	5.0	1		06/15/22 19:40	110-54-3		
2-Hexanone	ND	ug/L	25.0	1		06/15/22 19:40	591-78-6		
Iodomethane	ND	ug/L	10.0	1		06/15/22 19:40	74-88-4		

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-14		Lab ID: 50318531026	Collected: 06/08/22 16:25	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/15/22 19:40	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/15/22 19:40	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/15/22 19:40	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		06/15/22 19:40	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		06/15/22 19:40	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/15/22 19:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/15/22 19:40	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		06/15/22 19:40	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/15/22 19:40	103-65-1	
Styrene	ND	ug/L	5.0	1		06/15/22 19:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/15/22 19:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/15/22 19:40	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		06/15/22 19:40	127-18-4	
Toluene	ND	ug/L	5.0	1		06/15/22 19:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/15/22 19:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/15/22 19:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/15/22 19:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/15/22 19:40	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		06/15/22 19:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		06/15/22 19:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/15/22 19:40	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/15/22 19:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/15/22 19:40	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		06/15/22 19:40	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		06/15/22 19:40	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		06/15/22 19:40	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%.	82-128	1		06/15/22 19:40	1868-53-7	
4-Bromofluorobenzene (S)	100	%.	79-124	1		06/15/22 19:40	460-00-4	
Toluene-d8 (S)	100	%.	73-122	1		06/15/22 19:40	2037-26-5	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-14D		Lab ID: 50318531027	Collected: 06/08/22 15:50	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260						
		Pace Analytical Services - Indianapolis						
Acetone	ND	ug/L	100	1		06/15/22 20:10	67-64-1	
Acrolein	ND	ug/L	50.0	1		06/15/22 20:10	107-02-8	
Acrylonitrile	ND	ug/L	100	1		06/15/22 20:10	107-13-1	
Benzene	ND	ug/L	5.0	1		06/15/22 20:10	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/15/22 20:10	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/15/22 20:10	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/15/22 20:10	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/15/22 20:10	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/15/22 20:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		06/15/22 20:10	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		06/15/22 20:10	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/15/22 20:10	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/15/22 20:10	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		06/15/22 20:10	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		06/15/22 20:10	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/15/22 20:10	108-90-7	
Chloroethane	ND	ug/L	5.0	1		06/15/22 20:10	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/15/22 20:10	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/15/22 20:10	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/15/22 20:10	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/15/22 20:10	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		06/15/22 20:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/15/22 20:10	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		06/15/22 20:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 20:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 20:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 20:10	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/15/22 20:10	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/15/22 20:10	75-71-8	L1
1,1-Dichloroethane	ND	ug/L	5.0	1		06/15/22 20:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/15/22 20:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/15/22 20:10	75-35-4	
cis-1,2-Dichloroethene	27.6	ug/L	5.0	1		06/15/22 20:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/15/22 20:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/15/22 20:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/15/22 20:10	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/15/22 20:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/15/22 20:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/15/22 20:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/15/22 20:10	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		06/15/22 20:10	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		06/15/22 20:10	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/15/22 20:10	87-68-3	
n-Hexane	ND	ug/L	5.0	1		06/15/22 20:10	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		06/15/22 20:10	591-78-6	
Iodomethane	ND	ug/L	10.0	1		06/15/22 20:10	74-88-4	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-14D		Lab ID: 50318531027		Collected: 06/08/22 15:50		Received: 06/09/22 15:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Indiana	Analytical Method: EPA 5030/8260								
	Pace Analytical Services - Indianapolis								
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/15/22 20:10	98-82-8		
p-Isopropyltoluene	ND	ug/L	5.0	1		06/15/22 20:10	99-87-6		
Methylene Chloride	ND	ug/L	5.0	1		06/15/22 20:10	75-09-2		
1-Methylnaphthalene	ND	ug/L	10.0	1		06/15/22 20:10	90-12-0		
2-Methylnaphthalene	ND	ug/L	10.0	1		06/15/22 20:10	91-57-6		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/15/22 20:10	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/15/22 20:10	1634-04-4		
Naphthalene	ND	ug/L	1.2	1		06/15/22 20:10	91-20-3		
n-Propylbenzene	ND	ug/L	5.0	1		06/15/22 20:10	103-65-1		
Styrene	ND	ug/L	5.0	1		06/15/22 20:10	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/15/22 20:10	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/15/22 20:10	79-34-5		
Tetrachloroethene	ND	ug/L	5.0	1		06/15/22 20:10	127-18-4		
Toluene	ND	ug/L	5.0	1		06/15/22 20:10	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/15/22 20:10	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/15/22 20:10	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/15/22 20:10	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/15/22 20:10	79-00-5		
Trichloroethene	281	ug/L	5.0	1		06/15/22 20:10	79-01-6		
Trichlorofluoromethane	ND	ug/L	5.0	1		06/15/22 20:10	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/15/22 20:10	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/15/22 20:10	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/15/22 20:10	108-67-8		
Vinyl acetate	ND	ug/L	50.0	1		06/15/22 20:10	108-05-4		
Vinyl chloride	ND	ug/L	2.0	1		06/15/22 20:10	75-01-4		
Xylene (Total)	ND	ug/L	10.0	1		06/15/22 20:10	1330-20-7		
Surrogates									
Dibromofluoromethane (S)	102	%	82-128	1		06/15/22 20:10	1868-53-7		
4-Bromofluorobenzene (S)	99	%	79-124	1		06/15/22 20:10	460-00-4		
Toluene-d8 (S)	99	%	73-122	1		06/15/22 20:10	2037-26-5		

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-36		Lab ID: 50318531028		Collected: 06/09/22 09:25		Received: 06/09/22 15:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Indiana		Analytical Method: EPA 5030/8260							
		Pace Analytical Services - Indianapolis							
Acetone	ND	ug/L	100	1		06/15/22 20:39	67-64-1	L1	
Acrolein	ND	ug/L	50.0	1		06/15/22 20:39	107-02-8		
Acrylonitrile	ND	ug/L	100	1		06/15/22 20:39	107-13-1		
Benzene	ND	ug/L	5.0	1		06/15/22 20:39	71-43-2		
Bromobenzene	ND	ug/L	5.0	1		06/15/22 20:39	108-86-1		
Bromochloromethane	ND	ug/L	5.0	1		06/15/22 20:39	74-97-5		
Bromodichloromethane	ND	ug/L	5.0	1		06/15/22 20:39	75-27-4		
Bromoform	ND	ug/L	5.0	1		06/15/22 20:39	75-25-2		
Bromomethane	ND	ug/L	5.0	1		06/15/22 20:39	74-83-9		
2-Butanone (MEK)	ND	ug/L	25.0	1		06/15/22 20:39	78-93-3		
n-Butylbenzene	ND	ug/L	5.0	1		06/15/22 20:39	104-51-8		
sec-Butylbenzene	ND	ug/L	5.0	1		06/15/22 20:39	135-98-8		
tert-Butylbenzene	ND	ug/L	5.0	1		06/15/22 20:39	98-06-6		
Carbon disulfide	ND	ug/L	10.0	1		06/15/22 20:39	75-15-0		
Carbon tetrachloride	ND	ug/L	5.0	1		06/15/22 20:39	56-23-5		
Chlorobenzene	ND	ug/L	5.0	1		06/15/22 20:39	108-90-7		
Chloroethane	ND	ug/L	5.0	1		06/15/22 20:39	75-00-3		
Chloroform	ND	ug/L	5.0	1		06/15/22 20:39	67-66-3		
Chloromethane	ND	ug/L	5.0	1		06/15/22 20:39	74-87-3		
2-Chlorotoluene	ND	ug/L	5.0	1		06/15/22 20:39	95-49-8		
4-Chlorotoluene	ND	ug/L	5.0	1		06/15/22 20:39	106-43-4		
Dibromochloromethane	ND	ug/L	5.0	1		06/15/22 20:39	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/15/22 20:39	106-93-4		
Dibromomethane	ND	ug/L	5.0	1		06/15/22 20:39	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 20:39	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 20:39	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 20:39	106-46-7		
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/15/22 20:39	110-57-6		
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/15/22 20:39	75-71-8		
1,1-Dichloroethane	ND	ug/L	5.0	1		06/15/22 20:39	75-34-3		
1,2-Dichloroethane	ND	ug/L	5.0	1		06/15/22 20:39	107-06-2		
1,1-Dichloroethene	ND	ug/L	5.0	1		06/15/22 20:39	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		06/15/22 20:39	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/15/22 20:39	156-60-5		
1,2-Dichloropropane	ND	ug/L	5.0	1		06/15/22 20:39	78-87-5		
1,3-Dichloropropane	ND	ug/L	5.0	1		06/15/22 20:39	142-28-9		
2,2-Dichloropropane	ND	ug/L	5.0	1		06/15/22 20:39	594-20-7		
1,1-Dichloropropene	ND	ug/L	5.0	1		06/15/22 20:39	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/15/22 20:39	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/15/22 20:39	10061-02-6		
Ethylbenzene	ND	ug/L	5.0	1		06/15/22 20:39	100-41-4		
Ethyl methacrylate	ND	ug/L	100	1		06/15/22 20:39	97-63-2		
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/15/22 20:39	87-68-3		
n-Hexane	ND	ug/L	5.0	1		06/15/22 20:39	110-54-3		
2-Hexanone	ND	ug/L	25.0	1		06/15/22 20:39	591-78-6		
Iodomethane	ND	ug/L	10.0	1		06/15/22 20:39	74-88-4		

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-36		Lab ID: 50318531028	Collected: 06/09/22 09:25	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/15/22 20:39	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/15/22 20:39	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/15/22 20:39	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		06/15/22 20:39	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		06/15/22 20:39	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/15/22 20:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/15/22 20:39	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		06/15/22 20:39	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/15/22 20:39	103-65-1	
Styrene	ND	ug/L	5.0	1		06/15/22 20:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/15/22 20:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/15/22 20:39	79-34-5	
Tetrachloroethene	19.6	ug/L	5.0	1		06/15/22 20:39	127-18-4	
Toluene	ND	ug/L	5.0	1		06/15/22 20:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/15/22 20:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/15/22 20:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/15/22 20:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/15/22 20:39	79-00-5	
Trichloroethene	52.9	ug/L	5.0	1		06/15/22 20:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		06/15/22 20:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/15/22 20:39	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/15/22 20:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/15/22 20:39	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		06/15/22 20:39	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		06/15/22 20:39	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		06/15/22 20:39	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102	%	82-128	1		06/15/22 20:39	1868-53-7	
4-Bromofluorobenzene (S)	98	%	79-124	1		06/15/22 20:39	460-00-4	
Toluene-d8 (S)	98	%	73-122	1		06/15/22 20:39	2037-26-5	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-42		Lab ID: 50318531029	Collected: 06/09/22 10:20	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Acetone	ND	ug/L	100	1		06/15/22 21:08	67-64-1	
Acrolein	ND	ug/L	50.0	1		06/15/22 21:08	107-02-8	
Acrylonitrile	ND	ug/L	100	1		06/15/22 21:08	107-13-1	
Benzene	ND	ug/L	5.0	1		06/15/22 21:08	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/15/22 21:08	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/15/22 21:08	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/15/22 21:08	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/15/22 21:08	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/15/22 21:08	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		06/15/22 21:08	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		06/15/22 21:08	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/15/22 21:08	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/15/22 21:08	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		06/15/22 21:08	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		06/15/22 21:08	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/15/22 21:08	108-90-7	
Chloroethane	ND	ug/L	5.0	1		06/15/22 21:08	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/15/22 21:08	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/15/22 21:08	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/15/22 21:08	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/15/22 21:08	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		06/15/22 21:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/15/22 21:08	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		06/15/22 21:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 21:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 21:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/15/22 21:08	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/15/22 21:08	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/15/22 21:08	75-71-8	L1
1,1-Dichloroethane	ND	ug/L	5.0	1		06/15/22 21:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/15/22 21:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/15/22 21:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		06/15/22 21:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/15/22 21:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/15/22 21:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/15/22 21:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/15/22 21:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/15/22 21:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/15/22 21:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/15/22 21:08	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		06/15/22 21:08	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		06/15/22 21:08	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/15/22 21:08	87-68-3	
n-Hexane	ND	ug/L	5.0	1		06/15/22 21:08	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		06/15/22 21:08	591-78-6	
Iodomethane	ND	ug/L	10.0	1		06/15/22 21:08	74-88-4	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-42		Lab ID: 50318531029	Collected: 06/09/22 10:20	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/15/22 21:08	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/15/22 21:08	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/15/22 21:08	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		06/15/22 21:08	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		06/15/22 21:08	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/15/22 21:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/15/22 21:08	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		06/15/22 21:08	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/15/22 21:08	103-65-1	
Styrene	ND	ug/L	5.0	1		06/15/22 21:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/15/22 21:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/15/22 21:08	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		06/15/22 21:08	127-18-4	
Toluene	ND	ug/L	5.0	1		06/15/22 21:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/15/22 21:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/15/22 21:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/15/22 21:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/15/22 21:08	79-00-5	
Trichloroethene	187	ug/L	5.0	1		06/15/22 21:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		06/15/22 21:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/15/22 21:08	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/15/22 21:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/15/22 21:08	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		06/15/22 21:08	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		06/15/22 21:08	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		06/15/22 21:08	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%	82-128	1		06/15/22 21:08	1868-53-7	
4-Bromofluorobenzene (S)	101	%	79-124	1		06/15/22 21:08	460-00-4	
Toluene-d8 (S)	100	%	73-122	1		06/15/22 21:08	2037-26-5	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-42D		Lab ID: 50318531030		Collected: 06/09/22 11:10		Received: 06/09/22 15:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Indiana	Analytical Method: EPA 5030/8260								
	Pace Analytical Services - Indianapolis								
Acetone	ND	ug/L	100	1		06/16/22 18:10	67-64-1		
Acrolein	ND	ug/L	50.0	1		06/16/22 18:10	107-02-8		
Acrylonitrile	ND	ug/L	100	1		06/16/22 18:10	107-13-1		
Benzene	ND	ug/L	5.0	1		06/16/22 18:10	71-43-2		
Bromobenzene	ND	ug/L	5.0	1		06/16/22 18:10	108-86-1		
Bromochloromethane	ND	ug/L	5.0	1		06/16/22 18:10	74-97-5		
Bromodichloromethane	ND	ug/L	5.0	1		06/16/22 18:10	75-27-4		
Bromoform	ND	ug/L	5.0	1		06/16/22 18:10	75-25-2		
Bromomethane	ND	ug/L	5.0	1		06/16/22 18:10	74-83-9		
2-Butanone (MEK)	ND	ug/L	25.0	1		06/16/22 18:10	78-93-3		
n-Butylbenzene	ND	ug/L	5.0	1		06/16/22 18:10	104-51-8		
sec-Butylbenzene	ND	ug/L	5.0	1		06/16/22 18:10	135-98-8		
tert-Butylbenzene	ND	ug/L	5.0	1		06/16/22 18:10	98-06-6		
Carbon disulfide	ND	ug/L	10.0	1		06/16/22 18:10	75-15-0		
Carbon tetrachloride	ND	ug/L	5.0	1		06/16/22 18:10	56-23-5		
Chlorobenzene	ND	ug/L	5.0	1		06/16/22 18:10	108-90-7		
Chloroethane	ND	ug/L	5.0	1		06/16/22 18:10	75-00-3		
Chloroform	ND	ug/L	5.0	1		06/16/22 18:10	67-66-3		
Chloromethane	ND	ug/L	5.0	1		06/16/22 18:10	74-87-3		
2-Chlorotoluene	ND	ug/L	5.0	1		06/16/22 18:10	95-49-8		
4-Chlorotoluene	ND	ug/L	5.0	1		06/16/22 18:10	106-43-4		
Dibromochloromethane	ND	ug/L	5.0	1		06/16/22 18:10	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/16/22 18:10	106-93-4		
Dibromomethane	ND	ug/L	5.0	1		06/16/22 18:10	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/16/22 18:10	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/16/22 18:10	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/16/22 18:10	106-46-7		
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/16/22 18:10	110-57-6		
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/16/22 18:10	75-71-8		
1,1-Dichloroethane	ND	ug/L	5.0	1		06/16/22 18:10	75-34-3		
1,2-Dichloroethane	ND	ug/L	5.0	1		06/16/22 18:10	107-06-2		
1,1-Dichloroethene	ND	ug/L	5.0	1		06/16/22 18:10	75-35-4		
cis-1,2-Dichloroethene	312	ug/L	50.0	10		06/16/22 18:40	156-59-2		
trans-1,2-Dichloroethene	27.0	ug/L	5.0	1		06/16/22 18:10	156-60-5		
1,2-Dichloropropane	ND	ug/L	5.0	1		06/16/22 18:10	78-87-5		
1,3-Dichloropropane	ND	ug/L	5.0	1		06/16/22 18:10	142-28-9		
2,2-Dichloropropane	ND	ug/L	5.0	1		06/16/22 18:10	594-20-7		
1,1-Dichloropropene	ND	ug/L	5.0	1		06/16/22 18:10	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/16/22 18:10	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/16/22 18:10	10061-02-6		
Ethylbenzene	ND	ug/L	5.0	1		06/16/22 18:10	100-41-4		
Ethyl methacrylate	ND	ug/L	100	1		06/16/22 18:10	97-63-2		
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/16/22 18:10	87-68-3		
n-Hexane	ND	ug/L	5.0	1		06/16/22 18:10	110-54-3		
2-Hexanone	ND	ug/L	25.0	1		06/16/22 18:10	591-78-6		
Iodomethane	ND	ug/L	10.0	1		06/16/22 18:10	74-88-4		

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-42D		Lab ID: 50318531030	Collected: 06/09/22 11:10	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/16/22 18:10	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/16/22 18:10	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/16/22 18:10	75-09-2	L2
1-Methylnaphthalene	ND	ug/L	10.0	1		06/16/22 18:10	90-12-0	L1
2-Methylnaphthalene	ND	ug/L	10.0	1		06/16/22 18:10	91-57-6	L1
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/16/22 18:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/16/22 18:10	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		06/16/22 18:10	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/16/22 18:10	103-65-1	
Styrene	ND	ug/L	5.0	1		06/16/22 18:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/16/22 18:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/16/22 18:10	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		06/16/22 18:10	127-18-4	
Toluene	ND	ug/L	5.0	1		06/16/22 18:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/16/22 18:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/16/22 18:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/16/22 18:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/16/22 18:10	79-00-5	
Trichloroethene	111	ug/L	5.0	1		06/16/22 18:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		06/16/22 18:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/16/22 18:10	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/16/22 18:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/16/22 18:10	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		06/16/22 18:10	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		06/16/22 18:10	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		06/16/22 18:10	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%.	82-128	1		06/16/22 18:10	1868-53-7	
4-Bromofluorobenzene (S)	97	%.	79-124	1		06/16/22 18:10	460-00-4	
Toluene-d8 (S)	101	%.	73-122	1		06/16/22 18:10	2037-26-5	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-15		Lab ID: 50318531031	Collected: 06/09/22 12:30	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260						
		Pace Analytical Services - Indianapolis						
Acetone	ND	ug/L	100	1		06/18/22 02:20	67-64-1	
Acrolein	ND	ug/L	50.0	1		06/18/22 02:20	107-02-8	
Acrylonitrile	ND	ug/L	100	1		06/18/22 02:20	107-13-1	
Benzene	ND	ug/L	5.0	1		06/18/22 02:20	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/18/22 02:20	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/18/22 02:20	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/18/22 02:20	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/18/22 02:20	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/18/22 02:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		06/18/22 02:20	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		06/18/22 02:20	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/18/22 02:20	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/18/22 02:20	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		06/18/22 02:20	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		06/18/22 02:20	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/18/22 02:20	108-90-7	
Chloroethane	ND	ug/L	5.0	1		06/18/22 02:20	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/18/22 02:20	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/18/22 02:20	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/18/22 02:20	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/18/22 02:20	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		06/18/22 02:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/18/22 02:20	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		06/18/22 02:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/18/22 02:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/18/22 02:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/18/22 02:20	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/18/22 02:20	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/18/22 02:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/18/22 02:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/18/22 02:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/18/22 02:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		06/18/22 02:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/18/22 02:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/18/22 02:20	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/18/22 02:20	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/18/22 02:20	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/18/22 02:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/18/22 02:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/18/22 02:20	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		06/18/22 02:20	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		06/18/22 02:20	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/18/22 02:20	87-68-3	
n-Hexane	ND	ug/L	5.0	1		06/18/22 02:20	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		06/18/22 02:20	591-78-6	
Iodomethane	ND	ug/L	10.0	1		06/18/22 02:20	74-88-4	

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ANALYTICAL RESULTS

Project: HRID 2Q2022
Pace Project No.: 50318531

Sample: MW-15		Lab ID: 50318531031	Collected: 06/09/22 12:30	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/18/22 02:20	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/18/22 02:20	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/18/22 02:20	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		06/18/22 02:20	90-12-0	L1
2-Methylnaphthalene	ND	ug/L	10.0	1		06/18/22 02:20	91-57-6	L1
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/18/22 02:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/18/22 02:20	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		06/18/22 02:20	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/18/22 02:20	103-65-1	
Styrene	ND	ug/L	5.0	1		06/18/22 02:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/18/22 02:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/18/22 02:20	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		06/18/22 02:20	127-18-4	
Toluene	ND	ug/L	5.0	1		06/18/22 02:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/18/22 02:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/18/22 02:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/18/22 02:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/18/22 02:20	79-00-5	
Trichloroethene	36.8	ug/L	5.0	1		06/18/22 02:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		06/18/22 02:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/18/22 02:20	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/18/22 02:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/18/22 02:20	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		06/18/22 02:20	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		06/18/22 02:20	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		06/18/22 02:20	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	82-128	1		06/18/22 02:20	1868-53-7	
4-Bromofluorobenzene (S)	96	%.	79-124	1		06/18/22 02:20	460-00-4	
Toluene-d8 (S)	100	%.	73-122	1		06/18/22 02:20	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-15D		Lab ID: 50318531032	Collected: 06/09/22 11:45	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260						
		Pace Analytical Services - Indianapolis						
Acetone	ND	ug/L	100	1		06/18/22 02:49	67-64-1	
Acrolein	ND	ug/L	50.0	1		06/18/22 02:49	107-02-8	
Acrylonitrile	ND	ug/L	100	1		06/18/22 02:49	107-13-1	
Benzene	ND	ug/L	5.0	1		06/18/22 02:49	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/18/22 02:49	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/18/22 02:49	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/18/22 02:49	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/18/22 02:49	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/18/22 02:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		06/18/22 02:49	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		06/18/22 02:49	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/18/22 02:49	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/18/22 02:49	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		06/18/22 02:49	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		06/18/22 02:49	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/18/22 02:49	108-90-7	
Chloroethane	ND	ug/L	5.0	1		06/18/22 02:49	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/18/22 02:49	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/18/22 02:49	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/18/22 02:49	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/18/22 02:49	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		06/18/22 02:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/18/22 02:49	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		06/18/22 02:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/18/22 02:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/18/22 02:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/18/22 02:49	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/18/22 02:49	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/18/22 02:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/18/22 02:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/18/22 02:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/18/22 02:49	75-35-4	
cis-1,2-Dichloroethene	60.1	ug/L	5.0	1		06/18/22 02:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/18/22 02:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/18/22 02:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/18/22 02:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/18/22 02:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/18/22 02:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/18/22 02:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/18/22 02:49	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		06/18/22 02:49	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		06/18/22 02:49	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/18/22 02:49	87-68-3	
n-Hexane	ND	ug/L	5.0	1		06/18/22 02:49	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		06/18/22 02:49	591-78-6	
Iodomethane	ND	ug/L	10.0	1		06/18/22 02:49	74-88-4	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-15D		Lab ID: 50318531032		Collected: 06/09/22 11:45		Received: 06/09/22 15:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/18/22 02:49	98-82-8		
p-Isopropyltoluene	ND	ug/L	5.0	1		06/18/22 02:49	99-87-6		
Methylene Chloride	ND	ug/L	5.0	1		06/18/22 02:49	75-09-2		
1-Methylnaphthalene	ND	ug/L	10.0	1		06/18/22 02:49	90-12-0	L1	
2-Methylnaphthalene	ND	ug/L	10.0	1		06/18/22 02:49	91-57-6	L1	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/18/22 02:49	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/18/22 02:49	1634-04-4		
Naphthalene	ND	ug/L	1.2	1		06/18/22 02:49	91-20-3		
n-Propylbenzene	ND	ug/L	5.0	1		06/18/22 02:49	103-65-1		
Styrene	ND	ug/L	5.0	1		06/18/22 02:49	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/18/22 02:49	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/18/22 02:49	79-34-5		
Tetrachloroethene	ND	ug/L	5.0	1		06/18/22 02:49	127-18-4		
Toluene	ND	ug/L	5.0	1		06/18/22 02:49	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/18/22 02:49	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/18/22 02:49	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/18/22 02:49	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/18/22 02:49	79-00-5		
Trichloroethene	ND	ug/L	5.0	1		06/18/22 02:49	79-01-6		
Trichlorofluoromethane	ND	ug/L	5.0	1		06/18/22 02:49	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/18/22 02:49	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/18/22 02:49	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/18/22 02:49	108-67-8		
Vinyl acetate	ND	ug/L	50.0	1		06/18/22 02:49	108-05-4		
Vinyl chloride	ND	ug/L	2.0	1		06/18/22 02:49	75-01-4		
Xylene (Total)	ND	ug/L	10.0	1		06/18/22 02:49	1330-20-7		
Surrogates									
Dibromofluoromethane (S)	99	%.	82-128	1		06/18/22 02:49	1868-53-7		
4-Bromofluorobenzene (S)	93	%.	79-124	1		06/18/22 02:49	460-00-4		
Toluene-d8 (S)	100	%.	73-122	1		06/18/22 02:49	2037-26-5		

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-43		Lab ID: 50318531033	Collected: 06/09/22 13:40	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260						
		Pace Analytical Services - Indianapolis						
Acetone	ND	ug/L	100	1		06/18/22 03:19	67-64-1	
Acrolein	ND	ug/L	50.0	1		06/18/22 03:19	107-02-8	
Acrylonitrile	ND	ug/L	100	1		06/18/22 03:19	107-13-1	
Benzene	ND	ug/L	5.0	1		06/18/22 03:19	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/18/22 03:19	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/18/22 03:19	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/18/22 03:19	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/18/22 03:19	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/18/22 03:19	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		06/18/22 03:19	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		06/18/22 03:19	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/18/22 03:19	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/18/22 03:19	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		06/18/22 03:19	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		06/18/22 03:19	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/18/22 03:19	108-90-7	
Chloroethane	ND	ug/L	5.0	1		06/18/22 03:19	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/18/22 03:19	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/18/22 03:19	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/18/22 03:19	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/18/22 03:19	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		06/18/22 03:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/18/22 03:19	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		06/18/22 03:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/18/22 03:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/18/22 03:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/18/22 03:19	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/18/22 03:19	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/18/22 03:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/18/22 03:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/18/22 03:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/18/22 03:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		06/18/22 03:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/18/22 03:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/18/22 03:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/18/22 03:19	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/18/22 03:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/18/22 03:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/18/22 03:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/18/22 03:19	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		06/18/22 03:19	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		06/18/22 03:19	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/18/22 03:19	87-68-3	
n-Hexane	ND	ug/L	5.0	1		06/18/22 03:19	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		06/18/22 03:19	591-78-6	
Iodomethane	ND	ug/L	10.0	1		06/18/22 03:19	74-88-4	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-43		Lab ID: 50318531033	Collected: 06/09/22 13:40	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/18/22 03:19	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		06/18/22 03:19	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		06/18/22 03:19	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		06/18/22 03:19	90-12-0	L1
2-Methylnaphthalene	ND	ug/L	10.0	1		06/18/22 03:19	91-57-6	L1
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/18/22 03:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/18/22 03:19	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		06/18/22 03:19	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		06/18/22 03:19	103-65-1	
Styrene	ND	ug/L	5.0	1		06/18/22 03:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/18/22 03:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/18/22 03:19	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		06/18/22 03:19	127-18-4	
Toluene	ND	ug/L	5.0	1		06/18/22 03:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/18/22 03:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/18/22 03:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/18/22 03:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/18/22 03:19	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		06/18/22 03:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		06/18/22 03:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/18/22 03:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/18/22 03:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/18/22 03:19	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		06/18/22 03:19	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		06/18/22 03:19	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		06/18/22 03:19	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%.	82-128	1		06/18/22 03:19	1868-53-7	
4-Bromofluorobenzene (S)	96	%.	79-124	1		06/18/22 03:19	460-00-4	
Toluene-d8 (S)	100	%.	73-122	1		06/18/22 03:19	2037-26-5	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-43D		Lab ID: 50318531034	Collected: 06/09/22 13:00	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis						
Acetone	ND	ug/L	100	1		06/18/22 03:48	67-64-1	
Acrolein	ND	ug/L	50.0	1		06/18/22 03:48	107-02-8	
Acrylonitrile	ND	ug/L	100	1		06/18/22 03:48	107-13-1	
Benzene	ND	ug/L	5.0	1		06/18/22 03:48	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/18/22 03:48	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/18/22 03:48	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/18/22 03:48	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/18/22 03:48	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/18/22 03:48	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		06/18/22 03:48	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		06/18/22 03:48	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/18/22 03:48	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/18/22 03:48	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		06/18/22 03:48	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		06/18/22 03:48	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/18/22 03:48	108-90-7	
Chloroethane	ND	ug/L	5.0	1		06/18/22 03:48	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/18/22 03:48	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/18/22 03:48	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/18/22 03:48	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/18/22 03:48	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		06/18/22 03:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/18/22 03:48	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		06/18/22 03:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/18/22 03:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/18/22 03:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/18/22 03:48	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/18/22 03:48	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/18/22 03:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/18/22 03:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/18/22 03:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/18/22 03:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		06/18/22 03:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/18/22 03:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/18/22 03:48	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/18/22 03:48	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/18/22 03:48	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/18/22 03:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/18/22 03:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/18/22 03:48	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		06/18/22 03:48	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		06/18/22 03:48	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/18/22 03:48	87-68-3	
n-Hexane	ND	ug/L	5.0	1		06/18/22 03:48	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		06/18/22 03:48	591-78-6	
Iodomethane	ND	ug/L	10.0	1		06/18/22 03:48	74-88-4	

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: MW-43D		Lab ID: 50318531034		Collected: 06/09/22 13:00		Received: 06/09/22 15:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Indiana		Analytical Method: EPA 5030/8260 Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/18/22 03:48	98-82-8		
p-Isopropyltoluene	ND	ug/L	5.0	1		06/18/22 03:48	99-87-6		
Methylene Chloride	ND	ug/L	5.0	1		06/18/22 03:48	75-09-2		
1-Methylnaphthalene	ND	ug/L	10.0	1		06/18/22 03:48	90-12-0	L1	
2-Methylnaphthalene	ND	ug/L	10.0	1		06/18/22 03:48	91-57-6	L1	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/18/22 03:48	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/18/22 03:48	1634-04-4		
Naphthalene	ND	ug/L	1.2	1		06/18/22 03:48	91-20-3		
n-Propylbenzene	ND	ug/L	5.0	1		06/18/22 03:48	103-65-1		
Styrene	ND	ug/L	5.0	1		06/18/22 03:48	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/18/22 03:48	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/18/22 03:48	79-34-5		
Tetrachloroethene	ND	ug/L	5.0	1		06/18/22 03:48	127-18-4		
Toluene	ND	ug/L	5.0	1		06/18/22 03:48	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/18/22 03:48	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/18/22 03:48	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/18/22 03:48	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/18/22 03:48	79-00-5		
Trichloroethene	ND	ug/L	5.0	1		06/18/22 03:48	79-01-6		
Trichlorofluoromethane	ND	ug/L	5.0	1		06/18/22 03:48	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/18/22 03:48	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/18/22 03:48	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/18/22 03:48	108-67-8		
Vinyl acetate	ND	ug/L	50.0	1		06/18/22 03:48	108-05-4		
Vinyl chloride	ND	ug/L	2.0	1		06/18/22 03:48	75-01-4		
Xylene (Total)	ND	ug/L	10.0	1		06/18/22 03:48	1330-20-7		
Surrogates									
Dibromofluoromethane (S)	100	%.	82-128	1		06/18/22 03:48	1868-53-7		
4-Bromofluorobenzene (S)	96	%.	79-124	1		06/18/22 03:48	460-00-4		
Toluene-d8 (S)	100	%.	73-122	1		06/18/22 03:48	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: Trip Blank		Lab ID: 50318531035	Collected: 06/09/22 08:00	Received: 06/09/22 15:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Indiana		Analytical Method: EPA 5030/8260						
		Pace Analytical Services - Indianapolis						
Acetone	ND	ug/L	100	1		06/18/22 04:17	67-64-1	
Acrolein	ND	ug/L	50.0	1		06/18/22 04:17	107-02-8	
Acrylonitrile	ND	ug/L	100	1		06/18/22 04:17	107-13-1	
Benzene	ND	ug/L	5.0	1		06/18/22 04:17	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		06/18/22 04:17	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		06/18/22 04:17	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		06/18/22 04:17	75-27-4	
Bromoform	ND	ug/L	5.0	1		06/18/22 04:17	75-25-2	
Bromomethane	ND	ug/L	5.0	1		06/18/22 04:17	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		06/18/22 04:17	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		06/18/22 04:17	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		06/18/22 04:17	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		06/18/22 04:17	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		06/18/22 04:17	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		06/18/22 04:17	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		06/18/22 04:17	108-90-7	
Chloroethane	ND	ug/L	5.0	1		06/18/22 04:17	75-00-3	
Chloroform	ND	ug/L	5.0	1		06/18/22 04:17	67-66-3	
Chloromethane	ND	ug/L	5.0	1		06/18/22 04:17	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		06/18/22 04:17	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		06/18/22 04:17	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		06/18/22 04:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		06/18/22 04:17	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		06/18/22 04:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		06/18/22 04:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		06/18/22 04:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		06/18/22 04:17	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		06/18/22 04:17	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		06/18/22 04:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		06/18/22 04:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		06/18/22 04:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		06/18/22 04:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		06/18/22 04:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		06/18/22 04:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		06/18/22 04:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		06/18/22 04:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		06/18/22 04:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		06/18/22 04:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		06/18/22 04:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		06/18/22 04:17	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		06/18/22 04:17	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		06/18/22 04:17	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		06/18/22 04:17	87-68-3	
n-Hexane	ND	ug/L	5.0	1		06/18/22 04:17	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		06/18/22 04:17	591-78-6	
Iodomethane	ND	ug/L	10.0	1		06/18/22 04:17	74-88-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: HRID 2Q2022

Pace Project No.: 50318531

Sample: Trip Blank		Lab ID: 50318531035		Collected: 06/09/22 08:00		Received: 06/09/22 15:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV Indiana		Analytical Method: EPA 5030/8260							
		Pace Analytical Services - Indianapolis							
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		06/18/22 04:17	98-82-8		
p-Isopropyltoluene	ND	ug/L	5.0	1		06/18/22 04:17	99-87-6		
Methylene Chloride	ND	ug/L	5.0	1		06/18/22 04:17	75-09-2		
1-Methylnaphthalene	ND	ug/L	10.0	1		06/18/22 04:17	90-12-0	L1	
2-Methylnaphthalene	ND	ug/L	10.0	1		06/18/22 04:17	91-57-6	L1	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		06/18/22 04:17	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	4.0	1		06/18/22 04:17	1634-04-4		
Naphthalene	ND	ug/L	1.2	1		06/18/22 04:17	91-20-3		
n-Propylbenzene	ND	ug/L	5.0	1		06/18/22 04:17	103-65-1		
Styrene	ND	ug/L	5.0	1		06/18/22 04:17	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		06/18/22 04:17	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		06/18/22 04:17	79-34-5		
Tetrachloroethene	ND	ug/L	5.0	1		06/18/22 04:17	127-18-4		
Toluene	ND	ug/L	5.0	1		06/18/22 04:17	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		06/18/22 04:17	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		06/18/22 04:17	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	5.0	1		06/18/22 04:17	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	5.0	1		06/18/22 04:17	79-00-5		
Trichloroethene	ND	ug/L	5.0	1		06/18/22 04:17	79-01-6		
Trichlorofluoromethane	ND	ug/L	5.0	1		06/18/22 04:17	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	5.0	1		06/18/22 04:17	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		06/18/22 04:17	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		06/18/22 04:17	108-67-8		
Vinyl acetate	ND	ug/L	50.0	1		06/18/22 04:17	108-05-4		
Vinyl chloride	ND	ug/L	2.0	1		06/18/22 04:17	75-01-4		
Xylene (Total)	ND	ug/L	10.0	1		06/18/22 04:17	1330-20-7		
Surrogates									
Dibromofluoromethane (S)	98	%.	82-128	1		06/18/22 04:17	1868-53-7		
4-Bromofluorobenzene (S)	97	%.	79-124	1		06/18/22 04:17	460-00-4		
Toluene-d8 (S)	101	%.	73-122	1		06/18/22 04:17	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: HRID 2Q2022

Pace Project No.: 50318531

QC Batch: 681370

Analysis Method: EPA 5030/8260

QC Batch Method: EPA 5030/8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50318531001, 50318531003, 50318531004, 50318531005, 50318531006, 50318531007

METHOD BLANK: 3136133

Matrix: Water

Associated Lab Samples: 50318531001, 50318531003, 50318531004, 50318531005, 50318531006, 50318531007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	06/13/22 14:43	
1,1,1-Trichloroethane	ug/L	ND	5.0	06/13/22 14:43	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	06/13/22 14:43	
1,1,2-Trichloroethane	ug/L	ND	5.0	06/13/22 14:43	
1,1-Dichloroethane	ug/L	ND	5.0	06/13/22 14:43	
1,1-Dichloroethene	ug/L	ND	5.0	06/13/22 14:43	
1,1-Dichloropropene	ug/L	ND	5.0	06/13/22 14:43	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	06/13/22 14:43	
1,2,3-Trichloropropane	ug/L	ND	5.0	06/13/22 14:43	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	06/13/22 14:43	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	06/13/22 14:43	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	06/13/22 14:43	
1,2-Dichlorobenzene	ug/L	ND	5.0	06/13/22 14:43	
1,2-Dichloroethane	ug/L	ND	5.0	06/13/22 14:43	
1,2-Dichloropropane	ug/L	ND	5.0	06/13/22 14:43	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	06/13/22 14:43	
1,3-Dichlorobenzene	ug/L	ND	5.0	06/13/22 14:43	
1,3-Dichloropropane	ug/L	ND	5.0	06/13/22 14:43	
1,4-Dichlorobenzene	ug/L	ND	5.0	06/13/22 14:43	
1-Methylnaphthalene	ug/L	ND	10.0	06/13/22 14:43	
2,2-Dichloropropane	ug/L	ND	5.0	06/13/22 14:43	
2-Butanone (MEK)	ug/L	ND	25.0	06/13/22 14:43	
2-Chlorotoluene	ug/L	ND	5.0	06/13/22 14:43	
2-Hexanone	ug/L	ND	25.0	06/13/22 14:43	
2-Methylnaphthalene	ug/L	ND	10.0	06/13/22 14:43	
4-Chlorotoluene	ug/L	ND	5.0	06/13/22 14:43	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	06/13/22 14:43	
Acetone	ug/L	ND	100	06/13/22 14:43	
Acrolein	ug/L	ND	50.0	06/13/22 14:43	
Acrylonitrile	ug/L	ND	100	06/13/22 14:43	
Benzene	ug/L	ND	5.0	06/13/22 14:43	
Bromobenzene	ug/L	ND	5.0	06/13/22 14:43	
Bromochloromethane	ug/L	ND	5.0	06/13/22 14:43	
Bromodichloromethane	ug/L	ND	5.0	06/13/22 14:43	
Bromoform	ug/L	ND	5.0	06/13/22 14:43	
Bromomethane	ug/L	ND	5.0	06/13/22 14:43	
Carbon disulfide	ug/L	ND	10.0	06/13/22 14:43	
Carbon tetrachloride	ug/L	ND	5.0	06/13/22 14:43	
Chlorobenzene	ug/L	ND	5.0	06/13/22 14:43	
Chloroethane	ug/L	ND	5.0	06/13/22 14:43	

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QUALITY CONTROL DATA

Project: HRID 2Q2022

Pace Project No.: 50318531

METHOD BLANK: 3136133

Matrix: Water

Associated Lab Samples: 50318531001, 50318531003, 50318531004, 50318531005, 50318531006, 50318531007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroform	ug/L	ND	5.0	06/13/22 14:43	
Chloromethane	ug/L	ND	5.0	06/13/22 14:43	
cis-1,2-Dichloroethene	ug/L	ND	5.0	06/13/22 14:43	
cis-1,3-Dichloropropene	ug/L	ND	5.0	06/13/22 14:43	
Dibromochloromethane	ug/L	ND	5.0	06/13/22 14:43	
Dibromomethane	ug/L	ND	5.0	06/13/22 14:43	
Dichlorodifluoromethane	ug/L	ND	5.0	06/13/22 14:43	
Ethyl methacrylate	ug/L	ND	100	06/13/22 14:43	
Ethylbenzene	ug/L	ND	5.0	06/13/22 14:43	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	06/13/22 14:43	
Iodomethane	ug/L	ND	10.0	06/13/22 14:43	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	06/13/22 14:43	
Methyl-tert-butyl ether	ug/L	ND	4.0	06/13/22 14:43	
Methylene Chloride	ug/L	ND	5.0	06/13/22 14:43	
n-Butylbenzene	ug/L	ND	5.0	06/13/22 14:43	
n-Hexane	ug/L	ND	5.0	06/13/22 14:43	
n-Propylbenzene	ug/L	ND	5.0	06/13/22 14:43	
Naphthalene	ug/L	ND	1.2	06/13/22 14:43	
p-Isopropyltoluene	ug/L	ND	5.0	06/13/22 14:43	
sec-Butylbenzene	ug/L	ND	5.0	06/13/22 14:43	
Styrene	ug/L	ND	5.0	06/13/22 14:43	
tert-Butylbenzene	ug/L	ND	5.0	06/13/22 14:43	
Tetrachloroethene	ug/L	ND	5.0	06/13/22 14:43	
Toluene	ug/L	ND	5.0	06/13/22 14:43	
trans-1,2-Dichloroethene	ug/L	ND	5.0	06/13/22 14:43	
trans-1,3-Dichloropropene	ug/L	ND	5.0	06/13/22 14:43	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	06/13/22 14:43	
Trichloroethene	ug/L	ND	5.0	06/13/22 14:43	
Trichlorofluoromethane	ug/L	ND	5.0	06/13/22 14:43	
Vinyl acetate	ug/L	ND	50.0	06/13/22 14:43	
Vinyl chloride	ug/L	ND	2.0	06/13/22 14:43	
Xylene (Total)	ug/L	ND	10.0	06/13/22 14:43	
4-Bromofluorobenzene (S)	%	100	79-124	06/13/22 14:43	
Dibromofluoromethane (S)	%	103	82-128	06/13/22 14:43	1d
Toluene-d8 (S)	%	99	73-122	06/13/22 14:43	

LABORATORY CONTROL SAMPLE: 3136134

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	58.4	117	77-125	
1,1,1-Trichloroethane	ug/L	50	52.2	104	69-125	
1,1,2,2-Tetrachloroethane	ug/L	50	54.9	110	72-123	
1,1,2-Trichloroethane	ug/L	50	53.8	108	73-124	
1,1-Dichloroethane	ug/L	50	52.4	105	71-124	

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QUALITY CONTROL DATA

Project: HRID 2Q2022

Pace Project No.: 50318531

LABORATORY CONTROL SAMPLE: 3136134

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	54.7	109	63-138	
1,1-Dichloropropene	ug/L	50	59.5	119	80-142	
1,2,3-Trichlorobenzene	ug/L	50	54.8	110	67-134	
1,2,3-Trichloropropane	ug/L	50	54.3	109	75-122	
1,2,4-Trichlorobenzene	ug/L	50	55.1	110	68-132	
1,2,4-Trimethylbenzene	ug/L	50	52.2	104	71-121	
1,2-Dibromoethane (EDB)	ug/L	50	54.7	109	75-123	
1,2-Dichlorobenzene	ug/L	50	50.9	102	76-118	
1,2-Dichloroethane	ug/L	50	49.9	100	68-126	
1,2-Dichloropropane	ug/L	50	52.7	105	73-127	
1,3,5-Trimethylbenzene	ug/L	50	51.7	103	72-120	
1,3-Dichlorobenzene	ug/L	50	51.6	103	75-119	
1,3-Dichloropropane	ug/L	50	54.1	108	77-125	
1,4-Dichlorobenzene	ug/L	50	50.6	101	74-118	
1-Methylnaphthalene	ug/L	50	58.2	116	51-164	
2,2-Dichloropropane	ug/L	50	63.4	127	52-137	
2-Butanone (MEK)	ug/L	250	267	107	57-130	
2-Chlorotoluene	ug/L	50	51.4	103	69-123	
2-Hexanone	ug/L	250	274	110	57-130	
2-Methylnaphthalene	ug/L	50	60.9	122	57-159	
4-Chlorotoluene	ug/L	50	51.8	104	74-122	
4-Methyl-2-pentanone (MIBK)	ug/L	250	275	110	58-134	
Acetone	ug/L	250	274	110	41-133	
Acrolein	ug/L	1000	2020	202	43-124	L1
Acrylonitrile	ug/L	250	283	113	66-131	
Benzene	ug/L	50	51.9	104	76-121	
Bromobenzene	ug/L	50	54.0	108	67-127	
Bromochloromethane	ug/L	50	53.2	106	65-126	
Bromodichloromethane	ug/L	50	55.7	111	72-125	
Bromoform	ug/L	50	62.2	124	57-134	
Bromomethane	ug/L	50	46.4	93	10-187	
Carbon disulfide	ug/L	50	50.2	100	59-125	
Carbon tetrachloride	ug/L	50	59.1	118	71-134	
Chlorobenzene	ug/L	50	50.9	102	74-119	
Chloroethane	ug/L	50	53.2	106	49-152	
Chloroform	ug/L	50	50.9	102	68-123	
Chloromethane	ug/L	50	54.5	109	33-133	
cis-1,2-Dichloroethene	ug/L	50	52.5	105	73-122	
cis-1,3-Dichloropropene	ug/L	50	55.4	111	69-128	
Dibromochloromethane	ug/L	50	60.1	120	69-127	
Dibromomethane	ug/L	50	54.7	109	74-126	
Dichlorodifluoromethane	ug/L	50	50.0	100	19-136	
Ethyl methacrylate	ug/L	50	56.1J	112	65-127	
Ethylbenzene	ug/L	50	52.2	104	74-122	
Hexachloro-1,3-butadiene	ug/L	50	56.9	114	65-140	
Iodomethane	ug/L	50	61.9	124	10-181	
Isopropylbenzene (Cumene)	ug/L	50	53.8	108	75-124	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: HRID 2Q2022

Pace Project No.: 50318531

LABORATORY CONTROL SAMPLE: 3136134

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methyl-tert-butyl ether	ug/L	50	52.9	106	71-125	
Methylene Chloride	ug/L	50	49.7	99	71-125	
n-Butylbenzene	ug/L	50	52.7	105	68-124	
n-Hexane	ug/L	50	60.5	121	60-132	
n-Propylbenzene	ug/L	50	52.5	105	75-122	
Naphthalene	ug/L	50	55.0	110	69-128	
p-Isopropyltoluene	ug/L	50	53.5	107	73-125	
sec-Butylbenzene	ug/L	50	54.4	109	76-125	
Styrene	ug/L	50	52.7	105	74-126	
tert-Butylbenzene	ug/L	50	48.6	97	69-123	
Tetrachloroethene	ug/L	50	56.3	113	74-129	
Toluene	ug/L	50	50.7	101	70-118	
trans-1,2-Dichloroethene	ug/L	50	53.6	107	69-124	
trans-1,3-Dichloropropene	ug/L	50	55.9	112	66-125	
trans-1,4-Dichloro-2-butene	ug/L	50	63.8J	128	43-155	
Trichloroethene	ug/L	50	53.4	107	73-125	
Trichlorofluoromethane	ug/L	50	53.2	106	56-139	
Vinyl acetate	ug/L	200	242	121	46-101	L1
Vinyl chloride	ug/L	50	54.2	108	46-134	
Xylene (Total)	ug/L	150	157	105	71-123	
4-Bromofluorobenzene (S)	%.			102	79-124	
Dibromofluoromethane (S)	%.			101	82-128	
Toluene-d8 (S)	%.			100	73-122	

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QUALITY CONTROL DATA

Project: HRID 2Q2022

Pace Project No.: 50318531

QC Batch: 681590

Analysis Method: EPA 5030/8260

QC Batch Method: EPA 5030/8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50318531002, 50318531008, 50318531009, 50318531010, 50318531011, 50318531012, 50318531013, 50318531014

METHOD BLANK: 3136928

Matrix: Water

Associated Lab Samples: 50318531002, 50318531008, 50318531009, 50318531010, 50318531011, 50318531012, 50318531013, 50318531014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	06/14/22 13:43	
1,1,1-Trichloroethane	ug/L	ND	5.0	06/14/22 13:43	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	06/14/22 13:43	
1,1,2-Trichloroethane	ug/L	ND	5.0	06/14/22 13:43	
1,1-Dichloroethane	ug/L	ND	5.0	06/14/22 13:43	
1,1-Dichloroethene	ug/L	ND	5.0	06/14/22 13:43	
1,1-Dichloropropene	ug/L	ND	5.0	06/14/22 13:43	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	06/14/22 13:43	
1,2,3-Trichloropropane	ug/L	ND	5.0	06/14/22 13:43	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	06/14/22 13:43	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	06/14/22 13:43	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	06/14/22 13:43	
1,2-Dichlorobenzene	ug/L	ND	5.0	06/14/22 13:43	
1,2-Dichloroethane	ug/L	ND	5.0	06/14/22 13:43	
1,2-Dichloropropane	ug/L	ND	5.0	06/14/22 13:43	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	06/14/22 13:43	
1,3-Dichlorobenzene	ug/L	ND	5.0	06/14/22 13:43	
1,3-Dichloropropane	ug/L	ND	5.0	06/14/22 13:43	
1,4-Dichlorobenzene	ug/L	ND	5.0	06/14/22 13:43	
1-Methylnaphthalene	ug/L	ND	10.0	06/14/22 13:43	
2,2-Dichloropropane	ug/L	ND	5.0	06/14/22 13:43	
2-Butanone (MEK)	ug/L	ND	25.0	06/14/22 13:43	
2-Chlorotoluene	ug/L	ND	5.0	06/14/22 13:43	
2-Hexanone	ug/L	ND	25.0	06/14/22 13:43	
2-Methylnaphthalene	ug/L	ND	10.0	06/14/22 13:43	
4-Chlorotoluene	ug/L	ND	5.0	06/14/22 13:43	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	06/14/22 13:43	
Acetone	ug/L	ND	100	06/14/22 13:43	
Acrolein	ug/L	ND	50.0	06/14/22 13:43	
Acrylonitrile	ug/L	ND	100	06/14/22 13:43	
Benzene	ug/L	ND	5.0	06/14/22 13:43	
Bromobenzene	ug/L	ND	5.0	06/14/22 13:43	
Bromochloromethane	ug/L	ND	5.0	06/14/22 13:43	
Bromodichloromethane	ug/L	ND	5.0	06/14/22 13:43	
Bromoform	ug/L	ND	5.0	06/14/22 13:43	
Bromomethane	ug/L	ND	5.0	06/14/22 13:43	
Carbon disulfide	ug/L	ND	10.0	06/14/22 13:43	
Carbon tetrachloride	ug/L	ND	5.0	06/14/22 13:43	
Chlorobenzene	ug/L	ND	5.0	06/14/22 13:43	

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QUALITY CONTROL DATA

Project: HRID 2Q2022

Pace Project No.: 50318531

METHOD BLANK: 3136928

Matrix: Water

Associated Lab Samples: 50318531002, 50318531008, 50318531009, 50318531010, 50318531011, 50318531012, 50318531013, 50318531014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroethane	ug/L	ND	5.0	06/14/22 13:43	
Chloroform	ug/L	ND	5.0	06/14/22 13:43	
Chloromethane	ug/L	ND	5.0	06/14/22 13:43	
cis-1,2-Dichloroethene	ug/L	ND	5.0	06/14/22 13:43	
cis-1,3-Dichloropropene	ug/L	ND	5.0	06/14/22 13:43	
Dibromochloromethane	ug/L	ND	5.0	06/14/22 13:43	
Dibromomethane	ug/L	ND	5.0	06/14/22 13:43	
Dichlorodifluoromethane	ug/L	ND	5.0	06/14/22 13:43	
Ethyl methacrylate	ug/L	ND	100	06/14/22 13:43	
Ethylbenzene	ug/L	ND	5.0	06/14/22 13:43	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	06/14/22 13:43	
Iodomethane	ug/L	ND	10.0	06/14/22 13:43	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	06/14/22 13:43	
Methyl-tert-butyl ether	ug/L	ND	4.0	06/14/22 13:43	
Methylene Chloride	ug/L	ND	5.0	06/14/22 13:43	
n-Butylbenzene	ug/L	ND	5.0	06/14/22 13:43	
n-Hexane	ug/L	ND	5.0	06/14/22 13:43	
n-Propylbenzene	ug/L	ND	5.0	06/14/22 13:43	
Naphthalene	ug/L	ND	1.2	06/14/22 13:43	
p-Isopropyltoluene	ug/L	ND	5.0	06/14/22 13:43	
sec-Butylbenzene	ug/L	ND	5.0	06/14/22 13:43	
Styrene	ug/L	ND	5.0	06/14/22 13:43	
tert-Butylbenzene	ug/L	ND	5.0	06/14/22 13:43	
Tetrachloroethene	ug/L	ND	5.0	06/14/22 13:43	
Toluene	ug/L	ND	5.0	06/14/22 13:43	
trans-1,2-Dichloroethene	ug/L	ND	5.0	06/14/22 13:43	
trans-1,3-Dichloropropene	ug/L	ND	5.0	06/14/22 13:43	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	06/14/22 13:43	
Trichloroethene	ug/L	ND	5.0	06/14/22 13:43	
Trichlorofluoromethane	ug/L	ND	5.0	06/14/22 13:43	
Vinyl acetate	ug/L	ND	50.0	06/14/22 13:43	
Vinyl chloride	ug/L	ND	2.0	06/14/22 13:43	
Xylene (Total)	ug/L	ND	10.0	06/14/22 13:43	
4-Bromofluorobenzene (S)	%	98	79-124	06/14/22 13:43	
Dibromofluoromethane (S)	%	102	82-128	06/14/22 13:43	
Toluene-d8 (S)	%	99	73-122	06/14/22 13:43	

LABORATORY CONTROL SAMPLE: 3136929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	56.7	113	77-125	
1,1,1-Trichloroethane	ug/L	50	49.2	98	69-125	
1,1,2,2-Tetrachloroethane	ug/L	50	53.2	106	72-123	

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QUALITY CONTROL DATA

Project: HRID 2Q2022

Pace Project No.: 50318531

LABORATORY CONTROL SAMPLE: 3136929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,2-Trichloroethane	ug/L	50	53.1	106	73-124	
1,1-Dichloroethane	ug/L	50	51.6	103	71-124	
1,1-Dichloroethene	ug/L	50	51.0	102	63-138	
1,1-Dichloropropene	ug/L	50	56.5	113	80-142	
1,2,3-Trichlorobenzene	ug/L	50	52.7	105	67-134	
1,2,3-Trichloropropane	ug/L	50	53.6	107	75-122	
1,2,4-Trichlorobenzene	ug/L	50	54.9	110	68-132	
1,2,4-Trimethylbenzene	ug/L	50	52.1	104	71-121	
1,2-Dibromoethane (EDB)	ug/L	50	53.4	107	75-123	
1,2-Dichlorobenzene	ug/L	50	51.4	103	76-118	
1,2-Dichloroethane	ug/L	50	48.9	98	68-126	
1,2-Dichloropropane	ug/L	50	52.9	106	73-127	
1,3,5-Trimethylbenzene	ug/L	50	51.1	102	72-120	
1,3-Dichlorobenzene	ug/L	50	50.4	101	75-119	
1,3-Dichloropropane	ug/L	50	53.5	107	77-125	
1,4-Dichlorobenzene	ug/L	50	49.1	98	74-118	
1-Methylnaphthalene	ug/L	50	56.0	112	51-164	
2,2-Dichloropropane	ug/L	50	59.3	119	52-137	
2-Butanone (MEK)	ug/L	250	254	102	57-130	
2-Chlorotoluene	ug/L	50	50.6	101	69-123	
2-Hexanone	ug/L	250	256	102	57-130	
2-Methylnaphthalene	ug/L	50	57.7	115	57-159	
4-Chlorotoluene	ug/L	50	52.1	104	74-122	
4-Methyl-2-pentanone (MIBK)	ug/L	250	259	103	58-134	
Acetone	ug/L	250	257	103	41-133	
Acrolein	ug/L	1000	1870	187	43-124	L1
Acrylonitrile	ug/L	250	273	109	66-131	
Benzene	ug/L	50	51.8	104	76-121	
Bromobenzene	ug/L	50	52.1	104	67-127	
Bromochloromethane	ug/L	50	51.6	103	65-126	
Bromodichloromethane	ug/L	50	55.5	111	72-125	
Bromoform	ug/L	50	61.5	123	57-134	
Bromomethane	ug/L	50	30.7	61	10-187	
Carbon disulfide	ug/L	50	47.5	95	59-125	
Carbon tetrachloride	ug/L	50	54.9	110	71-134	
Chlorobenzene	ug/L	50	50.0	100	74-119	
Chloroethane	ug/L	50	51.1	102	49-152	
Chloroform	ug/L	50	50.7	101	68-123	
Chloromethane	ug/L	50	50.2	100	33-133	
cis-1,2-Dichloroethene	ug/L	50	52.2	104	73-122	
cis-1,3-Dichloropropene	ug/L	50	55.0	110	69-128	
Dibromochloromethane	ug/L	50	58.6	117	69-127	
Dibromomethane	ug/L	50	54.5	109	74-126	
Dichlorodifluoromethane	ug/L	50	44.5	89	19-136	
Ethyl methacrylate	ug/L	50	54.1J	108	65-127	
Ethylbenzene	ug/L	50	50.5	101	74-122	
Hexachloro-1,3-butadiene	ug/L	50	56.5	113	65-140	

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QUALITY CONTROL DATA

Project: HRID 2Q2022

Pace Project No.: 50318531

LABORATORY CONTROL SAMPLE: 3136929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iodomethane	ug/L	50	45.8	92	10-181	
Isopropylbenzene (Cumene)	ug/L	50	52.0	104	75-124	
Methyl-tert-butyl ether	ug/L	50	52.4	105	71-125	
Methylene Chloride	ug/L	50	50.3	101	71-125	
n-Butylbenzene	ug/L	50	51.5	103	68-124	
n-Hexane	ug/L	50	56.2	112	60-132	
n-Propylbenzene	ug/L	50	51.9	104	75-122	
Naphthalene	ug/L	50	52.7	105	69-128	
p-Isopropyltoluene	ug/L	50	53.0	106	73-125	
sec-Butylbenzene	ug/L	50	52.8	106	76-125	
Styrene	ug/L	50	52.2	104	74-126	
tert-Butylbenzene	ug/L	50	48.2	96	69-123	
Tetrachloroethene	ug/L	50	52.7	105	74-129	
Toluene	ug/L	50	49.4	99	70-118	
trans-1,2-Dichloroethene	ug/L	50	52.0	104	69-124	
trans-1,3-Dichloropropene	ug/L	50	55.0	110	66-125	
trans-1,4-Dichloro-2-butene	ug/L	50	60.9J	122	43-155	
Trichloroethene	ug/L	50	51.6	103	73-125	
Trichlorofluoromethane	ug/L	50	48.2	96	56-139	
Vinyl acetate	ug/L	200	236	118	46-101 L1	
Vinyl chloride	ug/L	50	49.8	100	46-134	
Xylene (Total)	ug/L	150	154	103	71-123	
4-Bromofluorobenzene (S)	%			100	79-124	
Dibromofluoromethane (S)	%			101	82-128	
Toluene-d8 (S)	%			99	73-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3136930 3136931

Parameter	Units	50318531002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	58.6	59.2	117	118	64-142	1	20	
1,1,1-Trichloroethane	ug/L	ND	50	50	56.1	57.6	112	115	60-143	3	20	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	53.1	54.3	106	109	64-135	2	20	
1,1,2-Trichloroethane	ug/L	ND	50	50	54.1	55.1	108	110	66-137	2	20	
1,1-Dichloroethane	ug/L	ND	50	50	52.6	53.6	105	107	62-144	2	20	
1,1-Dichloroethene	ug/L	ND	50	50	63.8	64.3	119	120	55-158	1	20	
1,1-Dichloropropene	ug/L	ND	50	50	63.9	65.0	128	130	65-164	2	20	
1,2,3-Trichlorobenzene	ug/L	ND	50	50	47.4	50.5	95	101	35-149	6	20	
1,2,3-Trichloropropane	ug/L	ND	50	50	51.5	54.1	103	108	66-135	5	20	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	49.5	52.0	99	104	27-149	5	20	
1,2,4-Trimethylbenzene	ug/L	ND	50	50	51.9	53.0	104	106	41-140	2	20	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	53.1	54.9	106	110	68-136	3	20	
1,2-Dichlorobenzene	ug/L	ND	50	50	50.2	52.1	100	104	47-140	4	20	
1,2-Dichloroethane	ug/L	ND	50	50	50.6	51.3	101	103	61-144	1	20	
1,2-Dichloropropane	ug/L	ND	50	50	54.1	55.7	108	111	67-141	3	20	

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QUALITY CONTROL DATA

Project: HRID 2Q2022

Pace Project No.: 50318531

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3136930 3136931											
Parameter	Units	50318531002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,3,5-Trimethylbenzene	ug/L	ND	50	50	51.9	53.2	104	106	40-141	3	20
1,3-Dichlorobenzene	ug/L	ND	50	50	49.5	50.5	99	101	39-142	2	20
1,3-Dichloropropane	ug/L	ND	50	50	54.8	55.6	110	111	67-141	1	20
1,4-Dichlorobenzene	ug/L	ND	50	50	48.4	50.9	97	102	39-140	5	20
1-Methylnaphthalene	ug/L	ND	50	50	44.3	51.9	89	104	31-172	16	20
2,2-Dichloropropane	ug/L	ND	50	50	49.7	50.2	99	100	32-144	1	20
2-Butanone (MEK)	ug/L	ND	250	250	233	248	93	99	49-149	6	20
2-Chlorotoluene	ug/L	ND	50	50	52.3	52.8	105	106	37-144	1	20
2-Hexanone	ug/L	ND	250	250	245	259	98	103	48-147	6	20
2-Methylnaphthalene	ug/L	ND	50	50	45.8	53.2	92	106	39-163	15	20
4-Chlorotoluene	ug/L	ND	50	50	51.1	52.4	102	105	34-148	3	20
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	249	263	100	105	50-152	5	20
Acetone	ug/L	ND	250	250	260	283	100	109	23-157	8	20
Acrolein	ug/L	ND	1000	1000	1810	1840	181	184	25-137	2	20 M0
Acrylonitrile	ug/L	ND	250	250	260	276	104	110	56-149	6	20
Benzene	ug/L	ND	50	50	55.2	56.4	110	113	68-139	2	20
Bromobenzene	ug/L	ND	50	50	51.5	53.5	103	107	49-142	4	20
Bromochloromethane	ug/L	ND	50	50	55.7	57.6	111	115	58-143	3	20
Bromodichloromethane	ug/L	ND	50	50	57.0	58.7	114	117	65-139	3	20
Bromoform	ug/L	ND	50	50	60.8	63.4	122	127	51-139	4	20
Bromomethane	ug/L	ND	50	50	20.3	22.6	41	45	10-189	11	20
Carbon disulfide	ug/L	ND	50	50	53.3	53.5	107	107	45-143	0	20
Carbon tetrachloride	ug/L	ND	50	50	63.8	65.3	128	131	61-153	2	20
Chlorobenzene	ug/L	ND	50	50	52.5	53.0	105	106	57-137	1	20
Chloroethane	ug/L	ND	50	50	59.8	60.7	120	121	41-183	1	20
Chloroform	ug/L	ND	50	50	53.4	53.9	107	108	61-138	1	20
Chloromethane	ug/L	ND	50	50	61.1	62.0	122	124	25-150	1	20
cis-1,2-Dichloroethene	ug/L	4500	50	50	3860	3690	-1270	-1620	58-142	5	20 E,M1
cis-1,3-Dichloropropene	ug/L	ND	50	50	53.5	55.1	107	110	53-140	3	20
Dibromochloromethane	ug/L	ND	50	50	59.2	61.6	118	123	61-139	4	20
Dibromomethane	ug/L	ND	50	50	54.1	55.9	108	112	69-138	3	20
Dichlorodifluoromethane	ug/L	ND	50	50	56.9	56.6	114	113	10-150	1	20
Ethyl methacrylate	ug/L	ND	50	50	53J	55.1J	106	110	57-141		20
Ethylbenzene	ug/L	ND	50	50	53.7	54.7	107	109	54-141	2	20
Hexachloro-1,3-butadiene	ug/L	ND	50	50	51.4	53.2	103	106	10-173	3	20
Iodomethane	ug/L	ND	50	50	31.1	40.5	62	81	10-184	26	20 R1
Isopropylbenzene (Cumene)	ug/L	ND	50	50	54.1	55.3	108	111	48-145	2	20
Methyl-tert-butyl ether	ug/L	ND	50	50	51.5	53.3	103	107	62-143	3	20
Methylene Chloride	ug/L	ND	50	50	50.0	51.0	100	102	59-141	2	20
n-Butylbenzene	ug/L	ND	50	50	49.9	50.7	100	101	19-150	1	20
n-Hexane	ug/L	ND	50	50	58.9	59.9	118	120	44-145	2	20
n-Propylbenzene	ug/L	ND	50	50	53.9	54.9	108	110	36-150	2	20
Naphthalene	ug/L	ND	50	50	48.7	53.2	97	106	56-136	9	20
p-Isopropyltoluene	ug/L	ND	50	50	52.2	53.7	104	107	28-152	3	20

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: HRID 2Q2022

Pace Project No.: 50318531

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3136930 3136931											
Parameter	Units	50318531002		MS	MSD	MS		MS	MSD	% Rec	Max
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	RPD
sec-Butylbenzene	ug/L	ND	50	50	50	53.7	54.8	107	110	36-151	2
Styrene	ug/L	ND	50	50	50	53.2	53.8	106	108	51-146	1
tert-Butylbenzene	ug/L	ND	50	50	50	49.5	51.5	99	103	42-142	4
Tetrachloroethene	ug/L	19.5	50	50	50	90.1	94.9	141	151	50-149	5
Toluene	ug/L	ND	50	50	50	52.6	53.7	105	107	59-134	2
trans-1,2-Dichloroethene	ug/L	38.2	50	50	50	99.9	93.3	123	110	57-141	7
trans-1,3-Dichloropropene	ug/L	ND	50	50	50	53.6	54.7	107	109	51-136	2
trans-1,4-Dichloro-2-butene	ug/L	ND	50	50	50	53.5J	56.3J	107	113	26-157	
Trichloroethene	ug/L	13.0	50	50	50	77.9	82.6	130	139	55-147	6
Trichlorofluoromethane	ug/L	ND	50	50	50	59.9	58.7	120	117	55-160	2
Vinyl acetate	ug/L	ND	200	200	200	206	206	103	103	24-109	0
Vinyl chloride	ug/L	112	50	50	50	203	191	182	159	36-154	6
Xylene (Total)	ug/L	ND	150	150	150	159	161	106	107	50-143	2
4-Bromofluorobenzene (S)	%							99	99	79-124	
Dibromofluoromethane (S)	%							100	100	82-128	
Toluene-d8 (S)	%							99	99	73-122	

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QUALITY CONTROL DATA

Project: HRID 2Q2022

Pace Project No.: 50318531

QC Batch:	681779	Analysis Method:	EPA 5030/8260
QC Batch Method:	EPA 5030/8260	Analysis Description:	8260 MSV
		Laboratory:	Pace Analytical Services - Indianapolis
Associated Lab Samples:	50318531015, 50318531016, 50318531017, 50318531018, 50318531020, 50318531021, 50318531024, 50318531025, 50318531026, 50318531027, 50318531028, 50318531029		

METHOD BLANK: 3137602

Matrix: Water

Associated Lab Samples: 50318531015, 50318531016, 50318531017, 50318531018, 50318531020, 50318531021, 50318531024, 50318531025, 50318531026, 50318531027, 50318531028, 50318531029

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	06/15/22 13:19	
1,1,1-Trichloroethane	ug/L	ND	5.0	06/15/22 13:19	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	06/15/22 13:19	
1,1,2-Trichloroethane	ug/L	ND	5.0	06/15/22 13:19	
1,1-Dichloroethane	ug/L	ND	5.0	06/15/22 13:19	
1,1-Dichloroethene	ug/L	ND	5.0	06/15/22 13:19	
1,1-Dichloropropene	ug/L	ND	5.0	06/15/22 13:19	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	06/15/22 13:19	
1,2,3-Trichloropropane	ug/L	ND	5.0	06/15/22 13:19	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	06/15/22 13:19	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	06/15/22 13:19	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	06/15/22 13:19	
1,2-Dichlorobenzene	ug/L	ND	5.0	06/15/22 13:19	
1,2-Dichloroethane	ug/L	ND	5.0	06/15/22 13:19	
1,2-Dichloropropane	ug/L	ND	5.0	06/15/22 13:19	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	06/15/22 13:19	
1,3-Dichlorobenzene	ug/L	ND	5.0	06/15/22 13:19	
1,3-Dichloropropane	ug/L	ND	5.0	06/15/22 13:19	
1,4-Dichlorobenzene	ug/L	ND	5.0	06/15/22 13:19	
1-Methylnaphthalene	ug/L	ND	10.0	06/15/22 13:19	
2,2-Dichloropropane	ug/L	ND	5.0	06/15/22 13:19	
2-Butanone (MEK)	ug/L	ND	25.0	06/15/22 13:19	
2-Chlorotoluene	ug/L	ND	5.0	06/15/22 13:19	
2-Hexanone	ug/L	ND	25.0	06/15/22 13:19	
2-Methylnaphthalene	ug/L	ND	10.0	06/15/22 13:19	
4-Chlorotoluene	ug/L	ND	5.0	06/15/22 13:19	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	06/15/22 13:19	
Acetone	ug/L	ND	100	06/15/22 13:19	
Acrolein	ug/L	ND	50.0	06/15/22 13:19	
Acrylonitrile	ug/L	ND	100	06/15/22 13:19	
Benzene	ug/L	ND	5.0	06/15/22 13:19	
Bromobenzene	ug/L	ND	5.0	06/15/22 13:19	
Bromochloromethane	ug/L	ND	5.0	06/15/22 13:19	
Bromodichloromethane	ug/L	ND	5.0	06/15/22 13:19	
Bromoform	ug/L	ND	5.0	06/15/22 13:19	
Bromomethane	ug/L	ND	5.0	06/15/22 13:19	
Carbon disulfide	ug/L	ND	10.0	06/15/22 13:19	
Carbon tetrachloride	ug/L	ND	5.0	06/15/22 13:19	
Chlorobenzene	ug/L	ND	5.0	06/15/22 13:19	

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QUALITY CONTROL DATA

Project: HRID 2Q2022

Pace Project No.: 50318531

METHOD BLANK: 3137602

Matrix: Water

Associated Lab Samples: 50318531015, 50318531016, 50318531017, 50318531018, 50318531020, 50318531021, 50318531024, 50318531025, 50318531026, 50318531027, 50318531028, 50318531029

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroethane	ug/L	ND	5.0	06/15/22 13:19	
Chloroform	ug/L	ND	5.0	06/15/22 13:19	
Chloromethane	ug/L	ND	5.0	06/15/22 13:19	
cis-1,2-Dichloroethene	ug/L	ND	5.0	06/15/22 13:19	
cis-1,3-Dichloropropene	ug/L	ND	5.0	06/15/22 13:19	
Dibromochloromethane	ug/L	ND	5.0	06/15/22 13:19	
Dibromomethane	ug/L	ND	5.0	06/15/22 13:19	
Dichlorodifluoromethane	ug/L	ND	5.0	06/15/22 13:19	
Ethyl methacrylate	ug/L	ND	100	06/15/22 13:19	
Ethylbenzene	ug/L	ND	5.0	06/15/22 13:19	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	06/15/22 13:19	
Iodomethane	ug/L	ND	10.0	06/15/22 13:19	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	06/15/22 13:19	
Methyl-tert-butyl ether	ug/L	ND	4.0	06/15/22 13:19	
Methylene Chloride	ug/L	ND	5.0	06/15/22 13:19	
n-Butylbenzene	ug/L	ND	5.0	06/15/22 13:19	
n-Hexane	ug/L	ND	5.0	06/15/22 13:19	
n-Propylbenzene	ug/L	ND	5.0	06/15/22 13:19	
Naphthalene	ug/L	ND	1.2	06/15/22 13:19	
p-Isopropyltoluene	ug/L	ND	5.0	06/15/22 13:19	
sec-Butylbenzene	ug/L	ND	5.0	06/15/22 13:19	
Styrene	ug/L	ND	5.0	06/15/22 13:19	
tert-Butylbenzene	ug/L	ND	5.0	06/15/22 13:19	
Tetrachloroethene	ug/L	ND	5.0	06/15/22 13:19	
Toluene	ug/L	ND	5.0	06/15/22 13:19	
trans-1,2-Dichloroethene	ug/L	ND	5.0	06/15/22 13:19	
trans-1,3-Dichloropropene	ug/L	ND	5.0	06/15/22 13:19	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	06/15/22 13:19	
Trichloroethene	ug/L	ND	5.0	06/15/22 13:19	
Trichlorofluoromethane	ug/L	ND	5.0	06/15/22 13:19	
Vinyl acetate	ug/L	ND	50.0	06/15/22 13:19	
Vinyl chloride	ug/L	ND	2.0	06/15/22 13:19	
Xylene (Total)	ug/L	ND	10.0	06/15/22 13:19	
4-Bromofluorobenzene (S)	%	100	79-124	06/15/22 13:19	
Dibromofluoromethane (S)	%	101	82-128	06/15/22 13:19	
Toluene-d8 (S)	%	99	73-122	06/15/22 13:19	

LABORATORY CONTROL SAMPLE: 3137603

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	57.1	114	77-125	
1,1,1-Trichloroethane	ug/L	50	52.9	106	69-125	
1,1,2,2-Tetrachloroethane	ug/L	50	54.0	108	72-123	

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QUALITY CONTROL DATA

Project: HRID 2Q2022

Pace Project No.: 50318531

LABORATORY CONTROL SAMPLE: 3137603

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,2-Trichloroethane	ug/L	50	54.1	108	73-124	
1,1-Dichloroethane	ug/L	50	51.5	103	71-124	
1,1-Dichloroethene	ug/L	50	57.3	115	63-138	
1,1-Dichloropropene	ug/L	50	61.9	124	80-142	
1,2,3-Trichlorobenzene	ug/L	50	52.2	104	67-134	
1,2,3-Trichloropropane	ug/L	50	53.7	107	75-122	
1,2,4-Trichlorobenzene	ug/L	50	54.6	109	68-132	
1,2,4-Trimethylbenzene	ug/L	50	51.9	104	71-121	
1,2-Dibromoethane (EDB)	ug/L	50	54.0	108	75-123	
1,2-Dichlorobenzene	ug/L	50	51.7	103	76-118	
1,2-Dichloroethane	ug/L	50	49.0	98	68-126	
1,2-Dichloropropane	ug/L	50	54.0	108	73-127	
1,3,5-Trimethylbenzene	ug/L	50	52.8	106	72-120	
1,3-Dichlorobenzene	ug/L	50	51.5	103	75-119	
1,3-Dichloropropane	ug/L	50	53.8	108	77-125	
1,4-Dichlorobenzene	ug/L	50	49.9	100	74-118	
1-Methylnaphthalene	ug/L	50	60.6	121	51-164	
2,2-Dichloropropane	ug/L	50	64.8	130	52-137	
2-Butanone (MEK)	ug/L	250	257	103	57-130	
2-Chlorotoluene	ug/L	50	52.0	104	69-123	
2-Hexanone	ug/L	250	268	107	57-130	
2-Methylnaphthalene	ug/L	50	58.7	117	57-159	
4-Chlorotoluene	ug/L	50	53.2	106	74-122	
4-Methyl-2-pentanone (MIBK)	ug/L	250	269	108	58-134	
Acetone	ug/L	250	252	101	41-133	
Acrolein	ug/L	1000	1240	124	43-124	
Acrylonitrile	ug/L	250	280	112	66-131	
Benzene	ug/L	50	53.1	106	76-121	
Bromobenzene	ug/L	50	52.9	106	67-127	
Bromochloromethane	ug/L	50	52.3	105	65-126	
Bromodichloromethane	ug/L	50	56.2	112	72-125	
Bromoform	ug/L	50	62.2	124	57-134	
Bromomethane	ug/L	50	29.8	60	10-187	
Carbon disulfide	ug/L	50	53.0	106	59-125	
Carbon tetrachloride	ug/L	50	61.0	122	71-134	
Chlorobenzene	ug/L	50	51.3	103	74-119	
Chloroethane	ug/L	50	55.2	110	49-152	
Chloroform	ug/L	50	51.3	103	68-123	
Chloromethane	ug/L	50	60.6	121	33-133	
cis-1,2-Dichloroethene	ug/L	50	54.2	108	73-122	
cis-1,3-Dichloropropene	ug/L	50	55.8	112	69-128	
Dibromochloromethane	ug/L	50	60.2	120	69-127	
Dibromomethane	ug/L	50	54.5	109	74-126	
Dichlorodifluoromethane	ug/L	50	73.0	146	19-136 L1	
Ethyl methacrylate	ug/L	50	53.9J	108	65-127	
Ethylbenzene	ug/L	50	52.1	104	74-122	
Hexachloro-1,3-butadiene	ug/L	50	56.2	112	65-140	

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QUALITY CONTROL DATA

Project: HRID 2Q2022

Pace Project No.: 50318531

LABORATORY CONTROL SAMPLE: 3137603

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iodomethane	ug/L	50	43.5	87	10-181	
Isopropylbenzene (Cumene)	ug/L	50	53.2	106	75-124	
Methyl-tert-butyl ether	ug/L	50	52.3	105	71-125	
Methylene Chloride	ug/L	50	51.9	104	71-125	
n-Butylbenzene	ug/L	50	52.8	106	68-124	
n-Hexane	ug/L	50	66.1	132	60-132	
n-Propylbenzene	ug/L	50	54.3	109	75-122	
Naphthalene	ug/L	50	53.7	107	69-128	
p-Isopropyltoluene	ug/L	50	54.6	109	73-125	
sec-Butylbenzene	ug/L	50	55.3	111	76-125	
Styrene	ug/L	50	53.1	106	74-126	
tert-Butylbenzene	ug/L	50	49.4	99	69-123	
Tetrachloroethene	ug/L	50	56.8	114	74-129	
Toluene	ug/L	50	51.2	102	70-118	
trans-1,2-Dichloroethene	ug/L	50	55.1	110	69-124	
trans-1,3-Dichloropropene	ug/L	50	55.9	112	66-125	
trans-1,4-Dichloro-2-butene	ug/L	50	61.1J	122	43-155	
Trichloroethene	ug/L	50	54.1	108	73-125	
Trichlorofluoromethane	ug/L	50	56.6	113	56-139	
Vinyl acetate	ug/L	200	185	93	46-101	
Vinyl chloride	ug/L	50	59.4	119	46-134	
Xylene (Total)	ug/L	150	158	105	71-123	
4-Bromofluorobenzene (S)	%			99	79-124	
Dibromofluoromethane (S)	%			101	82-128	
Toluene-d8 (S)	%			99	73-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3137604 3137605

Parameter	Units	50318531018 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	58.3	55.1	117	110	64-142	6	20
1,1,1-Trichloroethane	ug/L	ND	50	50	55.8	52.8	112	106	60-143	6	20
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	54.9	52.3	110	105	64-135	5	20
1,1,2-Trichloroethane	ug/L	ND	50	50	55.6	51.9	111	104	66-137	7	20
1,1-Dichloroethane	ug/L	ND	50	50	55.7	50.8	111	102	62-144	9	20
1,1-Dichloroethene	ug/L	ND	50	50	60.6	57.4	121	115	55-158	5	20
1,1-Dichloropropene	ug/L	ND	50	50	63.9	61.3	128	123	65-164	4	20
1,2,3-Trichlorobenzene	ug/L	ND	50	50	47.9	48.9	96	98	35-149	2	20
1,2,3-Trichloropropane	ug/L	ND	50	50	54.2	51.5	108	103	66-135	5	20
1,2,4-Trichlorobenzene	ug/L	ND	50	50	49.4	49.4	99	99	27-149	0	20
1,2,4-Trimethylbenzene	ug/L	ND	50	50	51.7	51.1	103	102	41-140	1	20
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	54.3	51.2	109	102	68-136	6	20
1,2-Dichlorobenzene	ug/L	ND	50	50	51.9	48.4	104	97	47-140	7	20
1,2-Dichloroethane	ug/L	ND	50	50	50.9	47.2	102	94	61-144	7	20
1,2-Dichloropropane	ug/L	ND	50	50	55.4	52.2	111	104	67-141	6	20

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QUALITY CONTROL DATA

Project: HRID 2Q2022

Pace Project No.: 50318531

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3137604		3137605							
		50318531018	MS	MSD								
Parameter	Units	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,3,5-Trimethylbenzene	ug/L	ND	50	50	52.2	51.0	104	102	40-141	2	20	
1,3-Dichlorobenzene	ug/L	ND	50	50	50.4	49.3	101	99	39-142	2	20	
1,3-Dichloropropane	ug/L	ND	50	50	55.6	52.3	111	105	67-141	6	20	
1,4-Dichlorobenzene	ug/L	ND	50	50	48.6	48.3	97	97	39-140	1	20	
1-Methylnaphthalene	ug/L	ND	50	50	51.4	54.8	103	110	31-172	6	20	
2,2-Dichloropropane	ug/L	ND	50	50	52.7	49.1	105	98	32-144	7	20	
2-Butanone (MEK)	ug/L	ND	250	250	269	247	108	99	49-149	9	20	
2-Chlorotoluene	ug/L	ND	50	50	52.0	51.2	104	102	37-144	2	20	
2-Hexanone	ug/L	ND	250	250	274	257	110	103	48-147	6	20	
2-Methylnaphthalene	ug/L	ND	50	50	50.2	54.1	100	108	39-163	7	20	
4-Chlorotoluene	ug/L	ND	50	50	52.1	50.5	104	101	34-148	3	20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	278	259	111	103	50-152	7	20	
Acetone	ug/L	ND	250	250	272	250	109	100	23-157	9	20	
Acrolein	ug/L	ND	1000	1000	1190	1110	119	111	25-137	7	20	
Acrylonitrile	ug/L	ND	250	250	281	269	112	107	56-149	5	20	
Benzene	ug/L	ND	50	50	55.6	52.3	111	105	68-139	6	20	
Bromobenzene	ug/L	ND	50	50	53.5	50.8	107	102	49-142	5	20	
Bromochloromethane	ug/L	ND	50	50	55.7	51.5	111	103	58-143	8	20	
Bromodichloromethane	ug/L	ND	50	50	57.2	53.9	114	108	65-139	6	20	
Bromoform	ug/L	ND	50	50	60.2	59.1	120	118	51-139	2	20	
Bromomethane	ug/L	ND	50	50	33.3	34.7	67	69	10-189	4	20	
Carbon disulfide	ug/L	ND	50	50	54.1	52.3	108	105	45-143	3	20	
Carbon tetrachloride	ug/L	ND	50	50	63.4	60.8	127	122	61-153	4	20	
Chlorobenzene	ug/L	ND	50	50	51.7	49.8	103	100	57-137	4	20	
Chloroethane	ug/L	ND	50	50	58.0	54.6	116	109	41-183	6	20	
Chloroform	ug/L	ND	50	50	53.5	50.0	107	100	61-138	7	20	
Chloromethane	ug/L	ND	50	50	62.2	58.7	124	117	25-150	6	20	
cis-1,2-Dichloroethene	ug/L	131	50	50	179	175	97	89	58-142	2	20	
cis-1,3-Dichloropropene	ug/L	ND	50	50	54.0	51.1	108	102	53-140	6	20	
Dibromochloromethane	ug/L	ND	50	50	60.0	56.7	120	113	61-139	6	20	
Dibromomethane	ug/L	ND	50	50	55.6	52.0	111	104	69-138	7	20	
Dichlorodifluoromethane	ug/L	ND	50	50	75.5	72.1	151	144	10-150	5	20	M0
Ethyl methacrylate	ug/L	ND	50	50	54.7J	51.7J	109	103	57-141		20	
Ethylbenzene	ug/L	ND	50	50	53.6	51.2	107	102	54-141	5	20	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	50.6	49.8	101	100	10-173	2	20	
Iodomethane	ug/L	ND	50	50	25.7	33.2	51	66	10-184	25	20	R1
Isopropylbenzene (Cumene)	ug/L	ND	50	50	54.3	52.6	109	105	48-145	3	20	
Methyl-tert-butyl ether	ug/L	ND	50	50	52.4	49.0	105	98	62-143	7	20	
Methylene Chloride	ug/L	ND	50	50	50.4	47.2	101	94	59-141	6	20	
n-Butylbenzene	ug/L	ND	50	50	49.7	49.3	99	99	19-150	1	20	
n-Hexane	ug/L	ND	50	50	58.4	60.4	117	121	44-145	3	20	
n-Propylbenzene	ug/L	ND	50	50	53.9	52.1	108	104	36-150	3	20	
Naphthalene	ug/L	ND	50	50	51.7	51.4	103	103	56-136	1	20	
p-Isopropyltoluene	ug/L	ND	50	50	52.2	51.4	104	103	28-152	2	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: HRID 2Q2022

Pace Project No.: 50318531

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3137604 3137605											
Parameter	Units	50318531018		MS	MSD	MS		MS	MSD	% Rec	Max
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	RPD
sec-Butylbenzene	ug/L	ND	50	50	50	53.4	53.1	107	106	36-151	1
Styrene	ug/L	ND	50	50	50	53.6	51.3	107	103	51-146	4
tert-Butylbenzene	ug/L	ND	50	50	50	49.5	55.5	99	111	42-142	11
Tetrachloroethene	ug/L	5.8	50	50	50	61.0	59.3	110	107	50-149	3
Toluene	ug/L	ND	50	50	50	53.0	50.2	106	100	59-134	5
trans-1,2-Dichloroethene	ug/L	ND	50	50	50	59.3	56.4	113	108	57-141	5
trans-1,3-Dichloropropene	ug/L	ND	50	50	50	53.9	48.3	108	97	51-136	11
trans-1,4-Dichloro-2-butene	ug/L	ND	50	50	50	56.9J	53.7J	114	107	26-157	
Trichloroethene	ug/L	38.1	50	50	50	91.3	88.7	106	101	55-147	3
Trichlorofluoromethane	ug/L	ND	50	50	50	61.0	57.6	122	115	55-160	6
Vinyl acetate	ug/L	ND	200	200	200	158	146	79	73	24-109	8
Vinyl chloride	ug/L	6.7	50	50	50	72.9	69.8	132	126	36-154	4
Xylene (Total)	ug/L	ND	150	150	150	159	152	106	102	50-143	4
4-Bromofluorobenzene (S)	%							99	100	79-124	
Dibromofluoromethane (S)	%							101	101	82-128	
Toluene-d8 (S)	%							99	100	73-122	

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QUALITY CONTROL DATA

Project: HRID 2Q2022

Pace Project No.: 50318531

QC Batch: 682038

Analysis Method: EPA 5030/8260

QC Batch Method: EPA 5030/8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50318531019, 50318531022, 50318531023, 50318531030

METHOD BLANK: 3138855

Matrix: Water

Associated Lab Samples: 50318531019, 50318531022, 50318531023, 50318531030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	06/16/22 15:43	
1,1,1-Trichloroethane	ug/L	ND	5.0	06/16/22 15:43	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	06/16/22 15:43	
1,1,2-Trichloroethane	ug/L	ND	5.0	06/16/22 15:43	
1,1-Dichloroethane	ug/L	ND	5.0	06/16/22 15:43	
1,1-Dichloroethene	ug/L	ND	5.0	06/16/22 15:43	
1,1-Dichloropropene	ug/L	ND	5.0	06/16/22 15:43	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	06/16/22 15:43	
1,2,3-Trichloropropane	ug/L	ND	5.0	06/16/22 15:43	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	06/16/22 15:43	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	06/16/22 15:43	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	06/16/22 15:43	
1,2-Dichlorobenzene	ug/L	ND	5.0	06/16/22 15:43	
1,2-Dichloroethane	ug/L	ND	5.0	06/16/22 15:43	
1,2-Dichloropropane	ug/L	ND	5.0	06/16/22 15:43	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	06/16/22 15:43	
1,3-Dichlorobenzene	ug/L	ND	5.0	06/16/22 15:43	
1,3-Dichloropropane	ug/L	ND	5.0	06/16/22 15:43	
1,4-Dichlorobenzene	ug/L	ND	5.0	06/16/22 15:43	
1-Methylnaphthalene	ug/L	ND	10.0	06/16/22 15:43	
2,2-Dichloropropane	ug/L	ND	5.0	06/16/22 15:43	
2-Butanone (MEK)	ug/L	ND	25.0	06/16/22 15:43	
2-Chlorotoluene	ug/L	ND	5.0	06/16/22 15:43	
2-Hexanone	ug/L	ND	25.0	06/16/22 15:43	
2-Methylnaphthalene	ug/L	ND	10.0	06/16/22 15:43	
4-Chlorotoluene	ug/L	ND	5.0	06/16/22 15:43	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	06/16/22 15:43	
Acetone	ug/L	ND	100	06/16/22 15:43	
Acrolein	ug/L	ND	50.0	06/16/22 15:43	
Acrylonitrile	ug/L	ND	100	06/16/22 15:43	
Benzene	ug/L	ND	5.0	06/16/22 15:43	
Bromobenzene	ug/L	ND	5.0	06/16/22 15:43	
Bromochloromethane	ug/L	ND	5.0	06/16/22 15:43	
Bromodichloromethane	ug/L	ND	5.0	06/16/22 15:43	
Bromoform	ug/L	ND	5.0	06/16/22 15:43	
Bromomethane	ug/L	ND	5.0	06/16/22 15:43	
Carbon disulfide	ug/L	ND	10.0	06/16/22 15:43	
Carbon tetrachloride	ug/L	ND	5.0	06/16/22 15:43	
Chlorobenzene	ug/L	ND	5.0	06/16/22 15:43	
Chloroethane	ug/L	ND	5.0	06/16/22 15:43	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: HRID 2Q2022

Pace Project No.: 50318531

METHOD BLANK: 3138855

Matrix: Water

Associated Lab Samples: 50318531019, 50318531022, 50318531023, 50318531030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroform	ug/L	ND	5.0	06/16/22 15:43	
Chloromethane	ug/L	ND	5.0	06/16/22 15:43	
cis-1,2-Dichloroethene	ug/L	ND	5.0	06/16/22 15:43	
cis-1,3-Dichloropropene	ug/L	ND	5.0	06/16/22 15:43	
Dibromochloromethane	ug/L	ND	5.0	06/16/22 15:43	
Dibromomethane	ug/L	ND	5.0	06/16/22 15:43	
Dichlorodifluoromethane	ug/L	ND	5.0	06/16/22 15:43	
Ethyl methacrylate	ug/L	ND	100	06/16/22 15:43	
Ethylbenzene	ug/L	ND	5.0	06/16/22 15:43	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	06/16/22 15:43	
Iodomethane	ug/L	ND	10.0	06/16/22 15:43	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	06/16/22 15:43	
Methyl-tert-butyl ether	ug/L	ND	4.0	06/16/22 15:43	
Methylene Chloride	ug/L	ND	5.0	06/16/22 15:43	
n-Butylbenzene	ug/L	ND	5.0	06/16/22 15:43	
n-Hexane	ug/L	ND	5.0	06/16/22 15:43	
n-Propylbenzene	ug/L	ND	5.0	06/16/22 15:43	
Naphthalene	ug/L	ND	1.2	06/16/22 15:43	
p-Isopropyltoluene	ug/L	ND	5.0	06/16/22 15:43	
sec-Butylbenzene	ug/L	ND	5.0	06/16/22 15:43	
Styrene	ug/L	ND	5.0	06/16/22 15:43	
tert-Butylbenzene	ug/L	ND	5.0	06/16/22 15:43	
Tetrachloroethene	ug/L	ND	5.0	06/16/22 15:43	
Toluene	ug/L	ND	5.0	06/16/22 15:43	
trans-1,2-Dichloroethene	ug/L	ND	5.0	06/16/22 15:43	
trans-1,3-Dichloropropene	ug/L	ND	5.0	06/16/22 15:43	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	06/16/22 15:43	
Trichloroethene	ug/L	ND	5.0	06/16/22 15:43	
Trichlorofluoromethane	ug/L	ND	5.0	06/16/22 15:43	
Vinyl acetate	ug/L	ND	50.0	06/16/22 15:43	
Vinyl chloride	ug/L	ND	2.0	06/16/22 15:43	
Xylene (Total)	ug/L	ND	10.0	06/16/22 15:43	
4-Bromofluorobenzene (S)	%	99	79-124	06/16/22 15:43	
Dibromofluoromethane (S)	%	99	82-128	06/16/22 15:43	1d
Toluene-d8 (S)	%	102	73-122	06/16/22 15:43	

LABORATORY CONTROL SAMPLE: 3138856

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	59.6	119	77-125	
1,1,1-Trichloroethane	ug/L	50	55.6	111	69-125	
1,1,2,2-Tetrachloroethane	ug/L	50	53.4	107	72-123	
1,1,2-Trichloroethane	ug/L	50	53.5	107	73-124	
1,1-Dichloroethane	ug/L	50	54.3	109	71-124	

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QUALITY CONTROL DATA

Project: HRID 2Q2022

Pace Project No.: 50318531

LABORATORY CONTROL SAMPLE: 3138856

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	51.5	103	63-138	
1,1-Dichloropropene	ug/L	50	60.0	120	80-142	
1,2,3-Trichlorobenzene	ug/L	50	58.5	117	67-134	
1,2,3-Trichloropropane	ug/L	50	55.1	110	75-122	
1,2,4-Trichlorobenzene	ug/L	50	57.6	115	68-132	
1,2,4-Trimethylbenzene	ug/L	50	55.2	110	71-121	
1,2-Dibromoethane (EDB)	ug/L	50	55.7	111	75-123	
1,2-Dichlorobenzene	ug/L	50	53.7	107	76-118	
1,2-Dichloroethane	ug/L	50	56.8	114	68-126	
1,2-Dichloropropane	ug/L	50	53.8	108	73-127	
1,3,5-Trimethylbenzene	ug/L	50	55.2	110	72-120	
1,3-Dichlorobenzene	ug/L	50	54.8	110	75-119	
1,3-Dichloropropane	ug/L	50	55.0	110	77-125	
1,4-Dichlorobenzene	ug/L	50	53.5	107	74-118	
1-Methylnaphthalene	ug/L	50	90.4	181	51-164	L1
2,2-Dichloropropane	ug/L	50	56.5	113	52-137	
2-Butanone (MEK)	ug/L	250	267	107	57-130	
2-Chlorotoluene	ug/L	50	52.6	105	69-123	
2-Hexanone	ug/L	250	307	123	57-130	
2-Methylnaphthalene	ug/L	50	99.7	199	57-159	L1
4-Chlorotoluene	ug/L	50	55.4	111	74-122	
4-Methyl-2-pentanone (MIBK)	ug/L	250	303	121	58-134	
Acetone	ug/L	250	223	89	41-133	
Acrolein	ug/L	1000	970	97	43-124	
Acrylonitrile	ug/L	250	271	108	66-131	
Benzene	ug/L	50	52.2	104	76-121	
Bromobenzene	ug/L	50	53.1	106	67-127	
Bromochloromethane	ug/L	50	56.3	113	65-126	
Bromodichloromethane	ug/L	50	56.7	113	72-125	
Bromoform	ug/L	50	53.5	107	57-134	
Bromomethane	ug/L	50	38.0	76	10-187	
Carbon disulfide	ug/L	50	48.7	97	59-125	
Carbon tetrachloride	ug/L	50	59.7	119	71-134	
Chlorobenzene	ug/L	50	52.8	106	74-119	
Chloroethane	ug/L	50	42.4	85	49-152	
Chloroform	ug/L	50	52.5	105	68-123	
Chloromethane	ug/L	50	39.3	79	33-133	
cis-1,2-Dichloroethene	ug/L	50	54.2	108	73-122	
cis-1,3-Dichloropropene	ug/L	50	55.9	112	69-128	
Dibromochloromethane	ug/L	50	57.3	115	69-127	
Dibromomethane	ug/L	50	55.3	111	74-126	
Dichlorodifluoromethane	ug/L	50	48.6	97	19-136	
Ethyl methacrylate	ug/L	50	54.8J	110	65-127	
Ethylbenzene	ug/L	50	55.2	110	74-122	
Hexachloro-1,3-butadiene	ug/L	50	61.0	122	65-140	
Iodomethane	ug/L	50	29.9	60	10-181	
Isopropylbenzene (Cumene)	ug/L	50	56.8	114	75-124	

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QUALITY CONTROL DATA

Project: HRID 2Q2022

Pace Project No.: 50318531

LABORATORY CONTROL SAMPLE: 3138856

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methyl-tert-butyl ether	ug/L	50	53.6	107	71-125	
Methylene Chloride	ug/L	50	35.0	70	71-125	L2
n-Butylbenzene	ug/L	50	54.2	108	68-124	
n-Hexane	ug/L	50	56.0	112	60-132	
n-Propylbenzene	ug/L	50	55.9	112	75-122	
Naphthalene	ug/L	50	53.8	108	69-128	
p-Isopropyltoluene	ug/L	50	57.2	114	73-125	
sec-Butylbenzene	ug/L	50	56.7	113	76-125	
Styrene	ug/L	50	55.5	111	74-126	
tert-Butylbenzene	ug/L	50	56.8	114	69-123	
Tetrachloroethene	ug/L	50	58.8	118	74-129	
Toluene	ug/L	50	52.9	106	70-118	
trans-1,2-Dichloroethene	ug/L	50	53.5	107	69-124	
trans-1,3-Dichloropropene	ug/L	50	55.8	112	66-125	
trans-1,4-Dichloro-2-butene	ug/L	50	65.5J	131	43-155	
Trichloroethene	ug/L	50	55.1	110	73-125	
Trichlorofluoromethane	ug/L	50	48.9	98	56-139	
Vinyl acetate	ug/L	200	185	93	46-101	
Vinyl chloride	ug/L	50	43.8	88	46-134	
Xylene (Total)	ug/L	150	163	109	71-123	
4-Bromofluorobenzene (S)	%.			97	79-124	
Dibromofluoromethane (S)	%.			101	82-128	
Toluene-d8 (S)	%.			100	73-122	

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QUALITY CONTROL DATA

Project: HRID 2Q2022

Pace Project No.: 50318531

QC Batch: 682329

Analysis Method: EPA 5030/8260

QC Batch Method: EPA 5030/8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50318531031, 50318531032, 50318531033, 50318531034, 50318531035

METHOD BLANK: 3140281

Matrix: Water

Associated Lab Samples: 50318531031, 50318531032, 50318531033, 50318531034, 50318531035

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	06/18/22 01:51	
1,1,1-Trichloroethane	ug/L	ND	5.0	06/18/22 01:51	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	06/18/22 01:51	
1,1,2-Trichloroethane	ug/L	ND	5.0	06/18/22 01:51	
1,1-Dichloroethane	ug/L	ND	5.0	06/18/22 01:51	
1,1-Dichloroethene	ug/L	ND	5.0	06/18/22 01:51	
1,1-Dichloropropene	ug/L	ND	5.0	06/18/22 01:51	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	06/18/22 01:51	
1,2,3-Trichloropropane	ug/L	ND	5.0	06/18/22 01:51	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	06/18/22 01:51	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	06/18/22 01:51	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	06/18/22 01:51	
1,2-Dichlorobenzene	ug/L	ND	5.0	06/18/22 01:51	
1,2-Dichloroethane	ug/L	ND	5.0	06/18/22 01:51	
1,2-Dichloropropane	ug/L	ND	5.0	06/18/22 01:51	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	06/18/22 01:51	
1,3-Dichlorobenzene	ug/L	ND	5.0	06/18/22 01:51	
1,3-Dichloropropane	ug/L	ND	5.0	06/18/22 01:51	
1,4-Dichlorobenzene	ug/L	ND	5.0	06/18/22 01:51	
1-Methylnaphthalene	ug/L	ND	10.0	06/18/22 01:51	
2,2-Dichloropropane	ug/L	ND	5.0	06/18/22 01:51	
2-Butanone (MEK)	ug/L	ND	25.0	06/18/22 01:51	
2-Chlorotoluene	ug/L	ND	5.0	06/18/22 01:51	
2-Hexanone	ug/L	ND	25.0	06/18/22 01:51	
2-Methylnaphthalene	ug/L	ND	10.0	06/18/22 01:51	
4-Chlorotoluene	ug/L	ND	5.0	06/18/22 01:51	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	06/18/22 01:51	
Acetone	ug/L	ND	100	06/18/22 01:51	
Acrolein	ug/L	ND	50.0	06/18/22 01:51	
Acrylonitrile	ug/L	ND	100	06/18/22 01:51	
Benzene	ug/L	ND	5.0	06/18/22 01:51	
Bromobenzene	ug/L	ND	5.0	06/18/22 01:51	
Bromochloromethane	ug/L	ND	5.0	06/18/22 01:51	
Bromodichloromethane	ug/L	ND	5.0	06/18/22 01:51	
Bromoform	ug/L	ND	5.0	06/18/22 01:51	
Bromomethane	ug/L	ND	5.0	06/18/22 01:51	
Carbon disulfide	ug/L	ND	10.0	06/18/22 01:51	
Carbon tetrachloride	ug/L	ND	5.0	06/18/22 01:51	
Chlorobenzene	ug/L	ND	5.0	06/18/22 01:51	
Chloroethane	ug/L	ND	5.0	06/18/22 01:51	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: HRID 2Q2022

Pace Project No.: 50318531

METHOD BLANK: 3140281

Matrix: Water

Associated Lab Samples: 50318531031, 50318531032, 50318531033, 50318531034, 50318531035

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroform	ug/L	ND	5.0	06/18/22 01:51	
Chloromethane	ug/L	ND	5.0	06/18/22 01:51	
cis-1,2-Dichloroethene	ug/L	ND	5.0	06/18/22 01:51	
cis-1,3-Dichloropropene	ug/L	ND	5.0	06/18/22 01:51	
Dibromochloromethane	ug/L	ND	5.0	06/18/22 01:51	
Dibromomethane	ug/L	ND	5.0	06/18/22 01:51	
Dichlorodifluoromethane	ug/L	ND	5.0	06/18/22 01:51	
Ethyl methacrylate	ug/L	ND	100	06/18/22 01:51	
Ethylbenzene	ug/L	ND	5.0	06/18/22 01:51	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	06/18/22 01:51	
Iodomethane	ug/L	ND	10.0	06/18/22 01:51	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	06/18/22 01:51	
Methyl-tert-butyl ether	ug/L	ND	4.0	06/18/22 01:51	
Methylene Chloride	ug/L	ND	5.0	06/18/22 01:51	
n-Butylbenzene	ug/L	ND	5.0	06/18/22 01:51	
n-Hexane	ug/L	ND	5.0	06/18/22 01:51	
n-Propylbenzene	ug/L	ND	5.0	06/18/22 01:51	
Naphthalene	ug/L	ND	1.2	06/18/22 01:51	
p-Isopropyltoluene	ug/L	ND	5.0	06/18/22 01:51	
sec-Butylbenzene	ug/L	ND	5.0	06/18/22 01:51	
Styrene	ug/L	ND	5.0	06/18/22 01:51	
tert-Butylbenzene	ug/L	ND	5.0	06/18/22 01:51	
Tetrachloroethene	ug/L	ND	5.0	06/18/22 01:51	
Toluene	ug/L	ND	5.0	06/18/22 01:51	
trans-1,2-Dichloroethene	ug/L	ND	5.0	06/18/22 01:51	
trans-1,3-Dichloropropene	ug/L	ND	5.0	06/18/22 01:51	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	06/18/22 01:51	
Trichloroethene	ug/L	ND	5.0	06/18/22 01:51	
Trichlorofluoromethane	ug/L	ND	5.0	06/18/22 01:51	
Vinyl acetate	ug/L	ND	50.0	06/18/22 01:51	
Vinyl chloride	ug/L	ND	2.0	06/18/22 01:51	
Xylene (Total)	ug/L	ND	10.0	06/18/22 01:51	
4-Bromofluorobenzene (S)	%	96	79-124	06/18/22 01:51	
Dibromofluoromethane (S)	%	100	82-128	06/18/22 01:51	1d
Toluene-d8 (S)	%	100	73-122	06/18/22 01:51	

LABORATORY CONTROL SAMPLE: 3140282

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	61.1	122	77-125	
1,1,1-Trichloroethane	ug/L	50	55.5	111	69-125	
1,1,2,2-Tetrachloroethane	ug/L	50	53.2	106	72-123	
1,1,2-Trichloroethane	ug/L	50	55.7	111	73-124	
1,1-Dichloroethane	ug/L	50	52.3	105	71-124	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: HRID 2Q2022

Pace Project No.: 50318531

LABORATORY CONTROL SAMPLE: 3140282

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	50.3	101	63-138	
1,1-Dichloropropene	ug/L	50	58.7	117	80-142	
1,2,3-Trichlorobenzene	ug/L	50	58.8	118	67-134	
1,2,3-Trichloropropane	ug/L	50	56.4	113	75-122	
1,2,4-Trichlorobenzene	ug/L	50	56.6	113	68-132	
1,2,4-Trimethylbenzene	ug/L	50	54.3	109	71-121	
1,2-Dibromoethane (EDB)	ug/L	50	57.5	115	75-123	
1,2-Dichlorobenzene	ug/L	50	54.3	109	76-118	
1,2-Dichloroethane	ug/L	50	58.0	116	68-126	
1,2-Dichloropropane	ug/L	50	53.9	108	73-127	
1,3,5-Trimethylbenzene	ug/L	50	54.0	108	72-120	
1,3-Dichlorobenzene	ug/L	50	54.2	108	75-119	
1,3-Dichloropropane	ug/L	50	56.1	112	77-125	
1,4-Dichlorobenzene	ug/L	50	52.7	105	74-118	
1-Methylnaphthalene	ug/L	50	90.8	182	51-164	L1
2,2-Dichloropropane	ug/L	50	44.0	88	52-137	
2-Butanone (MEK)	ug/L	250	275	110	57-130	
2-Chlorotoluene	ug/L	50	51.5	103	69-123	
2-Hexanone	ug/L	250	316	126	57-130	
2-Methylnaphthalene	ug/L	50	99.2	198	57-159	L1
4-Chlorotoluene	ug/L	50	55.3	111	74-122	
4-Methyl-2-pentanone (MIBK)	ug/L	250	308	123	58-134	
Acetone	ug/L	250	234	94	41-133	
Acrolein	ug/L	1000	896	90	43-124	
Acrylonitrile	ug/L	250	273	109	66-131	
Benzene	ug/L	50	52.2	104	76-121	
Bromobenzene	ug/L	50	54.1	108	67-127	
Bromochloromethane	ug/L	50	56.9	114	65-126	
Bromodichloromethane	ug/L	50	56.9	114	72-125	
Bromoform	ug/L	50	54.5	109	57-134	
Bromomethane	ug/L	50	22.9	46	10-187	
Carbon disulfide	ug/L	50	45.7	91	59-125	
Carbon tetrachloride	ug/L	50	59.6	119	71-134	
Chlorobenzene	ug/L	50	54.2	108	74-119	
Chloroethane	ug/L	50	44.6	89	49-152	
Chloroform	ug/L	50	52.9	106	68-123	
Chloromethane	ug/L	50	39.4	79	33-133	
cis-1,2-Dichloroethene	ug/L	50	54.3	109	73-122	
cis-1,3-Dichloropropene	ug/L	50	54.3	109	69-128	
Dibromochloromethane	ug/L	50	58.4	117	69-127	
Dibromomethane	ug/L	50	56.7	113	74-126	
Dichlorodifluoromethane	ug/L	50	47.0	94	19-136	
Ethyl methacrylate	ug/L	50	56.6J	113	65-127	
Ethylbenzene	ug/L	50	55.2	110	74-122	
Hexachloro-1,3-butadiene	ug/L	50	57.5	115	65-140	
Iodomethane	ug/L	50	19.0	38	10-181	
Isopropylbenzene (Cumene)	ug/L	50	56.9	114	75-124	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: HRID 2Q2022

Pace Project No.: 50318531

LABORATORY CONTROL SAMPLE: 3140282

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methyl-tert-butyl ether	ug/L	50	54.4	109	71-125	
Methylene Chloride	ug/L	50	35.7	71	71-125	
n-Butylbenzene	ug/L	50	51.0	102	68-124	
n-Hexane	ug/L	50	47.3	95	60-132	
n-Propylbenzene	ug/L	50	53.5	107	75-122	
Naphthalene	ug/L	50	56.3	113	69-128	
p-Isopropyltoluene	ug/L	50	54.7	109	73-125	
sec-Butylbenzene	ug/L	50	54.6	109	76-125	
Styrene	ug/L	50	56.3	113	74-126	
tert-Butylbenzene	ug/L	50	55.7	111	69-123	
Tetrachloroethene	ug/L	50	58.4	117	74-129	
Toluene	ug/L	50	53.2	106	70-118	
trans-1,2-Dichloroethene	ug/L	50	51.6	103	69-124	
trans-1,3-Dichloropropene	ug/L	50	55.0	110	66-125	
trans-1,4-Dichloro-2-butene	ug/L	50	62.3J	125	43-155	
Trichloroethene	ug/L	50	55.9	112	73-125	
Trichlorofluoromethane	ug/L	50	51.0	102	56-139	
Vinyl acetate	ug/L	200	164	82	46-101	
Vinyl chloride	ug/L	50	44.8	90	46-134	
Xylene (Total)	ug/L	150	164	109	71-123	
4-Bromofluorobenzene (S)	%.			96	79-124	
Dibromofluoromethane (S)	%.			101	82-128	
Toluene-d8 (S)	%.			100	73-122	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: HRID 2Q2022

Pace Project No.: 50318531

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

1d	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

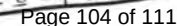
Project: HRID 2Q2022

Pace Project No.: 50318531

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50318531001	MW-11	EPA 5030/8260	681370		
50318531002	MW-30	EPA 5030/8260	681590		
50318531003	MW-31	EPA 5030/8260	681370		
50318531004	MW-23	EPA 5030/8260	681370		
50318531005	MW-37	EPA 5030/8260	681370		
50318531006	MW-25	EPA 5030/8260	681370		
50318531007	MW-32	EPA 5030/8260	681370		
50318531008	MW-26	EPA 5030/8260	681590		
50318531009	MW-39	EPA 5030/8260	681590		
50318531010	Dup A	EPA 5030/8260	681590		
50318531011	MW-33	EPA 5030/8260	681590		
50318531012	MW-33D	EPA 5030/8260	681590		
50318531013	Dup B	EPA 5030/8260	681590		
50318531014	MW-46I	EPA 5030/8260	681590		
50318531015	MW-40	EPA 5030/8260	681779		
50318531016	MW-40D	EPA 5030/8260	681779		
50318531017	MW-24	EPA 5030/8260	681779		
50318531018	MW-22	EPA 5030/8260	681779		
50318531019	MW-22D	EPA 5030/8260	682038		
50318531020	MW-29	EPA 5030/8260	681779		
50318531021	MW-29D	EPA 5030/8260	681779		
50318531022	MW-41	EPA 5030/8260	682038		
50318531023	MW-41D	EPA 5030/8260	682038		
50318531024	MW-12	EPA 5030/8260	681779		
50318531025	MW-12D	EPA 5030/8260	681779		
50318531026	MW-14	EPA 5030/8260	681779		
50318531027	MW-14D	EPA 5030/8260	681779		
50318531028	MW-36	EPA 5030/8260	681779		
50318531029	MW-42	EPA 5030/8260	681779		
50318531030	MW-42D	EPA 5030/8260	682038		
50318531031	MW-15	EPA 5030/8260	682329		
50318531032	MW-15D	EPA 5030/8260	682329		
50318531033	MW-43	EPA 5030/8260	682329		
50318531034	MW-43D	EPA 5030/8260	682329		
50318531035	Trip Blank	EPA 5030/8260	682329		

REPORT OF LABORATORY ANALYSIS

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Pace Container Order #952425

Addresses

Order By :

Company Patriot_Indianapolis
 Contact Cody, James
 Email jcody@patrioteng.com
 Address 6150 E 75th St
 Address 2 _____
 City Indianapolis
 State IN Zip 46250
 Phone (317)576-8058

Ship To :

Company Patriot_Indianapolis
 Contact Cody, James
 Email jcody@patrioteng.com
 Address 6150 E 75th St
 Address 2 _____
 City Indianapolis
 State IN Zip 46250
 Phone (317)576-8058

Return To:

Company Pace Analytical Indianapolis
 Contact Sayer, Tina
 Email tina.sayer@pacelabs.com
 Address 7726 Moller Road
 Address 2 _____
 City Indianapolis
 State IN Zip 46268
 Phone (317)228-3100 127

Info

Project Name HRID 2Q2022 Due Date 05/27/2022 Profile 6950-7 Quote _____
 Project Manager Sayer, Tina Return Date _____ Carrier Pace Courier Location IN

Trip Blanks

☒ Include Trip Blanks

Bottle Labels

☐ Blank
☒ Pre-Printed No Sample IDs
☐ Pre-Printed With Sample IDs

Bottles

☐ Boxed Cases
☐ Individually Wrapped
☐ Grouped By Sample ID/Matrix

Return Shipping Labels

☐ No Shipper
☐ With Shipper

COC Options

☐ Number of Blanks _____
☒ Pre-Printed 4

Misc

☐ Sampling Instructions
☒ Custody Seal
☒ Temp. Blanks _____
☒ Coolers _____
☐ Syringes _____
☐ Extra Bubble Wrap
☐ Short Hold/Rush Stickers
☐ DI Water Liter(s)
☐ USDA Regulated Soils

# of Samples	Matrix	Test	Container	Total	# of	Lot #	Notes
40	WT	IN VOC by 8260	3-40mL clear vials, HCl	120	0		
1	WT	IN Trip Blank	3-40mL vials, HCl + DI Water	3	0		

Hazard Shipping Placard In Place : NO

*Sample receiving hours are typically 8am-5pm, but may differ by location. Please check with your Pace Project Manager.

*Pace Analytical reserves the right to return hazardous, toxic, or radioactive samples to you.

*Pace Analytical reserves the right to charge for unused bottles, as well as cost associated with sample storage/disposal.

*Payment term are net 30 days.

*Please include the proposal number on the chain of custody to insure proper billing.

LAB USE:

Ship Date : 05/25/2022
 Prepared By: KS
 Verified By: mcs
 Tracking Num: _____

Sample

Internal

CLIENT USE (Optional):

Date Rec'd: _____
 Received By: _____
 Verified By: _____



SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: MW 6/9/22 1840

1. Courier: ☐ FED EX ☐ UPS ☒ CLIENT ☐ PACE ☐ USPS ☐ OTHER

2. Custody Seal on Cooler/Box Present: ☒ Yes ☐ No

(If yes) Seals Intact: ☒ Yes ☐ No (leave blank if no seals were present)

3. Thermometer: 1 2 3 4 5 6 A B C D E F

4. Cooler Temperature(s): 2.8 2.8
(Initial/Corrected) RECORD TEMPS OF ALL COOLERS RECEIVED (use Comments below to add more)

5. Packing Material: ☐ Bubble Wrap ☒ Bubble Bags
☐ None ☐ Other

6. Ice Type: ☒ Wet ☐ Blue ☐ None

7. If temp. is over 6°C or under 0°C, was the PM notified?: ☐ Yes ☐ No
Cooler temp should be above freezing to 6°C

All discrepancies will be written out in the comments section below.

	Yes	No		Yes	No	N/A
USDA Regulated Soils? (HI, ID, NY, WA, OR, CA, NM, TX, OK, AR, LA, TN, AL, MS, NC, SC, GA, FL, or Puerto Rico)		☒	All containers needing acid/base preservation have been pH CHECKED?: Exceptions: VOA, coliform, LLHg, O&G, RAD CHEM, and any container with a septum cap or preserved with HCl.			
Short Hold Time Analysis (48 hours or less)? Analysis:		☒	Circle: HNO3 (<2) H2SO4 (<2) NaOH (>10) NaOH/ZnAc (>9) Any non-conformance to pH recommendations will be noted on the container count form			☒
Time 5035A TC placed in Freezer or Short Holds To Lab	Time:			<u>Present</u>	<u>Absent</u>	<u>N/A</u>
Rush TAT Requested (4 days or less):		☒	Residual Chlorine Check (SVOC 625 Pest/PCB 608)			☒
Custody Signatures Present?	☒		Residual Chlorine Check (Total/Amenable/Free Cyanide)			☒
Containers Intact?:	☒		Headspace Wisconsin Sulfide?			☒
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID	☒		Headspace in VOA Vials (>6mm): See Container Count form for details	<u>Present</u>	<u>Absent</u>	<u>No VOA Vials Sent</u>
Extra labels on Terracore Vials? (soils only)			Trip Blank Present?	☒		
			Trip Blank Custody Seals?:	☒		

COMMENTS:

Sample Container Count

** Place a RED dot on containers
that are out of conformance **

COC Line Item	WGFI	R	MeOH (only)	VIALS				AMBER GLASS					PLASTIC								OTHER		Matrix	Matrix																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
			SBS	VOA VIAL HS (>6mm)	VG9U	DG9U	VG9T	AG0U	AG1H	AG1U	AG2U	AG3S	AG3SF	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B		BP3Z	CG3H	Syringe Kit			Nitric	Sulfuric	Sodium Hydroxide	Sodium Hydroxide ZnAc																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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Container Codes

Glass				Plastic			
DG9H	40mL HCl amber vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
DG9S	40mL H2SO4 amber vial	BG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
DG9T	40mL Na Thio amber vial	BG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic	Miscellaneous	
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac		
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic	Syringe Kit	LL Cr+6 sampling kit
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic	ZPLC	Ziploc Bag
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic	R	Terracore Kit
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic	SP5T	120mL Coliform Sodium Thiosulfate
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac	T	Tedlar Bag (air sample)
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic	U	Summa Can (air sample)
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic	WT	Water
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered	SL	Solid Solid
BG1H	1L HCl clear glass	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic	OL	Oil
BG1S	1L H2SO4 clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic	NAL	Non-aqueous liquid
GN	General	AG3C	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic	WP	Wipe

Sample Container Count

** Place a RED dot on containers
that are out of conformance **

COC Line Item	WGFI	R	MeOH (only)	VOA VIAL HS (>6mm)	VIALS				AMBER GLASS					PLASTIC								OTHER			Matrix	Nitric	Sulfuric	Sodium Hydroxide	Sodium Hydroxide ZnAc																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			SBS		VG9U	DG9U	VG9T	AG0U	AG1H	AG1U	AG2U	AG3S	AG3SF	AG3C	BP1U	BP1N	BP2U	BP3U	BP3N	BP3F	BP3S	BP3B	BP3Z	CG3H		Syringe Kit	Red	Yellow	Green	Black																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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Container Codes

Glass				Plastic			
DG9H	40mL HCl amber voa vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
DG9S	40mL H2SO4 amber vial	BG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
DG9T	40mL Na Thio amber vial	BG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic	Miscellaneous	
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac		
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic	Syringe Kit	LL Cr+6 sampling kit
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic	ZPLC	Ziploc Bag
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic	R	Terracore Kit
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic	SP5T	120mL Coliform Sodium Thiosulfate
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac	T	Tedlar Bag (air sample)
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic	U	Summa Can (air sample)
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic	WT	Water
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered	SL	Solid Solid
BG1H	1L HCl clear glass	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic	OL	Oil
BG1S	1L H2SO4 clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic	NAL	Non-aqueous liquid
GN	General	AG3C	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic	WP	Wipe

Sample Container Count

** Place a RED dot on containers
that are out of conformance **

COC Line Item	WG FU	R	MeOH (only)	VOA VIAL HS (>6mm)	VIALS			AMBER GLASS					PLASTIC							OTHER			Matrix	Nitric Red	Sulfuric Yellow	Sodium Hydroxide Green	Sodium Hydroxide/ ZnAc Black
			SBS																								
			DI																								
1				DG9H																							
2				DG9H																							
3				DG9H																							
4				DG9H																							
5				DG9H																							
6				DG9H																							
7				DG9H																							
8				DG9H																							
9				DG9H																							
10				DG9H																							
11				DG9H																							
12				DG9H																							

Container Codes

Glass				Plastic			
DG9H	40mL HCl amber vial	BG1T	1L Na Thiosulfate clear glass	BP1B	1L NaOH plastic	BP4U	125mL unpreserved plastic
DG9P	40mL TSP amber vial	BG1U	1L unpreserved glass	BP1N	1L HNO3 plastic	BP4N	125mL HNO3 plastic
DG9S	40mL H2SO4 amber vial	BG3H	250mL HCl Clear Glass	BP1S	1L H2SO4 plastic	BP4S	125mL H2SO4 plastic
DG9T	40mL Na Thio amber vial	BG3U	250mL Unpres Clear Glass	BP1U	1L unpreserved plastic	Miscellaneous	
DG9U	40mL unpreserved amber vial	AG0U	100mL unpres amber glass	BP1Z	1L NaOH, Zn, Ac		
VG9H	40mL HCl clear vial	AG1H	1L HCl amber glass	BP2N	500mL HNO3 plastic	Syringe Kit	LL Cr+6 sampling kit
VG9T	40mL Na Thio. clear vial	AG1S	1L H2SO4 amber glass	BP2C	500mL NaOH plastic	ZPLC	Ziploc Bag
VG9U	40mL unpreserved clear vial	AG1T	1L Na Thiosulfate amber glass	BP2S	500mL H2SO4 plastic	R	Terracore Kit
I	40mL w/hexane wipe vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic	SP5T	120mL Coliform Sodium Thiosulfate
WGKU	8oz unpreserved clear jar	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Ac	T	Tedlar Bag (air sample)
WGFU	4oz clear soil jar	AG2S	500mL H2SO4 amber glass	BP3B	250mL NaOH plastic	U	Summa Can (air sample)
JGFU	4oz unpreserved amber wide	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic	WT	Water
CG3H	250mL clear glass HCl	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic-field filtered	SL	Solid Solid
BG1H	1L HCl clear glass	AG3SF	250mL H2SO4 amb glass -field filtered	BP3U	250mL unpreserved plastic	OL	Oil
BG1S	1L H2SO4 clear glass	AG3U	250mL unpres amber glass	BP3S	250mL H2SO4 plastic	NAL	Non-aqueous liquid
GN	General	AG3C	250mL NaOH amber glass	BP3Z	250mL NaOH, ZnAc plastic	WP	Wipe