



**Former Advanced Finishing Corp.
7724 Depot Street
McCordsville, Hancock County, Indiana 46055**

**Attn: Ms. Crystal Haulter
State Cleanup Section
Indiana Department of Environmental Management
June 18, 2024
Prepared by:**



LYNN-DOUGLAS
— inc —

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1.0 INTRODUCTION

1.1 Project Identification

On behalf of Advanced Finishing Corp. (Advanced Finishing), Lynn Douglas, Inc. (LDI) presents herewith this Further Site Investigation 3 (FSI 3) Report. This report has been prepared to summarize FSI 3 and quarterly monitoring well sampling activities completed at 7724 Depot Street, McCordsville, Indiana (Site) from November 2023 through May 2024. The Site is identified by the Indiana Department of Environmental Management (IDEM) as State Cleanup Site (SCS) 0001074. Throughout this report the “Site” will refer to the approximate 3.8 acre property parcel (30-01-26-100-003.001-018). The Site contains an approximate 22,944 square foot building constructed in 1954 and an approximate 4,576 square foot out building constructed in 2000. The larger Site building is occupied by Scarlet Lane Brewing and Trax BBQ Restaurant.

The work presented in this FSI 3 Report was completed in response to IDEM’s November 30, 2023, comments to LDI’s October 13, 2023, FSI 2 Report and November 9, 2023, FSI 3 Workplan. The IDEM November 30, 2023, comment letter is provided as Appendix A.

1.2 Project Location

The Site address is 7724 Depot Street, McCordsville, Indiana. The Site is located in the SW $\frac{1}{4}$ of the NE $\frac{1}{4}$ of Section 26, Township 17, North Range 5 East, Hancock County, Vernon Township in McCordsville, Indiana. The Universal Transverse Mercator (UTM) Coordinates for the Site are approximately: 16S E591942.08 N4416605.50 and the Latitude/Longitude coordinates are 39° 53’ 40.38” N, 85° 55’ 28.24” W. The Site location and surrounding areas are illustrated on Figure 1.

Based upon the USGS topographic map for McCordsville, Indiana, the Site has an elevation of approximately 851 feet above mean sea level (amsl). The surface topography grades slightly to the northeast toward Stansbury Ditch which discharges to Dry Branch. Stansbury Branch is approximately 275 feet east/northeast of the Site and Dry Branch is approximately 1,200 feet north of the Site.

The Site’s property boundary is a thin triangular shape. The Site is bound on the south side by railroad tracks followed by various commercial properties and residences; to the north by a tree/plant nursery; to the east by Depot Street/Railroad Street followed by vacant land with a lift station and railroad tracks; and to the west by agricultural land. The Site location and current monitoring well network are both shown on the Site Plan provided as Figure 2.

1.4 Previous Investigation Summary

LDI completed an FSI in January 2023 related to IDEM August 17 and November 9, 2022, comment letters. The FSI involved vapor intrusion (VI) sampling in the interior of the Site building which included four paired indoor air (IA) and sub slab soil gas (SG_{ss}) sample locations (IA-1 through IA-4 and SS-1 through SS-4). In addition, a total of seven permanent monitoring wells (MW-5 through MW-11) were installed to further characterize groundwater impacts per IDEM's request. The VI sampling results demonstrated that no chlorinated volatile organic compounds (cVOCs) were detected above laboratory reporting limits in any of the four IA samples (IA-1 through IA-4). Trichloroethene (TCE) was detected above the IDEM Risk-Based Closure Guide (R2) Residential Sub Slab Published Level (RSSPL) in SG_{ss} sample SS-1 and above the R2 Commercial Sub Slab Published Level (CSSPL) in SG_{ss} samples SS-2 through SS-4. With the installation of the monitoring wells associated with the FSI, groundwater impacts above the IDEM R2 Groundwater Published Levels (GWPLs) extend off-Site to the north (MW-8), to the north/northeast (MW-6), and to the east (MW-11). A monitoring well (MW-10) installed near the southern Site property boundary also produced TCE and vinyl chloride above the IDEM R2 GWPLs. The highest concentrations of vapor and groundwater release related chemicals (RRCs) appeared to primarily be present along interior trenches that are connected to the interior vaults within the Site building. This network of trenches was disconnected during the interior soil source area removal completed in February/March 2023. The vapor and groundwater impacts extend to the east/northeast to an exterior vault on the eastern portion of the Site. A sanitary sewer main is located adjacent to the exterior vault and runs southeast to northwest along the Site's eastern property boundary. LDI determined that the sanitary sewer main east of the Site represented a potential preferential pathway. Based on the results of the FSI, LDI recommended installing additional monitoring wells to delineate off-Site groundwater impacts and a preferential pathway evaluation of the sanitary sewer main east of the Site. Details of the FSI was provided in LDI's February 15, 2023, FSI Report.

IDEM issued a March 21, 2023, comment letter in response to the FSI Report and Soil Source Excavation Workplan in general agreement with LDI's recommendations in the FSI Report and the proposed soil excavation.

LDI responded with a May 24, 2023, Implementation Report/FSI 2 Workplan. The submittal detailed the removal of impacted soil in the source area within the Site building and the application of zero valent iron (ZVI) for passive groundwater treatment within the excavation completed from February to March 2023. Due to the presence of free product and elevated concentrations of cVOCs, LDI completed the soil source removal in the interior of the Site building as a proactive measure to reduce

occupant exposure risk, reduce contaminant mass and to shorten the time required to reach closure. Approximately 281.97 tons of soil were removed from the excavation. Of this volume, approximately 69.40 tons of soil was disposed of under the IDEM Contained-In designation and approximately 212.57 tons of soil was disposed of as hazardous waste. ZVI was placed in the bottom 2 feet of the excavation for passive groundwater treatment. A 4-inch injection well was also placed within the break/storage room portion of the excavation to allow for the option of additional groundwater treatment in the future.

LDI outlined a scope for an FSI 2 in its May 24, 2023 submission. IDEM responded with a June 13, 2023, comment letter generally approving the proposed FSI 2 scope of work. IDEM indicated that groundwater delineation is needed in each cardinal direction, that sewer conduit vapor samples should be collected upstream and downstream if possible, and a leak test must be performed during SG_{ss} sampling.

LDI performed FSI 2 activities from July through August 2023. The FSI 2 involved the following:

- The collection of four paired IA and SG_{ss} samples (IA-1 through IA-4 and SS-1, SS-2, SS-3R, and SS-4) to continue evaluation of VI within the Site building,
- The collection of five SG_e samples (SG-1 through SG-5) along the sanitary sewer and near the exterior vault for evaluation of preferential pathways,
- The collection of conduit vapor samples (Sewer Gas 1 and Sewer Gas 2) from sanitary manholes for evaluation of a potential vapor exposure pathway within the conduit,
- The collection of a groundwater sample (PW-1) from the Site's potable supply well associated with the storage building,
- The collection of a groundwater sample (Deep GW-2) at 22 to 26 feet bgs on the eastern portion of the Site to evaluate if groundwater impacts are present at deeper saturated intervals,
- The installation of four monitoring wells (MW-12 through MW-15) to continue groundwater characterization, and
- Monitoring well groundwater sampling at all 15 wells (MW-1 through MW-15) in the well network.

With the installation of the monitoring wells associated with the FSI 2, groundwater impacts had been delineated in all directions with the exception of to the northeast. Shallow groundwater impacts above the IDEM R2 GWPLs extend off-Site to the northeast at monitoring well MW-12 where TCE was originally detected at 34.6 micrograms per liter ($\mu\text{g/l}$). A groundwater sample (DEEP GW-2) collected at the eastern portion of the Site contained TCE at a concentration of 23.8 $\mu\text{g/l}$. However, the groundwater sample was collected at a depth of 22 to 26 feet bgs and it was believed that the sample

depth was more likely representative of the shallow aquifer and not the deeper aquifer which is present at depths greater than 55 feet bgs. The water sample (PW-1) collected from the on-Site potable supply well associated with the storage building, measured to a depth of approximately 54.78 feet bgs, contained no VOCs above laboratory reporting limits. Of the five SG_e samples collected in the vicinity of the exterior vault and along the sanitary sewer main east of the Site, only TCE was detected above the IDEM R2 Residential Soil Exterior Published Level (RSEPL) at SG-3. All other SG_e and sanitary sewer conduit samples (Sewer Gas 1 and Sewer Gas 2) contained no RRCs above laboratory reporting limits.

Based on the results of the FSI 2 investigation and IDEM's November 30, 2023, comment letter, LDI installed three deep monitoring wells (MW16 through MW-18) on-Site, installed two "shallow" downgradient monitoring wells (MW-19 and MW-20) off-Site, and continued quarterly monitoring well sampling activities. IDEM's request for additional VI sampling in the Site building, vapor samples collected from the sanitary sewer conduit, and the collection of an SG_e sample in the direction of the 7696 Depot Street residence (southeast portion of the Site) during a winter worst-case scenario will be completed toward the end of 2024. The vapor sampling and results will be detailed in a subsequent Progress Report provided to IDEM.

The following provides a detailed summary of FSI 3 and quarterly monitoring well sampling activities completed from November 2023 through May 2024 along with conclusions and recommendations based on the results.

1.5 Release Related Chemicals

The cVOCs tetrachloroethene (PCE), TCE, cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride, 1,1-dichloroethene (1,1-DCE), and 1,1,2-trichloroethane (1,1,2-TCA) are the RRCs at the Site.

2.0 REGIONAL GEOLOGICAL INFORMATION

The Site is in the northern portion of the East Fork White River basin which was initially glaciated by pre-Wisconsinan glaciers that deposited thick tills and some outwash of the Jessup Formation. Loam till of the Trafalgar Formation was deposited in the basin during the Wisconsin Age. The Wisconsin tills were deposited by the Huron-Erie basins to the northeast. During the Wisconsin Age, ice advanced and retreated to and from the basin on many occasions forming moraines (Fenelon and Greeman, 1994).

The Site is located in the New Castle Till Aquifer System where the boundary between systems are gradational and may include some small areas of other aquifer systems due to the complex glacial history. The New Castle Till Aquifer System is composed primarily of glacial tills that are separated by intertill sand and gravel aquifers of limited thickness and extent. Unconsolidated deposits typically range in thickness from 80 feet to 150 feet. Potential aquifer materials include sands and gravels that typically range from 5 to 10 feet thick. The New Castle Till Aquifer System has a low susceptibility to surface contamination because intertill sand and gravel units are generally overlain by thick low-permeability glacial till.

Stansbury Ditch is the closest body of water to the Site and is located approximately 275 feet east/northeast of the Site. Stansbury Ditch is a tributary of Dry Branch, which is located approximately 1,200 feet north of the Site. Stansbury Ditch originates approximately 2 miles south of the Site as an intermittent stream and flows northerly east of the Site. Flow from Stansbury Ditch discharges to Dry Branch which ultimately feeds to the Geist Reservoir located approximately 2 miles northwest of the Site.

The soils at the Site in the area of the former operations area for Advanced (approximate northeastern $\frac{3}{4}$ of the Site) have been classified as Crosby silt loam-Urban land complex, 0 to 2 percent slopes. The Crosby Series soils consist of deep, somewhat poorly drained, nearly level soils found on water-lain moraines, ground moraines, and recessional moraines. They formed in loamy glacial till. Permeability is low to moderately high (0.01 to 0.2 inches/hour) and the soil type is not prone to flooding or ponding. Based on subsurface investigation activities completed at the Site, the unconsolidated material consists of predominately brown silty sandy clay up to a depth of 16 feet bgs. Perched groundwater was generally encountered at depths ranging from 8 to 15 feet bgs on-Site. LDI observed primarily silt and clay rich soil to a depth of 10 to 15 feet below grade where thin (e.g., less than 0.5 feet thick), discontinuous, saturated, medium sand with some fine gravel was encountered. At intervals deeper than 15 feet bgs, fine to coarse sand and gravel layers with a thickness ranging from 2.5 feet to at least 5 feet were observed to a depth of 20 feet bgs at MW-6 (north/northeast of the Site), MW-10 (southern

portion of the Site), MW-11 (east/southeast of the Site), and MW-12 (north/northeast of the Site). The sand and gravel from 15 to 20 feet bgs was observed as saturated at MW-6, MW-10, and MW-11. The downgradient monitoring wells installed along an unnamed drainage ditch (MW-19) and near Stansbury Ditch (MW-20) contained fine wet sand at approximately 13 to 14 feet bgs where boring refusal occurred. With the installation of the “deep” monitoring wells (MW-16 through MW-18), thin interbedded wet sand layers ranging in thickness from 2 to 6 inches were encountered below 20 feet bgs to boring termination at 65 feet bgs. Fine to coarse very moist to wet sand was encountered from approximately 58 to 62 feet bgs at the “deep” monitoring well locations installed on the northern portion of the Site (MW-17 and MW-18) whereas the “deep” monitoring well installed on the southern portion of the Site (MW-16) contained interbedded sand layers from approximately 57 to 62 feet bgs. The bedrock stratum beneath the Site consists of Silurian age limestone and dolomite of the Wabash Formation.

Based on review of well logs from the Indiana Department of Natural Resources (IDNR) website for wells located within 1.0 mile from the Site, bedrock is present ranging from 150 to 200 feet bgs in the vicinity of the Site. The IDNR identified a well on the Site as Reference Number 157687. The well was listed as having been installed in 1966 to a depth of 63 feet bgs. According to the well log, the static water level was at approximately 30 feet bgs. This well is confirmed to be located within the storage out building on the Site. During previous sampling activities of this potable well completed by LDI in August 2023, the depth of the well measured 54.78 feet bgs and the depth to groundwater was 34.43 feet bgs.

3.0 FURTHER SITE INVESTIGATION METHODS

LDI installed three “deep” monitoring wells (MW-16 through MW-18) to determine if cVOC impacts are present in the lower aquifer and installed two downgradient monitoring wells (MW-19 and MW-20) to characterize horizontal cVOC impacts in the shallow aquifer. Soil samples were collected associated with each monitoring well installation. Monitoring well groundwater samples were collected from each of the 20 monitoring wells (MW-1 through MW-20) in the well network.

IDEM’s request for additional VI sampling in the Site building, vapor samples collected from the sanitary sewer conduit, and the collection of an SG_e sample in the direction of the 7696 Depot Street residence (southeast portion of the Site) during a winter worst-case scenario will be completed toward the end of 2024.

3.1 Soil Sampling

LDI collected soil samples from monitoring well locations MW-16 through MW-18 from November 28 through December 1, 2023, and MW-19 and MW-20 on April 9, 2024, to assess RRC impacts to soil in conjunction with the installation of the monitoring wells.

Soil samples collected from the direct push borings were visually examined and field-screened with a PID equipped with a 10.6 electron-volt (eV) lamp to assess for the presence of VOCs. The boring locations where soil samples were collected, which only included the newly installed monitoring well locations, are shown on Figure 2. Soil boring logs are provided as Appendix B.

A new pair of disposable latex gloves were donned by the sampler for each sample collected. Soil samples for analysis were collected in laboratory-supplied, US EPA-approved sampling containers. Soil samples were collected using US EPA Method 5035 and submitted for laboratory analysis for VOCs via U.S. EPA Method 8260. The soil sample depths are as follows:

- MW-16; 10’
- MW-17; 6.5’
- MW-18; 3’
- MW-19; 6’
- MW-20; 8’

After sample collection, the soil samples were sealed, labeled, and placed on ice in a cooler for shipment under standard chain of custody protocols to the laboratory.

3.2 Monitoring Well Installation

LDI installed three “deep” monitoring wells MW-16 through MW-18 from November 28 through December 1, 2023 to determine if cVOC impacts are present in the lower aquifer. Monitoring wells MW-19 and MW-20 were installed to characterize horizontal cVOC impacts in the shallow aquifer downgradient. The current monitoring well network is depicted on the Site Plan provided as Figure 2.

A Rotasonic drill rig was used to install monitoring wells MW-16 through MW-18. Each monitoring well contains 2-inch diameter PVC casing, constructed with new pre-packed PVC 0.010 slotted screen and riser pipe extended to just below grade level. Monitoring wells MW-16 through MW-20 were constructed with screens 10 feet long. The annular space between each boring and the riser pipe was backfilled with granular bentonite to 1-ft below grade. Each monitoring well’s riser pipe was equipped with a locking cap, covered with a flush-mount protective cover and secured in place by a concrete pad. The monitoring wells were completed with the following screened intervals: MW-16 (44’-54’), MW-17 (56’-66’), MW-18 (57’-67’), MW-19 (3’-13’) and MW-20 (2’-12’).

For the installation of the “deep” monitoring wells (MW-16 through MW-18), the shallow water-bearing horizon was sealed to prevent cross contamination into the deeper water-bearing horizon. During the installation of these wells into the deeper water-bearing horizon, the borings were advanced by coring/casing until the base of the surficial aquifer (top of confining unit) is reached. The inner sonic core barrel (4”) was removed leaving the outer sonic casing (6”) seated into the top of the confining unit. A larger sonic override casing (7”) was then drilled over the 6” casing to the same depth. This 7” casing becomes the temporary “surface casing”. Typical sonic coring/casing resumed inside of this “surface casing” to total depth. During this process, no energy was imparted to the 7” casing. Well construction occurred inside of the 6” sonic casing with the concentric placement of screen, riser, bentonite, and grout to the surface. As the grouting took place, the temporary sonic casings were grouted and removed in reverse order: first the inner 6” casing was grouted and resonated during removal to the surface (grout is also placed to the surface). Finally, the 7” casing is resonated and removed, leaving a grout column that has been “knitted” within the borehole wall.

The top of casing elevations were surveyed at each monitoring well. Monitoring well construction diagrams are provided in Appendix C.

3.3 Groundwater Sampling

LDI mobilized personnel and sampling equipment to the Site on December 14 and 15, 2023, March 11 through 13, and 27, 2024, and May 20 through 24, 2024, to collect groundwater samples from the

permanent monitoring wells for laboratory analysis. LDI mobilized to the Site on March 27, 2024, for followup sampling at monitoring well MW-3 to confirm concentrations of TCE that were found to be much lower on March 13, 2024, than historical concentrations. Monitoring wells MW-16 through MW-18 were sampled for the first time in December 2023 and monitoring wells MW-19 and MW-20 were sampled for the first time in May 2024. Groundwater elevation data is provided as Table 1. The permanent monitoring well sampling locations are presented on Figure 2.

All monitoring wells were purged and sampled using a bladder pump and dedicated TLPE tubing for each location. The bladder pump was slowly lowered into each monitoring well, being careful not to disturb any suspended clay particles that may have collected within the well screen. The purging rates were adjusted to match the well yield, so that the water level varied by less than 0.3 feet. After stabilizing, the purging rate and field parameters were monitored using a flow-through cell and an electronic water quality meter.

In accordance with the IDEM's May 11, 2021, Micro-Purge Sampling Option, purging is continued until all field parameters are stabilized for a minimum of three consecutive readings conducted at approximately 5-minute intervals. The field parameters measured, and stability criteria are as follows:

- Dissolved oxygen (DO): $\pm 10\%$
- Specific conductivity: $\pm 3\%$
- Oxidation-reduction potential (ORP): ± 10 mV
- Temperature: $\pm 3\%$
- pH: ± 0.1
- Turbidity: $\pm 10\%$

Once the field parameters stabilized, the samples were collected. Low flow field parameter data summaries are provided in Appendix D.

A new pair of disposable latex gloves were donned by the sampler for each sample collected. The groundwater samples were collected in laboratory-supplied, US EPA-approved, 40-mL vials preserved with hydrochloric acid. After each sample vial was sealed, the vial was inverted and tapped to ensure no air bubbles were present. After sample collection, the groundwater samples were sealed, labeled, and placed on ice in a cooler for shipment under standard chain of custody protocols to the laboratory. Groundwater samples were analyzed for VOCs via US EPA Method 8260.

3.4 Quality Control

Quality Assurance/Quality Control (QA/QC) was completed during the quarterly monitoring well and investigation sampling events. The bladder pump was decontaminated with an Alconox™ wash and rinsed with de-ionized water following each sample during the quarterly monitoring well sampling activities. Soil duplicate samples were collected from MW-17 (6.5') on November 30, 2023, and from MW-19 (6') on April 9, 2024. Monitoring well groundwater duplicate samples were collected from MW-14 on December 14, 2023, and May 20, 2024, and MW-2 on March 11, 2024.

4.0 FURTHER SITE INVESTIGATION SAMPLING OVERVIEW

4.1 Evaluation of Soil Sampling Results

The soil sampling activities consisted of collecting soil samples from monitoring well locations MW-16 through MW-18 on November 28 and December 1, 2023, and MW-19 and MW-20 on April 9, 2024. Excluding the QA/QC samples, a total of five soil samples were collected and submitted for laboratory analysis between the borings.

The laboratory analytical results for the soil sampling activities are presented in Table 2 and on Figure 3. The laboratory results are qualitatively summarized as follows:

- MW-16 (10'), MW-17 (6.5'), and MW-18 (3') contained TCE above laboratory reporting limits but below the IDEM R2 Short Term Excavation Published Level (STEPL).
- The highest TCE detection was at MW-18 (3') at a concentration of 2.56 milligrams per kilogram (mg/kg).
- The elevated TCE detection at MW-18 (3') is due to its proximity to a source area (loading dock).
- The TCE concentrations at MW-16 (10') (0.0305 mg/kg) and MW-17 (6.5') (0.0238 mg/kg) are trace due to their location further from the source areas.
- MW-18 (3') contained cis-1,2-DCE above laboratory reporting limits but below the R2 STEPL.
- No other RRCs were detected in soil above laboratory reporting limits.

The analytical laboratory reports for FSI 3 sampling activities are provided as Appendix E.

4.2 Evaluation of Groundwater Sampling Results

Groundwater samples (MW-1 through MW-18) were collected on December 14 and 15, 2023, and March 11 through 13, 2024. Monitoring well MW-3 was resampled on March 27, 2024, to confirm the TCE concentration found to be much lower than historical concentrations from sampling on March 13, 2024. Groundwater samples (MW-1 through MW-20) were collected May 20 through May 22, 2024.

The top of casing elevations were surveyed at each monitoring well. Groundwater flow was calculated using depth to water measurements obtained from all monitoring wells. Based on the groundwater elevation data from water levels collected in May 2024, groundwater flow is calculated in a northeasterly direction. Figure 4 is a shallow groundwater flow map prepared from data collected in May 2024.

The laboratory analytical results for the groundwater sampling activities are presented in Table 3 and on Figure 5. The laboratory results are qualitatively summarized as follows:

- PCE was present in groundwater in monitoring well MW-3 (December 2023 and March and May 2024) above the IDEM R2 GWPL.
- TCE was present in groundwater in monitoring wells MW-1 through MW-4 (December 2023 and March and May 2024), MW-6 (December 2023 and March and May 2024), MW-7 (December 2023), MW-8 (December 2023), MW-10 (December 2023), and MW-12 (December 2023 and March and May 2024).
- Cis-1,2-DCE was present in groundwater in monitoring wells MW-1 (December 2023 and May 2024), MW-2 (December 2023 and March 2024), MW-3 and MW-4 (December 2023 and March and May 2024), MW-6 (December 2023 and March and May 2024), and MW-8 (December 2023) above the IDEM R2 GWPL.
- Trans-1,2-DCE was present in groundwater in monitoring well MW-3 (December 2023 and March and May 2024) above the IDEM R2 GWPL.
- Vinyl chloride was present in groundwater in monitoring wells MW-1 (December 2023), MW-2 (March 2024), MW-3 (December 2023 and March and May 2024), MW-4 (May 2024), MW-8 (December 2023 and May 2024), and MW-10 (December 2023) above the IDEM R2 GWPL.
- 1,1-DCE was present in groundwater in monitoring well MW-3 (December 2023 and March and May 2024) above the IDEM R2 GWPL.
- 1,1,2-TCA was present in groundwater in monitoring well MW-3 (December 2023 and March and May 2024) above the IDEM R2 GWPL.
- The highest concentrations of RRCs continue to be detected north of the Site building in the loading dock at monitoring well MW-3, including a detection of TCE at 519,000 µg/l during this sampling period.
- TCE concentrations are considerably lower in MW-4; however, the TCE appears to be degrading to cis-1,2 DCE and vinyl chloride.
- Groundwater samples collected from “deep” monitoring wells (MW-16 through MW-18) contained no cVOCs above laboratory reporting limits.

The laboratory reports for quarterly sampling activities are provided as Appendix E.

5.0 CONCEPTUAL SITE MODEL

5.1 Soil

The RRC with the highest concentrations in soil is TCE. The highest TCE concentrations in soil were detected near interior vaults in the brewery canning area (SB-1) and the break/storage room (SB-2 and SB-5). It should be noted that SB-2 is located immediately adjacent to the location of free product in the groundwater sample collected from boring GW-3. Free product was also encountered at a depth of 14 feet bgs at SB-5. The only IDEM R2 STEPL exceedances of TCE were in samples collected from SB-1 (9.5'), SB-2 (14'), SB-4 (10'), and SB-5 (14') with concentrations ranging from 102 mg/kg to 2,850 mg/kg. The highest TCE concentration in soil was reported for SB-5 (14'). Investigation soil sample locations with a summary of the analytical results are provided as Figure 3.

Based on the IDEM R2 STEPL as the TCE criterion to define the soil excavation and the cumulative soil analytical results, impacted soil was removed to an average depth of 10.5 feet bgs near vaults and trenches in the brewery canning area and the break/storage room. This was the depth of the uppermost water bearing zone beneath the interior vaults. Approximately 281.97 tons of soil were removed from the excavation. Of this volume, approximately 69.40 tons of soil was disposed of under the IDEM Contained-In designation and approximately 212.57 tons of soil was disposed of as hazardous waste. The confirmatory soil sample results revealed TCE concentrations above the IDEM R2 STEPL at SS-5, which is located in the break/storage room portion of the excavation. The TCE concentration at SS-5 was 119 mg/kg; the IDEM R2 STEPL is 100 mg/kg. The next highest concentration of TCE was detected at a concentration of 35.7 mg/kg in the brewery canning area at SS-1. The remaining TCE detections were below 10 mg/kg. Excavation activities did not continue beyond 10 to 13 feet bgs due to the presence of perched groundwater and sidewall stability concerns. The approximate extent of the interior soil excavation with remaining soil sample results in the area of the excavation is provided on Figure 6.

Beyond the soil source area in the interior of the building, elevated TCE concentrations were also detected in soil below the IDEM R2 STEPL in the loading dock area north of the Site building at HA-8 (3'), SB-3 (8.5'), and MW-18 (3'), however, these concentrations were substantially less than the concentrations inside the building. Soil impacts do not extend off-Site to the north (MW-7 (7') and MW-8 (11')), east (MW-11 (4.5') and MW-14 (13.5')), west (MW-9 (4')), and south (MW-15 (9.5')) as soil sampling results suggest. Residual RRC soil impacts extend from the interior of the Site building and the loading dock to the northeast with low concentrations detected at MW-5 (14'), MW-6 (9'), and MW-12 (11'), however, soil sampling results from MW-19 (6') and MW-20 (8') contained no VOCs above

laboratory reporting limits. MW-19 and MW-20 are the furthest downgradient wells to the northeast located adjacent to Stansbury Ditch. Site RRCs in soil have been sufficiently characterized.

The cumulative soil analytical results are summarized in Table 2. Figure 3 contains the locations of the soil samples along with the cumulative analytical results.

5.2 Groundwater

As with Site soil, TCE is the dominant RRC in groundwater. Free product was encountered in the interior of the building in temporary well GW-3. This sample was collected near a trench that was connected to vaults located in the break/storage room and the brewery canning area. This is considered the principal TCE soil source area. The highest concentration of TCE in groundwater has been detected in the loading dock area. Based upon soil and groundwater sampling results, the loading dock area soil is a secondary TCE source area and is also near the current groundwater plume center line. TCE was recently detected at its highest concentration at MW-3 (519,000 µg/l) on May 22, 2024.

Beyond the dissolved cVOC source areas (brewery canning area and loading dock), groundwater samples collected near the Site property boundary to the east/northeast at GW-6 and MW-1 contained TCE concentrations of 13,600 µg/l and 1,370 µg/l, respectively. GW-6 was collected adjacent to the exterior vault near the eastern Site property boundary. Previous monitoring wells installed to further characterize shallow dissolved RRC impacts demonstrated characterization of groundwater impacts to the north (MW-7 and MW-8), east (MW-5, MW-11, and MW-14), south (MW-15), and west (MW-9) with all RRC concentrations either below laboratory reporting limits or below the IDEM R2 GWPLs.

However, shallow groundwater impacts above the R2 GWPLs extend off-Site to the northeast at MW-12 where TCE was detected at concentrations ranging from 31.7 µg/l to 96.2 µg/l. The recently installed monitoring wells (MW-19 and MW-20), installed downgradient to the northeast of MW-12, contained no VOCs above laboratory reporting limits indicating the extent of shallow groundwater impacts have been characterized. Groundwater samples collected from the “deep” monitoring wells (MW-16 through MW-18) contained no VOCs above laboratory reporting limits demonstrating that the impacts are not present in the lower aquifer. A water sample (PW-1) collected from the on-Site potable supply well associated with the storage building, measured to a depth of approximately 54.78 feet bgs, contained no VOCs above laboratory reporting limits. Site RRCs in groundwater have been sufficiently characterized both vertically and horizontally.

The cumulative groundwater analytical results are summarized in Table 3. Figure 5 contains the cumulative laboratory analyses of groundwater samples collected to date. A total cVOC

isoconcentration map estimating the extent of groundwater impacts in monitoring wells from the recent May 2024 sampling is provided as Figure 7.

5.3 Vapor

The highest cVOC vapor concentrations have been detected in SG_{ss} samples collected near the vaults in the brewery canning area (SS-2) and in the break/storage room (SS-3/SS-3R). TCE has been detected as high as 7,310 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) at SS-2 and 14,400 $\mu\text{g}/\text{m}^3$ at SS-3; above the IDEM R2 CSSSL. Elevated concentrations of TCE above the IDEM R2 CSSSL continue to be present at the northeastern portion of the Site building at SS-4. TCE was detected at lower concentrations above the IDEM R2 RSSSL at the northern portion of the building near the loading dock at SS-1. No cVOCs have been detected above laboratory reporting limits in any of the IA samples or the ambient air sample.

Due to its proximity to the exterior vault (potentially previously connected to the interior floor drain network) and the sanitary sewer main, LDI collected SG_e samples (SG-1 through SG-5) in the vicinity of the exterior vault and the sanitary sewer main and sanitary sewer conduit vapor samples from the sanitary sewer manhole east of the Site near the exterior vault (Sewer Gas 1) and the sanitary sewer manhole northeast of the Site (Sewer Gas 2) in July/August 2023. Only TCE was detected above the IDEM R2 RSESL at SG-3. All other cVOCs and TCE were detected below laboratory reporting limits at the other SG_e sample locations. All cVOCs were below laboratory reporting limits in vapor samples collected from the sanitary sewer manhole east and northeast of the Site.

The cumulative laboratory analysis of vapor samples are summarized in Table 4. Figure 8 contains the vapor sample locations with a summary of the analytical results.

IDEM's request for additional VI sampling in the Site building, vapor samples collected from the sanitary sewer conduit, and the collection of an SG_e sample in the direction of the 7696 Depot Street residence (southeast portion of the Site) during a winter worst-case scenario will be completed toward the end of 2024.

5.4 Preferential Pathway Evaluation

Groundwater and vapor appear to primarily contain the greatest concentrations of RRCs along the interior trenches that appear to have been once connected to the interior vaults. The impacts extend to the east northeast to an exterior vault on the eastern portion of the Site. A sanitary sewer main is located adjacent to the exterior vault and runs southeast to northwest along the Site's eastern property boundary.

Prior to the FSI 2, it appeared that the sanitary sewer main may represent a preferential pathway. The SG_e samples collected along the sanitary sewer main (SG-3 through SG-5) and the sanitary sewer conduit vapor samples collected within the sanitary sewer (Sewer Gas 1 and Sewer Gas 2) suggests that this utility is not providing a preferential pathway for impacts.

Again, IDEM has requested that additional vapor samples are collected from the sanitary sewer conduit and the collection of an SG_e sample in the direction of the 7996 Depot Street residence and LDI will do so toward the end of 2024 during a winter worst-case scenario.

The exterior vault was opened to evaluate the infrastructure of the vault. The vault was observed to be approximately 2.5 feet bgs and piping was not observed from the Site building to the vault. The only piping observed was PVC piping running from the vault in a direction away from the Site building to the east. Photographs of the interior of the vault are provided as Appendix F.

Figures 3, 5, and 8 depict the distribution of soil, groundwater, and vapor impacts relative to mapped subsurface conduits, respectively.

5.5 Geological Cross-Section

Based on subsurface investigation activities completed at the Site, the unconsolidated material consists of predominately brown silty sandy clay up to a depth of 16 feet bgs. Perched groundwater was generally encountered at depths ranging from 8 to 15 feet bgs on-Site. LDI observed primarily silt and clay rich soil to a depth of 10 to 15 feet below grade where thin (e.g., less than 0.5 feet thick), discontinuous, saturated, medium sand with some fine gravel was encountered. At intervals deeper than 15 feet bgs, fine to coarse sand and gravel layers with a thickness ranging from 2.5 feet to at least 5 feet were observed to a depth of 20 feet bgs at MW-6 (north/northeast of the Site), MW-10 (southern portion of the Site), MW-11 (east/southeast of the Site), and MW-12 (north/northeast of the Site). The sand and gravel from 15 to 20 feet bgs was observed as saturated at MW-6, MW-10, and MW-11. The downgradient monitoring wells installed along an unnamed drainage ditch (MW-19) and near Stansbury Ditch (MW-20) contained fine wet sand at approximately 13 to 14 feet bgs where boring refusal occurred. With the installation of the “deep” monitoring wells (MW-16 through MW-18), thin interbedded wet sand layers ranging in thickness from 2 to 6 inches were encountered below 20 feet bgs to boring termination at 65 feet bgs. Fine to coarse very moist to wet sand was encountered from approximately 58 to 62 feet bgs at the “deep” monitoring well locations installed on the northern portion of the Site (MW-17 and MW-18) whereas the “deep” monitoring well installed on the southern portion of the Site (MW-16) contained interbedded sand layers from approximately 57 to 62 feet bgs.

The highest concentrations of RRCs in soil, particularly TCE, occur within the Site building in the brewery canning area (SB-1) and the break/storage room (SB-2 and SB-5). TCE exceeded the IDEM R2 STEPL in this area at SB-1 (9.5'), SB-2 (14'), SB-4 (10'), and SB-5 (14') with free product encountered in the area (GW-3 and SB-5). The elevated TCE concentrations and free product encountered were the basis for the soil excavation completed in the brewery canning area and break/storage room. Residual RRC soil impacts extend from the interior of the Site building and the loading dock to the northeast with low concentrations detected at MW-5 (14'), MW-6 (9'), and MW-12 (11') but these detections were in soil at the capillary fringe. Soil sampling results from MW-19 (6') and MW-20 (8') contained no VOCs above laboratory reporting limits. MW-19 and MW-20 are the furthest downgradient wells to the northeast located adjacent to Stansbury Ditch. Site RRCs in soil have been sufficiently characterized. The dissolved cVOC source area is the aforementioned soil source area and the loading dock north of the Site building. TCE was detected at a concentration of 193,000 µg/l in the brewery canning area (GW-2) and at a recent historical high of 519,000 µg/l in the loading dock area (MW-3).

Beyond the identified dissolved cVOC source areas, impacts above the IDEM groundwater R2 GWPLs extend off-Site to the northeast (MW-6 and MW-12). At this time, the installation of downgradient monitoring wells MW-19 and MW-20 and the “deep” on-Site monitoring wells MW-16 through MW-18 show that groundwater characterization is complete both horizontally and vertically. Based on groundwater flow calculated from elevations obtained in May 2024, groundwater flow is in a northeasterly direction. Figure 9 depicts the north/south and east/west geological cross-section trace. Figure 10 provides the north/south geological cross-section and Figure 11 provides the east/west geological cross-section.

6.0 CONCLUSIONS AND RECOMMENDATIONS

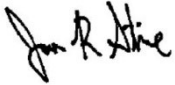
LDI completed FSI 3 and quarterly monitoring well sampling activities from November 2023 through May 2024. The FSI 3 included the installation of three “deep” monitoring wells (MW-16 through MW-18) to determine if cVOC impacts are present in the lower aquifer and the installation of two “shallow” downgradient monitoring wells (MW-19 and MW-20) to characterize horizontal cVOC impacts northeast of the Site in the shallow aquifer.

Soil sampling results associated with this FSI 3 confirm that Site RRCs in soil have been sufficiently characterized. Cumulative soil sampling results demonstrated that the soil source area is in the vicinity of the brewery canning area (SB-1) and the break/storage room (SB-2 and SB-5) where TCE was detected greater than the IDEM R2 STEPL and was the basis for the removal of approximately 281.97 tons of soil for disposal in this area.

By completing this FSI 3, groundwater impacts have been delineated both vertically and horizontally. The “deep” monitoring wells (MW-16 through MW-18) have contained no VOCs above laboratory reporting limits and the downgradient “shallow” monitoring wells (MW-19 and MW-20) also contained no VOCs above laboratory reporting limits.

Based on the results of all investigations completed to date, soil and groundwater impacts have been delineated and the sanitary sewer adjacent to Depot Street is not a preferential pathway. TCE has recently increased in groundwater in the loading dock area at MW-3 to 519,000 µg/l. LDI will complete the interior VI sampling, the sanitary conduit vapor sampling, and the SG_e sampling in the direction of the 7996 Depot Street residence that IDEM requested during the winter worst case conditions during fall or winter 2024.

7.0 SIGNATURES

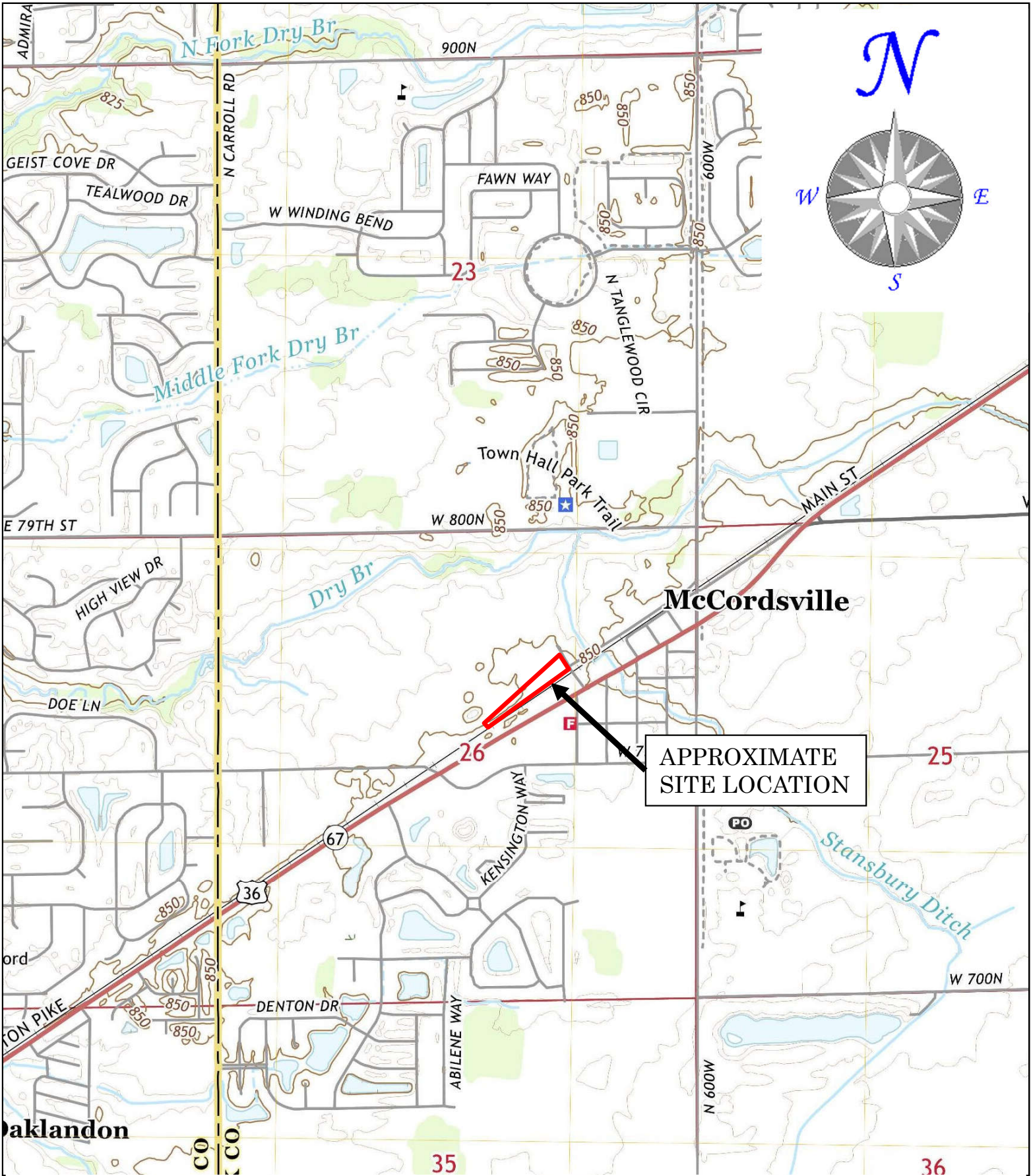


Jason R. Stine, PG
Senior Project Manager



Ray Milejczak, LPG
Principal Geologist

FIGURES

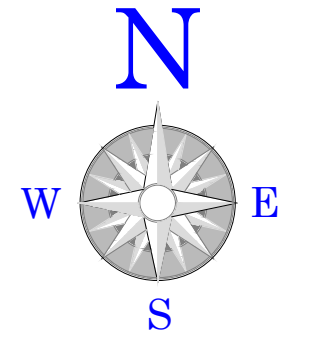
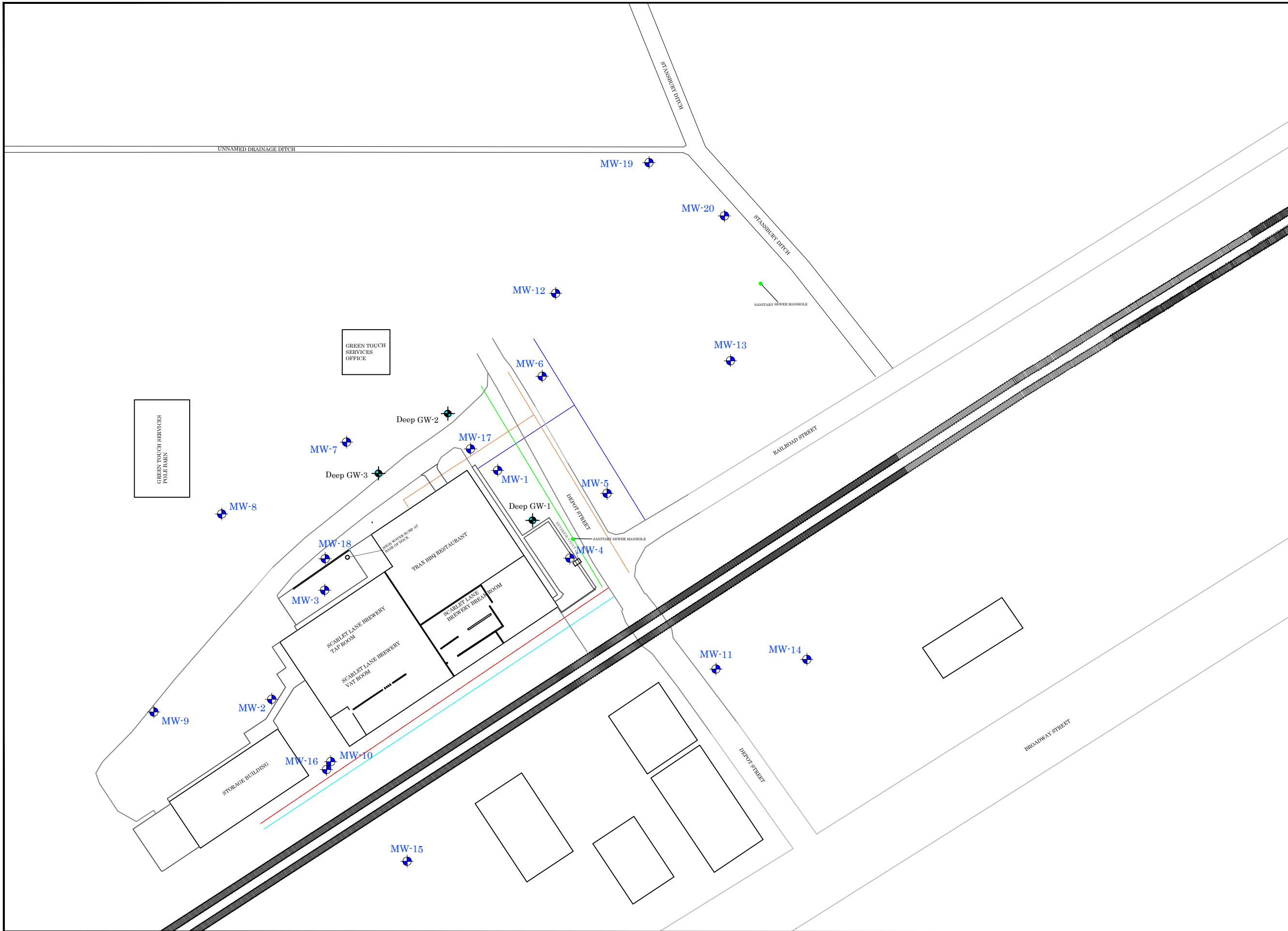


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SITE LOCATION MAP
 Former Advanced Finishing Corp.
 7724 Depot Street
 McCordsville, Indiana

Job No.
 002-007

Figure 1



MW-1

Groundwater Monitoring Well

Sanitary Sewer Manhole

Fiber Optic

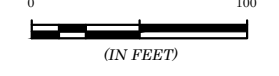
Gas Line

Water Line

Sanitary Sewer

Storm Sewer

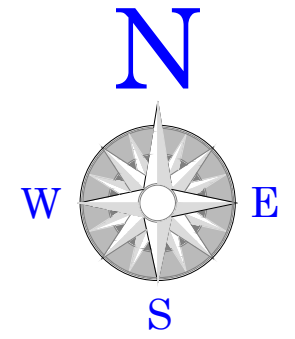
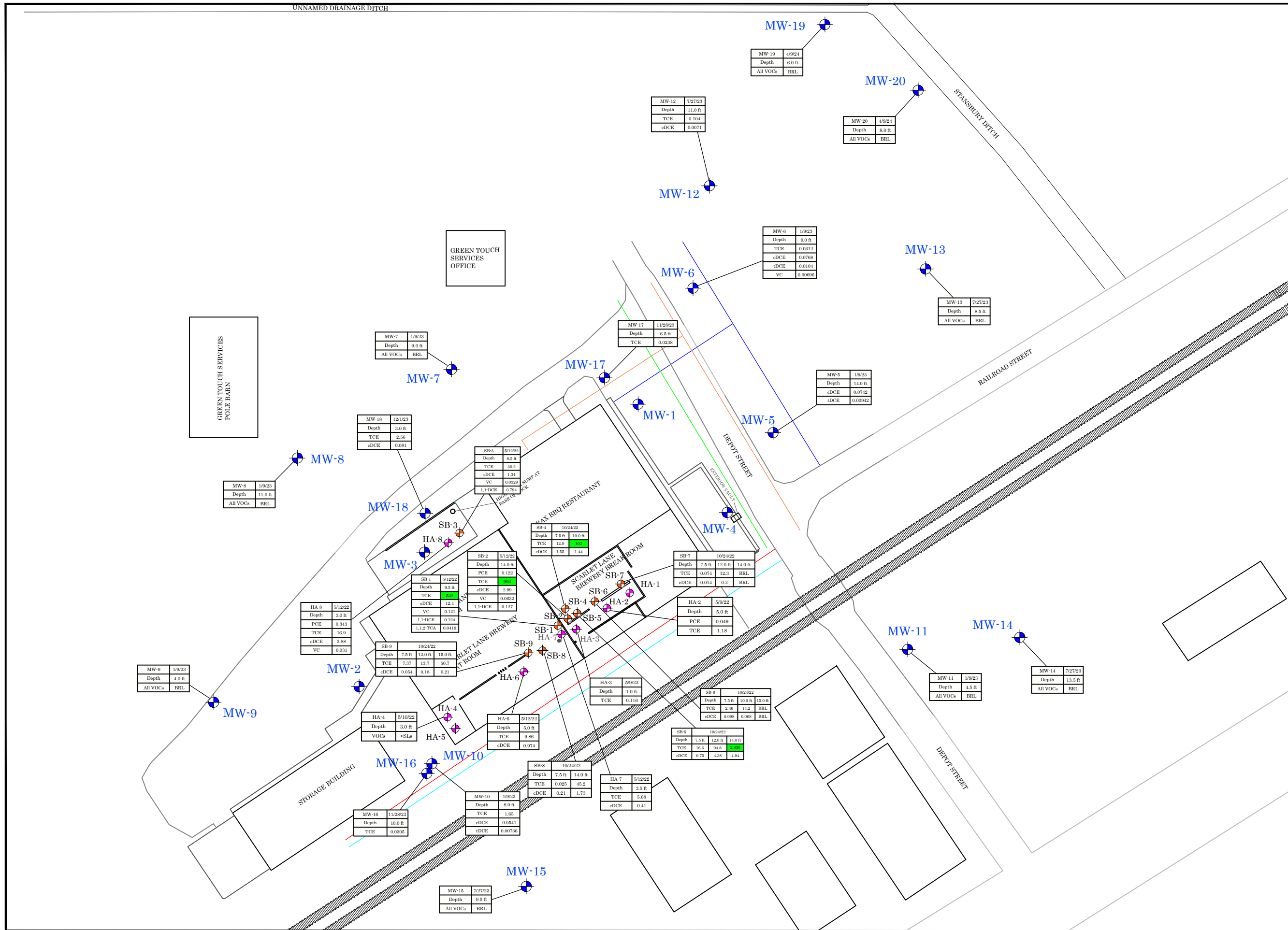
APPROXIMATE GRAPHIC SCALE



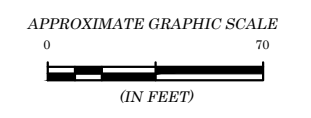
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SITE PLAN MAP
ADVANCED FINISHING
7724 DEPOT STREET
McCORDSVILLE, INDIANA 46055

Job No.: 002-007	Date: September 2023
Drawn By: JS	Version: 1
Approved By: RM	Figure No: 2



- MW-1 GROUNDWATER MONITORING WELL LOCATIONS
- HA-1 HAND AUGER LOCATIONS
- SB-1 SOIL BORING LOCATIONS
- GREEN SHADING EXCEEDANCE OF IDEM SHORT TERM EXCAVATION PUBLISHED LEVEL



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CUMULATIVE SOIL ANALYTICAL RESULTS
ADVANCED FINISHING
7724 DEPOT STREET
McCORDSVILLE, INDIANA 46055

Job No.:	Date:
002-007	JUNE 2024
Drawn By:	Version:
JS	1
Approved By:	Figure No.:
RM	3

MW-9	1/9/23
Depth	4.0 ft
All VOCs	BRL

HA-8	5/12/22
Depth	3.0 ft
PCE	0.343
TCE	16.9
cDCE	3.88
VC	0.031

HA-4	5/10/22
Depth	3.0 ft
VOCs	<SLs

MW-15	7/27/23
Depth	9.5 ft
All VOCs	BRL

MW-10	1/9/23
Depth	8.0 ft
TCE	1.65
cDCE	0.0541
dDCE	0.00736

HA-7	5/12/22
Depth	3.5 ft
TCE	5.68
cDCE	0.41

SB-5	10/24/22
Depth	7.5 ft 12.0 ft 14.0 ft
TCE	16.6 94.8
cDCE	0.75 4.38 4.94

HA-2	5/9/22
Depth	5.0 ft
PCE	0.049
TCE	1.18

SB-7	10/24/22
Depth	7.5 ft 12.0 ft 14.0 ft
TCE	0.074 12.9 BRL
cDCE	0.014 0.2 BRL

SB-4	10/24/22
Depth	7.5 ft 10.0 ft
TCE	12.9
cDCE	1.55 1.44

SB-3	5/12/22
Depth	8.5 ft
TCE	30.2
cDCE	1.34
VC	0.039
1,1-DCE	0.794

MW-18	12/1/23
Depth	3.0 ft
TCE	2.56
cDCE	0.081

SB-1	5/12/22
Depth	9.5 ft
TCE	5.75
cDCE	12.1
VC	0.121
1,1,2-TCA	0.019

SB-4	5/12/22
Depth	14.0 ft
PCE	0.122
TCE	2.90
cDCE	0.0632
VC	0.127
1,1-DCE	0.127

SB-9	10/24/22
Depth	7.5 ft 12.0 ft 15.0 ft
TCE	7.37 13.7 30.7
cDCE	0.054 0.18 0.21

HA-6	5/12/22
Depth	5.0 ft
TCE	9.86
cDCE	0.974

HA-5	5/10/22
Depth	3.0 ft
VOCs	<SLs

HA-4	5/10/22
Depth	3.0 ft
VOCs	<SLs

HA-3	5/9/22
Depth	1.0 ft
TCE	0.116

HA-1	5/9/22
Depth	5.0 ft
PCE	0.049
TCE	1.18

SB-2	5/12/22
Depth	14.0 ft
PCE	0.122
TCE	2.90
cDCE	0.0632
VC	0.127
1,1-DCE	0.127

SB-7	10/24/22
Depth	7.5 ft 10.0 ft
TCE	12.9
cDCE	1.55 1.44

SB-4	10/24/22
Depth	7.5 ft 10.0 ft
TCE	12.9
cDCE	1.55 1.44

SB-1	5/12/22
Depth	9.5 ft
TCE	5.75
cDCE	12.1
VC	0.121
1,1,2-TCA	0.019

SB-4	5/12/22
Depth	14.0 ft
PCE	0.122
TCE	2.90
cDCE	0.0632
VC	0.127
1,1-DCE	0.127

SB-9	10/24/22
Depth	7.5 ft 12.0 ft 15.0 ft
TCE	7.37 13.7 30.7
cDCE	0.054 0.18 0.21

HA-6	5/12/22
Depth	5.0 ft
TCE	9.86
cDCE	0.974

HA-5	5/10/22
Depth	3.0 ft
VOCs	<SLs

HA-4	5/10/22
Depth	3.0 ft
VOCs	<SLs

HA-3	5/9/22
Depth	1.0 ft
TCE	0.116

HA-1	5/9/22
Depth	5.0 ft
PCE	0.049
TCE	1.18

MW-17	11/28/23
Depth	6.5 ft
TCE	0.0238

MW-1	1/9/23
Depth	9.0 ft
TCE	0.0212
cDCE	0.0768
dDCE	0.0104
VC	0.00606

MW-5	1/9/23
Depth	14.0 ft
cDCE	0.0742
dDCE	0.00942

MW-4	7/27/23
Depth	8.5 ft
All VOCs	BRL

MW-11	1/9/23
Depth	4.5 ft
All VOCs	BRL

MW-14	7/27/23
Depth	13.5 ft
All VOCs	BRL

MW-13	7/27/23
Depth	8.5 ft
All VOCs	BRL

MW-6	1/9/23
Depth	9.0 ft
TCE	0.0212
cDCE	0.0768
dDCE	0.0104
VC	0.00606

MW-12	7/27/23
Depth	11.0 ft
TCE	0.104
cDCE	0.0071

MW-19	4/9/24
Depth	6.0 ft
All VOCs	BRL

MW-20	4/9/24
Depth	8.0 ft
All VOCs	BRL

MW-18	12/1/23
Depth	3.0 ft
TCE	2.56
cDCE	0.081

MW-3	5/12/22
Depth	3.0 ft
PCE	0.343
TCE	16.9
cDCE	3.88
VC	0.031

MW-2	1/9/23
Depth	4.0 ft
All VOCs	BRL

MW-8	1/9/23
Depth	11.0 ft
All VOCs	BRL

MW-7	1/9/23
Depth	3.0 ft
All VOCs	BRL

MW-16	11/28/23
Depth	10.0 ft
TCE	0.0305

MW-10	1/9/23
Depth	8.0 ft
TCE	1.65
cDCE	0.0541
dDCE	0.00736

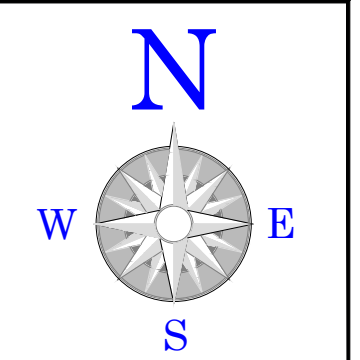
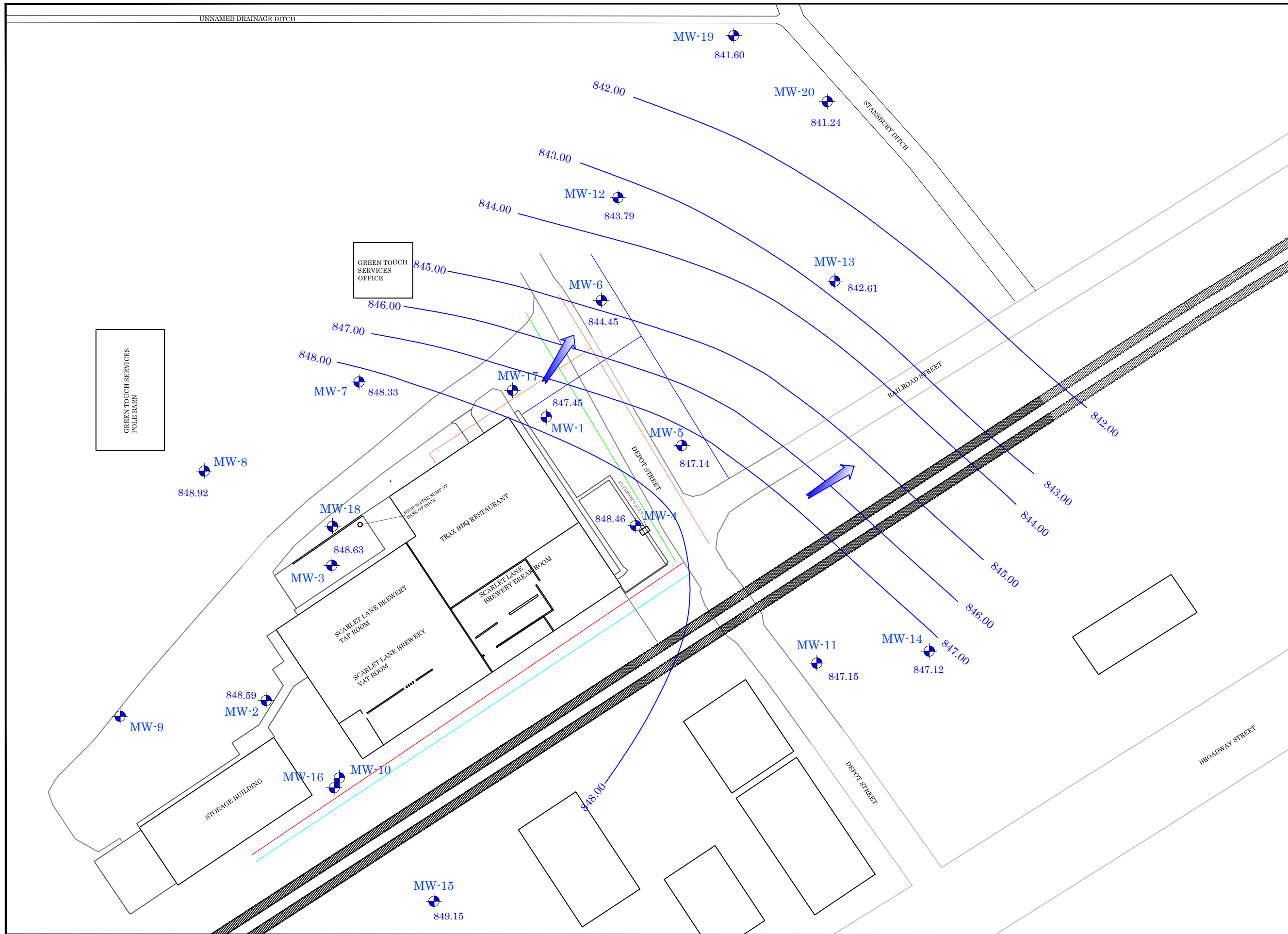
MW-15	7/27/23
Depth	9.5 ft
All VOCs	BRL

MW-11	1/9/23
Depth	4.5 ft
All VOCs	BRL

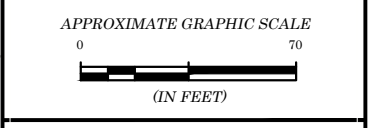
MW-14	7/27/23
Depth	13.5 ft
All VOCs	BRL

MW-13	7/27/23
Depth	8.5 ft
All VOCs	BRL

MW-6	1/9/23
Depth	9.0 ft
TCE	0.0212
cDCE	0.0768
dDCE	0.0104
VC	0.00606



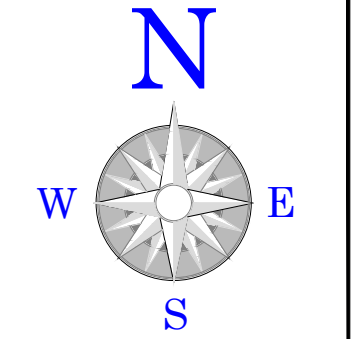
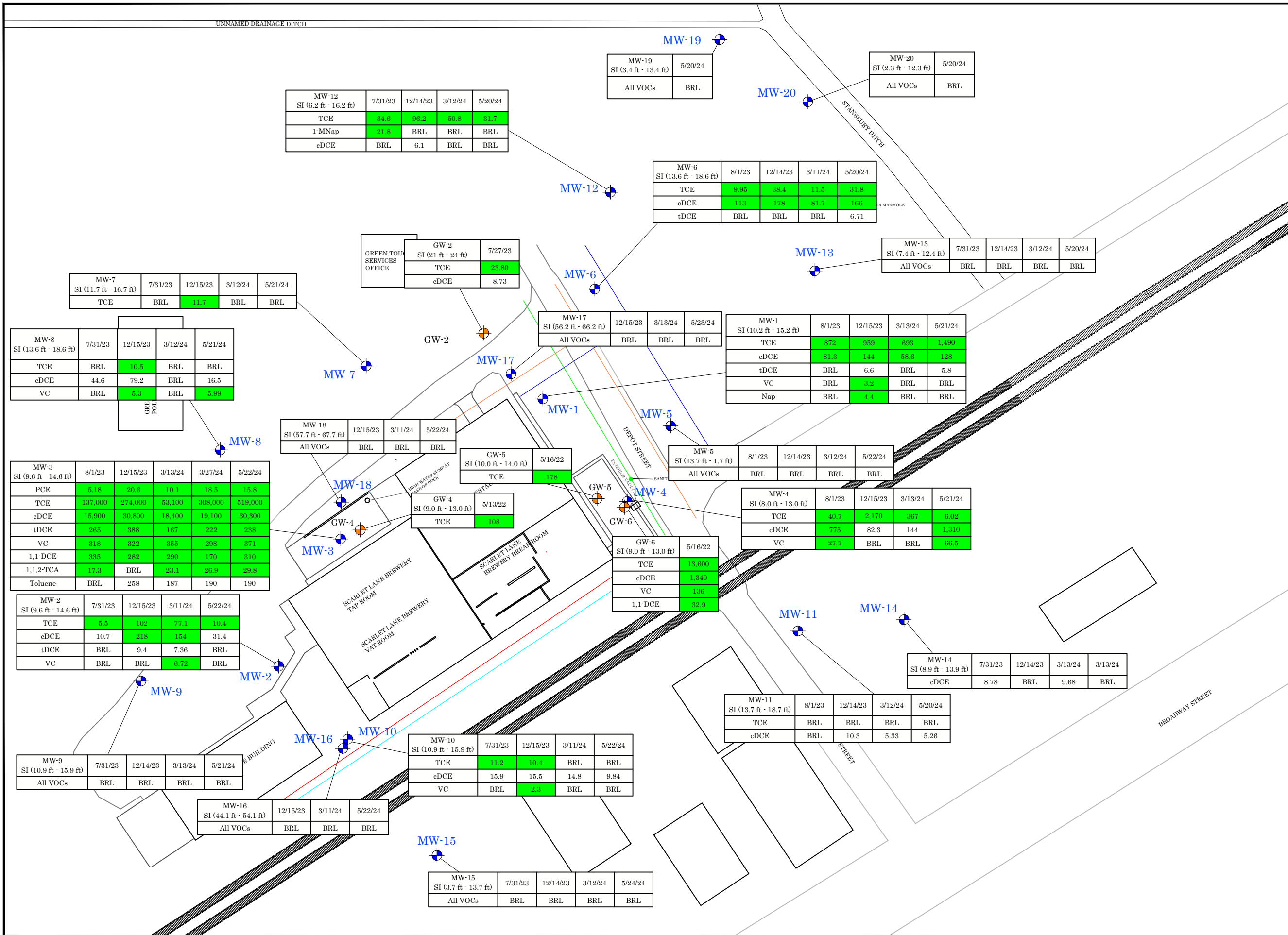
- MW-1 GROUNDWATER MONITORING WELL
- 847.45 MONITORING WELL GROUNDWATER ELEVATION
- 847.00 ELEVATION OF GROUNDWATER POTENTIOMETRIC SURFACE
- GROUNDWATER FLOW DIRECTION



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GROUNDWATER FLOW DIRECTION
(May 2024)
ADVANCED FINISHING
7724 DEPOT STREET
McCORDSVILLE, INDIANA 46055

Job No.: 002-007	Date: May 2024
Drawn By: JS	Version: 1
Approved By: RM	Figure No.: 4



- MW-1
- GROUNDWATER MONITORING WELL
- GW-1
- GRAB GROUNDWATER SAMPLE

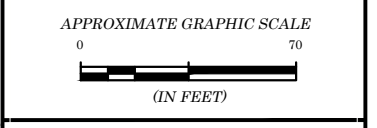
NOTES:

PCE - TETRACHLOROETHENE
TCE - TRICHLOROETHENE
cDCE - cis-1,2-DICHLOROETHENE
tDCE - trans-1,2-DICHLOROETHENE
VC - VINYL CHLORIDE
1,1-DCE - 1,1-DICHLOROETHENE
Nap - NAPHTHALENE
1-MNap - 1-METHYLNAPHTHALENE

BRL - BELOW LABORATORY REPORTING LIMIT

GREEN SHADING; EXCEEDANCE OF IDEM R2 GROUNDWATER PUBLISHED LEVEL

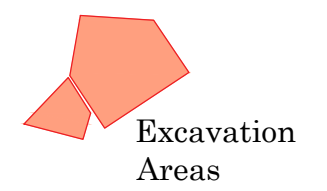
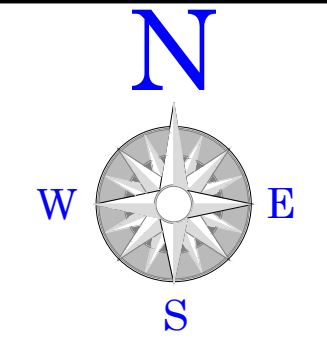
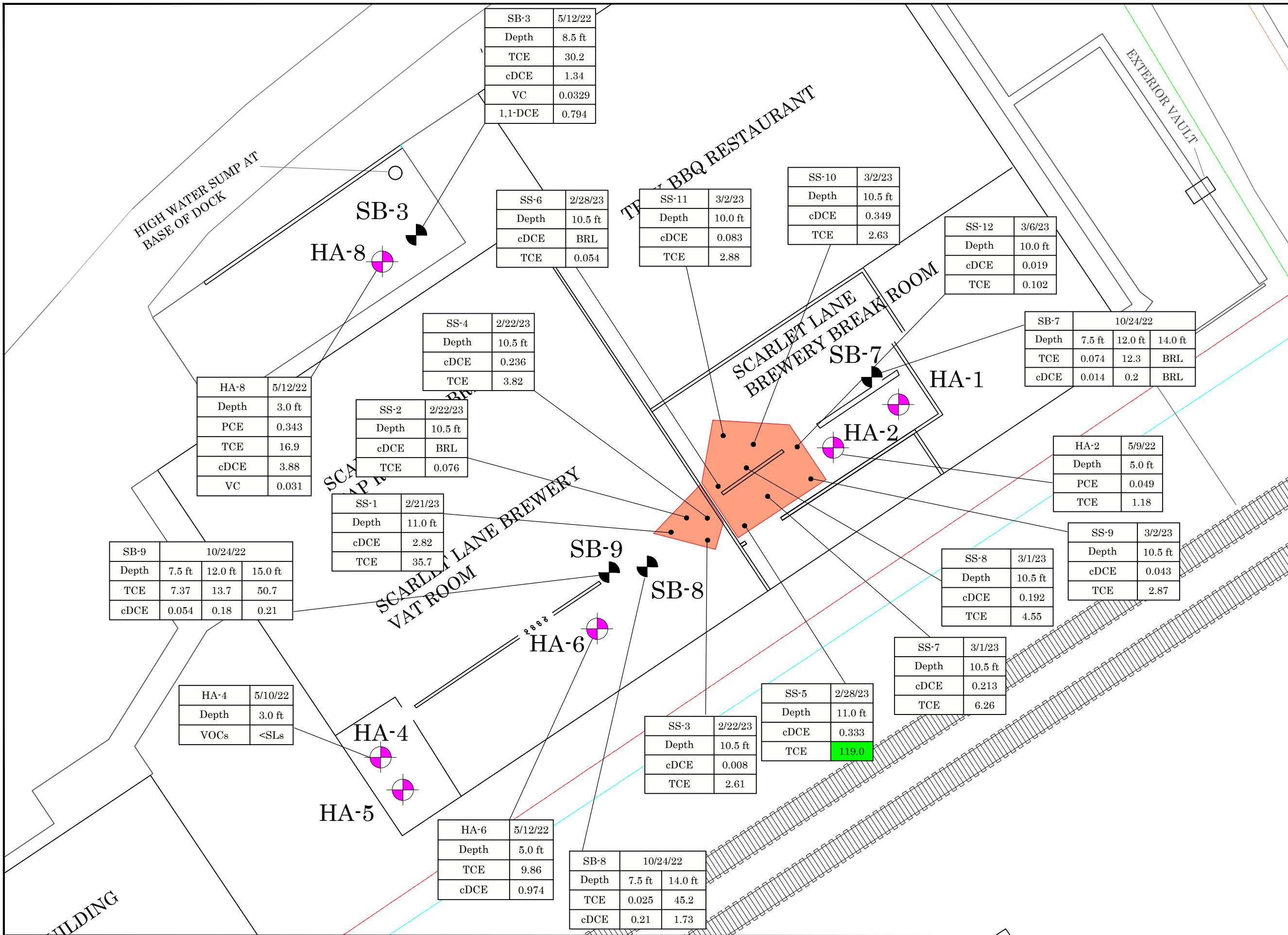
VALUES PRESENTED IN MICROGRAMS PER LITER (µg/l)



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inc

CUMMULATIVE GROUNDWATER ANALYTICAL RESULTS
ADVANCED FINISHING
7724 DEPOT STREET
McCORDSVILLE, INDIANA 46055

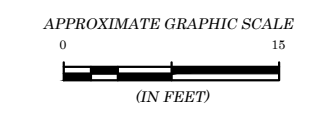
Job No.:	002-007	Date:	JUNE 2024
Drawn By:	RP	Version:	1
Approved By:	JS	Figure No.:	5



- SS-1 ● CONFIRMATORY SAMPLE LOCATIONS
- HA-1 ⊕ HAND AUGER LOCATIONS
- SB-1 ⊕ SOIL BORING LOCATIONS

NOTES:
 PCE - TETRACHLOROETHENE
 TCE - TRICHLOROETHENE
 cDCE - cis-1,2-DICHLOROETHENE
 tDCE - trans-1,2-DICHLOROETHENE
 VC - VINYL CHLORIDE
 1,1-DCE - 1,1-DICHLOROETHENE
 1,1,2-TCA - 1,1,2-TRICHLOROETHANE
 BRL - BELOW LABORATORY REPORTING LIMIT

GREEN SHADING: EXCEEDANCE OF IDEM R2 SHORT TERM EXCAVATION PUBLISHED LEVEL
 VALUES PRESENTED IN MICROGRAMS PER LITER (mg/kg)



LYNN-DOUGLAS
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APPROXIMATE EXTENT OF SOIL EXCAVATION AND REMAINING SOIL ANALYTICAL RESULTS
 ADVANCED FINISHING
 7724 DEPOT STREET
 McCORDSVILLE, INDIANA 46055

Job No.: 002-007	Date: SEPTEMBER 2023
Drawn By: RP	Version: 1
Approved By: JS	Figure No: 6

SB-3	5/12/22
Depth	8.5 ft
TCE	30.2
cDCE	1.34
VC	0.0329
1,1-DCE	0.794

SS-6	2/28/23
Depth	10.5 ft
cDCE	BRL
TCE	0.054

SS-11	3/2/23
Depth	10.0 ft
cDCE	0.083
TCE	2.88

SS-10	3/2/23
Depth	10.5 ft
cDCE	0.349
TCE	2.63

SS-12	3/6/23
Depth	10.0 ft
cDCE	0.019
TCE	0.102

SB-7	10/24/22
Depth	7.5 ft 12.0 ft 14.0 ft
TCE	0.074 12.3 BRL
cDCE	0.014 0.2 BRL

HA-8	5/12/22
Depth	3.0 ft
PCE	0.343
TCE	16.9
cDCE	3.88
VC	0.031

SS-2	2/22/23
Depth	10.5 ft
cDCE	BRL
TCE	0.076

SS-1	2/21/23
Depth	11.0 ft
cDCE	2.82
TCE	35.7

SB-9	10/24/22
Depth	7.5 ft 12.0 ft 15.0 ft
TCE	7.37 13.7 50.7
cDCE	0.054 0.18 0.21

SB-9	
Depth	
TCE	
cDCE	

SB-8	
Depth	
TCE	
cDCE	

SS-8	3/1/23
Depth	10.5 ft
cDCE	0.192
TCE	4.55

SS-9	3/2/23
Depth	10.5 ft
cDCE	0.043
TCE	2.87

HA-4	5/10/22
Depth	3.0 ft
VOCs	<SLs

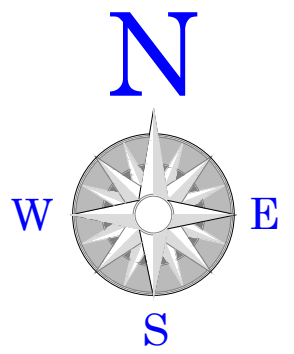
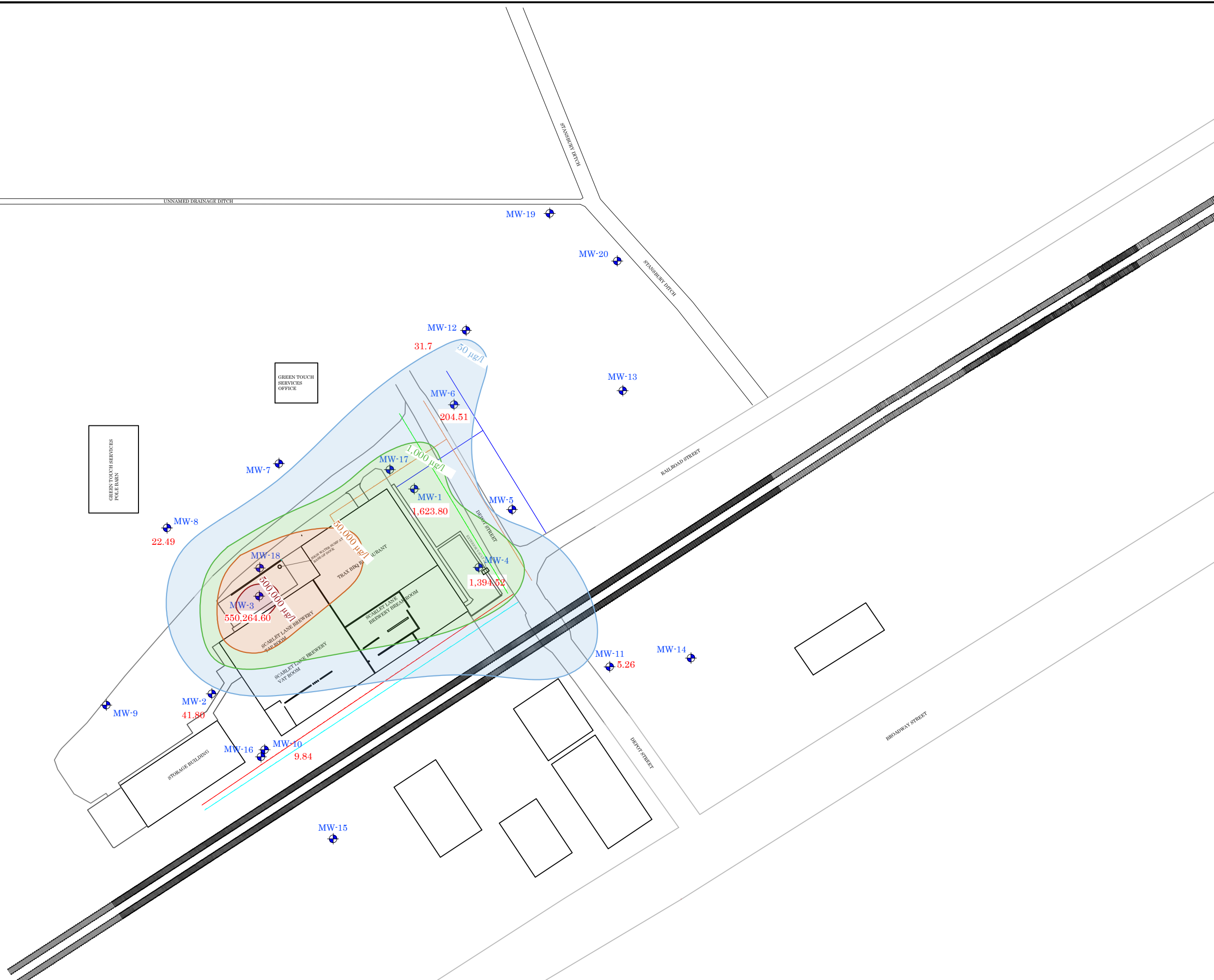
SS-5	2/28/23
Depth	11.0 ft
cDCE	0.333
TCE	119.0

SS-3	2/22/23
Depth	10.5 ft
cDCE	0.008
TCE	2.61

SS-7	3/1/23
Depth	10.5 ft
cDCE	0.213
TCE	6.26

HA-6	5/12/22
Depth	5.0 ft
TCE	9.86
cDCE	0.974

SB-8	10/24/22
Depth	7.5 ft 14.0 ft
TCE	0.025 45.2
cDCE	0.21 1.73



GROUNDWATER MONITORING WELL

204.51 TOTAL cVOC CONCENTRATION IN MICROGRAMS PER LITER (µg/l)

NOTES:

- RED LINE: ESTIMATED 500,000 µg/l ISOCONCENTRATION
- ORANGE LINE: ESTIMATED 50,000 µg/l ISOCONCENTRATION
- GREEN LINE: ESTIMATED 1,000 µg/l ISOCONCENTRATION
- BLUE LINE: ESTIMATED 50 µg/l ISOCONCENTRATION

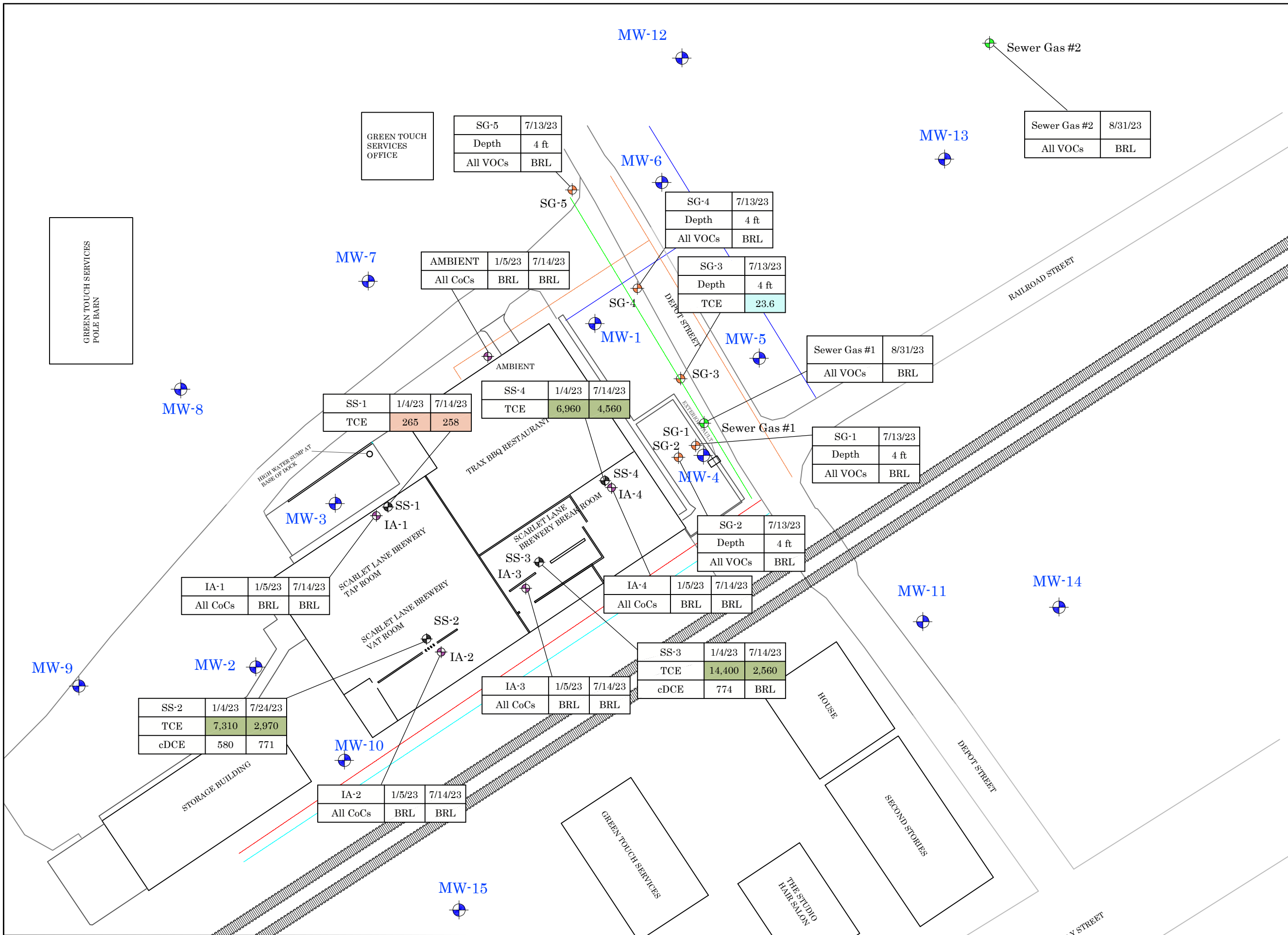
APPROXIMATE GRAPHIC SCALE



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TOTAL CVOC GROUNDWATER ISOCONCENTRATION MAP
ADVANCED FINISHING
7724 DEPOT STREET
McCORDSVILLE, INDIANA 46055

Job No.: 002-007	Date: JUNE 2024
Drawn By: JS	Version: 1
Approved By: RM	Figure No.: 7



N

S

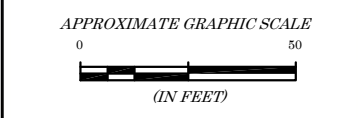
- Groundwater Monitoring Well
- Sewer Gas Location
- Soil Gas Location
- Sub Slab Location
- Indoor Air Sample Location

INDOOR AIR		
CONSTITUENT	Residential IA PIs	Industrial IA PIs
PCE	40	200
TCE	2	9
c-DCE	40	200
t-DCE	40	200
Vinyl Chloride	2	30

SUB SLAB/CONDUIT		
CONSTITUENT	Residential SS PIs	Industrial SS PIs
PCE	1,000	6,000
TCE	70	800
c-DCE	1,000	6,000
t-DCE	1,000	6,000
Vinyl Chloride	60	900

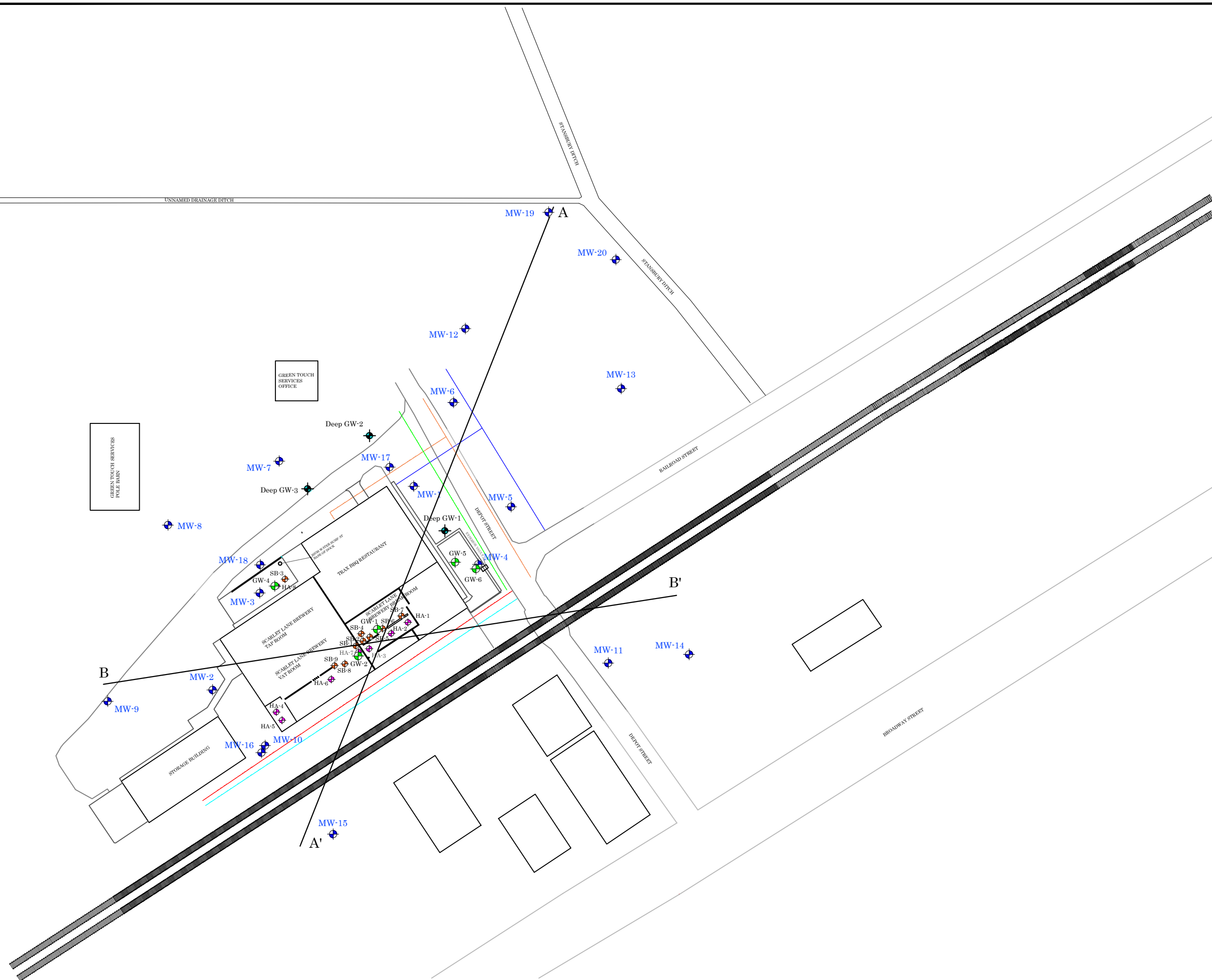
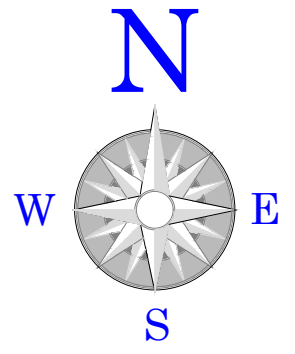
SHALLOW EXTERIOR		
CONSTITUENT	Residential SS PIs	Industrial SS PIs
PCE	400	2,000
TCE	20	90
c-DCE	400	2,000
t-DCE	400	2,000
Vinyl Chloride	20	300

All values are reported in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$); Indoor Air (IA) and (SVP) Sub Slab.

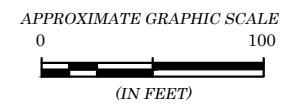


**CUMULATIVE VAPOR ANALYTICAL RESULTS
ADVANCED FINISHING
7724 DEPOT STREET
McCORDSVILLE, INDIANA 46055**

Job No.: 002-007	Date: September 2023
Drawn By: JS	Version: 1
Approved By: RM	Figure No: 8



- MW-1
 GROUNDWATER MONITORING WELL LOCATIONS
- HA-1
 HAND AUGER LOCATIONS
- SOIL BORING LOCATIONS
- Deep GW-1
 DEEP GROUNDWATER SAMPLE LOCATIONS
- GW-1
 GRAB GROUNDWATER SAMPLE LOCATIONS
- A ————— A'
 CROSS SECTION TRACE



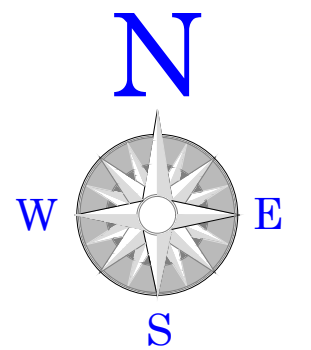
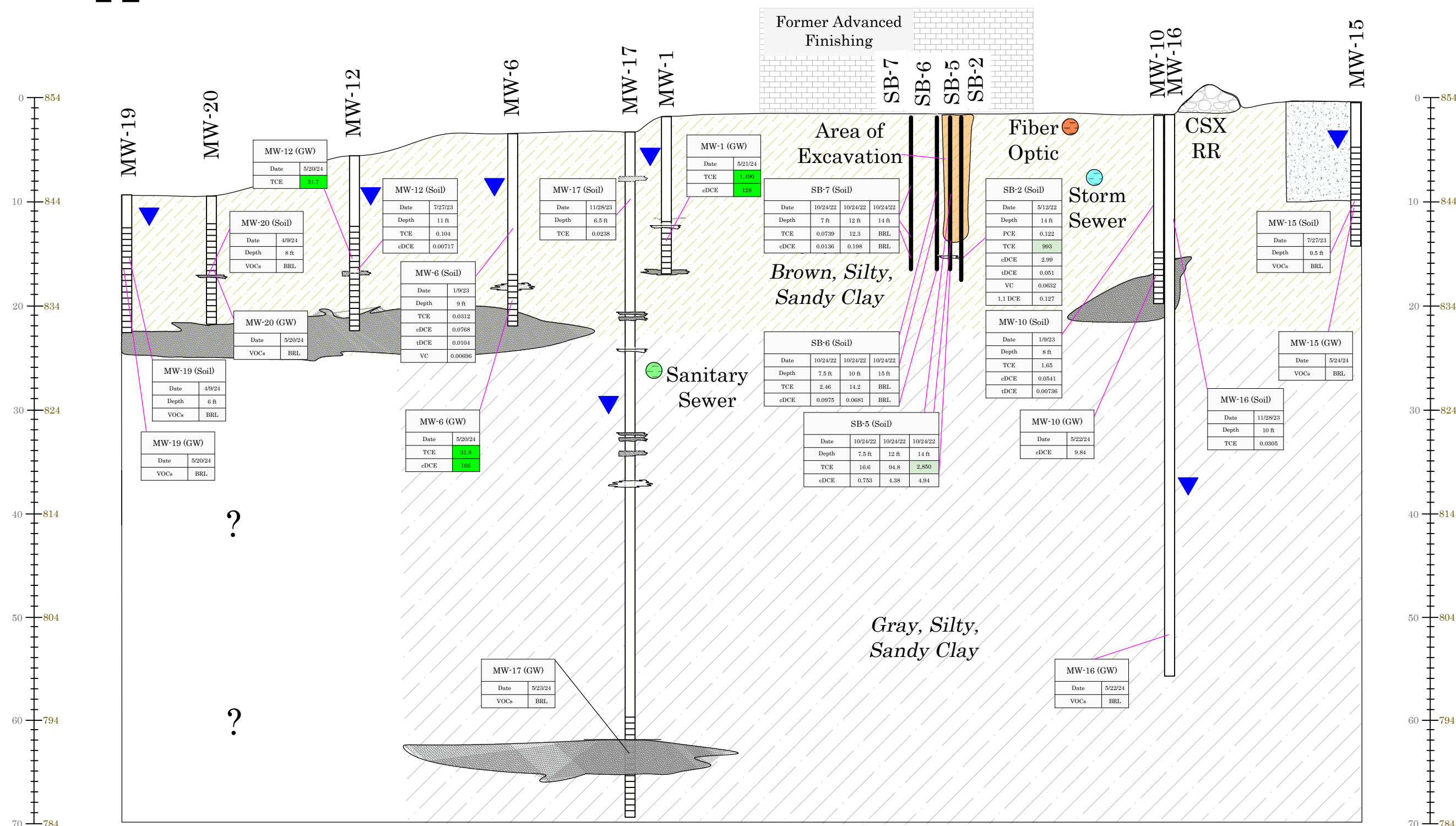
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CROSS SECTION TRACE
 ADVANCED FINISHING
 7724 DEPOT STREET
 McCORDSVILLE, INDIANA 46055

Job No: 002-007	Date: JUNE 2024
Drawn By: RP	Version: 1
Approved By: JS	Figure No: 9

A

A'



Legend

- Brown/gray silty sandy clay w/interbedded sand seams and layers
- Sand
- Fiber Optic Utility
- Storm Utility
- Sanitary Utility
- SB = DIRECT PUSH BORING LOCATION
- MW = MONITORING WELL LOCATION

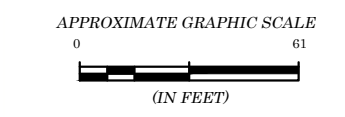
ALL SOIL CONCENTRATIONS REPORTED IN MILLIGRAMS PER KILOGRAM (mg/kg)

All GROUNDWATER CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER (ug/l)

BRL = BELOW LABORATORY REPORTING LIMITS

ALL ANALYTICAL RESULTS COMPARED TO IDEM R2 SCREENING LEVELS

MONITORING WELL STATIC WATER LEVEL (5/2024)



CROSS SECTION A-A'
(NORTH SOUTH)
ADVANCED FINISHING
7724 DEPOT STREET
McCORDSVILLE, INDIANA 46055

Job No.: 002-007	Date: JUNE 2024
Drawn By: JS	Version: 1
Approved By: RM	Figure No: 10

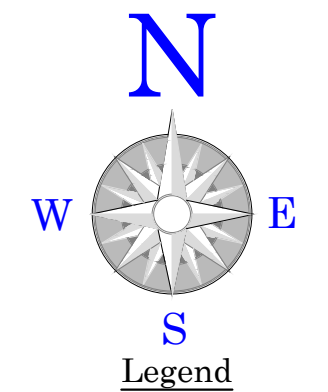
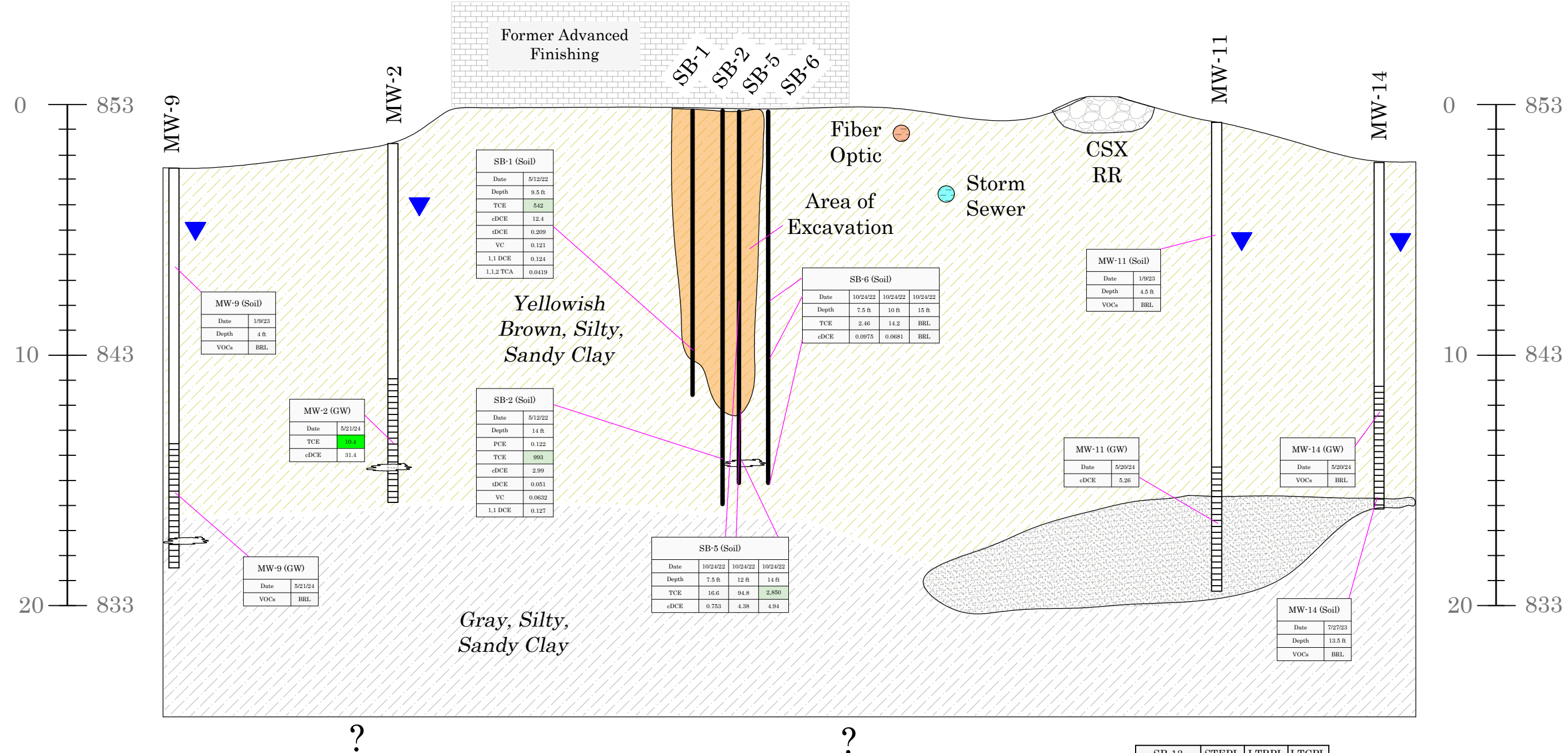
MW-5	GWPL
PCE	5
TCE	5
cDCE	70
tDCE	100
VC	2
1,1 DCE	7
1-MNAP	10

SB-13	STEPL	LTRPL	LTCPL
PCE	200	NE	NE
TCE	100	NE	NE
cDCE	2,000	NE	NE
tDCE	2,000	NE	NE
VC	1,000	NE	NE
1,1 DCE	1,000	NE	NE
Naph	3,000	30	90

STEPL - IDEM R2 SHORT TERM EXCAVATION PUBLIC LEVEL
 LTRPL - IDEM R2 LONG TERM RESIDENTIAL PUBLIC LEVEL
 LTCPL - IDEM R2 LONG TERM COMMERCIAL PUBLIC LEVEL
 GWPL - IDEM R2 GROUNDWATER PUBLISHED LEVEL

B

B'



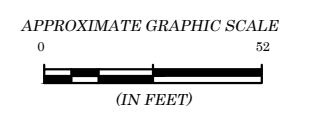
ALL SOIL CONCENTRATIONS REPORTED IN MILLIGRAMS PER KILOGRAM (mg/kg)

ALL GROUNDWATER CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER (ug/l)

BRL = BELOW LABORATORY REPORTING LIMITS

ALL ANALYTICAL RESULTS COMPARED TO IDEM R2 SCREENING LEVELS

▼ MONITORING WELL STATIC WATER LEVEL (5/2024)



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CROSS SECTION B-B'
(WEST EAST)
ADVANCED FINISHING
7724 DEPOT STREET
McCORDSVILLE, INDIANA 46055

Job No.: 002-007	Date: JUNE 2024
Drawn By: JS	Version: 1
Approved By: RM	Figure No.: 11

MW-5	GWPL
PCE	5
TCE	5
cDCE	70
tDCE	100
VC	2
1,1 DCE	7

SB-13	STEPL	LTRPL	LTCPPL
PCE	200	NE	NE
TCE	100	NE	NE
cDCE	2,000	NE	NE
tDCE	2,000	NE	NE
VC	1,000	NE	NE
1,1 DCE	1,000	NE	NE
1,1,2 TCA	30	NE	NE
Naph	3,000	30	90

STEPL - IDEM R2 SHORT TERM EXCAVATION SCREENING LEVEL
LTRPL - IDEM R2 LONG TERM RESIDENTIAL PUBLIC LEVEL
LTCPPL - IDEM R2 LONG TERM COMMERCIAL PUBLIC LEVEL
GWPL - IDEM R2 GROUNDWATER PUBLISHED LEVEL

TABLES



LYNN-DOUGLAS
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TABLE 1
Historical Groundwater Elevation Measurements
Former Advanced Finishing Corp. McCordsville, Indiana
State Cleanup Site No. 0001074

Location	Date	Total Well Depth (ft)	Screened Interval (ft)	TOC Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)
MW-1	6/13/2022	15.15	10.15 - 15.15	852.16	4.84	847.32
	1/11/2023				5.58	846.58
	2/8/2023				5.52	846.64
	7/11/2023				5.12	847.04
	7/19/2023				5.01	847.15
	7/25/2023				4.99	847.17
	8/3/2023				5.66	846.50
	12/14/2023				6.03	847.32
	3/11/2024				5.26	846.90
5/21/2024	4.71	847.45				
MW-2	6/13/2022	14.57	9.57 - 14.57	851.67	3.56	848.11
	1/11/2023				3.03	848.64
	2/8/2023				3.16	848.51
	7/11/2023				3.28	848.39
	7/19/2023				3.43	848.24
	7/25/2023				2.81	848.86
	8/3/2023				4.31	847.36
	12/14/2023				4.11	847.56
	3/11/2024				2.77	848.90
5/21/2024	3.08	848.59				
MW-3	6/13/2022	14.60	9.60 - 14.60	849.82	7.07	842.75
	1/11/2023				0.63	849.19
	2/8/2023				8.02	841.80
	7/11/2023				1.92	847.90
	7/19/2023				1.35	848.47
	7/25/2023				1.33	848.49
	8/3/2023				3.16	846.66
	12/14/2023				2.35	847.47
	3/11/2024				1.22	848.60
3/27/2024	2.63	847.19				
5/22/2024	1.19	848.63				
MW-4	6/13/2022	13.08	8.08 - 13.08	852.28	3.92	848.36
	1/11/2023				5.09	847.19
	2/8/2023				5.05	847.23
	7/11/2023				4.59	847.69
	7/19/2023				4.44	847.84
	7/25/2023				3.21	849.07
	8/3/2023				4.97	847.31
	12/14/2023				5.51	846.77
	3/11/2024				4.92	847.36
5/21/2024	3.82	848.46				
MW-5	1/13/2023	18.71	13.71 - 18.71	852.11	0.30	851.81
	2/8/2023				5.22	846.89
	7/11/2023				6.18	845.93
	7/19/2023				6.17	845.94
	7/25/2023				6.21	845.90
	8/3/2023				6.47	845.64
	12/14/2023				7.57	844.54
	3/11/2024				5.56	846.55
5/22/2024	4.97	847.14				



LYNN-DOUGLAS
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TABLE 1
Historical Groundwater Elevation Measurements
Former Advanced Finishing Corp. McCordsville, Indiana
State Cleanup Site No. 0001074

Location	Date	Total Well Depth (ft)	Screened Interval (ft)	TOC Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)
MW-6	1/13/2023	18.60	13.60 - 18.60	850.57	4.40	846.17
	2/8/2023				6.71	843.86
	7/11/2023				6.77	843.80
	7/19/2023				6.91	843.66
	7/25/2023				6.70	843.87
	8/3/2023				7.17	843.40
	12/14/2023				7.35	843.22
	3/11/2024				6.37	844.20
5/20/2024	6.12	844.45				
MW-7	1/13/2023	16.69	11.69 - 16.69	851.96	4.09	847.87
	2/8/2023				3.56	848.40
	7/11/2023				4.85	847.11
	7/19/2023				4.92	847.04
	7/25/2023				5.01	846.95
	8/3/2023				5.48	846.48
	12/14/2023				5.35	846.61
	3/11/2024				3.01	848.95
5/21/2024	3.63	848.33				
MW-8	1/13/2023	18.63	8.63 - 18.63	851.24	2.68	848.56
	2/8/2023				2.56	848.68
	7/11/2023				2.91	848.33
	7/19/2023				2.86	848.38
	7/25/2023				2.59	848.65
	8/3/2023				3.32	847.92
	12/14/2023				3.68	847.56
	3/11/2024				1.81	849.43
5/21/2024	2.32	848.92				
MW-9	1/13/2023	15.94	10.94 - 15.94	850.51	2.51	848.00
	2/8/2023				3.35	847.16
	7/11/2023				2.84	847.67
	7/19/2023				3.00	847.51
	7/25/2023				2.88	847.63
	8/3/2023				3.26	847.25
	12/14/2023				4.31	846.20
	3/13/2024				3.11	847.40
5/21/2024	2.82	847.69				
MW-10	1/13/2023	18.00	13.00 - 18.00	852.22	4.52	847.70
	2/8/2023				5.08	847.14
	7/11/2023				4.58	847.64
	7/19/2023				4.71	847.51
	7/25/2023				4.58	847.64
	8/3/2023				4.97	847.25
	12/14/2023				7.55	844.67
	3/11/2024				4.79	847.43
5/22/2024	4.76	847.46				



TABLE 1
Historical Groundwater Elevation Measurements
Former Advanced Finishing Corp. McCordsville, Indiana
State Cleanup Site No. 0001074

Location	Date	Total Well Depth (ft)	Screened Interval (ft)	TOC Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)
MW-11	1/13/2023	18.69	13.69 - 18.69	852.38	5.71	846.67
	2/9/2023				5.69	846.69
	7/11/2023				5.31	847.07
	7/19/2023				5.45	846.93
	7/25/2023				5.37	847.01
	8/3/2023				5.59	846.79
	12/14/2023				6.44	845.94
	3/11/2024				5.46	846.92
5/20/2024	5.23	847.15				
MW-12	8/3/2023	16.80	6.80 - 16.80	848.47	8.30	840.17
	12/14/2023				6.95	841.52
	3/11/2024				5.98	842.49
	5/20/2024				4.68	843.79
MW-13	8/3/2023	12.48	7.48 - 12.48	846.43	4.53	841.90
	12/14/2023				4.53	841.90
	3/11/2024				3.77	842.66
	5/20/2024				3.82	842.61
MW-14	8/3/2023	13.87	8.87 - 13.87	850.8	3.96	846.84
	12/14/2023				4.86	845.94
	3/11/2024				3.89	846.91
	5/20/2024				3.68	847.12
MW-15	8/3/2023	13.67	3.67-13.67	853.79	4.94	848.85
	12/14/2023				6.27	847.52
	3/11/2024				4.73	849.06
	5/24/2024				4.64	849.15
MW-16	12/14/2023	54.16	44.16 - 54.16	852.45	14.70	837.75
	3/11/2024				13.02	839.43
	5/22/2024				36.59	815.86
MW-17	12/14/2023	66.20	56.20 - 66.20	850.8	13.20	837.60
	3/13/2024				10.84	839.96
	5/23/2024				27.27	823.53
MW-18	12/14/2023	67.72	57.72 - 67.72	853.79	13.11	840.68
	3/11/2024				11.87	841.92
	5/22/2024				43.89	809.90
MW-19	5/20/2024	13.39	3.39 - 13.39	844.71	3.11	841.60
MW-20	5/20/2024	12.29	2.29 - 12.29	844.45	3.21	841.24

Top of Casing (TOC) elevations were surveyed from an established on site benchmark.



TABLE 2
Cumulative Soil Analytical Results
Former Advanced Finishing Corp. McCordsville, IN
State Cleanup Site No. 0001074

Parameter			1,1-DICHLOROETHENE	CIS-1,2-DICHLOROETHENE	TRANS-1,2-DICHLOROETHENE	TETRA CHLOROETHENE	1,1,2-TRICHLOROETHANE	TRICHLOROETHENE	VINYL CHLORIDE
IDEM R2 Excavation			1,000	2,000	2,000	200	30	100	1,000
Sample ID	Depth	Date	Results in milligrams per kilogram (mg/kg)						
HA-2	5'	5/9/2022	BRL	0.0096	BRL	0.0491	BRL	1.18	BRL
HA-3	1'	5/9/2022	BRL	BRL	BRL	BRL	BRL	0.116	BRL
HA-4	3'	5/10/2022	BRL	BRL	BRL	BRL	BRL	BRL	BRL
HA-6	5'	5/12/2022	BRL	0.974	0.0195	0.0177	BRL	9.86	BRL
HA-7	3.5'	5/12/2022	BRL	0.41	0.0139	0.0422	BRL	5.68	BRL
HA-8	3'	5/12/2022	0.0137	3.88	0.0772	0.343	0.00378	16.9	0.0306
SB-1	9.5'	5/12/2022	0.124	12.4	0.209	BRL	0.0419	542	0.121
SB-2	14'	5/12/2022	0.127	2.99	0.051	0.122	BRL	993	0.0632
SB-3	8.5'	5/12/2022	0.794	1.34	0.0388	BRL	BRL	30.2	0.0329
SB-4	7.5'	10/24/2022	BRL	1.55	BRL	BRL	BRL	12.9	BRL
	10'	10/24/2022	BRL	1.44	BRL	BRL	BRL	102	BRL
SB-5	7.5'	10/24/2022	BRL	0.753	BRL	BRL	BRL	16.6	BRL
	12'	10/24/2022	BRL	4.38	BRL	BRL	BRL	94.8	BRL
	14'	10/24/2022	BRL	4.94	BRL	BRL	BRL	2,850	BRL
SB-6	7.5'	10/24/2022	BRL	0.0975	BRL	BRL	BRL	2.46	BRL
	10'	10/24/2022	BRL	0.0681	BRL	BRL	BRL	14.2	BRL
	15'	10/24/2022	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SB-7	7'	10/24/2022	BRL	0.0136	BRL	BRL	BRL	0.0739	BRL
	12'	10/24/2022	BRL	0.198	BRL	BRL	BRL	12.3	BRL
	14'	10/24/2022	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SB-8	7.5'	10/24/2022	BRL	0.213	BRL	BRL	BRL	0.0247	0.0031
	14'	10/24/2022	BRL	1.73	BRL	BRL	BRL	45.2	BRL
	15'	10/24/2022	BRL	0.361	BRL	BRL	BRL	48.1	BRL
SB-9	7.5'	10/24/2022	BRL	0.0541	BRL	BRL	BRL	7.37	BRL
	12'	10/24/2022	BRL	0.175	BRL	BRL	BRL	13.7	BRL
	15'	10/24/2022	BRL	0.214	BRL	BRL	BRL	50.7	BRL
MW-5	14'	1/9/2023	BRL	0.0742	0.00942	BRL	BRL	BRL	BRL
MW-6	9'	1/9/2023	BRL	0.0768	0.0104	BRL	BRL	0.0312	0.00696
MW-7	9'	1/9/2023	BRL	BRL	BRL	BRL	BRL	BRL	BRL
MW-8	11'	1/9/2023	BRL	BRL	BRL	BRL	BRL	BRL	BRL
MW-9	4'	1/9/2023	BRL	BRL	BRL	BRL	BRL	BRL	BRL
MW-10	8'	1/9/2023	BRL	0.0541	0.00736	BRL	BRL	1.65	BRL
MW-11	4.5'	1/9/2023	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SS-1	11'	2/21/2023	BRL	2.82	BRL	BRL	BRL	35.7	BRL
SS-2	10.5'	2/22/2023	BRL	BRL	BRL	BRL	BRL	0.0764	BRL
SS-3	10.5'	2/22/2023	BRL	0.00775	BRL	BRL	BRL	2.61	BRL
SS-4	10.5'	2/22/2023	BRL	0.236	BRL	BRL	BRL	3.82	BRL
SS-5	11'	2/28/2023	BRL	0.333	BRL	BRL	BRL	119	BRL
SS-6	10.5'	2/28/2023	BRL	BRL	BRL	BRL	BRL	0.0542	BRL
SS-7	10.5'	3/1/2023	BRL	0.213	BRL	BRL	BRL	6.26	BRL
SS-8	10.5'	3/1/2023	BRL	0.192	BRL	BRL	BRL	4.55	BRL
SS-9	9'	3/2/2023	BRL	0.0429	BRL	BRL	BRL	2.87	BRL
SS-10	9'	3/2/2023	BRL	0.349	BRL	BRL	BRL	2.63	BRL
SS-11	10'	3/2/2023	BRL	0.0833	BRL	BRL	BRL	2.88	BRL
SS-12	10'	3/2/2023	BRL	0.0193	BRL	BRL	BRL	0.102	BRL
MW-12	11'	7/27/2023	BRL	0.00717	BRL	BRL	BRL	0.104	BRL
MW-13	8.5'	7/27/2023	BRL	BRL	BRL	BRL	BRL	BRL	BRL
MW-14	13.5'	7/27/2023	BRL	BRL	BRL	BRL	BRL	BRL	BRL
MW-15	9.5'	7/27/2023	BRL	BRL	BRL	BRL	BRL	BRL	BRL
MW-16	10'	11/28/2023	BRL	BRL	BRL	BRL	BRL	0.0305	BRL
MW-17	6.5'	11/28/2023	BRL	BRL	BRL	BRL	BRL	0.0238	BRL
MW-18	3'	12/1/2023	BRL	0.081	BRL	BRL	BRL	2.56	BRL
MW-19	6'	4/9/2024	BRL	BRL	BRL	BRL	BRL	BRL	BRL
MW-20	8'	4/9/2024	BRL	BRL	BRL	BRL	BRL	BRL	BRL

Notes:

BRL = Below Laboratory Reporting Limit

IDEM = Indiana Department of Environmental Management

R2 = Risk-Based Closure Guide

Green Fill - Exceeds IDEM R2 Short Term Excavation Screening Level

TABLE 3
Cumulative Groundwater Analytical Results
Former Advanced Finishing Corp. McCordsville, IN
State Cleanup Site No. 0001074

Parameter		1,1-DICHLOROETHENE	CIS-1,2-DICHLOROETHENE	TRANS-1,2-DICHLOROETHENE	TETRACHLOROETHENE	2-BUTANONE (MEK)	TOLUENE	1,1,2-TRICHLOROETHANE	TRICHLOROETHENE	VINYL CHLORIDE	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE
IDEM R2 Groundwater Published Levels		7	70	100	5	6,000	1,000	5	5	2	10	40
Sample ID	Date	Results in Micrograms Per Liter (µg/L)										
GW-1	05/12/2022	1.73	1,010	10.9	BRL	22.7	BRL	BRL	2,280	32.8	BRL	BRL
GW-2	05/13/2022	BRL	25,900	113	BRL	BRL	BRL	BRL	198,000	478	BRL	BRL
GW-4	05/13/2022	BRL	11.7	BRL	BRL	23.7	BRL	BRL	108	1.21	BRL	BRL
GW-5	05/16/2022	BRL	19.5	3.3	BRL	BRL	BRL	BRL	178	BRL	BRL	BRL
GW-6	05/16/2022	32.9	1,340	36.8	BRL	BRL	BRL	BRL	13,600	186	BRL	BRL
DEEP GW-2	7/27/2023	BRL	8.73	BRL	BRL	BRL	BRL	BRL	23.8	BRL	BRL	BRL
PW-1	8/3/2023	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
MW-1	6/14/2022	2.14	220	10.6	BRL	BRL	BRL	BRL	1,370	5.31	BRL	BRL
	1/1/2023	BRL	349	16.1	BRL	BRL	BRL	BRL	148	7.19	BRL	BRL
	8/1/2023	BRL	81.3	BRL	BRL	BRL	BRL	BRL	872	BRL	BRL	BRL
	12/15/2023	BRL	144	6.6	BRL	BRL	BRL	BRL	959	3.2	BRL	BRL
	3/13/2024	BRL	58.6	BRL	BRL	BRL	BRL	BRL	693	BRL	BRL	BRL
MW-2	5/21/2024	BRL	128	5.8	BRL	BRL	BRL	BRL	1,490	BRL	BRL	BRL
	6/13/2022	BRL	74.5	7.57	BRL	BRL	BRL	BRL	50.3	19.8	BRL	BRL
	1/1/2023	BRL	148	6.28	BRL	BRL	BRL	BRL	1,030	3.56	BRL	BRL
	7/31/2023	BRL	10.7	BRL	BRL	BRL	BRL	BRL	5.5	BRL	BRL	BRL
	12/15/2023	BRL	218	9.4	BRL	BRL	BRL	BRL	102	BRL	BRL	BRL
MW-3	3/1/2024	BRL	154	7.36	BRL	BRL	BRL	BRL	77.1	6.72	BRL	BRL
	5/21/2024	BRL	31.4	BRL	BRL	BRL	BRL	BRL	10.4	BRL	BRL	BRL
	6/14/2022	321	19,200	180	BRL	BRL	338	BRL	267,000	238	BRL	BRL
	1/1/2023	330	25,800	182	12.4	BRL	162	29.5	186,000	332	BRL	BRL
	8/1/2023	335	15,900	265	5.18	BRL	163	17.3	137,000	318	BRL	BRL
MW-4	12/15/2023	282	30,800	388	20.6	BRL	258	17.3	274,000	322	BRL	BRL
	3/13/2024	290	18,400	167	10.1	BRL	187	23.1	53,100	355	BRL	BRL
	3/27/2024	170	19,100	222	18.5	BRL	190	26.9	308,000	298	BRL	BRL
	5/22/2024	310	30,300	238	15.8	BRL	190	29.8	519,000	371	BRL	BRL
	6/14/2022	BRL	193	4.64	BRL	BRL	BRL	BRL	494	27.7	BRL	BRL
MW-5	1/1/2023	BRL	940	5.41	BRL	BRL	BRL	BRL	232	BRL	BRL	BRL
	8/1/2023	BRL	775	5.39	BRL	BRL	BRL	BRL	40.7	27.7	BRL	BRL
	12/15/2023	BRL	82.3	BRL	BRL	BRL	BRL	BRL	2,170	BRL	BRL	BRL
	3/13/2024	BRL	144	BRL	BRL	BRL	BRL	BRL	367	BRL	BRL	BRL
	5/21/2024	BRL	1,310	12	BRL	BRL	BRL	BRL	6.02	66.5	BRL	BRL
MW-6	1/13/2023	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	8/1/2023	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	12/14/2023	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3/12/2024	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	5/22/2024	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
MW-7	1/13/2023	BRL	127	BRL	BRL	BRL	BRL	BRL	9.43	BRL	BRL	BRL
	8/1/2023	BRL	113	5.01	BRL	BRL	BRL	BRL	9.95	BRL	BRL	BRL
	12/14/2023	BRL	178	BRL	BRL	BRL	BRL	BRL	38.4	BRL	BRL	BRL
	3/1/2024	BRL	82	BRL	BRL	BRL	BRL	BRL	11.5	BRL	BRL	BRL
	5/20/2024	BRL	166	6.71	BRL	BRL	BRL	BRL	31.8	BRL	BRL	BRL
MW-8	1/13/2023	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	7/31/2023	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	12/15/2023	BRL	BRL	BRL	BRL	BRL	BRL	BRL	11.7	BRL	BRL	BRL
	3/12/2024	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	5/21/2024	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
MW-9	1/13/2023	BRL	22.8	BRL	BRL	BRL	BRL	BRL	6.38	BRL	BRL	BRL
	7/31/2023	BRL	44.6	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	12/14/2023	BRL	79.2	BRL	BRL	BRL	BRL	BRL	10.5	5.5	BRL	BRL
	3/12/2024	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	5/21/2024	BRL	16.5	BRL	BRL	BRL	BRL	BRL	BRL	5.99	BRL	BRL
MW-10	1/13/2023	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	7/31/2023	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	12/14/2023	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3/13/2024	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	5/21/2024	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
MW-11	1/13/2023	BRL	34.3	BRL	BRL	BRL	BRL	BRL	24	8.26	BRL	BRL
	7/31/2023	BRL	15.9	BRL	BRL	BRL	BRL	BRL	11.2	BRL	BRL	BRL
	12/15/2023	BRL	15.5	BRL	BRL	BRL	BRL	BRL	10.4	2.3	BRL	BRL
	3/1/2024	BRL	14.8	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	5/22/2024	BRL	9.84	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
MW-12	1/13/2023	BRL	12.8	BRL	BRL	BRL	BRL	BRL	25	BRL	BRL	BRL
	7/31/2023	BRL	5.23	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	12/14/2023	BRL	10.3	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3/12/2024	BRL	5.33	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	5/20/2024	BRL	5.26	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
MW-12	7/31/2023	BRL	BRL	BRL	BRL	BRL	BRL	BRL	34.6	BRL	21.8	33.1
	12/14/2023	BRL	6.1	BRL	BRL	BRL	BRL	BRL	96.2	BRL	BRL	BRL
	3/12/2024	BRL	BRL	BRL	BRL	BRL	BRL	BRL	50.8	BRL	BRL	BRL
5/20/2024	BRL	BRL	BRL	BRL	BRL	BRL	BRL	31.7	BRL	BRL	BRL	

TABLE 3
Cumulative Groundwater Analytical Results
Former Advanced Finishing Corp. McCordsville, IN
State Cleanup Site No. 0001074

Parameter	1,1-DICHLOROETHENE	CIS-1,2-DICHLOROETHENE	TRANS-1,2-DICHLOROETHENE	TETRACHLOROETHENE	2-BUTANONE (MEK)	TOLUENE	1,1,2-TRICHLOROETHANE	TRICHLOROETHENE	VINYL CHLORIDE	1-METHYLNAPHTHALENE	2-METHYLNAPHTHALENE
IDEM R2 Groundwater Published Levels	7	70	100	5	6,000	1,000	5	5	2	10	40
MW-13	7/31/2023	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	12/14/2023	BRL	16.4	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3/12/2024	BRL	16.4	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	5/20/2024	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
MW-14	7/31/2023	BRL	8.78	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	12/14/2023	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3/12/2024	BRL	9.68	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	5/20/2024	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
MW-15	7/31/2023	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	12/15/2023	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3/12/2024	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	5/24/2024	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
MW-16	12/15/2023	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3/11/2024	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	5/22/2024	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
MW-17	12/15/2023	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3/13/2024	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	5/23/2024	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
MW-18	12/15/2023	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3/11/2024	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	5/22/2024	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
MW-19	5/20/2024	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
MW-20	5/20/2024	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL

Notes:

All results reported in micrograms per liter (ug/L)

BRL = Below Laboratory Reporting Limit

R2 = Risk-Based Closure Guide

Green Fill - Exceeds IDEM R2 Groundwater Published Level

Table 4
Cumulative Vapor Analytical Results
Former Advanced Finishing Corp. McCordsville, Indiana
IDEM SCP 0001074

Sample Location	Sampling Date	cis-1,2-Dichloroethene	Tetra chloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
IA-1 (Indoor Air)	1/5/23	BRL	BRL	BRL	BRL	BRL
	7/14/23	BRL	BRL	BRL	BRL	BRL
IA-2 (Indoor Air)	1/5/23	BRL	BRL	BRL	BRL	BRL
	7/14/23	BRL	BRL	BRL	BRL	BRL
IA-3 (Indoor Air)	1/5/23	BRL	BRL	BRL	BRL	BRL
	7/14/23	BRL	BRL	BRL	BRL	BRL
IA-4 (Indoor Air)	1/5/23	BRL	BRL	BRL	BRL	BRL
	7/14/23	BRL	BRL	BRL	BRL	BRL
SS-1 (Sub Slab)	1/4/23	BRL	BRL	BRL	265	BRL
	7/14/23	BRL	BRL	BRL	258	BRL
SS-2 (Sub Slab)	1/4/23	580	BRL	BRL	7,310	BRL
	7/14/23	771	BRL	BRL	2,970	BRL
SS-3/3R (Sub Slab)	1/4/23	774	BRL	BRL	14,400	BRL
	7/14/23	BRL	BRL	BRL	2,560	BRL
SS-4 (Sub Slab)	1/4/23	BRL	BRL	BRL	6,960	BRL
	7/14/23	BRL	89.5	BRL	4,560	BRL
Ambient (Background)	1/5/23	BRL	BRL	BRL	BRL	BRL
	7/14/23	BRL	BRL	BRL	BRL	BRL
SG-1 (Shallow Exterior)	7/13/23	BRL	BRL	BRL	BRL	BRL
SG-2 (Shallow Exterior)	7/13/23	BRL	BRL	BRL	BRL	BRL
SG-3 (Shallow Exterior)	7/13/23	BRL	BRL	BRL	23.6	BRL
SG-4 (Shallow Exterior)	7/13/23	BRL	BRL	BRL	BRL	BRL
SG-5 (Shallow Exterior)	7/13/23	BRL	BRL	BRL	BRL	BRL
Sewer Gas #1 (Conduit)	8/31/23	BRL	BRL	BRL	BRL	BRL
Sewer Gas #2 (Conduit)	8/31/23	BRL	BRL	BRL	BRL	BRL
R2 Residential Indoor Air (IA)		40	40	40	2	2
R2 Commercial Indoor Air (IA)		200	200	200	9	30
R2 Residential Sub Slab/Deep Exterior/Conduit		1,000	1,000	1,000	70	60
R2 Commercial Sub Slab/Deep Exterior/Conduit		6,000	6,000	6,000	300	900
R2 Residential Shallow Exterior/Utility Corridor		400	400	400	20	20
R2 Commercial Shallow Exterior/Utility Corridor		2,000	2,000	2,000	90	300

Notes

All concentrations are reported in micrograms per cubic meter (ug/m³)

R2 = Indiana Department of Environmental Management (IDEM) Risk-based Closure Guide

IA = Indoor Air Sample SS = Sub Slab Sample SG = Exterior Soil Gas Sample

Blue Fill indicates sample results exceed IDEM R2 Indoor Air Residential SLs

Red Fill indicates sample results exceed IDEM R2 Indoor Air Commercial SLs

Orange Fill indicates sample results exceed IDEM R2 Sub Slab/Deep Exterior/Conduit Residential SLs

Green Fill indicates sample results exceed IDEM R2 Sub Slab/Deep Exterior/Conduit Commercial SLs

Light Blue Fill indicates sample results exceed IDEM R2 Shallow Exterior/Utility Corridor Residential SLs

Light Red Fill indicates sample results exceed IDEM R2 Shallow Exterior/Utility Corridor Commercial SLs

APPENDIX A

IDEM November 30, 2023, Comment Letter



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

100 N. Senate Avenue • Indianapolis, IN 46204
(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Eric J. Holcomb
Governor

Brian C. Rockensuess
Commissioner

November 30, 2023

VIA EMAIL

George Wanamaker
Advanced Finishing Corporation
9726 Hampton Circle North
Indianapolis, IN 46256

Re: **Further Site Investigation 2 Report and
Further Site Investigation 3 Workplan**
Former Advanced Finishing Corporation
7724 Depot Street
McCordsville, Hancock County
State Cleanup Site #0001074

Dear Mr. Wanamaker:

The Indiana Department of Environmental Management (IDEM) has reviewed the file pertaining to a release(s) of hazardous substances at the former Advanced Finishing Corporation facility located at 7724 Depot Street, McCordsville, Indiana (Site). Specifically, the following documents, prepared and submitted by Lynn-Douglas, Inc. (LDI) were reviewed:

- *Further Site Investigation 2 Report* (FSI 2 Report), dated October 13, 2023, which is available in IDEM's Virtual File Cabinet (VFC) as Content ID #[83544900](#); and,
- *Further Site Investigation 3 Workplan* (FSI Workplan), dated November 9, 2023, VFC Content ID #[83556629](#).

The VFC is available at <https://vfc.idem.in.gov>. The documents were evaluated based on IDEM's *Risk-based Closure Guide* ("RCG" or "R2") and *State Cleanup Program Guide* non-rule policy documents and *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods* (SW846) Third Edition, Update III. Non-rule policy documents are located at: <https://www.in.gov/idem/resources/nonrule-policies/effective-nonrule-policies/>. Based on the data submitted, soil contamination has been adequately characterized and does not require further remedy. The FSI Workplan is acceptable for vertical groundwater delineation; however, the following IDEM comments must also be addressed in the FSI 3 Report:



Visit on.IN.gov/survey or scan the QR code to provide feedback.

We appreciate your input!



Comments

1. The interpreted extents of the groundwater contaminant plume (Figure 9 of the FSI 2 Report) do not appear to include contamination in monitoring wells MW-2, MW-8, MW-11, and MW-12. The extents of contamination exceeding IDEM's groundwater published levels must be updated in future reports.
2. Several wells (MW-2, MW-9, MW-10, MW-11, and MW-12) were sampled from the top of the well screen, which is unacceptable and must be avoided in future sampling events.
3. During the post-remedial paired indoor air/sub-slab soil gas sampling conducted at the on-Site building in July 2023, no release related chemicals (RRCs) exceeded the commercial indoor air published levels (CIAPLs), indicating that vapor intrusion is not currently occurring. However, concentrations of trichloroethene (TCE) were as high as fifteen (15) times the commercial sub-slab published level (CSSPL) in sub-slab soil gas samples collected from beneath the building. These results fall within Scenario 3 (significant potential for future vapor intrusion), per [Section 3.4.7.1](#) of the RCG, and require a remedy or continued sampling. A plan to address this issue was not included in the FSI Workplan. A remedial plan must be developed to address the vapor intrusion potential, or paired sampling during the upcoming winter season may be conducted and results reported in the FSI 3 Report.
4. Two sanitary sewer manholes were sampled in August 2023 to determine if the sanitary sewer is acting as a preferential pathway for vapor contaminant migration. No RRCs were detected in either sample. The locations of the sanitary sewer and other subsurface infrastructure were not provided. Locations of potential preferential pathways must be provided, and another round of sewer vapor sampling must be conducted in the upcoming winter season.
5. Exterior soil gas sampling was conducted at five locations along Depot Street in July 2023, at a depth of four (4) feet (ft) below ground surface (bgs). RRCs were non-detect at all locations except SG-3. Concentrations of TCE exceeded the residential soil gas published level (RSGPL) in the sample collected from SG-3, but not the commercial soil gas published level (CSGPL). Based on these results, no further soil gas sampling along Depot Street north of the railroad tracks appears to be warranted. However, a soil gas sample must be collected from the area south/southeast of the on-Site building, approaching the residence located at 7696 Depot Street, to determine the potential for vapor intrusion into the residence. IDEM recommends collecting this sample either directly north of the railroad tracks or directly south of the railroad tracks in the vicinity of the residence.

Conclusions

The FSI Workplan is acceptable; however, wells must be sampled from within the well screen interval, and future reports must include updated figures based on most recent data. Additional

vapor intrusion sampling as specified above must be conducted and sampling results must be provided in the FSI 3 Report.

IDEM must be provided a minimum of two weeks advance notice for field activities. Please submit the FSI 3 Report to IDEM within 90 days of the date of this letter.

To reduce paper usage, reports are required to be submitted via **State Cleanup's e-Submission Portal (ESP)**. Paper copies are no longer required or accepted; however, paper copies of figures and tables may be requested by the Project Manager.

To request access to the ESP, complete State Agency Form 57103, available on IDEM's website at idem.in.gov/myesubmission. Please note that the size limit for an electronic document remains at 75 megabytes (MB) per IDEM Office of Land Quality electronic document submittal guidelines, which are available online at: www.in.gov/idem/landquality/2368.htm.

If you have any questions or comments concerning this matter, please contact me by phone at (317) 234-1957 or by email at chaulter@idem.in.gov, or you may call IDEM's toll free number at (800) 451-6027 and ask for Crystal Haulter.

Sincerely,



Crystal Haulter
State Cleanup Section
Office of Land Quality

cc: IDEM Site #0001074
Ray Milejczak, Lynn-Douglas, Inc.
Jason Stine, Lynn-Douglas, Inc.
Angela Krahulik, Esq., Ice Miller LLP
Nick Gahl, Esq., Gahl Legal Group
Nicholas Servies, Scarlet Lane Brewing
Hancock County Health Department

If a technical dispute arises and cannot be resolved in a timely manner, please see IDEM's website for information about appealing technical decisions through the Office of Land Quality's Technical Review Panel pilot program at: www.in.gov/idem/cleanups/2370.htm.

APPENDIX B

Soil Boring Logs



BORING IDENTIFICATION: MW-16

PAGE 1 OF 4

CLIENT: Gahl Legal Group

PROJECT NAME: Advanced Finishing

PROJECT NUMBER: 002-007

LOCATION: McCordsville IN

DATE STARTED: 11/28/23

DATE COMPLETED: 11/29/23

DRILLER: Spencer Williams

LIC #:

DRILLING CONTRACTOR: Cascade

UTM N:

DRILLING METHOD: Sonic

UTM E:

LOGGED BY: Ron Price

CHECK BY: Jason Stine

GROUND ELEVATION: N/A

SWL:

BOREHOLE DIAMETER: 7.0"

GEOLOGIC DESCRIPTION	Moist. Cont.	FT	No.	PID ppm	Rec. (%)	Comments
Topsoil.		1	1	0.0	60	
Fill material – Black, Sand, Gravel and Brick Debris.		2				
(cl) Reddish Brown, Mottled Gray, Silty Sandy CLAY – Moist.		3				
		4				
		5		0.0		
(cl) Yellowish Brown, Mottled Gray, Silty Sandy CLAY – Moist, Some Gravel.		6	2	0.6	70	
		7				
		8				
		9				
		10		8.5		Collected Soil Sample at 10 ft-bsg.
(cl) Yellowish Brown, Mottled Gray, Silty Sandy CLAY – Moist, Dense, Some Gravel.		11	3	0.0	25	
		12				
		13				
(sp) Gray, Fine to Coarse SAND – With Gravel, Wet.		14				
		15		0.0		
(sp) Gray, Fine to Coarse SAND – With Gravel, Wet.		16	4	0.0	70	
(cl) Grayish Brown, Silty Sandy CLAY – Moist Dense, With Gravel.		17				
		18				
		19				
		20		0.0		



BORING IDENTIFICATION: MW-16

PAGE 2_ OF 4_

CLIENT: Gahl Legal Group

PROJECT NAME: Advanced Finishing

PROJECT NUMBER: 002-007

LOCATION: McCordsville IN

DATE STARTED: 11/28/23

DATE COMPLETED: 11/29/23

DRILLER: Spencer Williams

LIC #:

DRILLING CONTRACTOR: Cascade

UTM N:

DRILLING METHOD: Sonic

UTM E:

LOGGED BY: Ron Price

CHECK BY: Jason Stine

GROUND ELEVATION: N/A

SWL:

BOREHOLE DIAMETER: 7.0"

GEOLOGIC DESCRIPTION	Moist. Cont.	FT	No.	PID ppm	Rec. (%)	Comments
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		21	5	0.0	60	
		22				
		23				
		24				
		25		0.0		
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		26	6	0.0	50	
3" Gray, Fine to Coarse SAND at 26.5'.		27				
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		28				
		29				
		30		0.0		
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		31	7	0.0	80	
		32				
		33				
		34				
		35		0.0		
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		36	8	0.0	80	
		37				
		38				
		39				
		40		0.0		



BORING IDENTIFICATION: MW-16

PAGE 3 OF 4

CLIENT: Gahl Legal Group

PROJECT NAME: Advanced Finishing

PROJECT NUMBER: 002-007

LOCATION: McCordsville IN

DATE STARTED: 11/28/23

DATE COMPLETED: 11/29/23

DRILLER: Spencer Williams

LIC #:

DRILLING CONTRACTOR: Cascade

UTM N:

DRILLING METHOD: Sonic

UTM E:

LOGGED BY: Ron Price

CHECK BY: Jason Stine

GROUND ELEVATION: N/A

SWL:

BOREHOLE DIAMETER: 7.0"

GEOLOGIC DESCRIPTION	Moist. Cont.	FT	No.	PID ppm	Rec. (%)	Comments
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		41	9	0.0		
		42		0.0		
		43		0.0		
		44		0.0		
		45		0.0		
2" Gray, Fine SAND – Wet at 45'		45				
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		46	10	0.0		
		47		0.0		
		48		0.0		
		49		0.0		
		50		0.0		
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		51	11	0.0		
		52		0.0		
		53		0.0		
		54		0.0		
		55		0.0		
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		56	12	0.0		
		57		0.0		
Interbedded Wet Fine Sand Seams – Between 57' – 59'.		58		0.0		
		59		0.0		
		60		0.0		



BORING IDENTIFICATION: MW-16

PAGE 4 OF 4

CLIENT: Gahl Legal Group

PROJECT NAME: Advanced Finishing

PROJECT NUMBER: 002-007

LOCATION: McCordsville IN

DATE STARTED: 11/28/23

DATE COMPLETED: 11/29/23

DRILLER: Spencer Williams

LIC #:

DRILLING CONTRACTOR: Cascade

UTM N:

DRILLING METHOD: Sonic

UTM E:

LOGGED BY: Ron Price

CHECK BY: Jason Stine

GROUND ELEVATION: N/A

SWL:

BOREHOLE DIAMETER: 7.0"

GEOLOGIC DESCRIPTION	Moist. Cont.	FT	No.	PID ppm	Rec. (%)	Comments
(sp) Gray, Fine to Coarse SAND – Wet, With Gravel.		61	13	0.0		
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		62		0.0		
		63		0.0		
		64		0.0		
		65		0.0		
End of Boring 65 ft-bsg.		66				
		67				
		68				
		69				
		70				
		71				
		72				
		73				
		74				
		75				
		76				
		77				
		78				
		79				
		80				



BORING IDENTIFICATION: MW-17

PAGE 1 OF 4

CLIENT: Gahl Legal Group

PROJECT NAME: Advanced Finishing

PROJECT NUMBER: 002-007

LOCATION: McCordsville IN

DATE STARTED: 12/2/23

DATE COMPLETED: 12/2/23

DRILLER: Spencer Williams

LIC #:

DRILLING CONTRACTOR: Cascade

UTM N:

DRILLING METHOD: Sonic

UTM E:

LOGGED BY: Ron Price

CHECK BY: Jason Stine

GROUND ELEVATION: N/A

SWL:

BOREHOLE DIAMETER: 7.0"

GEOLOGIC DESCRIPTION	Moist. Cont.	FT	No.	PID ppm	Rec. (%)	Comments
Light Gray Crushed Stone.		1	1	0.0	90	
(cl) Reddish Brown, Mottled Gray Silty Sandy CLAY - Moist, Some Gravel.		2		0.0		
		3		0.0		
		4		0.0		
		5		0.0		
(cl) Yellowish Brown, Mottled Gray, Silty Sandy CLAY – Moist, Some Gravel.		6	2	0.0	80	Collected Soil Sample at 6.5 ft-bsg.
(sp) Yellowish Brown, fine to Coarse SAND – Wet		7		0.0		
(cl) Yellowish Brown, Silty Sandy CLAY – Moist, Some Gravel.		8		0.0		
		9		0.0		
		10		0.0		
(cl) Gray, Silty Sandy CLAY – Moist, Dense, Some Gravel.		11	3	0.0	95	
		12		0.0		
		13		0.0		
(sp) Gray, Fine to Coarse SAND – Very Moist, With Gravel.		14		0.0		
(cl) Gray, Silty Sandy CLAY – Moist, Dense, With Gravel.		15		0.0		
(cl) Gray, Silty Sandy CLAY – Moist, Dense, Some Gravel.		16	4	0.0	80	
		17		0.0		
		18		0.0		
		19		0.0		
		20		0.0		



BORING IDENTIFICATION: MW-17

PAGE 2_ OF 4_

CLIENT: Gahl Legal Group

PROJECT NAME: Advanced Finishing

PROJECT NUMBER: 002-007

LOCATION: McCordsville IN

DATE STARTED: 12/2/23

DATE COMPLETED: 12/2/23

DRILLER: Spencer Williams

LIC #:

DRILLING CONTRACTOR: Cascade

UTM N:

DRILLING METHOD: Sonic

UTM E:

LOGGED BY: Ron Price

CHECK BY: Jason Stine

GROUND ELEVATION: N/A

SWL:

BOREHOLE DIAMETER: 7.0"

GEOLOGIC DESCRIPTION	Moist. Cont.	FT	No.	PID ppm	Rec. (%)	Comments
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		21	5	0.0	85	
		22				
		23				
		24				
		25		0.0		
(sp) Gray, Fine to Coarse SAND – Wet.		26	6	0.0	90	
(cl) Gray, Silty Sandy CLAY – Moist, With Gray.		27				
(sp) Gray, Fine to Coarse SAND – Wet.		28				
(cl) Gray, Silty Sandy CLAY – Moist to Very Moist, With Gravel.		29				
		30		0.0		
(cl) Gray, Silty Sandy CLAY – Moist, With Gravel.		31	7	0.0	80	
		32				
(sp) Gray, Fine to Coarse SAND – Wet.		33				
(cl) Gray, Silty Sandy CLAY – Moist to Very Moist, With Gravel.		34				
		35				0.0
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		36	8	0.0	90	
		37				
Very Moist 37 – 37.5 Feet.		38				
		39				
		40				0.0



BORING IDENTIFICATION: MW-17

PAGE 3 OF 4

CLIENT: Gahl Legal Group

PROJECT NAME: Advanced Finishing

PROJECT NUMBER: 002-007

LOCATION: McCordsville IN

DATE STARTED: 12/2/23

DATE COMPLETED: 12/2/23

DRILLER: Spencer Williams

LIC #:

DRILLING CONTRACTOR: Cascade

UTM N:

DRILLING METHOD: Sonic

UTM E:

LOGGED BY: Ron Price

CHECK BY: Jason Stine

GROUND ELEVATION: N/A

SWL:

BOREHOLE DIAMETER: 7.0"

GEOLOGIC DESCRIPTION	Moist. Cont.	FT	No.	PID ppm	Rec. (%)	Comments
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		41	9	0.0	8	
		42		0.0		
		43		0.0		
		44		0.0		
		45		0.0		
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		46	10	0.0	90	
		47		0.0		
		48		0.0		
		49		0.0		
		50		0.0		
(cl) Gray, Silty Sandy CLAY – Moist to Very Moist, Dense, With Gravel.		51	11	0.0	870	
		52		0.0		
		53		0.0		
		54		0.0		
		55		0.0		
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		56	12	0.0	85	
		57		0.0		
		58		0.0		
		59		0.0		
		60		0.0		



BORING IDENTIFICATION: MW-17

PAGE 4 OF 4

CLIENT: Gahl Legal Group

PROJECT NAME: Advanced Finishing

PROJECT NUMBER: 002-007

LOCATION: McCordsville IN

DATE STARTED: 12/2/23

DATE COMPLETED: 12/2/23

DRILLER: Spencer Williams

LIC #:

DRILLING CONTRACTOR: Cascade

UTM N:

DRILLING METHOD: Sonic

UTM E:

LOGGED BY: Ron Price

CHECK BY: Jason Stine

GROUND ELEVATION: N/A

SWL:

BOREHOLE DIAMETER: 7.0"

GEOLOGIC DESCRIPTION	Moist. Cont.	FT	No.	PID ppm	Rec. (%)	Comments
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		61	13	0.0	90	
		62		0.0		
		63		0.0		
(sp) Gray, Fine To Coarse SAND – Wet.		64		0.0		
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		65		0.0		
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		66		0.0		
3" Gray, Fine to Coarse SAND – Wet.		67		0.0		
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		68		0.0		
2" Gray, Fine to Coarse SAND – Wet.		69		0.0		
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		70		0.0		
End of Boring 70 ft-bsg.						End of Boring 70 ft-bsg.
		71				
		72				
		73				
		74				
		75				
		76				
		77				
		78				
		79				
		80				



BORING IDENTIFICATION: MW-18

PAGE 1 OF 4

CLIENT: Gahl Legal Group

PROJECT NAME: Advanced Finishing

PROJECT NUMBER: 002-007

LOCATION: McCordsville IN

DATE STARTED: 12/1/23

DATE COMPLETED: 12/1/23

DRILLER: Spencer Williams

LIC #:

DRILLING CONTRACTOR: Cascade

UTM N:

DRILLING METHOD: Sonic

UTM E:

LOGGED BY: Ron Price

CHECK BY: Jason Stine

GROUND ELEVATION: N/A

SWL:

BOREHOLE DIAMETER: 7.0"

GEOLOGIC DESCRIPTION	Moist. Cont.	FT	No.	PID ppm	Rec. (%)	Comments
Light Gray Crushed Stone. Mixture of Gravel and Clay.		1	1	0.0	60	
(cl) Yellowish Brown, Silty Sandy CLAY – Moist to Very Moist, Some Gravel.		2				
		3		3.8		Collected Soil Sample at 3.0 ft-bsg.
		4				
3" Wet Sand Seam at 4.5 ft-bsg.		5		0.0		
(cl) Grayish Brown, Silty Sandy CLAY – Moist, Some Gravel.		6	2	0.0	70	
		7				
		8				
		9				
		10		0.0		
(cl) Gray, Silty Sandy CLAY – Moist, Dense, Some Gravel.		11	3	0.0	80	
		12				
		13				
		14				
		15		0.0		
(cl) Gray, Silty Sandy CLAY – Moist, Dense, Some Gravel.		16	4	0.0	80	
		17				
2" Wet Sand Seam at 17.5 ft-bsg.		18				
3" Wet Sand Seam at 18 ft-bsg.		19				
		20		0.0		



BORING IDENTIFICATION: MW-18

PAGE 2 OF 4

CLIENT: Gahl Legal Group

PROJECT NAME: Advanced Finishing

PROJECT NUMBER: 002-007

LOCATION: McCordsville IN

DATE STARTED: 12/1/23

DATE COMPLETED: 12/1/23

DRILLER: Spencer Williams

LIC #:

DRILLING CONTRACTOR: Cascade

UTM N:

DRILLING METHOD: Sonic

UTM E:

LOGGED BY: Ron Price

CHECK BY: Jason Stine

GROUND ELEVATION: N/A

SWL:

BOREHOLE DIAMETER: 7.0"

GEOLOGIC DESCRIPTION	Moist. Cont.	FT	No.	PID ppm	Rec. (%)	Comments
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		21	5	0.0	80	
2" Wet Sand Seam at 21 ft-bsp.		22				
		23				
		24				
Wet Zone in Clay at 24.5 ft-bsp.		25		0.0		
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		26	6	0.0	65	
		27				
		28				
		29				
2" Wet Sand Seam at 29 ft-bsp. 1.5" Wet Sand Seam at 30 ft-bsp.		30		0.0		
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		31	7	0.0	75	
3" Wet Sand Seam at 31 ft-bsp.		32				
		33				
		34				
6" Wet Sand Seam at 31 ft-bsp.		35		0.0		
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		36	8	0.0	80	
		37				
		38				
		39				
		40		0.0		



BORING IDENTIFICATION: MW-18	
PAGE 3 OF 4	
CLIENT: Gahl Legal Group	
PROJECT NAME: Advanced Finishing	
PROJECT NUMBER: 002-007	LOCATION: McCordsville IN
DATE STARTED: 12/1/23	DATE COMPLETED: 12/1/23
DRILLER: Spencer Williams	LIC #:
DRILLING CONTRACTOR: Cascade	UTM N:
DRILLING METHOD: Sonic	UTM E:
LOGGED BY: Ron Price	CHECK BY: Jason Stine
GROUND ELEVATION: N/A	SWL:
BOREHOLE DIAMETER: 7.0"	

GEOLOGIC DESCRIPTION	Moist. Cont.	FT	No.	PID ppm	Rec. (%)	Comments
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		41	9	0.0	85	
		42		0.0		
		43		0.0		
		44		0.0		
		45		0.0		
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		46	10	0.0	80	
		47		0.0		
		48		0.0		
		49		0.0		
		50		0.0		
(cl) Gray, Silty Sandy CLAY – Moist to Very Moist, Dense, With Gravel.		51	11	0.0	70	
		52		0.0		
		53		0.0		
		54		0.0		
		55		0.0		
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		56	12	0.0	90	
		57		0.0		
		58		0.0		
(sp) Gray, Fine to Coarse SAND Very Moist to Wet, With Gravel.		59		0.0		
		60		0.0		



BORING IDENTIFICATION: MW-18	
PAGE <u>4</u> OF <u>4</u>	
CLIENT: Gahl Legal Group	
PROJECT NAME: Advanced Finishing	
PROJECT NUMBER: 002-007	LOCATION: McCordsville IN
DATE STARTED: 12/1/23	DATE COMPLETED: 12/1/23
DRILLER: Spencer Williams	LIC #:
DRILLING CONTRACTOR: Cascade	UTM N:
DRILLING METHOD: Sonic	UTM E:
LOGGED BY: Ron Price	CHECK BY: Jason Stine
GROUND ELEVATION: N/A	SWL:
BOREHOLE DIAMETER: 7.0"	

GEOLOGIC DESCRIPTION	Moist. Cont.	FT	No.	PID ppm	Rec. (%)	Comments
(sp) Gray, Fine to Coarse SAND – Wet, With Gravel.		61	13	0.0	90	
(cl) Gray, Silty Sandy CLAY – Moist, Dense With Gravel.		62		0.0		
		63		0.0		
		64		0.0		
		65		0.0		
End of Boring 65 ft-bsg.		66				
		67				
		68				
		69				
		70				
		71				
		72				
		73				
		74				
		75				
		76				
		77				
		78				
		79				
		80				



BORING IDENTIFICATION: MW-19

PAGE 1 OF 1

CLIENT: Gahl Legal Group

PROJECT NAME: Advanced Finishing

PROJECT NUMBER: 002-007

LOCATION: McCordsville IN

DATE STARTED: 4/9/24

DATE COMPLETED: 4/9/24

DRILLER: Mickey Reynolds

LIC #:

DRILLING CONTRACTOR: Geologic

UTM N:

DRILLING METHOD: Direct Push/Auger

UTM E:

LOGGED BY: Ron Price

CHECK BY: Jason Stine

GROUND ELEVATION: N/A

SWL:

BOREHOLE DIAMETER: 3.75"

GEOLOGIC DESCRIPTION	Moist. Cont.	FT	No.	PID ppm	Rec. (%)	Comments
Top Soil.		1	1	0.0	95	
(cl) Brown, Silty Sandy CLAY – Moist.		2				
		3				
(cl) Yellowish Brown, Mottled Gray Silty Sandy CLAY – Moist.		4				
		5		0.0		
(cl) Yellowish Brown, Silty Sandy – CLAY - Moist to Wet, Some Gravel, Fissile Bedding.		6	2	0.0	75	Collected Soil Sample at 6.0 ft-bsg.
		7				Collected duplicate soil sample.
		8				
		9				
		10		0.0		
(cl) Yellowish Brown, Silty Sandy – CLAY - Moist to Wet, Some Gravel, Fissile Bedding.		11	3	0.0	95	
		12				
Gray in color		13				
(sp) Gray, Fine Grained SAND – Wet.		14				Screened Well From 4.0 – 14.0 ft-bsg.
End of Boring 14 ft-bsg. Probe Refusal.		15		0.0		Probe Refusal at 14.0 ft-bsg.
		16				
		17				
		18				
		19				
		20				



BORING IDENTIFICATION: MW-20

PAGE 1 OF 1

CLIENT: Gahl Legal Group

PROJECT NAME: Advanced Finishing

PROJECT NUMBER: 002-007

LOCATION: McCordsville IN

DATE STARTED: 4/9/24

DATE COMPLETED: 4/9/24

DRILLER: Mickey Reynolds

LIC #:

DRILLING CONTRACTOR: Geologic

UTM N:

DRILLING METHOD: Direct Push/Auger

UTM E:

LOGGED BY: Ron Price

CHECK BY: Jason Stine

GROUND ELEVATION: N/A

SWL:

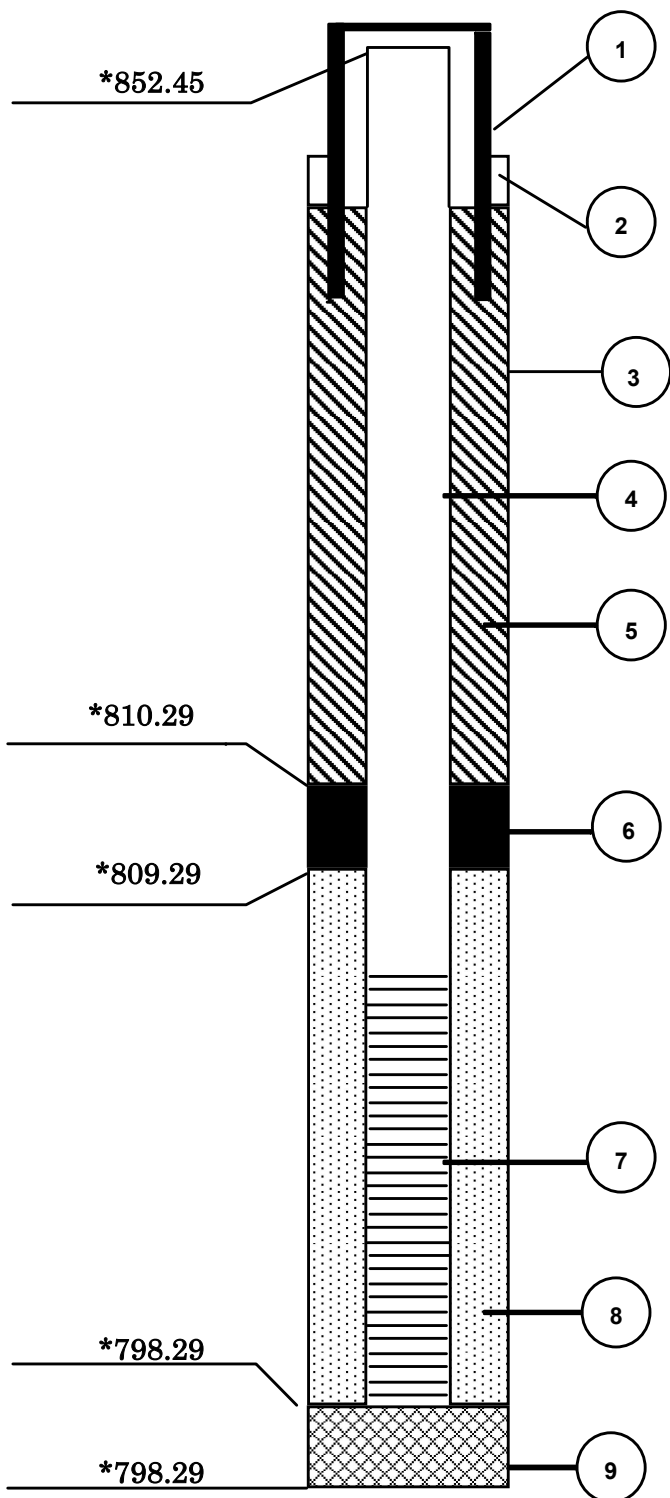
BOREHOLE DIAMETER: 3.75"

GEOLOGIC DESCRIPTION	Moist. Cont.	FT	No.	PID ppm	Rec. (%)	Comments
Topsoil.		1	1	0.0	90	
(cl) Yellowish Brown, Silty Sandy CLAY – Moist.		2				
		3				
		4				
		5		0.0		
(cl) Yellowish Brown, Silty Sandy – CLAY - Moist, Some Gravel.		6	2	0.0	75	
		7				
		8				
1" Sand Seam at 8 ft-bsg – Moist.		9				
		10		0.0		Collected Soil Sample at 8.0 ft-bsg.
(cl) Yellowish Brown, Silty Sandy – CLAY - Moist to Wet, Some Gravel, Fissile Bedding.		11	3	0.0	95	
		12				
Gray in color		13				
(sp) Gray, Fine Grained SAND – Wet.		14				
End of Boring 13.5 ft-bsg.		15				0.0
		16				
		17				
		18				
		19				
		20				

APPENDIX C

Monitoring Well Construction Diagrams

MONITORING WELL MW-16



1. PROTECTIVE CASING I.D. 8.0 inch

2. SURFACE SEAL TYPE: Concrete

3. BOREHOLE DIAMETER: 4.25 Inch

4. RISER PIPE:

a. Type: PVC

b. I.D.: 2.0 inch

c. Length: 44.16 feet

d. Joint Type: Threaded

5. BACKFILL:

a. Type: Portland Cement Slurry

b. Installation: Cascaded

6. TYPE OF SEAL: Bentonite Chips

7. SCREEN:

a. Type: PVC

b. I.D.: 2.0 inch

c. Slot size: 0.010 inch

d. Length: 10.0 feet

8. SCREEN FILTER TYPE: Filter Pack Sand

9. BACKFILL TYPE: Filter Pack Sand

* EL. = Elevations relative to mean sea level

Advanced Finishing
7724 Depot Street
McCordsville, Indiana

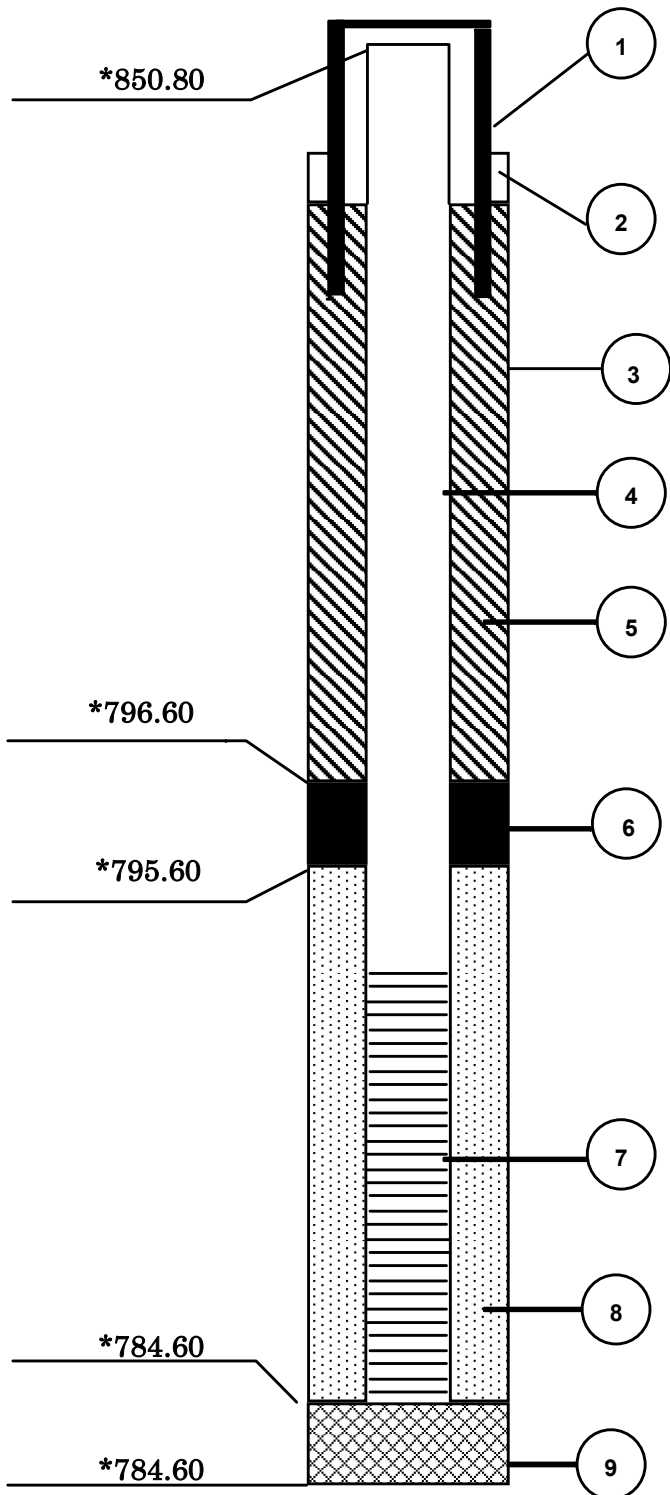


P.O. Box 4405, 275 Medical Drive,
Carmel, IN 46082
PH: 317-810-1273

Installation Date:
11/29/2023

Well No. MW-16

MONITORING WELL MW-17



1. PROTECTIVE CASING I.D. 8.0 inch

2. SURFACE SEAL TYPE: Concrete

3. BOREHOLE DIAMETER: 4.25 Inch

4. RISER PIPE:

a. Type: PVC

b. I.D.: 2.0 inch

c. Length: 44.16 feet

d. Joint Type: Threaded

5. BACKFILL:

a. Type: Portland Cement Slurry

b. Installation: Cascaded

6. TYPE OF SEAL: Bentonite Chips

7. SCREEN:

a. Type: PVC

b. I.D.: 2.0 inch

c. Slot size: 0.010 inch

d. Length: 10.0 feet

8. SCREEN FILTER TYPE: Filter Pack Sand

9. BACKFILL TYPE: Filter Pack Sand

* EL. = Elevations relative to mean sea level

Advanced Finishing
7724 Depot Street
McCordsville, Indiana

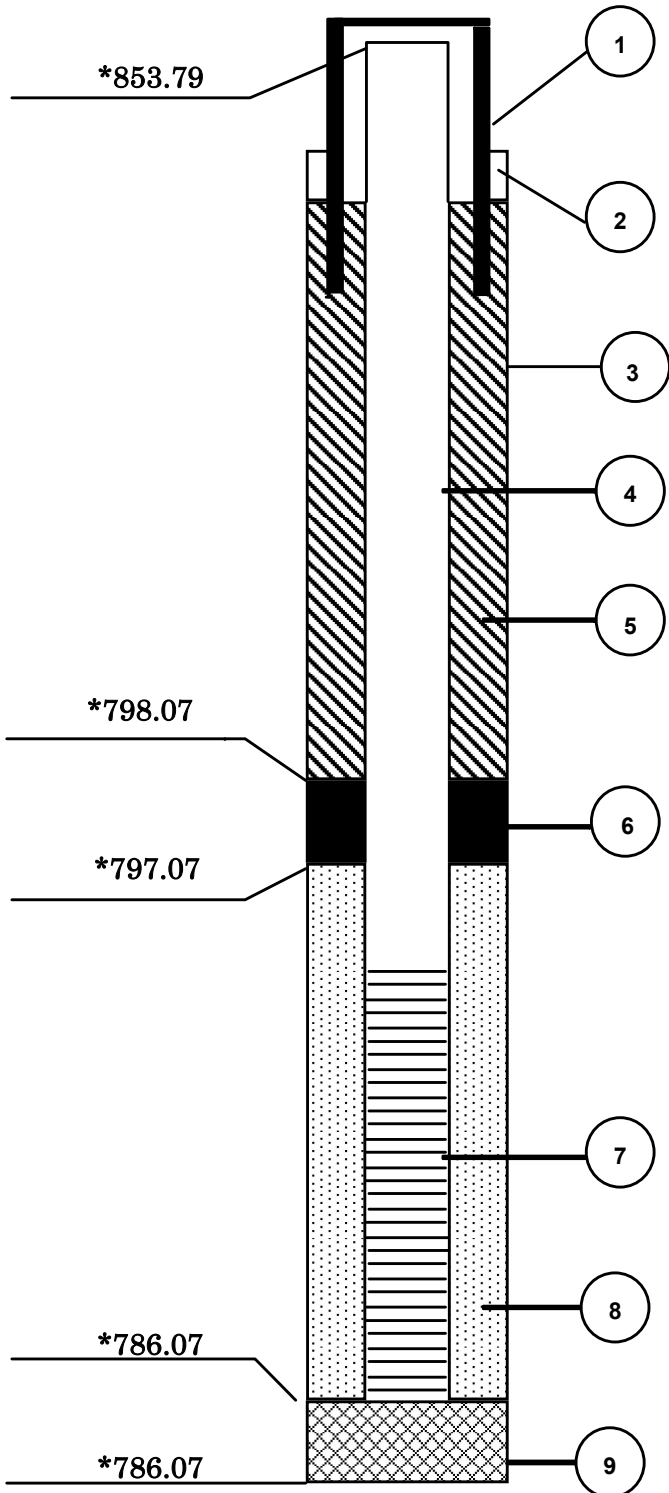


P.O. Box 4405, 275 Medical Drive,
Carmel, IN 46082
PH: 317-810-1273

Installation Date:
12/2/2023

Well No. MW-17

MONITORING WELL MW-18



1. PROTECTIVE CASING I.D. 8.0 inch

2. SURFACE SEAL TYPE: Concrete

3. BOREHOLE DIAMETER: 4.25 Inch

4. RISER PIPE:

a. Type: PVC

b. I.D.: 2.0 inch

c. Length: 44.16 feet

d. Joint Type: Threaded

5. BACKFILL:

a. Type: Portland Cement Slurry

b. Installation: Cascaded

6. TYPE OF SEAL: Bentonite Chips

7. SCREEN:

a. Type: PVC

b. I.D.: 2.0 inch

c. Slot size: 0.010 inch

d. Length: 10.0 feet

8. SCREEN FILTER TYPE: Filter Pack Sand

9. BACKFILL TYPE: Filter Pack Sand

* EL. = Elevations relative to mean sea level

Advanced Finishing
7724 Depot Street
McCordsville, Indiana

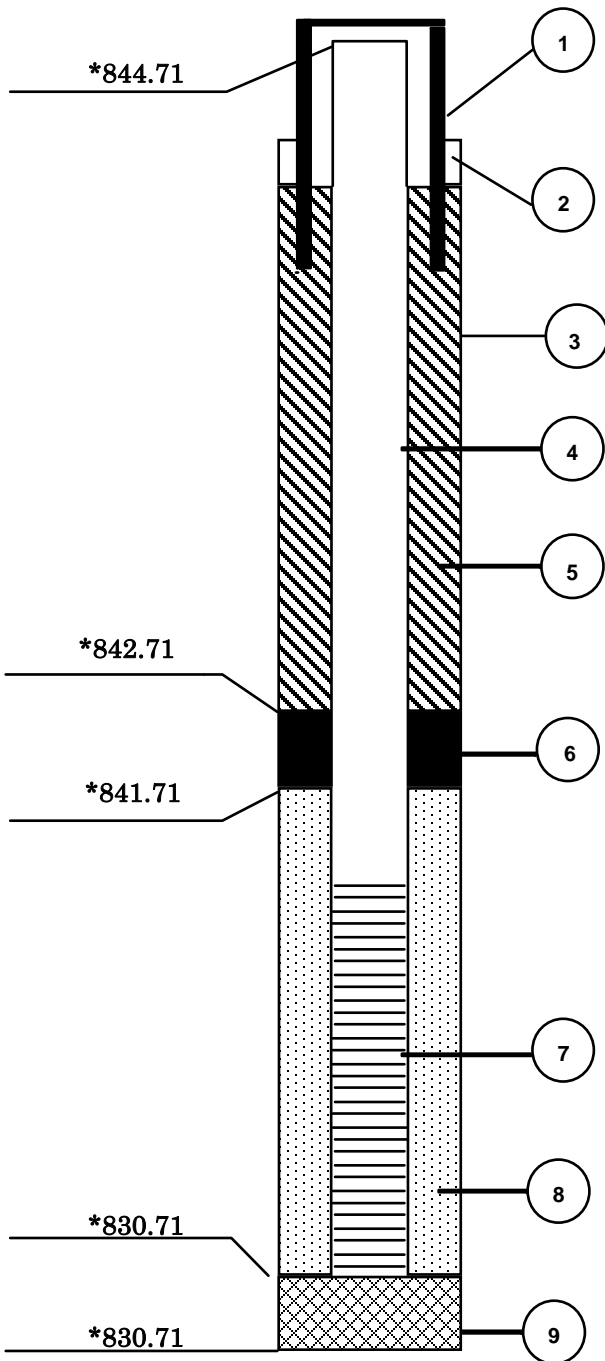


P.O. Box 4405, 275 Medical Drive,
Carmel, IN 46082
PH: 317-810-1273

Installation Date:
12/1/2023

Well No. MW-18

MONITORING WELL MW-19



1. PROTECTIVE CASING I.D. 8.0 inch

2. SURFACE SEAL TYPE: Concrete

3. BOREHOLE DIAMETER: 4.25 Inch

4. RISER PIPE:

a. Type: PVC

b. I.D.: 2.0 inch

c. Length: 4.0 feet

d. Joint Type: Threaded

5. BACKFILL:

a. Type: Bentonite Chips

b. Installation: Cascaded

6. TYPE OF SEAL: Bentonite Chips

7. SCREEN:

a. Type: PVC

b. I.D.: 2.0 inch

c. Slot size: 0.010 inch

d. Length: 10.0 feet

8. SCREEN FILTER TYPE: Filter Pack Sand

9. BACKFILL TYPE: Filter Pack Sand

* EL. = Elevations relative to mean sea level

Advanced Finishing
7724 Depot Street
McCordsville, Indiana

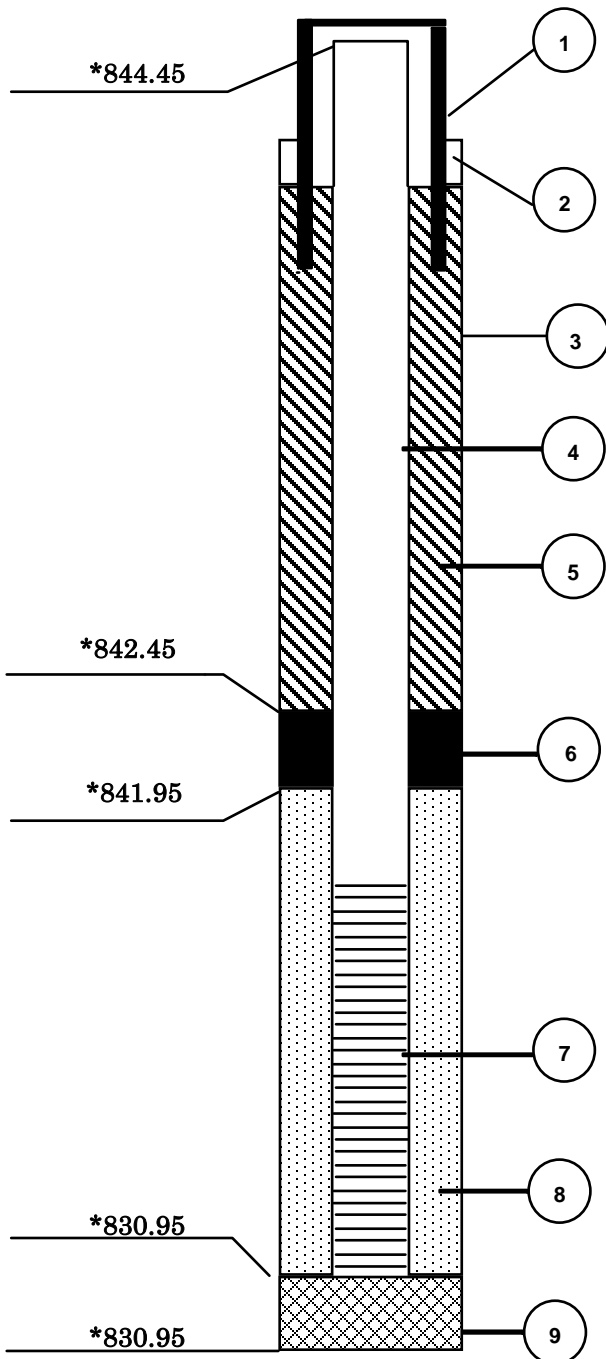


P.O. Box 4405, 275 Medical Drive,
Carmel, IN 46082
PH: 317-810-1273

Installation Date:
4/9/2024

Well No. MW-19

MONITORING WELL MW-20



1. PROTECTIVE CASING I.D. 8.0 inch

2. SURFACE SEAL TYPE: Concrete

3. BOREHOLE DIAMETER: 4.25 Inch

4. RISER PIPE:

a. Type: PVC

b. I.D.: 2.0 inch

c. Length: 3.50 feet

d. Joint Type: Threaded

5. BACKFILL:

a. Type: Bentonite Chips

b. Installation: Cascaded

6. TYPE OF SEAL: Bentonite Chips

7. SCREEN:

a. Type: PVC

b. I.D.: 2.0 inch

c. Slot size: 0.010 inch

d. Length: 10.0 feet

8. SCREEN FILTER TYPE: Filter Pack Sand

9. BACKFILL TYPE: Filter Pack Sand

* EL. = Elevations relative to mean sea level

Advanced Finishing
7724 Depot Street
McCordsville, Indiana



P.O. Box 4405, 275 Medical Drive,
Carmel, IN 46082
PH: 317-810-1273

Installation Date:
4/9/2024

Well No. MW-20

APPENDIX D

Low Flow Field Sampling Forms

Low-Flow Test Report:

Test Date / Time: 12/15/2023 11:31:50AM

Project: Advanced MW-1

Operator Name: AS

Location Name: Advanced MW-1 Well Diameter: 2 in Casing Type: PCV Screen Length: 5 ft Top of Screen: 10.15 ft Total Depth: 15.15 ft Initial Depth to Water: 6.03 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 12 ft Estimated Total Volume Pumped: 2100 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.15 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Cold, 45

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
12/15/2023 11:31AM	00:00	7.29 pH	14.58 °C	6,782.3 µS/cm	3.08 mg/L	1,481.1 NTU	25.1 mV	6.03 ft	100.00 ml/min
12/15/2023 11:34AM	03:00	7.41 pH	13.79 °C	6,557.8 µS/cm	3.16 mg/L	453.56 NTU	2.9 mV	6.03 ft	100.00 ml/min
12/15/2023 11:37AM	06:00	7.44 pH	13.07 °C	6,494.9 µS/cm	3.67 mg/L	199.51 NTU	3.5 mV	6.03 ft	100.00 ml/min
12/15/2023 11:40AM	09:00	7.42 pH	13.00 °C	6,652.0 µS/cm	3.26 mg/L	106.97 NTU	9.0 mV	6.03 ft	100.00 ml/min
12/15/2023 11:43AM	12:00	7.40 pH	13.11 °C	6,745.8 µS/cm	2.83 mg/L	66.27 NTU	11.1 mV	6.03 ft	100.00 ml/min
12/15/2023 11:46AM	15:00	7.39 pH	13.11 °C	6,836.1 µS/cm	2.49 mg/L	24.69 NTU	13.7 mV	6.03 ft	100.00 ml/min
12/15/2023 11:49AM	18:00	7.38 pH	13.13 °C	6,924.6 µS/cm	2.24 mg/L	10.65 NTU	15.2 mV	6.03 ft	100.00 ml/min
12/15/2023 11:52AM	21:00	7.37 pH	13.19 °C	7,012.6 µS/cm	1.95 mg/L	9.38 NTU	17.5 mV	6.03 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-1	@1155 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 12/15/2023 1:07:26PM

Project: Advanced MW-2

Operator Name: AS

Location Name: Advanced MW-2 Well Diameter: 2 in Casing Type: PCV Screen Length: 5 ft Top of Screen: 9.57 ft Total Depth: 14.57 ft Initial Depth to Water: 4.11 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 12 ft Estimated Total Volume Pumped: 1500 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.15 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Cold, 50

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
12/15/2023 1:07PM	00:00	7.53 pH	14.60 °C	677.27 µS/cm	3.61 mg/L	54.85 NTU	88.8 mV	4.11 ft	100.00 ml/min
12/15/2023 1:10PM	03:00	7.59 pH	14.60 °C	676.07 µS/cm	3.39 mg/L	46.00 NTU	86.7 mV	4.11 ft	100.00 ml/min
12/15/2023 1:13PM	06:00	7.60 pH	14.01 °C	676.39 µS/cm	3.57 mg/L	39.88 NTU	82.8 mV	4.11 ft	100.00 ml/min
12/15/2023 1:16PM	09:00	7.62 pH	13.39 °C	674.39 µS/cm	3.63 mg/L	36.81 NTU	80.9 mV	4.11 ft	100.00 ml/min
12/15/2023 1:19PM	12:00	7.62 pH	13.00 °C	668.86 µS/cm	3.57 mg/L	34.45 NTU	79.7 mV	4.11 ft	100.00 ml/min
12/15/2023 1:22PM	15:00	7.62 pH	12.91 °C	672.11 µS/cm	3.55 mg/L	28.79 NTU	78.6 mV	4.11 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-2	@125 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 12/15/2023 1:44:37PM

Project: Advanced MW-3

Operator Name: AS

Location Name: Advanced MW-3 Well Diameter: 1 in Casing Type: PCV Screen Length: 5 ft Top of Screen: 9.6 ft Total Depth: 14.6 ft Initial Depth to Water: 2.35 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 12 ft Estimated Total Volume Pumped: 1800 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Cold, 45

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
12/15/2023 1:44PM	00:00	7.65 pH	13.99 °C	1,008.1 µS/cm	2.61 mg/L	359.38 NTU	102.6 mV	2.35 ft	100.00 ml/min
12/15/2023 1:47PM	03:00	7.70 pH	13.57 °C	1,011.1 µS/cm	2.01 mg/L	212.01 NTU	91.7 mV	2.35 ft	100.00 ml/min
12/15/2023 1:50PM	06:00	7.70 pH	13.10 °C	1,015.1 µS/cm	1.94 mg/L	218.83 NTU	83.7 mV	2.35 ft	100.00 ml/min
12/15/2023 1:53PM	09:00	7.70 pH	12.89 °C	1,018.6 µS/cm	1.83 mg/L	177.12 NTU	77.9 mV	2.35 ft	100.00 ml/min
12/15/2023 1:56PM	12:00	7.69 pH	12.60 °C	1,021.2 µS/cm	1.74 mg/L	118.65 NTU	73.6 mV	2.35 ft	100.00 ml/min
12/15/2023 1:59PM	15:00	7.70 pH	12.58 °C	1,022.0 µS/cm	1.64 mg/L	125.68 NTU	69.6 mV	2.35 ft	100.00 ml/min
12/15/2023 2:02PM	18:00	7.69 pH	12.60 °C	1,023.6 µS/cm	1.53 mg/L	122.15 NTU	66.1 mV	2.35 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-3	@215 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 12/15/2023 12:17:41PM

Project: Advanced MW-4

Operator Name: AS

Location Name: Advanced MW-4 Well Diameter: 2 in Casing Type: PCV Screen Length: 5 ft Top of Screen: 8.08 ft Total Depth: 13.08 ft Initial Depth to Water: 5.51 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 11 ft Estimated Total Volume Pumped: 2100 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.2 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Cold, 45

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
12/15/2023 12:17PM	00:00	7.68 pH	16.55 °C	729.67 µS/cm	1.95 mg/L	264.36 NTU	49.6 mV	5.51 ft	100.00 ml/min
12/15/2023 12:20PM	03:00	7.60 pH	16.54 °C	738.39 µS/cm	1.57 mg/L	107.55 NTU	39.6 mV	5.51 ft	100.00 ml/min
12/15/2023 12:23PM	06:00	7.59 pH	15.94 °C	724.48 µS/cm	1.71 mg/L	96.70 NTU	33.7 mV	5.51 ft	100.00 ml/min
12/15/2023 12:26PM	09:00	7.58 pH	15.95 °C	714.42 µS/cm	1.55 mg/L	90.12 NTU	31.6 mV	5.51 ft	100.00 ml/min
12/15/2023 12:29PM	12:00	7.59 pH	15.39 °C	703.52 µS/cm	1.48 mg/L	70.66 NTU	30.1 mV	5.51 ft	100.00 ml/min
12/15/2023 12:32PM	15:00	7.58 pH	15.14 °C	696.49 µS/cm	1.42 mg/L	64.53 NTU	29.2 mV	5.51 ft	100.00 ml/min
12/15/2023 12:35PM	18:00	7.58 pH	14.99 °C	693.21 µS/cm	1.33 mg/L	54.67 NTU	29.2 mV	5.51 ft	100.00 ml/min
12/15/2023 12:38PM	21:00	7.58 pH	15.02 °C	694.68 µS/cm	1.31 mg/L	47.46 NTU	28.5 mV	5.51 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-4	@1245 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 12/14/2023 2:45:20PM

Project: Advanced MW-5

Operator Name: AS

Location Name: Advanced MW-5 Well Diameter: 2 in Casing Type: PVC Screen Length: 5 ft Top of Screen: 13.71 ft Total Depth: 18.71 ft Initial Depth to Water: 7.57 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 16 ft Estimated Total Volume Pumped: 2400 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Cold, 45

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
12/14/2023 2:45PM	00:00	7.58 pH	15.13 °C	1,392.9 µS/cm	2.16 mg/L	75.66 NTU	91.5 mV	7.57 ft	100.00 ml/min
12/14/2023 2:48PM	03:00	7.63 pH	14.53 °C	1,388.5 µS/cm	2.43 mg/L	72.56 NTU	59.5 mV	7.57 ft	100.00 ml/min
12/14/2023 2:51PM	06:00	7.65 pH	13.57 °C	1,339.7 µS/cm	2.75 mg/L	61.71 NTU	46.3 mV	7.57 ft	100.00 ml/min
12/14/2023 2:54PM	09:00	7.67 pH	12.61 °C	1,375.0 µS/cm	3.11 mg/L	58.25 NTU	42.4 mV	7.57 ft	100.00 ml/min
12/14/2023 2:57PM	12:00	7.68 pH	12.45 °C	1,369.5 µS/cm	3.20 mg/L	412.32 NTU	43.2 mV	7.57 ft	100.00 ml/min
12/14/2023 3:00PM	15:00	7.69 pH	12.27 °C	1,365.7 µS/cm	3.29 mg/L	83.45 NTU	51.3 mV	7.57 ft	100.00 ml/min
12/14/2023 3:03PM	18:00	7.70 pH	11.84 °C	1,362.4 µS/cm	3.41 mg/L	178.03 NTU	56.3 mV	7.57 ft	100.00 ml/min
12/14/2023 3:06PM	21:00	7.70 pH	11.81 °C	1,362.1 µS/cm	3.43 mg/L	182.47 NTU	60.2 mV	7.57 ft	100.00 ml/min
12/14/2023 3:09PM	24:00	7.71 pH	11.77 °C	1,360.8 µS/cm	3.46 mg/L	187.83 NTU	63.3 mV	7.57 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-5	@310 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 12/14/2023 3:33:15PM

Project: Advanced MW-6

Operator Name: AS

Location Name: Advanced MW-6 Well Diameter: 2 in Casing Type: PVC Screen Length: 5 ft Top of Screen: 13.6 ft Total Depth: 18.6 ft Initial Depth to Water: 7.35 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 16 ft Estimated Total Volume Pumped: 2100 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: -0.2 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Cold, 45

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
12/14/2023 3:33PM	00:00	7.38 pH	13.80 °C	2,458.2 µS/cm	1.55 mg/L	53.59 NTU	106.7 mV	7.35 ft	100.00 ml/min
12/14/2023 3:36PM	03:00	7.43 pH	13.74 °C	2,452.1 µS/cm	1.53 mg/L	41.34 NTU	100.0 mV	7.35 ft	100.00 ml/min
12/14/2023 3:39PM	06:00	7.44 pH	13.26 °C	2,436.8 µS/cm	1.82 mg/L	40.78 NTU	96.1 mV	7.35 ft	100.00 ml/min
12/14/2023 3:42PM	09:00	7.45 pH	12.84 °C	2,424.0 µS/cm	1.96 mg/L	38.58 NTU	93.7 mV	7.35 ft	100.00 ml/min
12/14/2023 3:45PM	12:00	7.45 pH	12.71 °C	2,370.4 µS/cm	2.03 mg/L	36.78 NTU	91.9 mV	7.35 ft	100.00 ml/min
12/14/2023 3:48PM	15:00	7.46 pH	12.64 °C	2,447.9 µS/cm	2.16 mg/L	51.47 NTU	90.2 mV	7.35 ft	100.00 ml/min
12/14/2023 3:51PM	18:00	7.46 pH	12.61 °C	2,434.9 µS/cm	2.21 mg/L	70.93 NTU	89.0 mV	7.35 ft	100.00 ml/min
12/14/2023 3:54PM	21:00	7.46 pH	12.52 °C	2,419.7 µS/cm	2.32 mg/L	89.60 NTU	87.6 mV	7.35 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-6	@355 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 12/15/2023 12:25:42 PM

Project: Advanced Finishing

Operator Name: R.P.

Location Name: MW-7 Well Diameter: 2 in Casing Type: PVC Screen Length: 5 ft Top of Screen: 11.67 ft Total Depth: 16.67 ft Initial Depth to Water: 5.35 ft	Pump Type: GeoTech Tubing Type: Teflon Pump Intake From TOC: 13.69 ft Estimated Total Volume Pumped: 628 ml Flow Cell Volume: 130 ml Final Flow Rate: 80 ml/min Final Draw Down: 0.1 ft	Instrument Used: Aqua TROLL 600 Serial Number: 476138
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Test Notes:

Sampled at 12:35 pm.

Weather Conditions:

Sunny 41 F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.1	
12/15/2023 12:25 PM	00:00	7.48 pH	13.59 °C	1,274.9 µS/cm	1.24 mg/L		17.4 mV	64.20 in	80.00 ml/min
12/15/2023 12:28 PM	03:00	7.46 pH	13.39 °C	1,288.1 µS/cm	1.00 mg/L		24.7 mV	64.20 in	80.00 ml/min
12/15/2023 12:30 PM	04:51	7.46 pH	13.25 °C	1,291.7 µS/cm	0.96 mg/L		28.2 mV	64.20 in	80.00 ml/min
12/15/2023 12:33 PM	07:51	7.45 pH	13.26 °C	1,292.5 µS/cm	0.89 mg/L		32.4 mV	64.20 in	80.00 ml/min

Samples

Sample ID:	Description:
MW-7	Sampled at 12:35 pm.

Low-Flow Test Report:

Test Date / Time: 12/14/2023 3:56:49 PM

Project: Advanced Finishing

Operator Name: R.P.

Location Name: MW-8 Well Diameter: 2 in Casing Type: PVC Screen Length: 5 ft Top of Screen: 10 ft Total Depth: 15 ft Initial Depth to Water: 3.68 ft	Pump Type: GeoTech Tubing Type: Teflon Pump Intake From TOC: 12 ft Estimated Total Volume Pumped: 1440 ml Flow Cell Volume: 130 ml Final Flow Rate: 80 ml/min Final Draw Down: 0.1 ft	Instrument Used: Aqua TROLL 600 Serial Number: 476138
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Test Notes:

Sampled at 4:20 pm

Weather Conditions:

Sunny 51 F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.1	
12/14/2023 3:56 PM	00:00	7.44 pH	13.48 °C	623.41 µS/cm	2.15 mg/L		131.8 mV	44.16 in	80.00 ml/min
12/14/2023 3:59 PM	03:00	7.39 pH	13.36 °C	847.74 µS/cm	1.85 mg/L		145.2 mV	44.16 in	80.00 ml/min
12/14/2023 4:02 PM	06:00	7.36 pH	13.37 °C	847.21 µS/cm	1.76 mg/L		157.1 mV	44.16 in	80.00 ml/min
12/14/2023 4:05 PM	09:00	7.33 pH	13.36 °C	847.02 µS/cm	1.76 mg/L		167.1 mV	44.16 in	80.00 ml/min
12/14/2023 4:08 PM	12:00	7.32 pH	13.30 °C	846.88 µS/cm	1.76 mg/L		176.1 mV	44.16 in	80.00 ml/min
12/14/2023 4:11 PM	15:00	7.31 pH	13.27 °C	846.95 µS/cm	1.76 mg/L		182.3 mV	44.16 in	80.00 ml/min
12/14/2023 4:14 PM	18:00	7.30 pH	13.28 °C	847.27 µS/cm	1.73 mg/L		187.3 mV	44.16 in	80.00 ml/min

Samples

Sample ID:	Description:
MW-8	Sampled at 4:20 pm

Low-Flow Test Report:

Test Date / Time: 12/14/2023 2:42:48 PM

Project: Advanced Finishing

Operator Name: R.P.

Location Name: MW-9 Well Diameter: 2 in Casing Type: PVC Screen Length: 5 ft Top of Screen: 10 ft Total Depth: 15 ft Initial Depth to Water: 4.31 ft	Pump Type: GeoTech Tubing Type: Teflon Pump Intake From TOC: 12 ft Estimated Total Volume Pumped: 1680 ml Flow Cell Volume: 130 ml Final Flow Rate: 80 ml/min Final Draw Down: 0.01 ft	Instrument Used: Aqua TROLL 600 Serial Number: 476138
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Test Notes:

Sampled at 3:10 pm

Weather Conditions:

Sunny. 50 F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
12/14/2023 2:42 PM	00:00	7.48 pH	14.48 °C	983.09 µS/cm	1.10 mg/L		163.8 mV	131.37 cm	80.00 ml/min
12/14/2023 2:45 PM	03:00	7.41 pH	14.49 °C	982.81 µS/cm	0.98 mg/L		152.6 mV	131.37 cm	80.00 ml/min
12/14/2023 2:48 PM	06:00	7.36 pH	14.34 °C	982.91 µS/cm	0.91 mg/L		132.8 mV	131.37 cm	80.00 ml/min
12/14/2023 2:51 PM	09:00	7.33 pH	14.45 °C	981.50 µS/cm	0.85 mg/L		105.6 mV	131.37 cm	80.00 ml/min
12/14/2023 2:54 PM	12:00	7.32 pH	14.34 °C	980.14 µS/cm	0.81 mg/L		62.7 mV	131.37 cm	80.00 ml/min
12/14/2023 2:57 PM	15:00	7.32 pH	14.56 °C	980.69 µS/cm	0.82 mg/L		49.8 mV	131.37 cm	80.00 ml/min
12/14/2023 3:00 PM	18:00	7.32 pH	14.38 °C	979.58 µS/cm	0.79 mg/L		32.8 mV	131.37 cm	80.00 ml/min
12/14/2023 3:03 PM	21:00	7.33 pH	14.34 °C	978.41 µS/cm	0.77 mg/L		22.4 mV	131.37 cm	80.00 ml/min

Samples

Sample ID:	Description:
MW-9	Sampled at 3:10 pm

Low-Flow Test Report:

Test Date / Time: 12/15/2023 11:23:50 AM

Project: Advanced Finishing

Operator Name: R.P.

Location Name: MW-10 Well Diameter: 2 in Casing Type: PVC Screen Length: 5 ft Top of Screen: 15 ft Total Depth: 18 ft Initial Depth to Water: 7.55 ft	Pump Type: GeoTech Tubing Type: Teflon Pump Intake From TOC: 50 ft Estimated Total Volume Pumped: 720 ml Flow Cell Volume: 130 ml Final Flow Rate: 80 ml/min Final Draw Down: 0.1 ft	Instrument Used: Aqua TROLL 600 Serial Number: 476138
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Test Notes:

Sampled at 11:40 am.

Weather Conditions:

Sunny 39 F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.1	
12/15/2023 11:23 AM	00:00	7.75 pH	15.22 °C	568.25 µS/cm	1.36 mg/L		-64.3 mV	90.60 in	80.00 ml/min
12/15/2023 11:26 AM	03:00	7.73 pH	15.25 °C	565.64 µS/cm	0.49 mg/L		-61.3 mV	90.60 in	80.00 ml/min
12/15/2023 11:29 AM	06:00	7.73 pH	15.23 °C	564.92 µS/cm	0.29 mg/L		-61.0 mV	90.60 in	80.00 ml/min
12/15/2023 11:32 AM	09:00	7.73 pH	15.35 °C	563.99 µS/cm	0.23 mg/L		-61.2 mV	90.60 in	80.00 ml/min

Samples

Sample ID:	Description:
MW-10	Sampled at 11:40 am

Low-Flow Test Report:

Test Date / Time: 12/14/2023 1:26:01PM

Project: Advanced MW-11

Operator Name: AS

Location Name: Advanced MW-11 Well Diameter: 2 in Casing Type: PVC Screen Length: 5 ft Top of Screen: 13.69 ft Total Depth: 18.69 ft Initial Depth to Water: 6.44 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 16 ft Estimated Total Volume Pumped: 900 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.05 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Cold, 45

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
12/14/2023 1:26PM	00:00	7.48 pH	15.76 °C	856.17 µS/cm	2.04 mg/L	8.02 NTU	73.4 mV	6.44 ft	100.00 ml/min
12/14/2023 1:29PM	03:00	7.48 pH	15.80 °C	859.08 µS/cm	2.27 mg/L	6.56 NTU	74.1 mV	6.44 ft	100.00 ml/min
12/14/2023 1:32PM	06:00	7.48 pH	15.36 °C	852.42 µS/cm	2.34 mg/L	8.13 NTU	75.1 mV	6.44 ft	100.00 ml/min
12/14/2023 1:35PM	09:00	7.48 pH	15.69 °C	856.26 µS/cm	2.30 mg/L	6.48 NTU	76.2 mV	6.44 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-11	@135 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 12/14/2023 11:52:56AM

Project: Advanced MW-12

Operator Name: AS

Location Name: Advanced MW-12 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 6.2 ft Total Depth: 16.2 ft Initial Depth to Water: 6.95 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 10 ft Estimated Total Volume Pumped: 1500 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: -0.15 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Cold, 46

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
12/14/2023 11:52AM	00:00	7.63 pH	14.51 °C	776.90 µS/cm	4.33 mg/L	146.73 NTU	94.7 mV	6.95 ft	100.00 ml/min
12/14/2023 11:55AM	03:00	7.80 pH	13.51 °C	768.02 µS/cm	2.65 mg/L	74.50 NTU	100.5 mV	6.95 ft	100.00 ml/min
12/14/2023 11:58AM	06:00	7.81 pH	12.92 °C	751.09 µS/cm	2.42 mg/L	59.00 NTU	101.4 mV	6.95 ft	100.00 ml/min
12/14/2023 12:01PM	09:00	7.81 pH	12.51 °C	751.19 µS/cm	2.30 mg/L	55.43 NTU	101.7 mV	6.95 ft	100.00 ml/min
12/14/2023 12:04PM	12:00	7.82 pH	12.26 °C	751.48 µS/cm	2.22 mg/L	55.17 NTU	102.2 mV	6.95 ft	100.00 ml/min
12/14/2023 12:07PM	15:00	7.82 pH	12.09 °C	747.96 µS/cm	2.22 mg/L	53.83 NTU	102.1 mV	6.95 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-12	@1210 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 12/14/2023 10:50:34AM

Project: Advanced MW-13

Operator Name: AS

Location Name: Advanced MW-13 Well Diameter: 2 in Casing Type: PVC Screen Length: 5 ft Top of Screen: 7.43 ft Total Depth: 12.43 ft Initial Depth to Water: 4.53 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 10 ft Estimated Total Volume Pumped: 2100 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Cold, 35

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
12/14/2023 10:50AM	00:00	7.61 pH	13.55 °C	1,214.5 µS/cm	1.74 mg/L	98.58 NTU	91.3 mV	4.53 ft	100.00 ml/min
12/14/2023 10:53AM	03:00	7.50 pH	12.95 °C	1,211.8 µS/cm	1.71 mg/L	43.97 NTU	104.1 mV	4.53 ft	100.00 ml/min
12/14/2023 10:56AM	06:00	7.47 pH	12.88 °C	1,209.9 µS/cm	1.77 mg/L	28.38 NTU	106.3 mV	4.53 ft	100.00 ml/min
12/14/2023 10:59AM	09:00	7.45 pH	13.01 °C	1,209.4 µS/cm	1.73 mg/L	19.60 NTU	107.4 mV	4.53 ft	100.00 ml/min
12/14/2023 11:02AM	12:00	7.44 pH	13.23 °C	1,214.5 µS/cm	1.71 mg/L	12.12 NTU	109.8 mV	4.53 ft	100.00 ml/min
12/14/2023 11:05AM	15:00	7.44 pH	13.43 °C	1,209.3 µS/cm	1.65 mg/L	7.59 NTU	109.1 mV	4.53 ft	100.00 ml/min
12/14/2023 11:08AM	18:00	7.43 pH	13.50 °C	1,208.6 µS/cm	1.62 mg/L	7.10 NTU	108.9 mV	4.53 ft	100.00 ml/min
12/14/2023 11:11AM	21:00	7.42 pH	13.80 °C	1,218.3 µS/cm	1.64 mg/L	5.29 NTU	108.7 mV	4.53 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-13	@1115 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 12/14/2023 12:39:28PM

Project: Advanced MW-14

Operator Name: AS

Location Name: Advanced MW-14 Well Diameter: 2 in Casing Type: PVC Screen Length: 5 ft Top of Screen: 8.87 ft Total Depth: 13.87 ft Initial Depth to Water: 4.86 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 10 ft Estimated Total Volume Pumped: 1956.667 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.25 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Cold, 45

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
12/14/2023 12:39PM	00:00	7.60 pH	14.02 °C	916.64 µS/cm	2.61 mg/L	56.91 NTU	105.7 mV	4.86 ft	100.00 ml/min
12/14/2023 12:42PM	03:28	7.59 pH	13.65 °C	910.32 µS/cm	2.61 mg/L	46.40 NTU	106.9 mV	4.86 ft	100.00 ml/min
12/14/2023 12:45PM	06:13	7.58 pH	13.55 °C	914.19 µS/cm	2.59 mg/L	39.73 NTU	106.6 mV	4.86 ft	100.00 ml/min
12/14/2023 12:48PM	09:13	7.59 pH	13.59 °C	916.03 µS/cm	2.47 mg/L	24.41 NTU	102.5 mV	4.86 ft	100.00 ml/min
12/14/2023 12:50PM	10:34	7.57 pH	13.57 °C	916.58 µS/cm	2.45 mg/L	20.97 NTU	97.3 mV	4.86 ft	100.00 ml/min
12/14/2023 12:53PM	13:34	7.58 pH	13.65 °C	916.18 µS/cm	2.36 mg/L	14.21 NTU	85.0 mV	4.86 ft	100.00 ml/min
12/14/2023 12:56PM	16:34	7.58 pH	13.71 °C	916.50 µS/cm	2.30 mg/L	10.95 NTU	72.4 mV	4.86 ft	100.00 ml/min
12/14/2023 12:59PM	19:34	7.58 pH	13.75 °C	914.99 µS/cm	2.45 mg/L	8.18 NTU	60.5 mV	4.86 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-14 &DUP	@100 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 12/14/2023 2:00:53PM

Project: Advanced MW-15

Operator Name: AS

Location Name: Advanced MW-15 Latitude: 39.8942189 Longitude: -85.9240186 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 3.67 ft Total Depth: 13.67 ft Initial Depth to Water: 6.27 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 10 ft Estimated Total Volume Pumped: 900 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: -0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Cold, 45

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
12/14/2023 2:00PM	00:00	7.58 pH	13.95 °C	1,154.8 µS/cm	2.78 mg/L	1.89 NTU	101.0 mV	6.27 ft	100.00 ml/min
12/14/2023 2:03PM	03:00	7.59 pH	14.56 °C	1,155.9 µS/cm	2.87 mg/L	2.13 NTU	98.4 mV	6.27 ft	100.00 ml/min
12/14/2023 2:06PM	06:00	7.59 pH	14.28 °C	1,152.6 µS/cm	2.98 mg/L	2.36 NTU	97.3 mV	6.27 ft	100.00 ml/min
12/14/2023 2:09PM	09:00	7.59 pH	14.61 °C	1,161.5 µS/cm	3.05 mg/L	3.89 NTU	97.8 mV	6.27 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-15	@215 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 12/15/2023 10:28:16 AM

Project: Advanced Finishing

Operator Name: R.P.

Location Name: MW-16 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 44.16 ft Total Depth: 54.16 ft Initial Depth to Water: 14.7 ft	Pump Type: GeoTech Tubing Type: Teflon Pump Intake From TOC: 50 ft Estimated Total Volume Pumped: 960 ml Flow Cell Volume: 130 ml Final Flow Rate: 80 ml/min Final Draw Down: 0.1 ft	Instrument Used: Aqua TROLL 600 Serial Number: 476138
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Test Notes:

Sampled at 10:45 am

Weather Conditions:

Sunny 39 F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.1	
12/15/2023 10:28 AM	00:00	8.09 pH	14.05 °C	675.77 µS/cm	1.88 mg/L		-181.3 mV	176.40 in	80.00 ml/min
12/15/2023 10:31 AM	03:00	8.15 pH	13.95 °C	666.44 µS/cm	1.13 mg/L		-193.1 mV	176.40 in	80.00 ml/min
12/15/2023 10:34 AM	06:00	8.17 pH	14.01 °C	665.22 µS/cm	0.87 mg/L		-199.3 mV	176.40 in	80.00 ml/min
12/15/2023 10:37 AM	09:00	8.17 pH	14.11 °C	664.93 µS/cm	0.71 mg/L		-202.7 mV	176.40 in	80.00 ml/min
12/15/2023 10:40 AM	12:00	8.18 pH	14.05 °C	663.20 µS/cm	0.62 mg/L		-205.6 mV	176.40 in	80.00 ml/min

Samples

Sample ID:	Description:
MW-16	Sampled at 10:45 am

Low-Flow Test Report:

Test Date / Time: 12/15/2023 10:23:56AM

Project: Advanced MW-17

Operator Name: AS

Location Name: Advanced MW-17 Latitude: 39.894716 Longitude: -85.9245572 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 m Top of Screen: 56.2 m Total Depth: 66.2 m Initial Depth to Water: 13.2 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 60 ft Estimated Total Volume Pumped: 3000 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: -0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Cold, 40s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
12/15/2023 10:23AM	00:00	8.39 pH	9.71 °C	654.03 µS/cm	3.43 mg/L	1,527.5 NTU	-158.2 mV	13.20 ft	100.00 ml/min
12/15/2023 10:26AM	03:00	8.62 pH	9.55 °C	606.90 µS/cm	0.33 mg/L	1,026.7 NTU	-198.5 mV	13.20 ft	100.00 ml/min
12/15/2023 10:29AM	06:00	8.55 pH	10.03 °C	671.23 µS/cm	0.33 mg/L	3,764.8 NTU	-212.9 mV	13.20 ft	100.00 ml/min
12/15/2023 10:32AM	09:00	8.49 pH	10.59 °C	669.57 µS/cm	0.79 mg/L	7,303.2 NTU	-217.9 mV	13.20 ft	100.00 ml/min
12/15/2023 10:35AM	12:00	8.47 pH	11.00 °C	675.56 µS/cm	0.95 mg/L	5,038.0 NTU	-222.6 mV	13.20 ft	100.00 ml/min
12/15/2023 10:38AM	15:00	8.43 pH	11.29 °C	680.31 µS/cm	0.65 mg/L	3,852.1 NTU	-227.2 mV	13.20 ft	100.00 ml/min
12/15/2023 10:41AM	18:00	8.40 pH	11.36 °C	686.10 µS/cm	0.80 mg/L	6,477.4 NTU	-230.7 mV	13.20 ft	100.00 ml/min
12/15/2023 10:44AM	21:00	8.37 pH	11.34 °C	686.11 µS/cm	0.91 mg/L	5,834.5 NTU	-233.3 mV	13.20 ft	100.00 ml/min
12/15/2023 10:47AM	24:00	8.36 pH	11.31 °C	687.63 µS/cm	1.04 mg/L	2,789.1 NTU	-185.1 mV	13.20 ft	100.00 ml/min
12/15/2023 10:50AM	27:00	8.35 pH	11.04 °C	686.28 µS/cm	1.15 mg/L	2,892.1 NTU	-221.6 mV	13.20 ft	100.00 ml/min
12/15/2023 10:53AM	30:00	8.34 pH	11.07 °C	686.83 µS/cm	1.26 mg/L	1,929.7 NTU	-229.9 mV	13.20 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-17	@1100 Cloudy, no odor

Low-Flow Test Report:

Test Date / Time: 12/15/2023 1:20:22 PM

Project: Advanced Finishing (2)

Operator Name: R.P.

Location Name: MW-18 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 57.72 ft Total Depth: 67.72 ft Initial Depth to Water: 13.11 ft	Pump Type: GeoTech Tubing Type: Teflon Pump Intake From TOC: 67.72 ft Estimated Total Volume Pumped: 960 ml Flow Cell Volume: 130 ml Final Flow Rate: 80 ml/min Final Draw Down: 0.1 ft	Instrument Used: Aqua TROLL 600 Serial Number: 476138
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Test Notes:

Sampled at 1:40 pm.

Weather Conditions:

Sunny 45 F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.1	
12/15/2023 1:20 PM	00:00	8.00 pH	14.58 °C	760.72 µS/cm	1.79 mg/L		-174.2 mV	157.32 in	80.00 ml/min
12/15/2023 1:23 PM	03:00	8.03 pH	14.53 °C	756.58 µS/cm	0.75 mg/L		-186.8 mV	157.32 in	80.00 ml/min
12/15/2023 1:26 PM	06:00	8.06 pH	14.52 °C	753.94 µS/cm	0.50 mg/L		-194.2 mV	157.32 in	80.00 ml/min
12/15/2023 1:29 PM	09:00	8.06 pH	14.50 °C	756.30 µS/cm	0.41 mg/L		-198.7 mV	157.32 in	80.00 ml/min
12/15/2023 1:32 PM	12:00	8.07 pH	14.50 °C	746.49 µS/cm	0.37 mg/L		-200.4 mV	157.32 in	80.00 ml/min

Samples

Sample ID:	Description:
MW-18	Sampled at 1:40 pm.

Low-Flow Test Report:

Test Date / Time: 3/13/2024 10:42:58AM

Project: Advanced MW-1

Operator Name: AS

Location Name: Advanced MW-1 Well Diameter: 2 in Casing Type: PCV Screen Length: 5 ft Top of Screen: 10.15 ft Total Depth: 15.15 ft Initial Depth to Water: 5.26 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 12 ft Estimated Total Volume Pumped: 1800 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.25 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Cool, 50

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
3/13/2024 10:42AM	00:00	7.53 pH	13.18 °C	7,715.7 µS/cm	1.20 mg/L	0.00 NTU	-44.1 mV	5.26 ft	100.00 ml/min
3/13/2024 10:45AM	03:00	7.43 pH	13.79 °C	7,778.0 µS/cm	0.73 mg/L	0.00 NTU	-31.1 mV	5.26 ft	100.00 ml/min
3/13/2024 10:48AM	06:00	7.41 pH	14.22 °C	7,806.6 µS/cm	0.90 mg/L	0.00 NTU	-23.4 mV	5.26 ft	100.00 ml/min
3/13/2024 10:51AM	09:00	7.41 pH	14.24 °C	7,776.3 µS/cm	0.86 mg/L	0.00 NTU	-17.5 mV	5.26 ft	100.00 ml/min
3/13/2024 10:54AM	12:00	7.40 pH	14.62 °C	7,797.8 µS/cm	0.81 mg/L	0.00 NTU	-11.5 mV	5.26 ft	100.00 ml/min
3/13/2024 10:57AM	15:00	7.40 pH	14.54 °C	7,778.7 µS/cm	0.75 mg/L	0.00 NTU	-7.0 mV	5.26 ft	100.00 ml/min
3/13/2024 11:00AM	18:00	7.39 pH	14.77 °C	7,787.8 µS/cm	0.70 mg/L	0.00 NTU	-3.3 mV	5.26 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-1	@1110 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 3/11/2024 12:57:13PM

Project: Advanced MW-2

Operator Name: AS

Location Name: Advanced MW-2 Well Diameter: 2 in Casing Type: PCV Screen Length: 5 ft Top of Screen: 9.57 ft Total Depth: 14.57 ft Initial Depth to Water: 2.77 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 12 ft Estimated Total Volume Pumped: 3170 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: -0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Cool, 40's

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
3/11/2024 12:57PM	00:00	7.55 pH	14.55 °C	1,065.4 µS/cm	1.11 mg/L	60.06 NTU	-26.4 mV	2.77 ft	100.00 ml/min
3/11/2024 12:58PM	01:42	7.56 pH	14.86 °C	1,068.0 µS/cm	1.44 mg/L	21.80 NTU	-32.1 mV	2.77 ft	100.00 ml/min
3/11/2024 1:01PM	04:42	7.58 pH	15.50 °C	1,080.3 µS/cm	1.19 mg/L	69.64 NTU	-35.9 mV	2.77 ft	100.00 ml/min
3/11/2024 1:04PM	07:42	7.58 pH	15.08 °C	1,071.1 µS/cm	3.14 mg/L	10.89 NTU	-36.9 mV	2.77 ft	100.00 ml/min
3/11/2024 1:07PM	10:42	7.58 pH	15.50 °C	1,081.0 µS/cm	1.80 mg/L	103.54 NTU	-38.1 mV	2.77 ft	100.00 ml/min
3/11/2024 1:10PM	13:42	7.58 pH	14.83 °C	1,074.9 µS/cm	2.96 mg/L	8.72 NTU	-38.3 mV	2.77 ft	100.00 ml/min
3/11/2024 1:13PM	16:42	7.58 pH	15.25 °C	1,056.7 µS/cm	0.79 mg/L	8.26 NTU	-38.0 mV	2.77 ft	100.00 ml/min
3/11/2024 1:16PM	19:42	7.59 pH	14.85 °C	1,075.0 µS/cm	0.70 mg/L	137.46 NTU	-39.0 mV	2.77 ft	100.00 ml/min
3/11/2024 1:19PM	22:42	7.59 pH	14.70 °C	1,069.5 µS/cm	2.92 mg/L	131.99 NTU	-38.9 mV	2.77 ft	100.00 ml/min
3/11/2024 1:22PM	25:42	7.59 pH	14.92 °C	1,076.0 µS/cm	1.07 mg/L	119.59 NTU	-39.4 mV	2.77 ft	100.00 ml/min
3/11/2024 1:25PM	28:42	7.59 pH	14.57 °C	1,072.3 µS/cm	0.90 mg/L	96.59 NTU	-39.3 mV	2.77 ft	100.00 ml/min
3/11/2024 1:28PM	31:42	7.58 pH	14.71 °C	1,077.0 µS/cm	3.33 mg/L	25.70 NTU	-38.7 mV	2.77 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-2 & DUP	@145 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 3/13/2024 2:47:58PM

Project: Advanced MW-3

Operator Name: AS

Location Name: Advanced MW-3 Well Diameter: 1 in Casing Type: PCV Screen Length: 5 ft Top of Screen: 9.6 ft Total Depth: 14.6 ft Initial Depth to Water: 1.22 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 12 ft Estimated Total Volume Pumped: 2700 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Warm, 70

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
3/13/2024 2:47PM	00:00	7.86 pH	14.69 °C	1,046.6 µS/cm	1.26 mg/L	126.17 NTU	60.7 mV	1.22 ft	100.00 ml/min
3/13/2024 2:50PM	03:00	7.77 pH	17.29 °C	1,057.7 µS/cm	1.15 mg/L	103.00 NTU	57.1 mV	1.22 ft	100.00 ml/min
3/13/2024 2:53PM	06:00	7.75 pH	18.15 °C	1,063.5 µS/cm	1.22 mg/L	99.75 NTU	54.3 mV	1.22 ft	100.00 ml/min
3/13/2024 2:56PM	09:00	7.74 pH	18.74 °C	1,064.3 µS/cm	1.12 mg/L	70.29 NTU	53.1 mV	1.22 ft	100.00 ml/min
3/13/2024 2:59PM	12:00	7.74 pH	18.99 °C	1,062.3 µS/cm	1.01 mg/L	69.88 NTU	50.1 mV	1.22 ft	100.00 ml/min
3/13/2024 3:02PM	15:00	7.74 pH	19.32 °C	1,061.2 µS/cm	0.94 mg/L	63.94 NTU	48.0 mV	1.22 ft	100.00 ml/min
3/13/2024 3:05PM	18:00	7.74 pH	19.60 °C	1,059.5 µS/cm	0.89 mg/L	66.15 NTU	46.2 mV	1.22 ft	100.00 ml/min
3/13/2024 3:08PM	21:00	7.73 pH	19.78 °C	1,059.4 µS/cm	0.87 mg/L	75.41 NTU	45.3 mV	1.22 ft	100.00 ml/min
3/13/2024 3:11PM	24:00	7.73 pH	19.82 °C	1,059.0 µS/cm	0.85 mg/L	81.09 NTU	43.8 mV	1.22 ft	100.00 ml/min
3/13/2024 3:14PM	27:00	7.73 pH	19.91 °C	1,058.2 µS/cm	0.83 mg/L	72.47 NTU	42.5 mV	1.22 ft	100.00 ml/min

Samples

Sample ID:	Description:
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MW-3

@330

Clear, no odor

Low-Flow Test Report:

Test Date / Time: 3/13/2024 11:35:53AM

Project: Advanced MW-4

Operator Name: AS

Location Name: Advanced MW-4 Well Diameter: 2 in Casing Type: PCV Screen Length: 5 ft Top of Screen: 8.08 ft Total Depth: 13.08 ft Initial Depth to Water: 4.92 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 11 ft Estimated Total Volume Pumped: 2400 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Warm, 60s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
3/13/2024 11:35AM	00:00	7.57 pH	15.04 °C	1,471.3 µS/cm	2.01 mg/L	100.73 NTU	24.5 mV	4.92 ft	100.00 ml/min
3/13/2024 11:38AM	03:00	7.58 pH	16.56 °C	1,493.7 µS/cm	1.65 mg/L	77.78 NTU	29.1 mV	4.92 ft	100.00 ml/min
3/13/2024 11:41AM	06:00	7.58 pH	16.98 °C	1,502.4 µS/cm	1.74 mg/L	65.55 NTU	30.9 mV	4.92 ft	100.00 ml/min
3/13/2024 11:44AM	09:00	7.59 pH	16.57 °C	1,488.9 µS/cm	1.62 mg/L	44.17 NTU	32.6 mV	4.92 ft	100.00 ml/min
3/13/2024 11:47AM	12:00	7.58 pH	16.86 °C	1,492.2 µS/cm	1.50 mg/L	30.35 NTU	33.3 mV	4.92 ft	100.00 ml/min
3/13/2024 11:50AM	15:00	7.59 pH	16.96 °C	1,499.0 µS/cm	1.64 mg/L	18.53 NTU	33.7 mV	4.92 ft	100.00 ml/min
3/13/2024 11:53AM	18:00	7.59 pH	16.37 °C	1,700.4 µS/cm	1.66 mg/L	17.27 NTU	35.0 mV	4.92 ft	100.00 ml/min
3/13/2024 11:56AM	21:00	7.59 pH	16.52 °C	1,711.0 µS/cm	1.64 mg/L	17.73 NTU	34.9 mV	4.92 ft	100.00 ml/min
3/13/2024 11:59AM	24:00	7.59 pH	16.81 °C	1,717.2 µS/cm	1.55 mg/L	18.28 NTU	34.8 mV	4.92 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-4	@1220 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 3/12/2024 2:57:03PM

Project: Advanced MW-5

Operator Name: AS

Location Name: Advanced MW-5 Well Diameter: 2 in Casing Type: PVC Screen Length: 5 ft Top of Screen: 13.71 ft Total Depth: 18.71 ft Initial Depth to Water: 5.56 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 16 ft Estimated Total Volume Pumped: 2100 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: -0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Warm, 50s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
3/12/2024 2:57PM	00:00	7.98 pH	17.88 °C	1,885.0 µS/cm	0.95 mg/L	337.56 NTU	99.4 mV	5.56 ft	100.00 ml/min
3/12/2024 3:00PM	03:00	7.99 pH	19.30 °C	1,887.1 µS/cm	1.10 mg/L	235.17 NTU	89.7 mV	5.56 ft	100.00 ml/min
3/12/2024 3:03PM	06:00	7.98 pH	20.52 °C	1,884.9 µS/cm	1.36 mg/L	200.73 NTU	81.5 mV	5.56 ft	100.00 ml/min
3/12/2024 3:06PM	09:00	7.98 pH	21.63 °C	1,886.0 µS/cm	1.50 mg/L	227.14 NTU	74.7 mV	5.56 ft	100.00 ml/min
3/12/2024 3:09PM	12:00	7.98 pH	22.45 °C	1,883.0 µS/cm	1.56 mg/L	310.32 NTU	69.0 mV	5.56 ft	100.00 ml/min
3/12/2024 3:12PM	15:00	7.98 pH	22.96 °C	1,876.7 µS/cm	1.55 mg/L	413.17 NTU	64.5 mV	5.56 ft	100.00 ml/min
3/12/2024 3:15PM	18:00	7.97 pH	23.20 °C	1,884.8 µS/cm	1.51 mg/L	473.06 NTU	61.3 mV	5.56 ft	100.00 ml/min
3/12/2024 3:18PM	21:00	7.97 pH	23.37 °C	1,879.2 µS/cm	1.45 mg/L	503.97 NTU	58.3 mV	5.56 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-5	@330 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 3/11/2024 3:44:55PM

Project: Advanced MW-6

Operator Name: AS

Location Name: Advanced MW-6 Well Diameter: 2 in Casing Type: PVC Screen Length: 5 ft Top of Screen: 13.6 ft Total Depth: 18.6 ft Initial Depth to Water: 6.37 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 16 ft Estimated Total Volume Pumped: 2100 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: -0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Cool, 40s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
3/11/2024 3:44PM	00:00	7.57 pH	15.78 °C	2,763.6 µS/cm	1.82 mg/L	195.07 NTU	-81.8 mV	6.37 ft	100.00 ml/min
3/11/2024 3:47PM	03:00	7.55 pH	16.48 °C	2,756.7 µS/cm	1.04 mg/L	173.14 NTU	-82.3 mV	6.37 ft	100.00 ml/min
3/11/2024 3:50PM	06:00	7.55 pH	16.48 °C	2,768.9 µS/cm	0.90 mg/L	147.56 NTU	-82.8 mV	6.37 ft	100.00 ml/min
3/11/2024 3:53PM	09:00	7.55 pH	16.54 °C	2,767.3 µS/cm	0.85 mg/L	136.58 NTU	-82.8 mV	6.37 ft	100.00 ml/min
3/11/2024 3:56PM	12:00	7.56 pH	15.74 °C	2,739.1 µS/cm	0.72 mg/L	120.69 NTU	-83.2 mV	6.37 ft	100.00 ml/min
3/11/2024 3:59PM	15:00	7.55 pH	15.93 °C	2,749.7 µS/cm	0.66 mg/L	115.47 NTU	-83.3 mV	6.37 ft	100.00 ml/min
3/11/2024 4:02PM	18:00	7.55 pH	16.02 °C	2,770.6 µS/cm	0.62 mg/L	106.61 NTU	-83.3 mV	6.37 ft	100.00 ml/min
3/11/2024 4:05PM	21:00	7.55 pH	16.26 °C	2,772.0 µS/cm	0.63 mg/L	96.80 NTU	-83.6 mV	6.37 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-6	@415 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 3/12/2024 4:37:18PM

Project: Advanced MW-7

Operator Name: AS

Location Name: Advanced MW-7 Well Diameter: 2 in Casing Type: PVC Screen Length: 5 ft Top of Screen: 11.69 ft Total Depth: 16.69 ft Initial Depth to Water: 3.01 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 13 ft Estimated Total Volume Pumped: 1200 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: -0.15 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Warm, 60s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
3/12/2024 4:37PM	00:00	7.65 pH	12.92 °C	1,179.6 µS/cm	0.84 mg/L	19.09 NTU	100.2 mV	3.01 ft	100.00 ml/min
3/12/2024 4:40PM	03:00	7.66 pH	14.33 °C	1,183.7 µS/cm	1.04 mg/L	54.50 NTU	99.2 mV	3.01 ft	100.00 ml/min
3/12/2024 4:43PM	06:00	7.65 pH	14.71 °C	1,184.1 µS/cm	1.10 mg/L	55.47 NTU	100.4 mV	3.01 ft	100.00 ml/min
3/12/2024 4:46PM	09:00	7.64 pH	14.86 °C	1,184.6 µS/cm	1.05 mg/L	55.64 NTU	102.0 mV	3.01 ft	100.00 ml/min
3/12/2024 4:49PM	12:00	7.63 pH	15.01 °C	1,179.5 µS/cm	1.01 mg/L	61.55 NTU	102.7 mV	3.01 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-7	@500 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 3/12/2024 4:11:26PM

Project: Advanced MW-8

Operator Name: AS

Location Name: Advanced MW-8 Well Diameter: 2 in Casing Type: PVC Screen Length: 5 ft Top of Screen: 13.63 ft Total Depth: 18.63 ft Initial Depth to Water: 1.81 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 15 ft Estimated Total Volume Pumped: 900 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: -0.05 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Warm, 60s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
3/12/2024 4:11PM	00:00	7.71 pH	15.82 °C	793.61 µS/cm	1.87 mg/L	4.54 NTU	70.9 mV	1.81 ft	100.00 ml/min
3/12/2024 4:14PM	03:00	7.70 pH	16.63 °C	800.87 µS/cm	1.73 mg/L	0.70 NTU	72.7 mV	1.81 ft	100.00 ml/min
3/12/2024 4:17PM	06:00	7.68 pH	16.63 °C	799.08 µS/cm	1.85 mg/L	0.43 NTU	74.2 mV	1.81 ft	100.00 ml/min
3/12/2024 4:20PM	09:00	7.67 pH	16.89 °C	800.82 µS/cm	1.74 mg/L	0.03 NTU	74.5 mV	1.81 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-8	@430 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 3/13/2024 2:11:17PM

Project: Advanced MW-9

Operator Name: AS

Location Name: Advanced MW-9 Well Diameter: 2 in Casing Type: PVC Screen Length: 5 ft Top of Screen: 10.94 ft Total Depth: 15.94 ft Initial Depth to Water: 3.11 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 13 ft Estimated Total Volume Pumped: 2100 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: -0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Warm, 60s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
3/13/2024 2:11PM	00:00	8.46 pH	13.21 °C	715.86 µS/cm	2.35 mg/L	233.28 NTU	65.7 mV	3.11 ft	100.00 ml/min
3/13/2024 2:14PM	03:00	8.45 pH	14.87 °C	721.99 µS/cm	2.50 mg/L	223.79 NTU	62.2 mV	3.11 ft	100.00 ml/min
3/13/2024 2:17PM	06:00	8.44 pH	15.36 °C	721.97 µS/cm	2.48 mg/L	246.15 NTU	60.2 mV	3.11 ft	100.00 ml/min
3/13/2024 2:20PM	09:00	8.43 pH	15.01 °C	720.70 µS/cm	2.46 mg/L	267.08 NTU	58.4 mV	3.11 ft	100.00 ml/min
3/13/2024 2:23PM	12:00	8.42 pH	15.24 °C	721.72 µS/cm	2.39 mg/L	229.05 NTU	56.5 mV	3.11 ft	100.00 ml/min
3/13/2024 2:26PM	15:00	8.42 pH	14.93 °C	720.97 µS/cm	2.33 mg/L	227.27 NTU	54.8 mV	3.11 ft	100.00 ml/min
3/13/2024 2:29PM	18:00	8.42 pH	15.15 °C	723.34 µS/cm	2.29 mg/L	197.11 NTU	53.5 mV	3.11 ft	100.00 ml/min
3/13/2024 2:32PM	21:00	8.41 pH	15.34 °C	724.90 µS/cm	2.26 mg/L	218.25 NTU	51.6 mV	3.11 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-9	@240 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 3/11/2024 12:08:17PM

Project: Advanced MW-10

Operator Name: AS

Location Name: Advanced MW-10 Well Diameter: 2 in Casing Type: PVC Screen Length: 5 ft Top of Screen: 10.94 ft Total Depth: 15.94 ft Initial Depth to Water: 4.79 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 13 ft Estimated Total Volume Pumped: 2100 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: -0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Cool, 40s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
3/11/2024 12:08PM	00:00	7.98 pH	13.97 °C	520.32 µS/cm	2.00 mg/L	69.95 NTU	-99.1 mV	4.79 ft	100.00 ml/min
3/11/2024 12:11PM	03:00	7.79 pH	14.11 °C	522.86 µS/cm	0.94 mg/L	46.76 NTU	-80.1 mV	4.79 ft	100.00 ml/min
3/11/2024 12:14PM	06:00	7.76 pH	14.11 °C	523.30 µS/cm	0.79 mg/L	59.32 NTU	-70.7 mV	4.79 ft	100.00 ml/min
3/11/2024 12:17PM	09:00	7.75 pH	14.14 °C	524.66 µS/cm	0.67 mg/L	147.52 NTU	-61.1 mV	4.79 ft	100.00 ml/min
3/11/2024 12:20PM	12:00	7.75 pH	14.31 °C	523.63 µS/cm	0.57 mg/L	196.36 NTU	-44.2 mV	4.79 ft	100.00 ml/min
3/11/2024 12:23PM	15:00	7.76 pH	14.39 °C	523.89 µS/cm	0.51 mg/L	166.91 NTU	-35.6 mV	4.79 ft	100.00 ml/min
3/11/2024 12:26PM	18:00	7.73 pH	14.40 °C	523.64 µS/cm	0.44 mg/L	146.40 NTU	-28.5 mV	4.79 ft	100.00 ml/min
3/11/2024 12:29PM	21:00	7.74 pH	14.04 °C	522.04 µS/cm	0.42 mg/L	96.45 NTU	-23.8 mV	4.79 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-10	@1245 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 3/12/2024 11:39:15AM

Project: Advanced MW-11

Operator Name: AS

Location Name: Advanced MW-11 Well Diameter: 2 in Casing Type: PVC Screen Length: 5 ft Top of Screen: 13.69 ft Total Depth: 18.69 ft Initial Depth to Water: 5.46 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 16 ft Estimated Total Volume Pumped: 1200 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.1 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Windy, 40s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
3/12/2024 11:39AM	00:00	7.56 pH	14.86 °C	832.74 µS/cm	3.37 mg/L	13.66 NTU	45.9 mV	5.46 ft	100.00 ml/min
3/12/2024 11:42AM	03:00	7.56 pH	15.36 °C	785.67 µS/cm	2.80 mg/L	9.27 NTU	46.4 mV	5.46 ft	100.00 ml/min
3/12/2024 11:45AM	06:00	7.56 pH	15.61 °C	786.45 µS/cm	2.31 mg/L	10.16 NTU	47.2 mV	5.46 ft	100.00 ml/min
3/12/2024 11:48AM	09:00	7.56 pH	15.25 °C	783.14 µS/cm	2.31 mg/L	9.25 NTU	49.5 mV	5.46 ft	100.00 ml/min
3/12/2024 11:51AM	12:00	7.57 pH	15.30 °C	784.77 µS/cm	2.27 mg/L	9.51 NTU	50.3 mV	5.46 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-11	@1200 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 3/12/2024 2:24:58PM

Project: Advanced MW-12

Operator Name: AS

Location Name: Advanced MW-12 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 6.2 ft Total Depth: 16.2 ft Initial Depth to Water: 5.98 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 10 ft Estimated Total Volume Pumped: 1200 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.1 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Warm, 60s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
3/12/2024 2:24PM	00:00	7.94 pH	14.84 °C	764.77 µS/cm	3.31 mg/L	2.25 NTU	98.6 mV	5.98 ft	100.00 ml/min
3/12/2024 2:27PM	03:00	7.96 pH	15.98 °C	773.32 µS/cm	3.35 mg/L	0.70 NTU	94.6 mV	5.98 ft	100.00 ml/min
3/12/2024 2:30PM	06:00	7.96 pH	16.75 °C	775.39 µS/cm	3.39 mg/L	2.34 NTU	91.1 mV	5.98 ft	100.00 ml/min
3/12/2024 2:33PM	09:00	7.97 pH	17.06 °C	776.07 µS/cm	3.37 mg/L	1.73 NTU	88.4 mV	5.98 ft	100.00 ml/min
3/12/2024 2:36PM	12:00	7.95 pH	16.76 °C	774.74 µS/cm	3.35 mg/L	2.62 NTU	86.7 mV	5.98 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-12	@250 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 3/12/2024 1:43:44PM

Project: Advanced MW-13

Operator Name: AS

Location Name: Advanced MW-13 Well Diameter: 2 in Casing Type: PVC Screen Length: 5 ft Top of Screen: 7.43 ft Total Depth: 12.43 ft Initial Depth to Water: 3.77 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 10 ft Estimated Total Volume Pumped: 1500 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: -0.15 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Warm, 50s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
3/12/2024 1:43PM	00:00	7.66 pH	18.84 °C	1,156.8 µS/cm	3.75 mg/L	142.49 NTU	103.5 mV	3.77 ft	100.00 ml/min
3/12/2024 1:46PM	03:00	7.58 pH	18.60 °C	1,168.4 µS/cm	3.42 mg/L	32.86 NTU	101.6 mV	3.77 ft	100.00 ml/min
3/12/2024 1:49PM	06:00	7.58 pH	18.87 °C	1,175.9 µS/cm	3.20 mg/L	17.76 NTU	98.2 mV	3.77 ft	100.00 ml/min
3/12/2024 1:52PM	09:00	7.57 pH	18.76 °C	1,174.9 µS/cm	3.07 mg/L	7.23 NTU	96.1 mV	3.77 ft	100.00 ml/min
3/12/2024 1:55PM	12:00	7.57 pH	18.52 °C	1,172.5 µS/cm	3.02 mg/L	3.04 NTU	94.7 mV	3.77 ft	100.00 ml/min
3/12/2024 1:58PM	15:00	7.58 pH	18.74 °C	1,176.6 µS/cm	2.97 mg/L	2.47 NTU	93.2 mV	3.77 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-13	@210 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 3/12/2024 10:36:08AM

Project: Advanced MW-14

Operator Name: AS

Location Name: Advanced MW-14 Well Diameter: 2 in Casing Type: PVC Screen Length: 5 ft Top of Screen: 8.87 ft Total Depth: 13.87 ft Initial Depth to Water: 3.89 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 10 ft Estimated Total Volume Pumped: 4200 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Windy, 40s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
3/12/2024 10:36AM	00:00	7.91 pH	12.13 °C	894.27 µS/cm	2.85 mg/L	77.15 NTU	106.1 mV	3.89 ft	100.00 ml/min
3/12/2024 10:39AM	03:00	7.84 pH	13.10 °C	896.25 µS/cm	2.87 mg/L	31.80 NTU	108.9 mV	3.89 ft	100.00 ml/min
3/12/2024 10:42AM	06:00	7.81 pH	13.64 °C	883.53 µS/cm	2.82 mg/L	21.51 NTU	102.0 mV	3.89 ft	100.00 ml/min
3/12/2024 10:45AM	09:00	7.80 pH	13.99 °C	879.72 µS/cm	2.73 mg/L	16.94 NTU	87.3 mV	3.89 ft	100.00 ml/min
3/12/2024 10:48AM	12:00	7.78 pH	14.19 °C	880.42 µS/cm	2.64 mg/L	13.36 NTU	64.8 mV	3.89 ft	100.00 ml/min
3/12/2024 10:51AM	15:00	7.77 pH	14.49 °C	880.87 µS/cm	2.61 mg/L	8.78 NTU	50.0 mV	3.89 ft	100.00 ml/min
3/12/2024 10:54AM	18:00	7.76 pH	14.69 °C	877.68 µS/cm	2.55 mg/L	6.35 NTU	39.9 mV	3.89 ft	100.00 ml/min
3/12/2024 10:57AM	21:00	7.76 pH	14.75 °C	878.25 µS/cm	2.52 mg/L	4.14 NTU	33.1 mV	3.89 ft	100.00 ml/min
3/12/2024 11:00AM	24:00	7.75 pH	14.98 °C	876.82 µS/cm	2.50 mg/L	3.81 NTU	27.1 mV	3.89 ft	100.00 ml/min
3/12/2024 11:03AM	27:00	7.74 pH	15.14 °C	876.31 µS/cm	2.45 mg/L	3.49 NTU	20.2 mV	3.89 ft	100.00 ml/min
3/12/2024 11:06AM	30:00	7.73 pH	15.21 °C	877.17 µS/cm	2.39 mg/L	3.89 NTU	10.9 mV	3.89 ft	100.00 ml/min
3/12/2024 11:09AM	33:00	7.72 pH	15.33 °C	879.16 µS/cm	2.36 mg/L	2.92 NTU	4.2 mV	3.89 ft	100.00 ml/min
3/12/2024 11:12AM	36:00	7.71 pH	15.56 °C	872.38 µS/cm	2.33 mg/L	2.75 NTU	-1.4 mV	3.89 ft	100.00 ml/min

3/12/2024 11:15AM	39:00	7.70 pH	16.09 °C	884.87 µS/cm	2.30 mg/L	2.16 NTU	-5.6 mV	3.89 ft	100.00 ml/min
3/12/2024 11:18AM	42:00	7.71 pH	16.12 °C	882.68 µS/cm	2.28 mg/L	3.03 NTU	-9.6 mV	3.89 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-14	@1130 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 3/12/2024 12:42:29PM

Project: Advanced MW-15

Operator Name: AS

Location Name: Advanced MW-15 Latitude: 39.8942189 Longitude: -85.9240186 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 3.67 ft Total Depth: 13.67 ft Initial Depth to Water: 4.73 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 10 ft Estimated Total Volume Pumped: 2100 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Warm, 50s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
3/12/2024 12:42PM	00:00	7.85 pH	15.10 °C	1,082.1 µS/cm	4.01 mg/L	14.71 NTU	84.1 mV	4.73 ft	100.00 ml/min
3/12/2024 12:45PM	03:00	7.88 pH	16.64 °C	1,093.4 µS/cm	4.12 mg/L	6.46 NTU	77.7 mV	4.73 ft	100.00 ml/min
3/12/2024 12:48PM	06:00	7.87 pH	18.15 °C	1,096.3 µS/cm	4.32 mg/L	2.68 NTU	73.2 mV	4.73 ft	100.00 ml/min
3/12/2024 12:51PM	09:00	7.85 pH	19.44 °C	1,096.2 µS/cm	4.70 mg/L	0.59 NTU	69.8 mV	4.73 ft	100.00 ml/min
3/12/2024 12:54PM	12:00	7.85 pH	20.34 °C	1,096.7 µS/cm	4.68 mg/L	0.26 NTU	67.5 mV	4.73 ft	100.00 ml/min
3/12/2024 12:57PM	15:00	7.84 pH	21.02 °C	1,095.6 µS/cm	5.19 mg/L	1.89 NTU	65.7 mV	4.73 ft	100.00 ml/min
3/12/2024 1:00PM	18:00	7.83 pH	21.56 °C	1,092.9 µS/cm	5.71 mg/L	2.29 NTU	64.6 mV	4.73 ft	100.00 ml/min
3/12/2024 1:03PM	21:00	7.81 pH	22.01 °C	1,089.4 µS/cm	6.06 mg/L	2.53 NTU	64.4 mV	4.73 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-15	@115 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 3/11/2024 11:40:33AM

Project: Advanced MW-16

Operator Name: AS

Location Name: Advanced MW-16 Latitude: 39.8905161 Longitude: -85.9363632 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 44.16 ft Total Depth: 54.16 ft Initial Depth to Water: 13.02 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 50 ft Estimated Total Volume Pumped: 2100 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Cool, 40s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
3/11/2024 11:40AM	00:00	8.25 pH	13.85 °C	658.53 µS/cm	1.53 mg/L	113.19 NTU	-136.8 mV	13.02 ft	100.00 ml/min
3/11/2024 11:43AM	03:00	8.26 pH	14.04 °C	660.37 µS/cm	1.42 mg/L	51.64 NTU	-160.8 mV	13.02 ft	100.00 ml/min
3/11/2024 11:46AM	06:00	8.26 pH	14.01 °C	660.90 µS/cm	1.52 mg/L	76.61 NTU	-164.9 mV	13.02 ft	100.00 ml/min
3/11/2024 11:49AM	09:00	8.26 pH	14.42 °C	662.43 µS/cm	1.82 mg/L	66.84 NTU	-164.9 mV	13.02 ft	100.00 ml/min
3/11/2024 11:52AM	12:00	8.26 pH	14.46 °C	659.26 µS/cm	1.78 mg/L	97.59 NTU	-164.3 mV	13.02 ft	100.00 ml/min
3/11/2024 11:55AM	15:00	8.26 pH	14.62 °C	664.15 µS/cm	1.81 mg/L	95.19 NTU	-163.4 mV	13.02 ft	100.00 ml/min
3/11/2024 11:58AM	18:00	8.27 pH	14.56 °C	658.21 µS/cm	1.67 mg/L	135.53 NTU	-164.2 mV	13.02 ft	100.00 ml/min
3/11/2024 12:01PM	21:00	8.26 pH	14.93 °C	661.10 µS/cm	1.62 mg/L	117.39 NTU	-164.5 mV	13.02 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-16	@1210 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 3/13/2024 10:12:22AM

Project: Advanced MW-17

Operator Name: AS

Location Name: Advanced MW-17 Latitude: 39.894716 Longitude: -85.9245572 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 m Top of Screen: 56.2 m Total Depth: 66.2 m Initial Depth to Water: 10.84 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 60 ft Estimated Total Volume Pumped: 2100 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Cool, 50

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
3/13/2024 10:12AM	00:00	8.53 pH	12.37 °C	675.73 µS/cm	2.61 mg/L	5.33 NTU	-70.3 mV	10.84 ft	100.00 ml/min
3/13/2024 10:15AM	03:00	8.55 pH	12.07 °C	664.06 µS/cm	3.09 mg/L	4.55 NTU	-89.9 mV	10.84 ft	100.00 ml/min
3/13/2024 10:18AM	06:00	8.54 pH	12.03 °C	662.06 µS/cm	2.55 mg/L	0.48 NTU	-103.7 mV	10.84 ft	100.00 ml/min
3/13/2024 10:21AM	09:00	8.55 pH	12.01 °C	661.76 µS/cm	2.61 mg/L	0.30 NTU	-112.7 mV	10.84 ft	100.00 ml/min
3/13/2024 10:24AM	12:00	8.54 pH	12.03 °C	660.88 µS/cm	2.57 mg/L	0.00 NTU	-119.7 mV	10.84 ft	100.00 ml/min
3/13/2024 10:27AM	15:00	8.54 pH	12.06 °C	660.35 µS/cm	2.50 mg/L	0.00 NTU	-125.3 mV	10.84 ft	100.00 ml/min
3/13/2024 10:30AM	18:00	8.54 pH	12.07 °C	660.27 µS/cm	2.51 mg/L	0.00 NTU	-130.3 mV	10.84 ft	100.00 ml/min
3/13/2024 10:33AM	21:00	8.54 pH	12.12 °C	660.06 µS/cm	2.40 mg/L	0.00 NTU	-134.5 mV	10.84 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-17	@1045 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 3/11/2024 2:29:26PM

Project: Advanced MW-18

Operator Name: AS

Location Name: Advanced MW-18 Latitude: 39.894716 Longitude: -85.9245572 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 m Top of Screen: 57.72 ft Total Depth: 67.72 ft Initial Depth to Water: 11.87 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 60 ft Estimated Total Volume Pumped: 2100 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: -0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Cool, 40s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
3/11/2024 2:29PM	00:00	8.39 pH	17.66 °C	593.71 µS/cm	0.51 mg/L	2,513.0 NTU	-78.8 mV	11.87 ft	100.00 ml/min
3/11/2024 2:32PM	03:00	8.37 pH	18.43 °C	603.34 µS/cm	0.44 mg/L	5,364.0 NTU	-90.1 mV	11.87 ft	100.00 ml/min
3/11/2024 2:35PM	06:00	8.33 pH	18.88 °C	607.30 µS/cm	0.52 mg/L	7,407.8 NTU	-93.0 mV	11.87 ft	100.00 ml/min
3/11/2024 2:38PM	09:00	8.29 pH	19.24 °C	607.62 µS/cm	0.63 mg/L	7,864.1 NTU	-92.7 mV	11.87 ft	100.00 ml/min
3/11/2024 2:41PM	12:00	8.27 pH	19.11 °C	609.46 µS/cm	0.70 mg/L	7,359.4 NTU	-91.8 mV	11.87 ft	100.00 ml/min
3/11/2024 2:44PM	15:00	8.26 pH	18.81 °C	608.32 µS/cm	0.80 mg/L	6,402.4 NTU	-91.1 mV	11.87 ft	100.00 ml/min
3/11/2024 2:47PM	18:00	8.24 pH	18.78 °C	609.34 µS/cm	0.94 mg/L	4,161.4 NTU	-92.4 mV	11.87 ft	100.00 ml/min
3/11/2024 2:50PM	21:00	8.23 pH	18.56 °C	608.05 µS/cm	0.93 mg/L	1,751.5 NTU	-95.2 mV	11.87 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-18	@305 Cloudy, no odor

Low-Flow Test Report:

Test Date / Time: 3/27/2024 1:57:20PM

Project: Advanced MW-3

Operator Name: AS

Location Name: Advanced MW-3 Well Diameter: 1 in Casing Type: PCV Screen Length: 5 ft Top of Screen: 9.6 ft Total Depth: 14.6 ft Initial Depth to Water: 2.63 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 12 ft Estimated Total Volume Pumped: 3900 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Cold, 40

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
3/27/2024 1:57PM	00:00	7.36 pH	10.47 °C	991.57 µS/cm	1.94 mg/L	112.70 NTU	279.9 mV	2.63 ft	100.00 ml/min
3/27/2024 2:00PM	03:00	7.35 pH	10.61 °C	990.74 µS/cm	1.67 mg/L	105.94 NTU	278.1 mV	2.63 ft	100.00 ml/min
3/27/2024 2:03PM	06:00	7.35 pH	10.09 °C	980.12 µS/cm	1.68 mg/L	128.60 NTU	276.6 mV	2.63 ft	100.00 ml/min
3/27/2024 2:06PM	09:00	7.35 pH	10.07 °C	979.40 µS/cm	1.69 mg/L	157.36 NTU	274.6 mV	2.63 ft	100.00 ml/min
3/27/2024 2:09PM	12:00	7.35 pH	10.18 °C	989.96 µS/cm	2.00 mg/L	56.59 NTU	272.8 mV	2.63 ft	100.00 ml/min
3/27/2024 2:12PM	15:00	7.35 pH	9.99 °C	990.36 µS/cm	1.80 mg/L	81.43 NTU	271.3 mV	2.63 ft	100.00 ml/min
3/27/2024 2:15PM	18:00	7.35 pH	9.76 °C	981.56 µS/cm	1.67 mg/L	54.38 NTU	269.9 mV	2.63 ft	100.00 ml/min
3/27/2024 2:18PM	21:00	7.35 pH	9.67 °C	981.62 µS/cm	1.76 mg/L	94.20 NTU	268.3 mV	2.63 ft	100.00 ml/min
3/27/2024 2:21PM	24:00	7.34 pH	10.58 °C	984.58 µS/cm	1.54 mg/L	74.36 NTU	265.2 mV	2.63 ft	100.00 ml/min
3/27/2024 2:24PM	27:00	7.33 pH	11.22 °C	985.59 µS/cm	1.49 mg/L	90.20 NTU	262.6 mV	2.63 ft	100.00 ml/min
3/27/2024 2:27PM	30:00	7.33 pH	11.38 °C	981.04 µS/cm	1.49 mg/L	70.76 NTU	260.5 mV	2.63 ft	100.00 ml/min
3/27/2024 2:30PM	33:00	7.33 pH	11.40 °C	986.31 µS/cm	1.47 mg/L	92.37 NTU	259.1 mV	2.63 ft	100.00 ml/min
3/27/2024 2:33PM	36:00	7.33 pH	11.27 °C	986.14 µS/cm	1.33 mg/L	80.47 NTU	257.2 mV	2.63 ft	100.00 ml/min

3/27/2024 2:36PM	39:00	7.33 pH	11.11 °C	986.39 µS/cm	1.43 mg/L	76.70 NTU	255.6 mV	2.63 ft	100.00 ml/min
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Samples

Sample ID:	Description:
MW-3	@240 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 5/21/2024 3:29:34PM

Project: Advanced MW-1

Operator Name: AS

Location Name: Advanced MW-1 Well Diameter: 2 in Casing Type: PCV Screen Length: 5 ft Top of Screen: 10.15 ft Total Depth: 15.15 ft Initial Depth to Water: 4.71 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 12 ft Estimated Total Volume Pumped: 1500 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.2 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Sunny, 80s, hot

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
5/21/2024 3:29PM	00:00	6.90 pH	22.09 °C	8,142.4 µS/cm	0.70 mg/L	0.64 NTU	201.5 mV	4.71 ft	100.00 ml/min
5/21/2024 3:32PM	03:00	6.90 pH	23.74 °C	8,147.9 µS/cm	0.74 mg/L	0.70 NTU	197.4 mV	4.71 ft	100.00 ml/min
5/21/2024 3:35PM	06:00	6.90 pH	24.35 °C	8,137.8 µS/cm	0.84 mg/L	0.69 NTU	195.4 mV	4.71 ft	100.00 ml/min
5/21/2024 3:38PM	09:00	6.89 pH	24.91 °C	8,153.1 µS/cm	0.73 mg/L	0.66 NTU	194.2 mV	4.71 ft	100.00 ml/min
5/21/2024 3:41PM	12:00	6.89 pH	25.23 °C	8,128.2 µS/cm	0.57 mg/L	0.92 NTU	193.9 mV	4.71 ft	100.00 ml/min
5/21/2024 3:44PM	15:00	6.89 pH	25.66 °C	8,139.7 µS/cm	0.63 mg/L	1.25 NTU	193.9 mV	4.71 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-1	@350

Low-Flow Test Report:

Test Date / Time: 5/21/2024 2:27:06PM

Project: Advanced MW-2

Operator Name: AS

Location Name: Advanced MW-2 Well Diameter: 2 in Casing Type: PCV Screen Length: 5 ft Top of Screen: 9.57 ft Total Depth: 14.57 ft Initial Depth to Water: 3.08 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 12 ft Estimated Total Volume Pumped: 3300 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: -0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Sunny, 80s, hot

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
5/21/2024 2:27PM	00:00	7.61 pH	20.76 °C	467.37 µS/cm	1.61 mg/L	833.41 NTU	168.2 mV	3.08 ft	100.00 ml/min
5/21/2024 2:30PM	03:00	7.51 pH	22.27 °C	504.34 µS/cm	0.96 mg/L	857.09 NTU	127.8 mV	3.08 ft	100.00 ml/min
5/21/2024 2:33PM	06:00	7.52 pH	23.35 °C	492.48 µS/cm	0.95 mg/L	349.19 NTU	110.1 mV	3.08 ft	100.00 ml/min
5/21/2024 2:36PM	09:00	7.51 pH	23.60 °C	501.48 µS/cm	0.87 mg/L	343.63 NTU	100.6 mV	3.08 ft	100.00 ml/min
5/21/2024 2:39PM	12:00	7.50 pH	23.68 °C	504.63 µS/cm	0.82 mg/L	413.97 NTU	92.5 mV	3.08 ft	100.00 ml/min
5/21/2024 2:42PM	15:00	7.46 pH	23.71 °C	505.73 µS/cm	0.78 mg/L	359.21 NTU	88.3 mV	3.08 ft	100.00 ml/min
5/21/2024 2:45PM	18:00	7.47 pH	23.66 °C	497.95 µS/cm	0.75 mg/L	300.85 NTU	82.1 mV	3.08 ft	100.00 ml/min
5/21/2024 2:48PM	21:00	7.48 pH	23.54 °C	489.83 µS/cm	0.73 mg/L	265.43 NTU	77.0 mV	3.08 ft	100.00 ml/min
5/21/2024 2:51PM	24:00	7.51 pH	23.48 °C	463.36 µS/cm	0.77 mg/L	262.96 NTU	78.5 mV	3.08 ft	100.00 ml/min
5/21/2024 2:54PM	27:00	7.54 pH	23.34 °C	445.22 µS/cm	0.80 mg/L	224.59 NTU	80.7 mV	3.08 ft	100.00 ml/min
5/21/2024 2:57PM	30:00	7.56 pH	23.11 °C	434.09 µS/cm	0.81 mg/L	211.10 NTU	84.5 mV	3.08 ft	100.00 ml/min
5/21/2024 3:00PM	33:00	7.58 pH	22.94 °C	428.54 µS/cm	0.83 mg/L	196.40 NTU	87.7 mV	3.08 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-2	@300

Low-Flow Test Report:

Test Date / Time: 5/22/2024 2:27:31PM

Project: Advanced MW-3

Operator Name: AS

Location Name: Advanced MW-3 Well Diameter: 1 in Casing Type: PCV Screen Length: 5 ft Top of Screen: 9.6 ft Total Depth: 14.6 ft Initial Depth to Water: 1.19 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 12 ft Estimated Total Volume Pumped: 2100 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Sunny, 80s humid

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
5/22/2024 2:27PM	00:00	7.28 pH	20.35 °C	992.75 µS/cm	0.66 mg/L	87.26 NTU	53.3 mV	1.19 ft	100.00 ml/min
5/22/2024 2:30PM	03:00	7.26 pH	23.20 °C	1,012.0 µS/cm	0.69 mg/L	75.41 NTU	45.2 mV	1.19 ft	100.00 ml/min
5/22/2024 2:33PM	06:00	7.24 pH	24.86 °C	1,011.4 µS/cm	0.85 mg/L	86.57 NTU	41.0 mV	1.19 ft	100.00 ml/min
5/22/2024 2:36PM	09:00	7.25 pH	25.39 °C	1,007.8 µS/cm	0.77 mg/L	153.51 NTU	38.5 mV	1.19 ft	100.00 ml/min
5/22/2024 2:39PM	12:00	7.25 pH	25.70 °C	1,011.2 µS/cm	0.72 mg/L	103.28 NTU	37.5 mV	1.19 ft	100.00 ml/min
5/22/2024 2:42PM	15:00	7.24 pH	25.82 °C	1,006.7 µS/cm	0.74 mg/L	90.76 NTU	37.0 mV	1.19 ft	100.00 ml/min
5/22/2024 2:45PM	18:00	7.24 pH	25.79 °C	1,004.6 µS/cm	0.65 mg/L	86.57 NTU	37.3 mV	1.19 ft	100.00 ml/min
5/22/2024 2:48PM	21:00	7.25 pH	25.58 °C	1,003.5 µS/cm	0.64 mg/L	91.99 NTU	38.8 mV	1.19 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-3	@300

Low-Flow Test Report:

Test Date / Time: 5/21/2024 3:57:21PM

Project: Advanced MW-4

Operator Name: AS

Location Name: Advanced MW-4 Well Diameter: 2 in Casing Type: PCV Screen Length: 5 ft Top of Screen: 8.08 ft Total Depth: 13.08 ft Initial Depth to Water: 3.82 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 11 ft Estimated Total Volume Pumped: 2100 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: -0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Sunny, 80s, hot

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
5/21/2024 3:57PM	00:00	7.22 pH	19.81 °C	1,365.9 µS/cm	0.73 mg/L	152.20 NTU	-12.5 mV	3.82 ft	100.00 ml/min
5/21/2024 4:00PM	03:00	7.20 pH	21.02 °C	1,359.6 µS/cm	0.66 mg/L	115.41 NTU	-30.0 mV	3.82 ft	100.00 ml/min
5/21/2024 4:03PM	06:00	7.18 pH	21.35 °C	1,340.3 µS/cm	0.61 mg/L	128.58 NTU	-37.7 mV	3.82 ft	100.00 ml/min
5/21/2024 4:06PM	09:00	7.16 pH	21.11 °C	1,297.1 µS/cm	0.56 mg/L	113.26 NTU	-42.6 mV	3.82 ft	100.00 ml/min
5/21/2024 4:09PM	12:00	7.16 pH	21.01 °C	1,302.9 µS/cm	0.44 mg/L	84.60 NTU	-22.5 mV	3.82 ft	100.00 ml/min
5/21/2024 4:12PM	15:00	7.15 pH	21.01 °C	1,293.9 µS/cm	0.39 mg/L	68.68 NTU	-32.8 mV	3.82 ft	100.00 ml/min
5/21/2024 4:15PM	18:00	7.14 pH	21.17 °C	1,287.9 µS/cm	0.35 mg/L	55.92 NTU	-31.9 mV	3.82 ft	100.00 ml/min
5/21/2024 4:18PM	21:00	7.14 pH	20.77 °C	1,276.7 µS/cm	0.32 mg/L	41.81 NTU	-42.5 mV	3.82 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-4	@425

Low-Flow Test Report:

Test Date / Time: 5/22/2024 12:29:05PM

Project: Advanced MW-5

Operator Name: AS

Location Name: Advanced MW-5 Well Diameter: 2 in Casing Type: PVC Screen Length: 5 ft Top of Screen: 13.71 ft Total Depth: 18.71 ft Initial Depth to Water: 4.97 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 16 ft Estimated Total Volume Pumped: 1800 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: -0.25 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Partly cloudy, upper 70s, humid

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
5/22/2024 12:29PM	00:00	7.35 pH	18.54 °C	1,829.7 µS/cm	0.48 mg/L	82.99 NTU	59.1 mV	4.97 ft	100.00 ml/min
5/22/2024 12:32PM	03:00	7.34 pH	20.24 °C	1,842.2 µS/cm	0.68 mg/L	87.94 NTU	53.7 mV	4.97 ft	100.00 ml/min
5/22/2024 12:35PM	06:00	7.34 pH	20.85 °C	1,839.7 µS/cm	0.71 mg/L	87.81 NTU	50.2 mV	4.97 ft	100.00 ml/min
5/22/2024 12:38PM	09:00	7.34 pH	21.08 °C	1,844.7 µS/cm	0.69 mg/L	95.49 NTU	47.7 mV	4.97 ft	100.00 ml/min
5/22/2024 12:41PM	12:00	7.34 pH	20.79 °C	1,845.6 µS/cm	0.64 mg/L	79.42 NTU	46.1 mV	4.97 ft	100.00 ml/min
5/22/2024 12:44PM	15:00	7.34 pH	20.86 °C	1,855.6 µS/cm	0.61 mg/L	82.97 NTU	44.8 mV	4.97 ft	100.00 ml/min
5/22/2024 12:47PM	18:00	7.35 pH	20.64 °C	1,846.8 µS/cm	0.57 mg/L	78.01 NTU	44.3 mV	4.97 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-5	@1255

Low-Flow Test Report:

Test Date / Time: 5/20/2024 3:13:58PM

Project: Advanced MW-6

Operator Name: AS

Location Name: Advanced MW-6 Well Diameter: 2 in Casing Type: PVC Screen Length: 5 ft Top of Screen: 13.6 ft Total Depth: 18.6 ft Initial Depth to Water: 6.12 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 16 ft Estimated Total Volume Pumped: 2100 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: -0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Sunny, 80s, hot

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
5/20/2024 3:13PM	00:00	7.01 pH	20.97 °C	2,724.5 µS/cm	2.52 mg/L	416.64 NTU	61.4 mV	6.12 ft	100.00 ml/min
5/20/2024 3:16PM	03:00	7.07 pH	23.41 °C	2,850.5 µS/cm	1.08 mg/L	312.17 NTU	30.1 mV	6.12 ft	100.00 ml/min
5/20/2024 3:19PM	06:00	7.07 pH	24.86 °C	2,879.7 µS/cm	1.00 mg/L	752.62 NTU	22.4 mV	6.12 ft	100.00 ml/min
5/20/2024 3:22PM	09:00	7.07 pH	24.67 °C	2,886.7 µS/cm	0.89 mg/L	674.10 NTU	26.9 mV	6.12 ft	100.00 ml/min
5/20/2024 3:25PM	12:00	7.07 pH	25.16 °C	2,893.8 µS/cm	0.77 mg/L	126.92 NTU	28.8 mV	6.12 ft	100.00 ml/min
5/20/2024 3:28PM	15:00	7.06 pH	25.64 °C	2,885.7 µS/cm	0.70 mg/L	118.32 NTU	21.0 mV	6.12 ft	100.00 ml/min
5/20/2024 3:31PM	18:00	7.06 pH	25.14 °C	2,867.7 µS/cm	0.68 mg/L	119.89 NTU	18.4 mV	6.12 ft	100.00 ml/min
5/20/2024 3:34PM	21:00	7.06 pH	25.05 °C	2,858.3 µS/cm	0.63 mg/L	99.31 NTU	17.0 mV	6.12 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-6	@345

Low-Flow Test Report:

Test Date / Time: 5/21/2024 5:39:00PM

Project: Advanced MW-7

Operator Name: AS

Location Name: Advanced MW-7 Well Diameter: 2 in Casing Type: PVC Screen Length: 5 ft Top of Screen: 11.69 ft Total Depth: 16.69 ft Initial Depth to Water: 3.63 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 13 ft Estimated Total Volume Pumped: 2100 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Sunny, 80s, hot

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
5/21/2024 5:39PM	00:00	7.20 pH	20.38 °C	848.91 µS/cm	0.73 mg/L	7.72 NTU	108.1 mV	3.63 ft	100.00 ml/min
5/21/2024 5:42PM	03:00	7.20 pH	20.79 °C	860.67 µS/cm	0.71 mg/L	21.04 NTU	104.5 mV	3.63 ft	100.00 ml/min
5/21/2024 5:45PM	06:00	7.19 pH	21.09 °C	855.45 µS/cm	0.65 mg/L	19.29 NTU	102.2 mV	3.63 ft	100.00 ml/min
5/21/2024 5:48PM	09:00	7.19 pH	21.41 °C	855.81 µS/cm	0.57 mg/L	34.57 NTU	99.5 mV	3.63 ft	100.00 ml/min
5/21/2024 5:51PM	12:00	7.17 pH	21.61 °C	861.62 µS/cm	0.55 mg/L	65.30 NTU	98.2 mV	3.63 ft	100.00 ml/min
5/21/2024 5:54PM	15:00	7.18 pH	21.42 °C	870.47 µS/cm	0.51 mg/L	89.38 NTU	96.1 mV	3.63 ft	100.00 ml/min
5/21/2024 5:57PM	18:00	7.18 pH	21.57 °C	882.11 µS/cm	0.48 mg/L	119.86 NTU	94.3 mV	3.63 ft	100.00 ml/min
5/21/2024 6:00PM	21:00	7.17 pH	21.40 °C	901.96 µS/cm	0.45 mg/L	68.48 NTU	93.9 mV	3.63 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-7	@600

Low-Flow Test Report:

Test Date / Time: 5/21/2024 4:59:35PM

Project: Advanced MW-8

Operator Name: AS

Location Name: Advanced MW-8 Well Diameter: 2 in Casing Type: PVC Screen Length: 5 ft Top of Screen: 13.63 ft Total Depth: 18.63 ft Initial Depth to Water: 2.32 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 15 ft Estimated Total Volume Pumped: 2100 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: -0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Sunny, 80s, hot

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
5/21/2024 4:59PM	00:00	7.27 pH	19.58 °C	572.23 µS/cm	1.10 mg/L	4.95 NTU	97.3 mV	2.32 ft	100.00 ml/min
5/21/2024 5:02PM	03:00	7.25 pH	21.37 °C	599.51 µS/cm	0.73 mg/L	8.37 NTU	94.1 mV	2.32 ft	100.00 ml/min
5/21/2024 5:05PM	06:00	7.24 pH	22.21 °C	535.19 µS/cm	0.82 mg/L	28.53 NTU	92.4 mV	2.32 ft	100.00 ml/min
5/21/2024 5:08PM	09:00	7.24 pH	22.51 °C	533.12 µS/cm	0.80 mg/L	16.28 NTU	91.3 mV	2.32 ft	100.00 ml/min
5/21/2024 5:11PM	12:00	7.24 pH	22.77 °C	531.33 µS/cm	0.72 mg/L	29.01 NTU	90.8 mV	2.32 ft	100.00 ml/min
5/21/2024 5:14PM	15:00	7.24 pH	22.59 °C	528.94 µS/cm	0.63 mg/L	34.74 NTU	90.8 mV	2.32 ft	100.00 ml/min
5/21/2024 5:17PM	18:00	7.24 pH	22.33 °C	527.60 µS/cm	0.59 mg/L	62.69 NTU	90.9 mV	2.32 ft	100.00 ml/min
5/21/2024 5:20PM	21:00	7.23 pH	22.43 °C	527.08 µS/cm	0.55 mg/L	84.13 NTU	91.3 mV	2.32 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-8	@525

Low-Flow Test Report:

Test Date / Time: 5/21/2024 1:55:36PM

Project: Advanced MW-9

Operator Name: AS

Location Name: Advanced MW-9 Well Diameter: 2 in Casing Type: PVC Screen Length: 5 ft Top of Screen: 10.94 ft Total Depth: 15.94 ft Initial Depth to Water: 2.82 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 13 ft Estimated Total Volume Pumped: 1526.667 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: -0.2 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Sunny, 80s, hot

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
5/21/2024 1:55PM	00:00	7.51 pH	23.32 °C	748.97 µS/cm	0.75 mg/L	73.59 NTU	216.0 mV	2.82 ft	100.00 ml/min
5/21/2024 1:58PM	03:00	7.51 pH	23.33 °C	743.69 µS/cm	0.74 mg/L	83.44 NTU	214.0 mV	2.82 ft	100.00 ml/min
5/21/2024 1:58PM	03:16	7.51 pH	23.13 °C	744.14 µS/cm	0.76 mg/L	86.44 NTU	213.5 mV	2.82 ft	100.00 ml/min
5/21/2024 2:01PM	06:16	7.51 pH	22.99 °C	732.28 µS/cm	0.74 mg/L	95.63 NTU	211.5 mV	2.82 ft	100.00 ml/min
5/21/2024 2:04PM	09:16	7.51 pH	22.88 °C	740.12 µS/cm	0.74 mg/L	104.57 NTU	209.8 mV	2.82 ft	100.00 ml/min
5/21/2024 2:07PM	12:16	7.52 pH	22.86 °C	736.07 µS/cm	0.73 mg/L	106.42 NTU	207.9 mV	2.82 ft	100.00 ml/min
5/21/2024 2:10PM	15:16	7.52 pH	22.90 °C	737.18 µS/cm	0.66 mg/L	111.70 NTU	205.9 mV	2.82 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-9	@215 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 5/22/2024 10:58:23AM

Project: Advanced MW-10

Operator Name: AS

Location Name: Advanced MW-10 Well Diameter: 2 in Casing Type: PVC Screen Length: 5 ft Top of Screen: 10.94 ft Total Depth: 15.94 ft Initial Depth to Water: 4.76 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 13 ft Estimated Total Volume Pumped: 2100 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Partly cloudy, upper 70s, humid

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
5/22/2024 10:58AM	00:00	7.42 pH	18.45 °C	538.51 µS/cm	0.47 mg/L	54.49 NTU	1.6 mV	4.76 ft	100.00 ml/min
5/22/2024 11:01AM	03:00	7.39 pH	20.11 °C	543.46 µS/cm	0.60 mg/L	47.81 NTU	-3.1 mV	4.76 ft	100.00 ml/min
5/22/2024 11:04AM	06:00	7.37 pH	21.05 °C	549.56 µS/cm	0.72 mg/L	41.83 NTU	-5.9 mV	4.76 ft	100.00 ml/min
5/22/2024 11:07AM	09:00	7.37 pH	21.95 °C	548.42 µS/cm	0.72 mg/L	37.77 NTU	-6.8 mV	4.76 ft	100.00 ml/min
5/22/2024 11:10AM	12:00	7.35 pH	22.54 °C	553.04 µS/cm	0.70 mg/L	37.53 NTU	-9.0 mV	4.76 ft	100.00 ml/min
5/22/2024 11:13AM	15:00	7.35 pH	22.90 °C	546.08 µS/cm	0.66 mg/L	37.73 NTU	-9.9 mV	4.76 ft	100.00 ml/min
5/22/2024 11:16AM	18:00	7.35 pH	23.05 °C	551.57 µS/cm	0.62 mg/L	46.28 NTU	-11.3 mV	4.76 ft	100.00 ml/min
5/22/2024 11:19AM	21:00	7.34 pH	23.38 °C	549.04 µS/cm	0.57 mg/L	43.87 NTU	-12.6 mV	4.76 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-10	@1130

Low-Flow Test Report:

Test Date / Time: 5/20/2024 11:02:50AM

Project: Advanced MW-11

Operator Name: AS

Location Name: Advanced MW-11 Well Diameter: 2 in Casing Type: PVC Screen Length: 5 ft Top of Screen: 13.69 ft Total Depth: 18.69 ft Initial Depth to Water: 5.23 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 16 ft Estimated Total Volume Pumped: 2100 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Sunny, 80s, hot

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
5/20/2024 11:02AM	00:00	7.15 pH	19.80 °C	826.77 µS/cm	3.16 mg/L	44.51 NTU	109.8 mV	5.23 ft	100.00 ml/min
5/20/2024 11:05AM	03:00	7.13 pH	21.67 °C	825.78 µS/cm	1.96 mg/L	26.92 NTU	85.3 mV	5.23 ft	100.00 ml/min
5/20/2024 11:08AM	06:00	7.12 pH	23.38 °C	836.12 µS/cm	1.59 mg/L	28.71 NTU	76.0 mV	5.23 ft	100.00 ml/min
5/20/2024 11:11AM	09:00	7.10 pH	24.31 °C	839.85 µS/cm	1.50 mg/L	63.72 NTU	71.8 mV	5.23 ft	100.00 ml/min
5/20/2024 11:14AM	12:00	7.08 pH	25.10 °C	836.93 µS/cm	1.43 mg/L	122.67 NTU	68.5 mV	5.23 ft	100.00 ml/min
5/20/2024 11:17AM	15:00	7.08 pH	25.72 °C	836.42 µS/cm	1.23 mg/L	147.63 NTU	66.2 mV	5.23 ft	100.00 ml/min
5/20/2024 11:20AM	18:00	7.07 pH	26.21 °C	845.46 µS/cm	1.17 mg/L	133.88 NTU	64.0 mV	5.23 ft	100.00 ml/min
5/20/2024 11:23AM	21:00	7.06 pH	26.86 °C	853.49 µS/cm	1.16 mg/L	185.69 NTU	61.9 mV	5.23 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-11	@1130

Low-Flow Test Report:

Test Date / Time: 5/20/2024 12:35:22PM

Project: Advanced MW-12

Operator Name: AS

Location Name: Advanced MW-12 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 6.2 ft Total Depth: 16.2 ft Initial Depth to Water: 4.68 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 10 ft Estimated Total Volume Pumped: 2100 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: -0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Sunny, 80s, hot

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
5/20/2024 12:35PM	00:00	7.36 pH	18.12 °C	712.06 µS/cm	0.80 mg/L	18.44 NTU	200.7 mV	4.68 ft	100.00 ml/min
5/20/2024 12:38PM	03:00	7.35 pH	21.01 °C	725.47 µS/cm	0.87 mg/L	10.87 NTU	197.0 mV	4.68 ft	100.00 ml/min
5/20/2024 12:41PM	06:00	7.33 pH	22.61 °C	726.55 µS/cm	1.00 mg/L	4.87 NTU	195.1 mV	4.68 ft	100.00 ml/min
5/20/2024 12:44PM	09:00	7.32 pH	23.53 °C	730.11 µS/cm	1.06 mg/L	3.20 NTU	193.5 mV	4.68 ft	100.00 ml/min
5/20/2024 12:47PM	12:00	7.31 pH	23.86 °C	731.64 µS/cm	1.08 mg/L	2.42 NTU	192.8 mV	4.68 ft	100.00 ml/min
5/20/2024 12:50PM	15:00	7.28 pH	24.45 °C	728.67 µS/cm	1.16 mg/L	3.57 NTU	193.2 mV	4.68 ft	100.00 ml/min
5/20/2024 12:53PM	18:00	7.29 pH	23.99 °C	723.95 µS/cm	1.23 mg/L	5.51 NTU	191.9 mV	4.68 ft	100.00 ml/min
5/20/2024 12:56PM	21:00	7.28 pH	24.06 °C	722.86 µS/cm	1.31 mg/L	11.09 NTU	193.1 mV	4.68 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-12	@110

Low-Flow Test Report:

Test Date / Time: 5/20/2024 11:58:36AM

Project: Advanced MW-13

Operator Name: AS

Location Name: Advanced MW-13 Well Diameter: 2 in Casing Type: PVC Screen Length: 5 ft Top of Screen: 7.43 ft Total Depth: 12.43 ft Initial Depth to Water: 3.82 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 10 ft Estimated Total Volume Pumped: 1500 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: -0.2 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Sunny, 80s, hot

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
5/20/2024 11:58AM	00:00	7.14 pH	27.74 °C	1,187.6 µS/cm	5.11 mg/L	94.33 NTU	196.1 mV	3.82 ft	100.00 ml/min
5/20/2024 12:01PM	03:00	7.07 pH	26.48 °C	1,176.1 µS/cm	4.75 mg/L	74.19 NTU	197.7 mV	3.82 ft	100.00 ml/min
5/20/2024 12:04PM	06:00	7.03 pH	25.96 °C	1,166.6 µS/cm	2.90 mg/L	72.86 NTU	200.0 mV	3.82 ft	100.00 ml/min
5/20/2024 12:07PM	09:00	7.03 pH	26.05 °C	1,168.0 µS/cm	1.68 mg/L	56.43 NTU	197.7 mV	3.82 ft	100.00 ml/min
5/20/2024 12:10PM	12:00	7.03 pH	26.24 °C	1,168.3 µS/cm	1.53 mg/L	57.47 NTU	195.4 mV	3.82 ft	100.00 ml/min
5/20/2024 12:13PM	15:00	7.04 pH	26.39 °C	1,171.7 µS/cm	1.54 mg/L	58.00 NTU	193.9 mV	3.82 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-13	@1220

Low-Flow Test Report:

Test Date / Time: 5/20/2024 10:21:13AM

Project: Advanced MW-14

Operator Name: AS

Location Name: Advanced MW-14 Well Diameter: 2 in Casing Type: PVC Screen Length: 5 ft Top of Screen: 8.87 ft Total Depth: 13.87 ft Initial Depth to Water: 3.68 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 10 ft Estimated Total Volume Pumped: 2100 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Sunny, 80s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
5/20/2024 10:21AM	00:00	7.24 pH	17.66 °C	860.08 µS/cm	0.72 mg/L	44.44 NTU	34.5 mV	3.68 ft	100.00 ml/min
5/20/2024 10:24AM	03:00	7.24 pH	18.35 °C	754.42 µS/cm	0.71 mg/L	75.32 NTU	25.7 mV	3.68 ft	100.00 ml/min
5/20/2024 10:27AM	06:00	7.23 pH	18.43 °C	743.78 µS/cm	0.61 mg/L	117.90 NTU	22.5 mV	3.68 ft	100.00 ml/min
5/20/2024 10:30AM	09:00	7.22 pH	18.33 °C	749.46 µS/cm	0.54 mg/L	161.99 NTU	20.7 mV	3.68 ft	100.00 ml/min
5/20/2024 10:33AM	12:00	7.22 pH	18.51 °C	740.77 µS/cm	0.49 mg/L	250.88 NTU	18.9 mV	3.68 ft	100.00 ml/min
5/20/2024 10:36AM	15:00	7.22 pH	18.42 °C	810.46 µS/cm	0.44 mg/L	177.88 NTU	17.6 mV	3.68 ft	100.00 ml/min
5/20/2024 10:39AM	18:00	7.22 pH	18.45 °C	804.32 µS/cm	0.42 mg/L	219.19 NTU	15.9 mV	3.68 ft	100.00 ml/min
5/20/2024 10:42AM	21:00	7.22 pH	18.61 °C	783.55 µS/cm	0.39 mg/L	310.87 NTU	14.2 mV	3.68 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-14 and DUP	@1045 Clear, no odor

Low-Flow Test Report:

Test Date / Time: 5/24/2024 7:50:49AM

Project: Advanced MW-15

Operator Name: AS

Location Name: Advanced MW-15 Latitude: 39.8942189 Longitude: -85.9240186 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 3.67 ft Total Depth: 13.67 ft Initial Depth to Water: 4.64 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 10 ft Estimated Total Volume Pumped: 900 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: -0.2 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Foggy, 65

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
5/24/2024 7:50AM	00:00	7.32 pH	17.16 °C	1,099.7 µS/cm	0.68 mg/L	3.47 NTU	188.8 mV	4.64 ft	100.00 ml/min
5/24/2024 7:53AM	03:00	7.32 pH	17.23 °C	1,102.3 µS/cm	0.64 mg/L	3.93 NTU	187.1 mV	4.64 ft	100.00 ml/min
5/24/2024 7:56AM	06:00	7.32 pH	17.29 °C	1,099.8 µS/cm	0.62 mg/L	6.57 NTU	185.7 mV	4.64 ft	100.00 ml/min
5/24/2024 7:59AM	09:00	7.32 pH	17.27 °C	1,105.0 µS/cm	0.61 mg/L	5.43 NTU	184.5 mV	4.64 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-15 & MS/MSD	@800

Low-Flow Test Report:

Test Date / Time: 5/22/2024 11:35:39AM

Project: Advanced MW-16

Operator Name: AS

Location Name: Advanced MW-16 Latitude: 39.8905161 Longitude: -85.9363632 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 44.14 ft Total Depth: 54.16 ft Initial Depth to Water: 36.59 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 50 ft Estimated Total Volume Pumped: 2100 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Partly cloudy, upper 70s, humid

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
5/22/2024 11:35AM	00:00	7.30 pH	21.93 °C	625.11 µS/cm	3.77 mg/L	270.69 NTU	0.8 mV	36.59 ft	100.00 ml/min
5/22/2024 11:38AM	03:00	7.47 pH	21.32 °C	637.32 µS/cm	3.21 mg/L	246.19 NTU	-27.7 mV	36.59 ft	100.00 ml/min
5/22/2024 11:41AM	06:00	7.50 pH	20.83 °C	641.67 µS/cm	2.25 mg/L	121.12 NTU	-35.1 mV	36.59 ft	100.00 ml/min
5/22/2024 11:44AM	09:00	7.53 pH	20.37 °C	647.04 µS/cm	1.65 mg/L	79.41 NTU	-38.8 mV	36.59 ft	100.00 ml/min
5/22/2024 11:47AM	12:00	7.56 pH	20.03 °C	640.37 µS/cm	1.51 mg/L	62.66 NTU	-38.3 mV	36.59 ft	100.00 ml/min
5/22/2024 11:50AM	15:00	7.57 pH	20.03 °C	639.31 µS/cm	1.64 mg/L	66.45 NTU	-36.3 mV	36.59 ft	100.00 ml/min
5/22/2024 11:53AM	18:00	7.58 pH	19.92 °C	640.46 µS/cm	1.87 mg/L	79.27 NTU	-32.6 mV	36.59 ft	100.00 ml/min
5/22/2024 11:56AM	21:00	7.59 pH	19.94 °C	639.83 µS/cm	2.06 mg/L	84.03 NTU	-28.8 mV	36.59 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-16	@1200

Low-Flow Test Report:

Test Date / Time: 5/23/2024 9:11:47AM

Project: Advanced MW-17

Operator Name: AS

Location Name: Advanced MW-17 Latitude: 39.894716 Longitude: -85.9245572 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 m Top of Screen: 56.2 m Total Depth: 66.2 m Initial Depth to Water: 27.27 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 60 ft Estimated Total Volume Pumped: 900 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.05 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Partly cloudy, 70s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
5/23/2024 9:11AM	00:00	7.83 pH	18.27 °C	610.60 µS/cm	1.71 mg/L	23.54 NTU	-34.4 mV	27.27 ft	100.00 ml/min
5/23/2024 9:14AM	03:00	7.83 pH	18.37 °C	622.41 µS/cm	1.66 mg/L	24.86 NTU	-35.6 mV	27.27 ft	100.00 ml/min
5/23/2024 9:17AM	06:00	7.82 pH	18.28 °C	616.22 µS/cm	1.68 mg/L	22.32 NTU	-37.6 mV	27.27 ft	100.00 ml/min
5/23/2024 9:20AM	09:00	7.82 pH	18.36 °C	616.02 µS/cm	1.53 mg/L	22.92 NTU	-38.1 mV	27.27 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-17	@915

Low-Flow Test Report:

Test Date / Time: 5/22/2024 1:27:07PM

Project: Advanced MW-18

Operator Name: AS

Location Name: Advanced MW-18 Latitude: 39.894716 Longitude: -85.9245572 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 m Top of Screen: 56.2 m Total Depth: 66.2 m Initial Depth to Water: 43.89 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 60 ft Estimated Total Volume Pumped: 3600 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: -0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Partly cloudy, 80s, humid

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
5/22/2024 1:27PM	00:00	7.85 pH	24.54 °C	545.36 µS/cm	0.87 mg/L	0.29 NTU	105.7 mV	43.89 ft	100.00 ml/min
5/22/2024 1:30PM	03:00	7.90 pH	26.08 °C	567.79 µS/cm	0.00 mg/L	1.33 NTU	-36.7 mV	43.89 ft	100.00 ml/min
5/22/2024 1:33PM	06:00	7.81 pH	25.92 °C	599.16 µS/cm	0.00 mg/L	108.95 NTU	-74.9 mV	43.89 ft	100.00 ml/min
5/22/2024 1:36PM	09:00	7.77 pH	25.42 °C	607.56 µS/cm	0.00 mg/L	320.23 NTU	-75.2 mV	43.89 ft	100.00 ml/min
5/22/2024 1:39PM	12:00	7.72 pH	25.41 °C	611.61 µS/cm	0.00 mg/L	643.38 NTU	-70.9 mV	43.89 ft	100.00 ml/min
5/22/2024 1:42PM	15:00	7.68 pH	25.36 °C	617.14 µS/cm	0.22 mg/L	2,433.8 NTU	-60.5 mV	43.89 ft	100.00 ml/min
5/22/2024 1:45PM	18:00	7.65 pH	25.62 °C	620.06 µS/cm	0.54 mg/L	5,131.8 NTU	-49.3 mV	43.89 ft	100.00 ml/min
5/22/2024 1:48PM	21:00	7.63 pH	25.08 °C	617.69 µS/cm	1.05 mg/L	6,150.9 NTU	-34.0 mV	43.89 ft	100.00 ml/min
5/22/2024 1:51PM	24:00	7.61 pH	25.62 °C	622.57 µS/cm	1.44 mg/L	5,331.3 NTU	-20.0 mV	43.89 ft	100.00 ml/min
5/22/2024 1:54PM	27:00	7.60 pH	25.06 °C	617.59 µS/cm	1.73 mg/L	3,696.2 NTU	-7.4 mV	43.89 ft	100.00 ml/min
5/22/2024 1:57PM	30:00	7.60 pH	25.38 °C	619.70 µS/cm	1.68 mg/L	4,374.7 NTU	-1.2 mV	43.89 ft	100.00 ml/min
5/22/2024 2:00PM	33:00	7.59 pH	24.74 °C	617.48 µS/cm	1.54 mg/L	2,844.2 NTU	-1.2 mV	43.89 ft	100.00 ml/min
5/22/2024 2:03PM	36:00	7.59 pH	25.09 °C	618.59 µS/cm	1.54 mg/L	1,735.3 NTU	-1.1 mV	43.89 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-18	@215 Cloudy, no odor

Low-Flow Test Report:

Test Date / Time: 5/20/2024 2:22:12PM

Project: Advanced MW-19

Operator Name: AS

Location Name: Advanced MW-19 Latitude: 39.89555291 Longitude: -85.92418544 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 3.39 ft Total Depth: 13.39 ft Initial Depth to Water: 3.11 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 7 ft Estimated Total Volume Pumped: 2400 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: -0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Sunny, 80s, hot

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
5/20/2024 2:22PM	00:00	7.31 pH	18.82 °C	1,138.5 µS/cm	0.98 mg/L	314.87 NTU	18.5 mV	3.11 ft	100.00 ml/min
5/20/2024 2:25PM	03:00	7.31 pH	19.74 °C	1,141.9 µS/cm	0.65 mg/L	304.34 NTU	6.4 mV	3.11 ft	100.00 ml/min
5/20/2024 2:28PM	06:00	7.31 pH	20.26 °C	1,143.5 µS/cm	0.57 mg/L	410.08 NTU	1.4 mV	3.11 ft	100.00 ml/min
5/20/2024 2:31PM	09:00	7.30 pH	20.55 °C	1,143.3 µS/cm	0.50 mg/L	697.85 NTU	-1.2 mV	3.11 ft	100.00 ml/min
5/20/2024 2:34PM	12:00	7.30 pH	20.74 °C	1,143.0 µS/cm	0.44 mg/L	16.85 NTU	-2.8 mV	3.11 ft	100.00 ml/min
5/20/2024 2:37PM	15:00	7.29 pH	20.68 °C	1,140.5 µS/cm	0.40 mg/L	19.70 NTU	-4.3 mV	3.11 ft	100.00 ml/min
5/20/2024 2:40PM	18:00	7.28 pH	20.46 °C	1,142.7 µS/cm	0.47 mg/L	161.31 NTU	-4.6 mV	3.11 ft	100.00 ml/min
5/20/2024 2:43PM	21:00	7.27 pH	20.47 °C	1,139.4 µS/cm	0.56 mg/L	129.55 NTU	-5.1 mV	3.11 ft	100.00 ml/min
5/20/2024 2:46PM	24:00	7.26 pH	20.41 °C	1,149.5 µS/cm	0.63 mg/L	132.29 NTU	-5.5 mV	3.11 ft	100.00 ml/min

Samples

Sample ID:	Description:
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MW-19	@250
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Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 5/20/2024 1:43:20PM

Project: Advanced MW-20

Operator Name: AS

Location Name: Advanced MW-20 Latitude: 39.89554288 Longitude: -85.92400041 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 2.29 ft Total Depth: 12.29 ft Initial Depth to Water: 3.21 ft	Pump Type: QED micro purge Tubing Type: Skip bond teflon Pump Intake From TOC: 7 ft Estimated Total Volume Pumped: 2100 ml Flow Cell Volume: 130 ml Final Flow Rate: 100 ml/min Final Draw Down: 0.3 ft	Instrument Used: Aqua TROLL 500 Serial Number: 963392
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Test Notes:

Weather Conditions:

Sunny, 80s, hot

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
5/20/2024 1:43PM	00:00	6.83 pH	19.14 °C	1,694.2 µS/cm	1.12 mg/L	33.53 NTU	28.8 mV	3.21 ft	100.00 ml/min
5/20/2024 1:46PM	03:00	6.84 pH	20.56 °C	1,744.5 µS/cm	0.65 mg/L	33.86 NTU	2.3 mV	3.21 ft	100.00 ml/min
5/20/2024 1:49PM	06:00	6.84 pH	20.63 °C	1,759.5 µS/cm	0.49 mg/L	24.24 NTU	-9.7 mV	3.21 ft	100.00 ml/min
5/20/2024 1:52PM	09:00	6.84 pH	20.43 °C	1,763.3 µS/cm	0.39 mg/L	27.17 NTU	-17.7 mV	3.21 ft	100.00 ml/min
5/20/2024 1:55PM	12:00	6.84 pH	20.55 °C	1,770.2 µS/cm	0.35 mg/L	31.87 NTU	-23.9 mV	3.21 ft	100.00 ml/min
5/20/2024 1:58PM	15:00	6.83 pH	20.51 °C	1,777.0 µS/cm	0.29 mg/L	44.99 NTU	-28.7 mV	3.21 ft	100.00 ml/min
5/20/2024 2:01PM	18:00	6.82 pH	20.34 °C	1,783.9 µS/cm	0.25 mg/L	64.29 NTU	-32.0 mV	3.21 ft	100.00 ml/min
5/20/2024 2:04PM	21:00	6.80 pH	20.44 °C	1,818.6 µS/cm	0.24 mg/L	76.58 NTU	-34.4 mV	3.21 ft	100.00 ml/min

Samples

Sample ID:	Description:
MW-20	@215

APPENDIX E

Analytical Laboratory Reports

Soil Analytical Laboratory Reports



ENVision Laboratories, Inc.
1439 Sadlier Circle West Drive
Indianapolis, IN 46239
Tel: 317.351.8632
Fax: 317.351.8639
www.envisionlaboratories.com

Mr. Ron Price
Lynn Douglas, Inc.
PO Box 4405
275 Medical Drive
Carmel, IN 46082

December 7, 2023

ENVision Project Number: 2023-2442
Client Project Name: Advanced Finishing

Dear Mr. Price,

Please find the attached analytical report for the samples received November 30, 2023. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

The reference for the preservation technique utilized by ENVision Laboratories for Volatile Organics in soil may be found on Table A.1 (p. 42) of Method 5035A: Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples, July 2002, Draft Revision 1.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. ENVision Laboratories looks forward to working with you on your next project.

Yours Sincerely,

A handwritten signature in black ink that reads 'Cheryl A. Crum'. The signature is written in a cursive style with a large, looped 'C' at the beginning.

Cheryl A. Crum

Director of Project Management
ENVision Laboratories, Inc.



Client Name: LYNN DOUGLAS, INC.
Project ID: ADVANCED FINISHING
Client Project Manager: RON PRICE
ENVision Project Number: 2023-2442

Analytical Method: EPA 8260
Prep Method: EPA 5035A
Analytical Batch: 120423VS

Client Sample ID: MW-16 (10') **Sample Collection Date/Time:** 11/28/23 15:15
Envision Sample Number: 23-19948 **Sample Received Date/Time:** 11/30/23 10:56
Sample Matrix: soil

Compounds	Sample Results (mg/kg)	Rep. Limit (mg/kg)	Flags
Acetone	< 0.111	0.111	
Acrolein	< 0.00019	0.001	1
Acrylonitrile	< 0.002	0.002	
Benzene	< 0.006	0.006	
Bromobenzene	< 0.006	0.006	
Bromochloromethane	< 0.006	0.006	
Bromodichloromethane	< 0.006	0.006	
Bromoform	< 0.006	0.006	
Bromomethane	< 0.006	0.006	
n-Butanol	< 0.056	0.056	
2-Butanone (MEK)	< 0.011	0.011	
n-Butylbenzene	< 0.006	0.006	
sec-Butylbenzene	< 0.006	0.006	
tert-Butylbenzene	< 0.006	0.006	
Carbon Disulfide	< 0.006	0.006	
Carbon Tetrachloride	< 0.006	0.006	
Chlorobenzene	< 0.006	0.006	
Chloroethane	< 0.006	0.006	
2-Chloroethylvinylether	< 0.056	0.056	
Chloroform	< 0.006	0.006	
Chloromethane	< 0.006	0.006	
2-Chlorotoluene	< 0.006	0.006	
4-Chlorotoluene	< 0.006	0.006	
1,2-Dibromo-3-chloropropane	< 0.0019	0.0019	
Dibromochloromethane	< 0.006	0.006	
1,2-Dibromoethane (EDB)	< 0.00031	0.001	1
Dibromomethane	< 0.006	0.006	
1,2-Dichlorobenzene	< 0.006	0.006	
1,3-Dichlorobenzene	< 0.006	0.006	
1,4-Dichlorobenzene	< 0.006	0.006	
trans-1,4-Dichloro-2-butene	< 0.006	0.006	
Dichlorodifluoromethane	< 0.006	0.006	
1,1-Dichloroethane	< 0.006	0.006	
1,2-Dichloroethane	< 0.006	0.006	
1,1-Dichloroethene	< 0.006	0.006	



8260 continued...

Compounds	Sample Results (mg/kg)	Rep. Limit (mg/kg)	Flags
cis-1,2-Dichloroethene	< 0.006	0.006	
trans-1,2-Dichloroethene	< 0.006	0.006	
1,2-Dichloropropane	< 0.006	0.006	
1,3-Dichloropropane	< 0.006	0.006	
2,2-Dichloropropane	< 0.006	0.006	
1,1-Dichloropropene	< 0.006	0.006	
1,3-Dichloropropene	< 0.006	0.006	
Ethylbenzene	< 0.006	0.006	
Ethyl methacrylate	< 0.111	0.111	
Hexachloro-1,3-butadiene	< 0.006	0.006	
n-Hexane	< 0.011	0.011	
2-Hexanone	< 0.011	0.011	
Iodomethane	< 0.011	0.011	
Isopropylbenzene (Cumene)	< 0.006	0.006	
p-Isopropyltoluene	< 0.006	0.006	
Methylene chloride	< 0.022	0.022	
4-Methyl-2-pentanone (MIBK)	< 0.011	0.011	
Methyl-tert-butyl-ether	< 0.006	0.006	
1-Methylnaphthalene	< 0.006	0.006	
2-Methylnaphthalene	< 0.006	0.006	
Naphthalene	< 0.006	0.006	
n-Propylbenzene	< 0.006	0.006	
Styrene	< 0.006	0.006	
1,1,1,2-Tetrachloroethane	< 0.006	0.006	
1,1,2,2-Tetrachloroethane	< 0.006	0.006	
Tetrachloroethene	< 0.006	0.006	
Toluene	< 0.006	0.006	
1,2,3-Trichlorobenzene	< 0.006	0.006	
1,2,4-Trichlorobenzene	< 0.006	0.006	
1,1,1-Trichloroethane	< 0.006	0.006	
1,1,2-Trichloroethane	< 0.006	0.006	
Trichloroethene	0.0305	0.006	
Trichlorofluoromethane	< 0.006	0.006	
1,2,3-Trichloropropane	< 0.006	0.006	
1,2,4-Trimethylbenzene	< 0.006	0.006	
1,3,5-Trimethylbenzene	< 0.006	0.006	
Vinyl acetate	< 0.011	0.011	
Vinyl chloride	< 0.002	0.002	
Xylene, M&P	< 0.006	0.006	
Xylene, Ortho	< 0.006	0.006	
Xylene, Total	< 0.011	0.011	
Dibromofluoromethane (surrogate)	111%		
1,2-Dichloroethane-d4 (surrogate)	115%		
Toluene-d8 (surrogate)	95%		
4-bromofluorobenzene (surrogate)	91%		
Analysis Date/Time:	12-4-23/10:12		
Analyst Initials	tjg		
Percent Solids:	90%		

All results reported on dry weight basis.



Client Name: LYNN DOUGLAS, INC.
Project ID: ADVANCED FINISHING
Client Project Manager: RON PRICE
ENVision Project Number: 2023-2442

Client Sample ID: MW-16 (10') **Sample Collection Date/Time:** 11/28/23 15:15
Envision Sample Number: 23-19948 **Sample Received Date/Time:** 11/30/23 10:56
Sample Matrix: soil

<u>Analyte</u>	<u>Sample Results</u>	<u>Flags</u>	<u>Method</u>
Percent Moisture	10.0%		EPA 1684
Percent Solids	90.0%		EPA 1684
Analysis Date:	12/1/23		
Analyst Initials	NR		



Client Name: LYNN DOUGLAS, INC.
Project ID: ADVANCED FINISHING
Client Project Manager: RON PRICE
ENVision Project Number: 2023-2442

Analytical Method: EPA 8260
Prep Method: EPA 5035A
Analytical Batch: 120423VS

Client Sample ID: MW-17 (6.5') **Sample Collection Date/Time:** 11/30/23 9:40
Envision Sample Number: 23-19949 **Sample Received Date/Time:** 11/30/23 10:56
Sample Matrix: soil

Compounds	Sample Results (mg/kg)	Rep. Limit (mg/kg)	Flags
Acetone	< 0.116	0.116	
Acrolein	< 0.00020	0.001	1
Acrylonitrile	< 0.002	0.002	
Benzene	< 0.006	0.006	
Bromobenzene	< 0.006	0.006	
Bromochloromethane	< 0.006	0.006	
Bromodichloromethane	< 0.006	0.006	
Bromoform	< 0.006	0.006	
Bromomethane	< 0.006	0.006	
n-Butanol	< 0.058	0.058	
2-Butanone (MEK)	< 0.012	0.012	
n-Butylbenzene	< 0.006	0.006	
sec-Butylbenzene	< 0.006	0.006	
tert-Butylbenzene	< 0.006	0.006	
Carbon Disulfide	< 0.006	0.006	
Carbon Tetrachloride	< 0.006	0.006	
Chlorobenzene	< 0.006	0.006	
Chloroethane	< 0.006	0.006	
2-Chloroethylvinylether	< 0.058	0.058	
Chloroform	< 0.006	0.006	
Chloromethane	< 0.006	0.006	
2-Chlorotoluene	< 0.006	0.006	
4-Chlorotoluene	< 0.006	0.006	
1,2-Dibromo-3-chloropropane	< 0.0020	0.0020	
Dibromochloromethane	< 0.006	0.006	
1,2-Dibromoethane (EDB)	< 0.00033	0.001	1
Dibromomethane	< 0.006	0.006	
1,2-Dichlorobenzene	< 0.006	0.006	
1,3-Dichlorobenzene	< 0.006	0.006	
1,4-Dichlorobenzene	< 0.006	0.006	
trans-1,4-Dichloro-2-butene	< 0.006	0.006	
Dichlorodifluoromethane	< 0.006	0.006	
1,1-Dichloroethane	< 0.006	0.006	
1,2-Dichloroethane	< 0.006	0.006	
1,1-Dichloroethene	< 0.006	0.006	



8260 continued...

Compounds	Sample Results (mg/kg)	Rep. Limit (mg/kg)	Flags
cis-1,2-Dichloroethene	< 0.006	0.006	
trans-1,2-Dichloroethene	< 0.006	0.006	
1,2-Dichloropropane	< 0.006	0.006	
1,3-Dichloropropane	< 0.006	0.006	
2,2-Dichloropropane	< 0.006	0.006	
1,1-Dichloropropene	< 0.006	0.006	
1,3-Dichloropropene	< 0.006	0.006	
Ethylbenzene	< 0.006	0.006	
Ethyl methacrylate	< 0.116	0.116	
Hexachloro-1,3-butadiene	< 0.006	0.006	
n-Hexane	< 0.012	0.012	
2-Hexanone	< 0.012	0.012	
Iodomethane	< 0.012	0.012	
Isopropylbenzene (Cumene)	< 0.006	0.006	
p-Isopropyltoluene	< 0.006	0.006	
Methylene chloride	< 0.023	0.023	
4-Methyl-2-pentanone (MIBK)	< 0.012	0.012	
Methyl-tert-butyl-ether	< 0.006	0.006	
1-Methylnaphthalene	< 0.006	0.006	
2-Methylnaphthalene	< 0.006	0.006	
Naphthalene	< 0.006	0.006	
n-Propylbenzene	< 0.006	0.006	
Styrene	< 0.006	0.006	
1,1,1,2-Tetrachloroethane	< 0.006	0.006	
1,1,2,2-Tetrachloroethane	< 0.006	0.006	
Tetrachloroethene	< 0.006	0.006	
Toluene	< 0.006	0.006	
1,2,3-Trichlorobenzene	< 0.006	0.006	
1,2,4-Trichlorobenzene	< 0.006	0.006	
1,1,1-Trichloroethane	< 0.006	0.006	
1,1,2-Trichloroethane	< 0.006	0.006	
Trichloroethene	0.0238	0.006	
Trichlorofluoromethane	< 0.006	0.006	
1,2,3-Trichloropropane	< 0.006	0.006	
1,2,4-Trimethylbenzene	< 0.006	0.006	
1,3,5-Trimethylbenzene	< 0.006	0.006	
Vinyl acetate	< 0.012	0.012	
Vinyl chloride	< 0.002	0.002	
Xylene, M&P	< 0.006	0.006	
Xylene, Ortho	< 0.006	0.006	
Xylene, Total	< 0.012	0.012	
Dibromofluoromethane (surrogate)	115%		
1,2-Dichloroethane-d4 (surrogate)	110%		
Toluene-d8 (surrogate)	95%		
4-bromofluorobenzene (surrogate)	86%		
Analysis Date/Time:	12-4-23/10:28		
Analyst Initials	tjg		
Percent Solids:	86%		

All results reported on dry weight basis.



Client Name: LYNN DOUGLAS, INC.
Project ID: ADVANCED FINISHING
Client Project Manager: RON PRICE
ENVision Project Number: 2023-2442

Client Sample ID: MW-17 (6.5') **Sample Collection Date/Time:** 11/30/23 9:40
Envision Sample Number: 23-19949 **Sample Received Date/Time:** 11/30/23 10:56
Sample Matrix: soil

<u>Analyte</u>	<u>Sample Results</u>	<u>Flags</u>	<u>Method</u>
Percent Moisture	14.0%		EPA 1684
Percent Solids	86.0%		EPA 1684
Analysis Date:	12/1/23		
Analyst Initials	NR		



Client Name: LYNN DOUGLAS, INC.
Project ID: ADVANCED FINISHING
Client Project Manager: RON PRICE
ENVision Project Number: 2023-2442

Analytical Method: EPA 8260
Prep Method: EPA 5035A
Analytical Batch: 120423VS

Client Sample ID: DUP **Sample Collection Date/Time:** 11/30/23
Envision Sample Number: 23-19950 **Sample Received Date/Time:** 11/30/23 10:56
Sample Matrix: soil

Compounds	Sample Results (mg/kg)	Rep. Limit (mg/kg)	Flags
Acetone	< 0.118	0.118	
Acrolein	< 0.00020	0.001	1
Acrylonitrile	< 0.002	0.002	
Benzene	< 0.006	0.006	
Bromobenzene	< 0.006	0.006	
Bromochloromethane	< 0.006	0.006	
Bromodichloromethane	< 0.006	0.006	
Bromoform	< 0.006	0.006	
Bromomethane	< 0.006	0.006	
n-Butanol	< 0.059	0.059	
2-Butanone (MEK)	< 0.012	0.012	
n-Butylbenzene	< 0.006	0.006	
sec-Butylbenzene	< 0.006	0.006	
tert-Butylbenzene	< 0.006	0.006	
Carbon Disulfide	< 0.006	0.006	
Carbon Tetrachloride	< 0.006	0.006	
Chlorobenzene	< 0.006	0.006	
Chloroethane	< 0.006	0.006	
2-Chloroethylvinylether	< 0.059	0.059	
Chloroform	< 0.006	0.006	
Chloromethane	< 0.006	0.006	
2-Chlorotoluene	< 0.006	0.006	
4-Chlorotoluene	< 0.006	0.006	
1,2-Dibromo-3-chloropropane	< 0.0020	0.0020	
Dibromochloromethane	< 0.006	0.006	
1,2-Dibromoethane (EDB)	< 0.00033	0.001	1
Dibromomethane	< 0.006	0.006	
1,2-Dichlorobenzene	< 0.006	0.006	
1,3-Dichlorobenzene	< 0.006	0.006	
1,4-Dichlorobenzene	< 0.006	0.006	
trans-1,4-Dichloro-2-butene	< 0.006	0.006	
Dichlorodifluoromethane	< 0.006	0.006	
1,1-Dichloroethane	< 0.006	0.006	
1,2-Dichloroethane	< 0.006	0.006	
1,1-Dichloroethene	< 0.006	0.006	



8260 continued...

Compounds	Sample Results (mg/kg)	Rep. Limit (mg/kg)	Flags
cis-1,2-Dichloroethene	< 0.006	0.006	
trans-1,2-Dichloroethene	< 0.006	0.006	
1,2-Dichloropropane	< 0.006	0.006	
1,3-Dichloropropane	< 0.006	0.006	
2,2-Dichloropropane	< 0.006	0.006	
1,1-Dichloropropene	< 0.006	0.006	
1,3-Dichloropropene	< 0.006	0.006	
Ethylbenzene	< 0.006	0.006	
Ethyl methacrylate	< 0.118	0.118	
Hexachloro-1,3-butadiene	< 0.006	0.006	
n-Hexane	< 0.012	0.012	
2-Hexanone	< 0.012	0.012	
Iodomethane	< 0.012	0.012	
Isopropylbenzene (Cumene)	< 0.006	0.006	
p-Isopropyltoluene	< 0.006	0.006	
Methylene chloride	< 0.024	0.024	
4-Methyl-2-pentanone (MIBK)	< 0.012	0.012	
Methyl-tert-butyl-ether	< 0.006	0.006	
1-Methylnaphthalene	< 0.006	0.006	
2-Methylnaphthalene	< 0.006	0.006	
Naphthalene	< 0.006	0.006	
n-Propylbenzene	< 0.006	0.006	
Styrene	< 0.006	0.006	
1,1,1,2-Tetrachloroethane	< 0.006	0.006	
1,1,2,2-Tetrachloroethane	< 0.006	0.006	
Tetrachloroethene	< 0.006	0.006	
Toluene	< 0.006	0.006	
1,2,3-Trichlorobenzene	< 0.006	0.006	
1,2,4-Trichlorobenzene	< 0.006	0.006	
1,1,1-Trichloroethane	< 0.006	0.006	
1,1,2-Trichloroethane	< 0.006	0.006	
Trichloroethene	0.0219	0.006	
Trichlorofluoromethane	< 0.006	0.006	
1,2,3-Trichloropropane	< 0.006	0.006	
1,2,4-Trimethylbenzene	< 0.006	0.006	
1,3,5-Trimethylbenzene	< 0.006	0.006	
Vinyl acetate	< 0.012	0.012	
Vinyl chloride	< 0.002	0.002	
Xylene, M&P	< 0.006	0.006	
Xylene, Ortho	< 0.006	0.006	
Xylene, Total	< 0.012	0.012	
Dibromofluoromethane (surrogate)	109%		
1,2-Dichloroethane-d4 (surrogate)	113%		
Toluene-d8 (surrogate)	98%		
4-bromofluorobenzene (surrogate)	89%		
Analysis Date/Time:	12-4-23/12:35		
Analyst Initials	tjg		
Percent Solids:	85%		

All results reported on dry weight basis.



Client Name: LYNN DOUGLAS, INC.
Project ID: ADVANCED FINISHING
Client Project Manager: RON PRICE
ENVision Project Number: 2023-2442

Client Sample ID: DUP
Envision Sample Number: 23-19950
Sample Matrix: soil

Sample Collection Date/Time: 11/30/23
Sample Received Date/Time: 11/30/23 10:56

<u>Analyte</u>	<u>Sample Results</u>	<u>Flags</u>	<u>Method</u>
Percent Moisture	15.0%		EPA 1684
Percent Solids	85.0%		EPA 1684
Analysis Date:	12/1/23		
Analyst Initials	NR		



Analytical Report

Client Name: LYNN DOUGLAS, INC.
Project ID: ADVANCED FINISHING
Client Project Manager: RON PRICE
ENVision Project Number: 2023-2442

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 120123VW

Client Sample ID: TRIP BLANK **Sample Collection Date/Time:** 11/28/23 7:30
Envision Sample Number: 23-19951 **Sample Received Date/Time:** 11/30/23 10:56
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	113%		
1,2-Dichloroethane-d4 (surrogate)	97%		
Toluene-d8 (surrogate)	101%		
4-bromofluorobenzene (surrogate)	112%		
Analysis Date/Time:	12-1-23/18:06		
Analyst Initials	tjg		



EPA 8260 Quality Control Data

ENVision Batch Number: 120423VS

<u>Method Blank (MB):</u>	<u>MB Results (ug/kg)</u>	<u>Rep Lim (ug/kg)</u>	<u>Flag</u>
Acetone	< 100	100	
Acrolein	< 0.17	1	1
Acrylonitrile	< 2	2	
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1.7	1.7	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 0.28	1	1
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 5	5	
Dichlorodifluoromethane	< 5	5	
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 5	5	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	



ENVision Laboratories, Inc.
 1439 Sadlier Circle West Drive
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8260 QC Continued...

<u>Method Blank (MB)</u>	<u>MB Results (ug/kg)</u>	<u>Rep Lim (ug/kg)</u>	<u>Flag</u>
Hexachloro-1,3-butadiene	< 5	5	
2-Hexanone	< 10	10	
n-Hexane	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 20	20	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 5	5	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 5	5	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylenes, Total	< 10	10	
Dibromofluoromethane (surrogate)	100%		
1,2-Dichloroethane-d4 (surrogate)	104%		
Toluene-d8 (surrogate)	102%		
4-bromofluorobenzene (surrogate)	93%		
Analysis Date/Time:	12-4-23/05:54		
Analyst Initials	tjg		



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8260 QC Continued...

<u>LCS/LCSD:</u>	<u>LCS Results (ug/kg)</u>	<u>LCS/LCSD Conc. (ug/kg)</u>	<u>LCSD Result (ug/kg)</u>	<u>LCS Rec.</u>	<u>LCSD Rec.</u>	<u>% D</u>	<u>Flag</u>
Vinyl Chloride	53.1	50	51.8	106%	104%	2.5	
1,1-Dichloroethene	52.8	50	49.4	106%	99%	6.7	
trans-1,2-Dichloroethene	46.3	50	46.6	93%	93%	0.6	
Methyl-tert-butyl ether	51.0	50	50.4	102%	101%	1.2	
1,1-Dichloroethane	48.9	50	47.9	98%	96%	2.1	
cis-1,2-Dichloroethene	52.6	50	45.8	105%	92%	13.8	
Chloroform	49.1	50	47.6	98%	95%	3.1	
1,1,1-Trichloroethane	52.2	50	51.0	104%	102%	2.3	
Benzene	53.6	50	52.3	107%	105%	2.5	
Trichloroethene	50.5	50	48.5	101%	97%	4.0	
Toluene	49.0	50	47.3	98%	95%	3.5	
1,1,1,2-Tetrachloroethane	45.2	50	50.8	90%	102%	11.7	
Chlorobenzene	48.8	50	49.7	98%	99%	1.8	
Ethylbenzene	50.9	50	51.4	102%	103%	1.0	
o-Xylene	49.6	50	50.5	99%	101%	1.8	
n-Propylbenzene	48.2	50	48.6	96%	97%	0.8	
Dibromofluoromethane (surrogate)	100%		102%				
1,2-Dichloroethane-d4 (surrogate)	109%		112%				
Toluene-d8 (surrogate)	106%		104%				
4-bromofluorobenzene (surrogate)	91%		95%				
Analysis Date/Time:	12-4-23/04:51		12-4-23/05:07				
Analyst Initials	tjg		tjg				



EPA 8260 Quality Control Data

ENVision Batch Number: 120123VW

<u>Method Blank (MB):</u>	<u>MB Results (ug/L)</u>	<u>Rep Lim (ug/L)</u>	<u>Flag</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	



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8260 QC Continued...

<u>Method Blank (MB):</u>	<u>MB Results (ug/L)</u>	<u>Rep Lim (ug/L)</u>	<u>Flag</u>
Hexachloro-1,3-butadiene	< 2.6	2.6	
2-Hexanone	< 10	10	
n-Hexane	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (total)	< 10	10	
Dibromofluoromethane (surrogate)	105%		
1,2-Dichloroethane-d4 (surrogate)	115%		
Toluene-d8 (surrogate)	105%		
4-bromofluorobenzene (surrogate)	98%		
Analysis Date/Time:	12-1-23/17:35		
Analyst Initials	tjg		



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8260 QC Continued...

<u>LCS/LCSD</u>	<u>LCS Results (ug/L)</u>	<u>LCS/LCSD Conc. (ug/L)</u>	<u>LCSD Result (ug/L)</u>	<u>LCS Rec.</u>	<u>LCSD Rec.</u>	<u>% D</u>	<u>Flag</u>
Vinyl Chloride	51.4	50	52.3	103%	105%	1.7	
1,1-Dichloroethene	51.6	50	51.5	103%	103%	0.2	
trans-1,2-Dichloroethene	51.8	50	50.9	104%	102%	1.8	
Methyl-tert-butyl-ether	46.3	50	50.7	93%	101%	9.1	
1,1-Dichloroethane	52.7	50	49.0	105%	98%	7.3	
cis-1,2-Dichloroethene	52.3	50	49.0	105%	98%	6.5	
Chloroform	47.6	50	46.1	95%	92%	3.2	
1,1,1-Trichloroethane	50.1	50	50.6	100%	101%	1.0	
Benzene	49.3	50	48.2	99%	96%	2.3	
Trichloroethene	50.3	50	49.1	101%	98%	2.4	
Toluene	48.3	50	48.2	97%	96%	0.2	
1,1,1,2-Tetrachloroethane	46.9	50	49.0	94%	98%	4.4	
Chlorobenzene	47.2	50	48.9	94%	98%	3.5	
Ethylbenzene	49.8	50	52.2	100%	104%	4.7	
o-Xylene	52.8	50	54.0	106%	108%	2.2	
n-Propylbenzene	49.9	50	52.6	100%	105%	5.3	
Dibromofluoromethane (surrogate)	101%		100%				
1,2-Dichloroethane-d4 (surrogate)	109%		104%				
Toluene-d8 (surrogate)	106%		101%				
4-bromofluorobenzene (surrogate)	108%		110%				
Analysis Date/Time:	12-1-23/16:31		12-1-23/17:03				
Analyst Initials	tjg		tjg				



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Flag Number

1

Comments

Reported value is below the reporting limit but above the MDL.



CHAIN OF CUSTODY RECORD

ENVISSION Laboratories, Inc. | 1439 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-8632 | Fax: (317) 351-8639

Client: Lynn Douglas, Inc.	Invoice Address:
Report Address: P.O. Box 4405 Carmel, IN 46082	Project Name: Advanced Finishing
Report To: Ron Price	Lab Contact:
Phone: (317) 739-7571	Sampled by: R.M.P.
Fax:	P.O. Number: 002-007
Desired TAT: (Please Circle One) 1-day 2-day 3-day Std (5-7 bus. days)	QA/QC Required: (circle if applicable) Level III Level IV

Sample Integrity:
 Cooler Temp: 3 °C
 Samples on Ice? Yes No
 Samples Intact? Yes No
 Custody Seal: Yes No
 ENVISSION provided bottles: Yes No
 VOC vials free of head-space: Yes No N/A
 pH checked? Yes No N/A
 Method 5035 collection used? Yes No
 5035 samples received within 48 hr of Collection? Yes No

Sample ID	Coll. Date	Coll. Time	Comp (C) Grab (G)	Matrix	Requested Parameters					ENVISSION Sample ID	
					HCl	HNO ₃	H ₂ SO ₄	NaOH	Other		None
IMW-16 (10')	11/28/23	3:15p	G	Soil							23-19948
IMW-17 (6.5')	11/30/23	9:40a	G	Soil							19949
DUP	11/30/23		G	Soil							19950
Trip Blank	11/28/23	7:50a	LAD prep	WATER							19951

0925 8260

Please indicate number of containers per preservative below

Comments: *and Reinquished by:*

Received by:	Date	Time
<i>J. Paulson</i>	<i>11/30</i>	<i>10:56</i>

5035 CHECK-IN SHEET

Client Name: LYNN DOUGLAS, INC.

ENVision project#: 2023-2442

Cooler Temp: 3°C

Method 5035A used: YES X NO

ENVision provided tared vials w/stir bars & Terra Core T-handles: YES X NO

5035A samples were received within 48 hrs of collection: YES X NO

5035A samples were frozen within 48 hrs of collection by lab: YES X NO
If NO, did client freeze samples? YES NO

5035A Table A.1 Reference:
Sample is extruded into an empty sealed vial and cooled to $4^{\circ} \pm 2^{\circ}\text{C}$ for no more than 48 hours then frozen to $< -7^{\circ}\text{C}$ upon laboratory receipt.

Methanol was added to a vial from each sample for Medium-Level dilution within 48 hrs of collection: YES X NO

5035A Table A.1 Reference:
Sample is extruded into an empty sealed vial and cooled to $4^{\circ} \pm 2^{\circ}\text{C}$ for no more than 48 hours then preserved with methanol upon laboratory receipt.

Performed by/Date: LISA DAULTON 11-30-23



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Mr. Ron Price
Lynn Douglas, Inc.
PO Box 4405
275 Medical Drive
Carmel, IN 46082

December 11, 2023

ENVision Project Number: 2023-2465
Client Project Name: Advanced

Dear Mr. Price,

Please find the attached analytical report for the samples received December 1, 2023. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

The reference for the preservation technique utilized by ENVision Laboratories for Volatile Organics in soil may be found on Table A.1 (p. 42) of Method 5035A: Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples, July 2002, Draft Revision 1.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. ENVision Laboratories looks forward to working with you on your next project.

Yours Sincerely,

A handwritten signature in black ink that reads "Cheryl A. Crum". The signature is written in a cursive style.

Cheryl A. Crum

Director of Project Management
ENVision Laboratories, Inc.



Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2023-2465

Analytical Method: EPA 8260
Prep Method: EPA 5035A
Analytical Batch: 120723VS

Client Sample ID: MW-18 (3') **Sample Collection Date/Time:** 2/1/15 15:45
Envision Sample Number: 23-20149 **Sample Received Date/Time:** 12/1/23 17:04
Sample Matrix: soil

Compounds	Sample Results (mg/kg)	Rep. Limit (mg/kg)	Flags
Acetone	< 0.118	0.118	
Acrolein	< 0.00020	0.001	1
Acrylonitrile	< 0.002	0.002	
Benzene	< 0.006	0.006	
Bromobenzene	< 0.006	0.006	
Bromochloromethane	< 0.006	0.006	
Bromodichloromethane	< 0.006	0.006	
Bromoform	< 0.006	0.006	
Bromomethane	< 0.006	0.006	
n-Butanol	< 0.059	0.059	
2-Butanone (MEK)	< 0.012	0.012	
n-Butylbenzene	< 0.006	0.006	
sec-Butylbenzene	< 0.006	0.006	
tert-Butylbenzene	< 0.006	0.006	
Carbon Disulfide	< 0.006	0.006	
Carbon Tetrachloride	< 0.006	0.006	
Chlorobenzene	< 0.006	0.006	
Chloroethane	< 0.006	0.006	
2-Chloroethylvinylether	< 0.059	0.059	
Chloroform	< 0.006	0.006	
Chloromethane	< 0.006	0.006	
2-Chlorotoluene	< 0.006	0.006	
4-Chlorotoluene	< 0.006	0.006	
1,2-Dibromo-3-chloropropane	< 0.0020	0.0020	
Dibromochloromethane	< 0.006	0.006	
1,2-Dibromoethane (EDB)	< 0.00033	0.001	1
Dibromomethane	< 0.006	0.006	
1,2-Dichlorobenzene	< 0.006	0.006	
1,3-Dichlorobenzene	< 0.006	0.006	
1,4-Dichlorobenzene	< 0.006	0.006	
trans-1,4-Dichloro-2-butene	< 0.006	0.006	
Dichlorodifluoromethane	< 0.006	0.006	
1,1-Dichloroethane	< 0.006	0.006	
1,2-Dichloroethane	< 0.006	0.006	
1,1-Dichloroethene	< 0.006	0.006	



8260 continued...

Compounds	Sample Results (mg/kg)	Rep. Limit (mg/kg)	Flags
cis-1,2-Dichloroethene	0.0810	0.006	
trans-1,2-Dichloroethene	< 0.006	0.006	
1,2-Dichloropropane	< 0.006	0.006	
1,3-Dichloropropane	< 0.006	0.006	
2,2-Dichloropropane	< 0.006	0.006	
1,1-Dichloropropene	< 0.006	0.006	
1,3-Dichloropropene	< 0.006	0.006	
Ethylbenzene	< 0.006	0.006	
Ethyl methacrylate	< 0.118	0.118	
Hexachloro-1,3-butadiene	< 0.006	0.006	
n-Hexane	< 0.012	0.012	
2-Hexanone	< 0.012	0.012	
Iodomethane	< 0.012	0.012	
Isopropylbenzene (Cumene)	< 0.006	0.006	
p-Isopropyltoluene	< 0.006	0.006	
Methylene chloride	< 0.024	0.024	
4-Methyl-2-pentanone (MIBK)	< 0.012	0.012	
Methyl-tert-butyl-ether	< 0.006	0.006	
1-Methylnaphthalene	< 0.006	0.006	
2-Methylnaphthalene	< 0.006	0.006	
Naphthalene	< 0.006	0.006	
n-Propylbenzene	< 0.006	0.006	
Styrene	< 0.006	0.006	
1,1,1,2-Tetrachloroethane	< 0.006	0.006	
1,1,2,2-Tetrachloroethane	< 0.006	0.006	
Tetrachloroethene	< 0.006	0.006	
Toluene	< 0.006	0.006	
1,2,3-Trichlorobenzene	< 0.006	0.006	
1,2,4-Trichlorobenzene	< 0.006	0.006	
1,1,1-Trichloroethane	< 0.006	0.006	
1,1,2-Trichloroethane	< 0.006	0.006	
Trichloroethene	2.56	0.294	2
Trichlorofluoromethane	< 0.006	0.006	
1,2,3-Trichloropropane	< 0.006	0.006	
1,2,4-Trimethylbenzene	< 0.006	0.006	
1,3,5-Trimethylbenzene	< 0.006	0.006	
Vinyl acetate	< 0.012	0.012	
Vinyl chloride	< 0.002	0.002	
Xylene, M&P	< 0.006	0.006	
Xylene, Ortho	< 0.006	0.006	
Xylene, Total	< 0.012	0.012	
Dibromofluoromethane (surrogate)	114%		
1,2-Dichloroethane-d4 (surrogate)	116%		
Toluene-d8 (surrogate)	92%		
4-bromofluorobenzene (surrogate)	93%		
Analysis Date/Time:	12-7-23/09:51		
Analyst Initials	tjg		

Percent Solids: 85%

All results reported on dry weight basis.



Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2023-2465

Client Sample ID: MW-18 (3') **Sample Collection Date/Time:** 2/1/23 15:45
Envision Sample Number: 23-20149 **Sample Received Date/Time:** 12/1/23 17:04
Sample Matrix: soil

<u>Analyte</u>	<u>Sample Results</u>	<u>Flags</u>	<u>Method</u>
Percent Moisture	15.0%		EPA 1684
Percent Solids	85.0%		EPA 1684
Analysis Date:	12/5/23		
Analyst Initials	NR		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2023-2465

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 120723VW

Client Sample ID: TB
Envision Sample Number: 23-20150
Sample Matrix: water
Sample Collection Date/Time:
Sample Received Date/Time: 12/1/23 17:04

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	95%		
1,2-Dichloroethane-d4 (surrogate)	92%		
Toluene-d8 (surrogate)	95%		
4-bromofluorobenzene (surrogate)	113%		
Analysis Date/Time:	12-8-23/00:47		
Analyst Initials	tjg		



EPA 8260 Quality Control Data

ENVision Batch Number: 120723VS

<u>Method Blank (MB):</u>	<u>MB Results (ug/kg)</u>	<u>Rep Lim (ug/kg)</u>	<u>Flag</u>
Acetone	< 100	100	
Acrolein	< 0.17	1	1
Acrylonitrile	< 2	2	
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1.7	1.7	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 0.28	1	1
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 5	5	
Dichlorodifluoromethane	< 5	5	
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 5	5	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	



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8260 QC Continued...

<u>Method Blank (MB)</u>	<u>MB Results (ug/kg)</u>	<u>Rep Lim (ug/kg)</u>	<u>Flag</u>
Hexachloro-1,3-butadiene	< 5	5	
2-Hexanone	< 10	10	
n-Hexane	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 20	20	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 5	5	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 5	5	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylenes, Total	< 10	10	
Dibromofluoromethane (surrogate)	96%		
1,2-Dichloroethane-d4 (surrogate)	92%		
Toluene-d8 (surrogate)	91%		
4-bromofluorobenzene (surrogate)	96%		
Analysis Date/Time:	12-7-23/08:00		
Analyst Initials	tjg		



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8260 QC Continued...

<u>LCS/LCSD:</u>	<u>LCS Results (ug/kg)</u>	<u>LCS/LCSD Conc. (ug/kg)</u>	<u>LCSD Result (ug/kg)</u>	<u>LCS Rec.</u>	<u>LCSD Rec.</u>	<u>% D</u>	<u>Flag</u>
Vinyl Chloride	48.5	50	48.0	97%	96%	1.0	
1,1-Dichloroethene	47.2	50	49.2	94%	98%	4.1	
trans-1,2-Dichloroethene	43.5	50	45.7	87%	91%	4.9	
Methyl-tert-butyl ether	46.0	50	49.1	92%	98%	6.5	
1,1-Dichloroethane	50.6	50	54.6	101%	109%	7.6	
cis-1,2-Dichloroethene	48.3	50	49.3	97%	99%	2.0	
Chloroform	46.2	50	48.6	92%	97%	5.1	
1,1,1-Trichloroethane	48.2	50	50.4	96%	101%	4.5	
Benzene	47.9	50	49.3	96%	99%	2.9	
Trichloroethene	49.2	50	51.8	98%	104%	5.1	
Toluene	48.5	50	51.4	97%	103%	5.8	
1,1,1,2-Tetrachloroethane	46.2	50	47.4	92%	95%	2.6	
Chlorobenzene	46.7	50	48.1	93%	96%	3.0	
Ethylbenzene	48.3	50	50.0	97%	100%	3.5	
o-Xylene	48.2	50	49.3	96%	99%	2.3	
n-Propylbenzene	48.9	50	49.9	98%	100%	2.0	
Dibromofluoromethane (surrogate)	96%		96%				
1,2-Dichloroethane-d4 (surrogate)	103%		103%				
Toluene-d8 (surrogate)	98%		97%				
4-bromofluorobenzene (surrogate)	97%		94%				
Analysis Date/Time:	12-7-23/07:13		12-7-23/07:28				
Analyst Initials	tjg		tjg				



EPA 8260 Quality Control Data

ENVision Batch Number: 120723VW

<u>Method Blank (MB):</u>	<u>MB Results (ug/L)</u>	<u>Rep Lim (ug/L)</u>	<u>Flag</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	



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8260 QC Continued...

<u>Method Blank (MB):</u>	<u>MB Results (ug/L)</u>	<u>Rep Lim (ug/L)</u>	<u>Flag</u>
Hexachloro-1,3-butadiene	< 2.6	2.6	
2-Hexanone	< 10	10	
n-Hexane	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (total)	< 10	10	
Dibromofluoromethane (surrogate)	93%		
1,2-Dichloroethane-d4 (surrogate)	86%		
Toluene-d8 (surrogate)	93%		
4-bromofluorobenzene (surrogate)	100%		
Analysis Date/Time:	12-7-23/19:18		
Analyst Initials	tjg		



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8260 QC Continued...

<u>LCS/LCSD</u>	<u>LCS Results (ug/L)</u>	<u>LCS/LCSD Conc. (ug/L)</u>	<u>LCSD Result (ug/L)</u>	<u>LCS Rec.</u>	<u>LCSD Rec.</u>	<u>% D</u>	<u>Flag</u>
Vinyl Chloride	49.6	50	49.4	99%	99%	0.4	
1,1-Dichloroethene	49.5	50	49.8	99%	100%	0.6	
trans-1,2-Dichloroethene	50.1	50	50.7	100%	101%	1.2	
Methyl-tert-butyl-ether	48.9	50	52.9	98%	106%	7.9	
1,1-Dichloroethane	50.1	50	50.3	100%	101%	0.4	
cis-1,2-Dichloroethene	51.6	50	50.4	103%	101%	2.4	
Chloroform	48.9	50	50.1	98%	100%	2.4	
1,1,1-Trichloroethane	51.5	50	51.4	103%	103%	0.2	
Benzene	51.2	50	51.9	102%	104%	1.4	
Trichloroethene	54.8	50	53.5	110%	107%	2.4	
Toluene	54.1	50	52.8	108%	106%	2.4	
1,1,1,2-Tetrachloroethane	49.4	50	46.0	99%	92%	7.1	
Chlorobenzene	49.4	50	45.4	99%	91%	8.4	
Ethylbenzene	51.3	50	46.8	103%	94%	9.2	
o-Xylene	51.1	50	47.4	102%	95%	7.5	
n-Propylbenzene	50.9	50	45.9	102%	92%	10.3	
Dibromofluoromethane (surrogate)	98%		104%				
1,2-Dichloroethane-d4 (surrogate)	104%		111%				
Toluene-d8 (surrogate)	104%		110%				
4-bromofluorobenzene (surrogate)	101%		99%				
Analysis Date/Time:	12-7-23/18:15		12-7-23/18:31				
Analyst Initials	tjg		tjg				



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Flag Number

1

Comments

Reported value is below the reporting limit but above the MDL.

5035 CHECK-IN SHEET

Client Name: LDI

ENVision project#: 2023-2465

Cooler Temp: 2°C

Method 5035A used: YES X NO

ENVision provided tared vials w/stir bars & Terra Core T-handles: YES X NO

5035A samples were received within 48 hrs of collection: YES X NO

5035A samples were frozen within 48 hrs of collection by lab: YES X NO

If NO, did client freeze samples? YES NO

5035A Table A.1 Reference:

Sample is extruded into an empty sealed vial and cooled to $4^{\circ} \pm 2^{\circ}\text{C}$ for no more than 48 hours then frozen to $< -7^{\circ}\text{C}$ upon laboratory receipt.

Methanol was added to a vial from each sample for Medium-Level dilution within 48 hrs of collection: YES X NO

5035A Table A.1 Reference:

Sample is extruded into an empty sealed vial and cooled to $4^{\circ} \pm 2^{\circ}\text{C}$ for no more than 48 hours then preserved with methanol upon laboratory receipt.

Performed by/Date: LISA DAULTON 12-01-23



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Mr. Ron Price
Lynn Douglas, Inc.
PO Box 4405
275 Medical Drive
Carmel, IN 46082

April 16, 2024

ENVision Project Number: 2024-717
Client Project Name: Advanced

Dear Mr. Price,

Please find the attached analytical report for the samples received April 9, 2024. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

The reference for the preservation technique utilized by ENVision Laboratories for Volatile Organics in soil may be found on Table A.1 (p. 42) of Method 5035A: Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples, July 2002, Draft Revision 1.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. ENVision Laboratories looks forward to working with you on your next project.

Yours Sincerely,

A handwritten signature in black ink that reads "Cheryl A. Crum". The signature is written in a cursive style.

Cheryl A. Crum

Director of Project Management
ENVision Laboratories, Inc.



Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-717

Analytical Method: EPA 8260
Prep Method: EPA 5035A
Analytical Batch: 041524CVS

Client Sample ID: MW-19 6' **Sample Collection Date/Time:** 4/9/24 10:35
Envision Sample Number: 24-4503 **Sample Received Date/Time:** 4/9/24 16:47
Sample Matrix: soil

Compounds	Sample Results (mg/kg)	Rep. Limit (mg/kg)	Flags
Acetone	< 0.115	0.115	
Acrolein	< 0.00020	0.001	1
Acrylonitrile	< 0.002	0.002	
Benzene	< 0.006	0.006	
Bromobenzene	< 0.006	0.006	
Bromochloromethane	< 0.006	0.006	
Bromodichloromethane	< 0.006	0.006	
Bromoform	< 0.006	0.006	
Bromomethane	< 0.006	0.006	
n-Butanol	< 0.057	0.057	
2-Butanone (MEK)	< 0.011	0.011	
n-Butylbenzene	< 0.006	0.006	
sec-Butylbenzene	< 0.006	0.006	
tert-Butylbenzene	< 0.006	0.006	
Carbon Disulfide	< 0.006	0.006	
Carbon Tetrachloride	< 0.006	0.006	
Chlorobenzene	< 0.006	0.006	
Chloroethane	< 0.006	0.006	
2-Chloroethylvinylether	< 0.057	0.057	
Chloroform	< 0.006	0.006	
Chloromethane	< 0.006	0.006	
2-Chlorotoluene	< 0.006	0.006	
4-Chlorotoluene	< 0.006	0.006	
1,2-Dibromo-3-chloropropane	< 0.0020	0.0020	
Dibromochloromethane	< 0.006	0.006	
1,2-Dibromoethane (EDB)	< 0.00032	0.001	1
Dibromomethane	< 0.006	0.006	
1,2-Dichlorobenzene	< 0.006	0.006	
1,3-Dichlorobenzene	< 0.006	0.006	
1,4-Dichlorobenzene	< 0.006	0.006	
trans-1,4-Dichloro-2-butene	< 0.006	0.006	
Dichlorodifluoromethane	< 0.006	0.006	
1,1-Dichloroethane	< 0.006	0.006	
1,2-Dichloroethane	< 0.006	0.006	
1,1-Dichloroethene	< 0.006	0.006	



8260 continued...

Compounds	Sample Results (mg/kg)	Rep. Limit (mg/kg)	Flags
cis-1,2-Dichloroethene	< 0.006	0.006	
trans-1,2-Dichloroethene	< 0.006	0.006	
1,2-Dichloropropane	< 0.006	0.006	
1,3-Dichloropropane	< 0.006	0.006	
2,2-Dichloropropane	< 0.006	0.006	
1,1-Dichloropropene	< 0.006	0.006	
1,3-Dichloropropene	< 0.006	0.006	
Ethylbenzene	< 0.006	0.006	
Ethyl methacrylate	< 0.115	0.115	
Hexachloro-1,3-butadiene	< 0.006	0.006	
n-Hexane	< 0.011	0.011	
2-Hexanone	< 0.011	0.011	
Iodomethane	< 0.011	0.011	
Isopropylbenzene (Cumene)	< 0.006	0.006	
p-Isopropyltoluene	< 0.006	0.006	
Methylene chloride	< 0.023	0.023	
4-Methyl-2-pentanone (MIBK)	< 0.011	0.011	
Methyl-tert-butyl-ether	< 0.006	0.006	
1-Methylnaphthalene	< 0.006	0.006	
2-Methylnaphthalene	< 0.006	0.006	
Naphthalene	< 0.006	0.006	
n-Propylbenzene	< 0.006	0.006	
Styrene	< 0.006	0.006	
1,1,1,2-Tetrachloroethane	< 0.006	0.006	
1,1,2,2-Tetrachloroethane	< 0.006	0.006	
Tetrachloroethene	< 0.006	0.006	
Toluene	< 0.006	0.006	
1,2,3-Trichlorobenzene	< 0.006	0.006	
1,2,4-Trichlorobenzene	< 0.006	0.006	
1,1,1-Trichloroethane	< 0.006	0.006	
1,1,2-Trichloroethane	< 0.006	0.006	
Trichloroethene	< 0.006	0.006	
Trichlorofluoromethane	< 0.006	0.006	
1,2,3-Trichloropropane	< 0.006	0.006	
1,2,4-Trimethylbenzene	< 0.006	0.006	
1,3,5-Trimethylbenzene	< 0.006	0.006	
Vinyl acetate	< 0.011	0.011	
Vinyl chloride	< 0.002	0.002	
Xylene, M&P	< 0.006	0.006	
Xylene, Ortho	< 0.006	0.006	
Xylene, Total	< 0.011	0.011	
Dibromofluoromethane (surrogate)	102%		
1,2-Dichloroethane-d4 (surrogate)	107%		
Toluene-d8 (surrogate)	84%		
4-bromofluorobenzene (surrogate)	89%		
Analysis Date/Time:	4-15-24/21:04		
Analyst Initials	tjg		

Percent Solids: 87%

All results reported on dry weight basis.



Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-717

Client Sample ID:	MW-19 6'	Sample Collection Date/Time:	4/9/24	10:35
Envision Sample Number:	24-4503	Sample Received Date/Time:	4/9/24	16:47
Sample Matrix:	soil			

<u>Analyte</u>	<u>Sample Results</u>	<u>Flags</u>	<u>Method</u>
Percent Moisture	13.0%		EPA 1684
Percent Solids	87.0%		EPA 1684
Analysis Date:	4/10/24		
Analyst Initials	NR		



Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-717

Analytical Method: EPA 8260
Prep Method: EPA 5035A
Analytical Batch: 041524CVS

Client Sample ID: MW-20 8' **Sample Collection Date/Time:** 4/9/24 11:40
Envision Sample Number: 24-4504 **Sample Received Date/Time:** 4/9/24 16:47
Sample Matrix: soil

Compounds	Sample Results (mg/kg)	Rep. Limit (mg/kg)	Flags
Acetone	< 0.111	0.111	
Acrolein	< 0.00019	0.001	1
Acrylonitrile	< 0.002	0.002	
Benzene	< 0.006	0.006	
Bromobenzene	< 0.006	0.006	
Bromochloromethane	< 0.006	0.006	
Bromodichloromethane	< 0.006	0.006	
Bromoform	< 0.006	0.006	
Bromomethane	< 0.006	0.006	
n-Butanol	< 0.056	0.056	
2-Butanone (MEK)	< 0.011	0.011	
n-Butylbenzene	< 0.006	0.006	
sec-Butylbenzene	< 0.006	0.006	
tert-Butylbenzene	< 0.006	0.006	
Carbon Disulfide	< 0.006	0.006	
Carbon Tetrachloride	< 0.006	0.006	
Chlorobenzene	< 0.006	0.006	
Chloroethane	< 0.006	0.006	
2-Chloroethylvinylether	< 0.056	0.056	
Chloroform	< 0.006	0.006	
Chloromethane	< 0.006	0.006	
2-Chlorotoluene	< 0.006	0.006	
4-Chlorotoluene	< 0.006	0.006	
1,2-Dibromo-3-chloropropane	< 0.0019	0.0019	
Dibromochloromethane	< 0.006	0.006	
1,2-Dibromoethane (EDB)	< 0.00031	0.001	1
Dibromomethane	< 0.006	0.006	
1,2-Dichlorobenzene	< 0.006	0.006	
1,3-Dichlorobenzene	< 0.006	0.006	
1,4-Dichlorobenzene	< 0.006	0.006	
trans-1,4-Dichloro-2-butene	< 0.006	0.006	
Dichlorodifluoromethane	< 0.006	0.006	
1,1-Dichloroethane	< 0.006	0.006	
1,2-Dichloroethane	< 0.006	0.006	
1,1-Dichloroethene	< 0.006	0.006	



8260 continued...

Compounds	Sample Results (mg/kg)	Rep. Limit (mg/kg)	Flags
cis-1,2-Dichloroethene	< 0.006	0.006	
trans-1,2-Dichloroethene	< 0.006	0.006	
1,2-Dichloropropane	< 0.006	0.006	
1,3-Dichloropropane	< 0.006	0.006	
2,2-Dichloropropane	< 0.006	0.006	
1,1-Dichloropropene	< 0.006	0.006	
1,3-Dichloropropene	< 0.006	0.006	
Ethylbenzene	< 0.006	0.006	
Ethyl methacrylate	< 0.111	0.111	
Hexachloro-1,3-butadiene	< 0.006	0.006	
n-Hexane	< 0.011	0.011	
2-Hexanone	< 0.011	0.011	
Iodomethane	< 0.011	0.011	
Isopropylbenzene (Cumene)	< 0.006	0.006	
p-Isopropyltoluene	< 0.006	0.006	
Methylene chloride	< 0.022	0.022	
4-Methyl-2-pentanone (MIBK)	< 0.011	0.011	
Methyl-tert-butyl-ether	< 0.006	0.006	
1-Methylnaphthalene	< 0.006	0.006	
2-Methylnaphthalene	< 0.006	0.006	
Naphthalene	< 0.006	0.006	
n-Propylbenzene	< 0.006	0.006	
Styrene	< 0.006	0.006	
1,1,1,2-Tetrachloroethane	< 0.006	0.006	
1,1,2,2-Tetrachloroethane	< 0.006	0.006	
Tetrachloroethene	< 0.006	0.006	
Toluene	< 0.006	0.006	
1,2,3-Trichlorobenzene	< 0.006	0.006	
1,2,4-Trichlorobenzene	< 0.006	0.006	
1,1,1-Trichloroethane	< 0.006	0.006	
1,1,2-Trichloroethane	< 0.006	0.006	
Trichloroethene	< 0.006	0.006	
Trichlorofluoromethane	< 0.006	0.006	
1,2,3-Trichloropropane	< 0.006	0.006	
1,2,4-Trimethylbenzene	< 0.006	0.006	
1,3,5-Trimethylbenzene	< 0.006	0.006	
Vinyl acetate	< 0.011	0.011	
Vinyl chloride	< 0.002	0.002	
Xylene, M&P	< 0.006	0.006	
Xylene, Ortho	< 0.006	0.006	
Xylene, Total	< 0.011	0.011	
Dibromofluoromethane (surrogate)	94%		
1,2-Dichloroethane-d4 (surrogate)	108%		
Toluene-d8 (surrogate)	88%		
4-bromofluorobenzene (surrogate)	114%		
Analysis Date/Time:	4-15-24/21:19		
Analyst Initials	tjg		

Percent Solids: 90%

All results reported on dry weight basis.



Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-717

Client Sample ID: MW-20 8' **Sample Collection Date/Time:** 4/9/24 11:40
Envision Sample Number: 24-4504 **Sample Received Date/Time:** 4/9/24 16:47
Sample Matrix: soil

<u>Analyte</u>	<u>Sample Results</u>	<u>Flags</u>	<u>Method</u>
Percent Moisture	10.0%		EPA 1684
Percent Solids	90.0%		EPA 1684
Analysis Date:	4/10/24		
Analyst Initials	NR		



Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-717

Analytical Method: EPA 8260
Prep Method: EPA 5035A
Analytical Batch: 041524CVS

Client Sample ID: DUP **Sample Collection Date/Time:** 4/9/24
Envision Sample Number: 24-4505 **Sample Received Date/Time:** 4/9/24 16:47
Sample Matrix: soil

Compounds	Sample Results (mg/kg)	Rep. Limit (mg/kg)	Flags
Acetone	< 0.114	0.114	
Acrolein	< 0.00019	0.001	1
Acrylonitrile	< 0.002	0.002	
Benzene	< 0.006	0.006	
Bromobenzene	< 0.006	0.006	
Bromochloromethane	< 0.006	0.006	
Bromodichloromethane	< 0.006	0.006	
Bromoform	< 0.006	0.006	
Bromomethane	< 0.006	0.006	
n-Butanol	< 0.057	0.057	
2-Butanone (MEK)	< 0.011	0.011	
n-Butylbenzene	< 0.006	0.006	
sec-Butylbenzene	< 0.006	0.006	
tert-Butylbenzene	< 0.006	0.006	
Carbon Disulfide	< 0.006	0.006	
Carbon Tetrachloride	< 0.006	0.006	
Chlorobenzene	< 0.006	0.006	
Chloroethane	< 0.006	0.006	
2-Chloroethylvinylether	< 0.057	0.057	
Chloroform	< 0.006	0.006	
Chloromethane	< 0.006	0.006	
2-Chlorotoluene	< 0.006	0.006	
4-Chlorotoluene	< 0.006	0.006	
1,2-Dibromo-3-chloropropane	< 0.0019	0.0019	
Dibromochloromethane	< 0.006	0.006	
1,2-Dibromoethane (EDB)	< 0.00032	0.001	1
Dibromomethane	< 0.006	0.006	
1,2-Dichlorobenzene	< 0.006	0.006	
1,3-Dichlorobenzene	< 0.006	0.006	
1,4-Dichlorobenzene	< 0.006	0.006	
trans-1,4-Dichloro-2-butene	< 0.006	0.006	
Dichlorodifluoromethane	< 0.006	0.006	
1,1-Dichloroethane	< 0.006	0.006	
1,2-Dichloroethane	< 0.006	0.006	
1,1-Dichloroethene	< 0.006	0.006	



8260 continued...

Compounds	Sample Results (mg/kg)	Rep. Limit (mg/kg)	Flags
cis-1,2-Dichloroethene	< 0.006	0.006	
trans-1,2-Dichloroethene	< 0.006	0.006	
1,2-Dichloropropane	< 0.006	0.006	
1,3-Dichloropropane	< 0.006	0.006	
2,2-Dichloropropane	< 0.006	0.006	
1,1-Dichloropropene	< 0.006	0.006	
1,3-Dichloropropene	< 0.006	0.006	
Ethylbenzene	< 0.006	0.006	
Ethyl methacrylate	< 0.114	0.114	
Hexachloro-1,3-butadiene	< 0.006	0.006	
n-Hexane	< 0.011	0.011	
2-Hexanone	< 0.011	0.011	
Iodomethane	< 0.011	0.011	
Isopropylbenzene (Cumene)	< 0.006	0.006	
p-Isopropyltoluene	< 0.006	0.006	
Methylene chloride	< 0.023	0.023	
4-Methyl-2-pentanone (MIBK)	< 0.011	0.011	
Methyl-tert-butyl-ether	< 0.006	0.006	
1-Methylnaphthalene	< 0.006	0.006	
2-Methylnaphthalene	< 0.006	0.006	
Naphthalene	< 0.006	0.006	
n-Propylbenzene	< 0.006	0.006	
Styrene	< 0.006	0.006	
1,1,1,2-Tetrachloroethane	< 0.006	0.006	
1,1,2,2-Tetrachloroethane	< 0.006	0.006	
Tetrachloroethene	< 0.006	0.006	
Toluene	< 0.006	0.006	
1,2,3-Trichlorobenzene	< 0.006	0.006	
1,2,4-Trichlorobenzene	< 0.006	0.006	
1,1,1-Trichloroethane	< 0.006	0.006	
1,1,2-Trichloroethane	< 0.006	0.006	
Trichloroethene	< 0.006	0.006	
Trichlorofluoromethane	< 0.006	0.006	
1,2,3-Trichloropropane	< 0.006	0.006	
1,2,4-Trimethylbenzene	< 0.006	0.006	
1,3,5-Trimethylbenzene	< 0.006	0.006	
Vinyl acetate	< 0.011	0.011	
Vinyl chloride	< 0.002	0.002	
Xylene, M&P	< 0.006	0.006	
Xylene, Ortho	< 0.006	0.006	
Xylene, Total	< 0.011	0.011	
Dibromofluoromethane (surrogate)	107%		
1,2-Dichloroethane-d4 (surrogate)	116%		
Toluene-d8 (surrogate)	85%		
4-bromofluorobenzene (surrogate)	113%		
Analysis Date/Time:	4-15-24/21:35		
Analyst Initials	tjg		

Percent Solids: 88%

All results reported on dry weight basis.



Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-717

Client Sample ID: DUP
Envision Sample Number: 24-4505
Sample Matrix: soil
Sample Collection Date/Time: 4/9/24
Sample Received Date/Time: 4/9/24 16:47

<u>Analyte</u>	<u>Sample Results</u>	<u>Flags</u>	<u>Method</u>
Percent Moisture	12.0%		EPA 1684
Percent Solids	88.0%		EPA 1684
Analysis Date:	4/10/24		
Analyst Initials	NR		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-717

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 041224VW

Client Sample ID: TRIP BLANK **Sample Collection Date/Time:** 4/9/24 7:00
Envision Sample Number: 24-4506 **Sample Received Date/Time:** 4/9/24 16:47
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	108%		
1,2-Dichloroethane-d4 (surrogate)	113%		
Toluene-d8 (surrogate)	100%		
4-bromofluorobenzene (surrogate)	107%		
Analysis Date/Time:	4-13-24/00:05		
Analyst Initials	tjg		



EPA 8260 Quality Control Data

ENVision Batch Number: 041524CVS

<u>Method Blank (MB):</u>	<u>MB Results (ug/kg)</u>	<u>Rep Lim (ug/kg)</u>	<u>Flag</u>
Acetone	< 100	100	
Acrolein	< 0.17	1	1
Acrylonitrile	< 2	2	
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1.7	1.7	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 0.28	1	1
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 5	5	
Dichlorodifluoromethane	< 5	5	
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 5	5	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	



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8260 QC Continued...

<u>Method Blank (MB)</u>	<u>MB Results (ug/kg)</u>	<u>Rep Lim (ug/kg)</u>	<u>Flag</u>
Hexachloro-1,3-butadiene	< 5	5	
2-Hexanone	< 10	10	
n-Hexane	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 20	20	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 5	5	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 5	5	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylenes, Total	< 10	10	
Dibromofluoromethane (surrogate)	115%		
1,2-Dichloroethane-d4 (surrogate)	110%		
Toluene-d8 (surrogate)	91%		
4-bromofluorobenzene (surrogate)	107%		
Analysis Date/Time:	4-15-24/20:48		
Analyst Initials	tjg		



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8260 QC Continued...

<u>LCS/LCSD:</u>	<u>LCS Results (ug/kg)</u>	<u>LCS/LCSD Conc. (ug/kg)</u>	<u>LCSD Result (ug/kg)</u>	<u>LCS Rec.</u>	<u>LCSD Rec.</u>	<u>% D</u>	<u>Flag</u>
Vinyl Chloride	54.1	50	49.7	108%	99%	8.5	
1,1-Dichloroethene	54.7	50	51.9	109%	104%	5.3	
trans-1,2-Dichloroethene	52.1	50	50.3	104%	101%	3.5	
Methyl-tert-butyl ether	49.5	50	50.5	99%	101%	2.0	
1,1-Dichloroethane	51.6	50	51.1	103%	102%	1.0	
cis-1,2-Dichloroethene	51.4	50	49.8	103%	100%	3.2	
Chloroform	50.9	50	51.0	102%	102%	0.2	
1,1,1-Trichloroethane	53.1	50	52.5	106%	105%	1.1	
Benzene	47.6	50	45.2	95%	90%	5.2	
Trichloroethene	52.0	50	51.6	104%	103%	0.8	
Toluene	50.1	50	47.1	100%	94%	6.2	
1,1,1,2-Tetrachloroethane	47.6	50	46.5	95%	93%	2.3	
Chlorobenzene	47.3	50	46.4	95%	93%	1.9	
Ethylbenzene	47.2	50	46.0	94%	92%	2.6	
o-Xylene	48.5	50	44.7	97%	89%	8.2	
n-Propylbenzene	46.2	50	44.6	92%	89%	3.5	
Dibromofluoromethane (surrogate)	107%		105%				
1,2-Dichloroethane-d4 (surrogate)	105%		102%				
Toluene-d8 (surrogate)	102%		97%				
4-bromofluorobenzene (surrogate)	89%		89%				
Analysis Date/Time:	4-15-24/19:45		4-15-24/20:01				
Analyst Initials	tjg		tjg				



EPA 8260 Quality Control Data

ENVision Batch Number: 041224VW

<u>Method Blank (MB):</u>	<u>MB Results (ug/L)</u>	<u>Rep Lim (ug/L)</u>	<u>Flag</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	



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8260 QC Continued...

<u>Method Blank (MB):</u>	<u>MB Results (ug/L)</u>	<u>Rep Lim (ug/L)</u>	<u>Flag</u>
Hexachloro-1,3-butadiene	< 2.6	2.6	
2-Hexanone	< 10	10	
n-Hexane	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (total)	< 10	10	
Dibromofluoromethane (surrogate)	106%		
1,2-Dichloroethane-d4 (surrogate)	102%		
Toluene-d8 (surrogate)	95%		
4-bromofluorobenzene (surrogate)	100%		
Analysis Date/Time:	4-12-24/16:25		
Analyst Initials	tjg		



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8260 QC Continued...

<u>LCS/LCSD</u>	<u>LCS Results (ug/L)</u>	<u>LCS/LCSD Conc. (ug/L)</u>	<u>LCSD Result (ug/L)</u>	<u>LCS Rec.</u>	<u>LCSD Rec.</u>	<u>% D</u>	<u>Flag</u>
Vinyl Chloride	52.2	50	51.9	104%	104%	0.6	
1,1-Dichloroethene	51.9	50	50.2	104%	100%	3.3	
trans-1,2-Dichloroethene	50.4	50	50.1	101%	100%	0.6	
Methyl-tert-butyl-ether	51.9	50	50.6	104%	101%	2.5	
1,1-Dichloroethane	53.2	50	49.4	106%	99%	7.4	
cis-1,2-Dichloroethene	50.5	50	50.1	101%	100%	0.8	
Chloroform	50.1	50	50.8	100%	102%	1.4	
1,1,1-Trichloroethane	50.4	50	51.6	101%	103%	2.4	
Benzene	51.5	50	53.1	103%	106%	3.1	
Trichloroethene	49.2	50	50.4	98%	101%	2.4	
Toluene	45.3	50	45.1	91%	90%	0.4	
1,1,1,2-Tetrachloroethane	50.2	50	50.7	100%	101%	1.0	
Chlorobenzene	51.4	50	51.2	103%	102%	0.4	
Ethylbenzene	48.6	50	49.0	97%	98%	0.8	
o-Xylene	49.8	50	44.4	100%	89%	11.5	
n-Propylbenzene	44.3	50	44.7	89%	89%	0.9	
Dibromofluoromethane (surrogate)	94%		96%				
1,2-Dichloroethane-d4 (surrogate)	95%		100%				
Toluene-d8 (surrogate)	98%		100%				
4-bromofluorobenzene (surrogate)	94%		105%				
Analysis Date/Time:	4-12-24/15:38		4-12-24/15:54				
Analyst Initials	tjg		tjg				



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Flag Number

1

Comments

Reported value is below the reporting limit but above the MDL.



CHAIN OF CUSTODY RECORD

ENVison Laboratories, Inc. | 1439 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-8632 | Fax: (317) 351-8639

Client: LDI	Invoice Address: 1416 Sadlier
Report Address: 1416 Sadlier Circle, Indianapolis, IN 46239	Project Name: Advanced
Report To: Ron	Lab Contact:
Phone: 317 835-3826	Sampled by: Ron / Andrew
Fax:	P.O. Number: 002-007

Desired TAT: (Please Circle One) 1-day 2-day 3-day 5d (5-7 bus. days)

QA/QC Required: (circle if applicable) Level III Level IV

Sample ID	Coll. Date	Coll. Time	Comp (C) Grab (G)	Matrix	HCl	HNO ₃	H ₂ SO ₄	NaOH	Other	None	ENVison Sample ID
MW-19 6'	4/9/24	10:35A	C	soil						X	24-4503
MW-20 8'	4/9/24	11:40A	C	soil						X	4504
DUP	4/9/24		C	soil						X	4505
Trip Blank	4/9/24	7:00A	Lab Prep	water	X						4506

REQUESTED PARAMETERS
 VOCs 260

Please indicate number of containers per preservative below

Sample Integrity: Cooler Temp: 3 °C

Samples on Ice? Yes No

Samples Intact? Yes No

Custody Seal: Yes No

ENVison provided bottles: Yes No

VOC vials free-of-head-space: Yes No N/A

pH checked? Yes No N/A

Method 5035 collection used? Yes No

5035 samples received within 48 hr of Collection? Yes No

Comments:

Relinquished by:	Date: <u>4/9/24</u>	Time: <u>4:47P</u>	Received by:	Date: <u>4/9/24</u>	Time: <u>10:47</u>
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5035 CHECK-IN SHEET

Client Name: LDI

ENVision project#: 2024-717

Cooler Temp: 3°C

Method 5035A used: YES NO

ENVision provided tared vials w/stir bars & Terra Core T-handles: YES NO

5035A samples were received within 48 hrs of collection: YES NO

5035A samples were frozen within 48 hrs of collection by lab: YES NO

If NO, did client freeze samples? YES NO

5035A Table A.1 Reference:

Sample is extruded into an empty sealed vial and cooled to $4^{\circ} \pm 2^{\circ}\text{C}$ for no more than 48 hours then frozen to $< -7^{\circ}\text{C}$ upon laboratory receipt.

Methanol was added to a vial from each sample for Medium-Level dilution within 48 hrs of collection: YES NO

5035A Table A.1 Reference:

Sample is extruded into an empty sealed vial and cooled to $4^{\circ} \pm 2^{\circ}\text{C}$ for no more than 48 hours then preserved with methanol upon laboratory receipt.

Performed by/Date: LISA DAULTON 04-09-24

Groundwater Analytical Laboratory Reports



December 27, 2023

Ray Milejczak
Lynn-Douglass
2633 East 136th Street
Carmel, IN 46033

RE: Project: Advanced Finishing
Pace Project No.: 50361868

Dear Ray Milejczak:

Enclosed are the analytical results for sample(s) received by the laboratory on December 15, 2023. 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,

Randal Rastorfer
randal.rastorfer@pacelabs.com
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Project Manager

Enclosures

cc: Accounts Payable, Lynn-Douglas, Inc.
Ron Price, Lynn Douglas
Andrew Shull, Lynn-Douglas



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Advanced Finishing

Pace Project No.: 50361868

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

Washington Dept of Ecology #: C1081

Wisconsin Laboratory #: 999788130

USDA Foreign Soil Permit #: 525-23-13-23119

USDA Compliance Agreement #: IN-SL-22-001

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Advanced Finishing

Pace Project No.: 50361868

Lab ID	Sample ID	Matrix	Date Collected	Date Received
50361868001	MW-1	Water	12/15/23 11:55	12/15/23 16:39
50361868002	MW-2	Water	12/15/23 13:25	12/15/23 16:39
50361868003	MW-3	Water	12/15/23 14:15	12/15/23 16:39
50361868004	MW-4	Water	12/15/23 12:45	12/15/23 16:39
50361868005	MW-5	Water	12/14/23 15:10	12/15/23 16:39
50361868006	MW-6	Water	12/14/23 15:55	12/15/23 16:39
50361868007	MW-7	Water	12/15/23 12:35	12/15/23 16:39
50361868008	MW-8	Water	12/14/23 16:20	12/15/23 16:39
50361868009	MW-9	Water	12/14/23 15:10	12/15/23 16:39
50361868010	MW-10	Water	12/15/23 11:40	12/15/23 16:39
50361868011	MW-11	Water	12/14/23 13:35	12/15/23 16:39
50361868012	MW-12	Water	12/14/23 12:10	12/15/23 16:39
50361868013	MW-13	Water	12/14/23 11:15	12/15/23 16:39
50361868014	MW-14	Water	12/14/23 13:00	12/15/23 16:39
50361868015	MW-15	Water	12/14/23 14:15	12/15/23 16:39
50361868016	MW-16	Water	12/15/23 10:45	12/15/23 16:39
50361868017	MW-17	Water	12/15/23 11:00	12/15/23 16:39
50361868018	MW-18	Water	12/15/23 13:40	12/15/23 16:39
50361868019	DUP	Water	12/15/23 08:00	12/15/23 16:39
50361868020	Trip Blank	Water	12/15/23 08:00	12/15/23 16:39

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Advanced Finishing

Pace Project No.: 50361868

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
50361868001	MW-1	EPA 5030/8260	DAP	75	PASI-I
50361868002	MW-2	EPA 5030/8260	DAP	75	PASI-I
50361868003	MW-3	EPA 5030/8260	DAP	75	PASI-I
50361868004	MW-4	EPA 5030/8260	DAP	75	PASI-I
50361868005	MW-5	EPA 5030/8260	DAP	75	PASI-I
50361868006	MW-6	EPA 5030/8260	DAP	75	PASI-I
50361868007	MW-7	EPA 5030/8260	DAP	75	PASI-I
50361868008	MW-8	EPA 5030/8260	DAP	75	PASI-I
50361868009	MW-9	EPA 5030/8260	DAP	75	PASI-I
50361868010	MW-10	EPA 5030/8260	DAP	75	PASI-I
50361868011	MW-11	EPA 5030/8260	DAP	75	PASI-I
50361868012	MW-12	EPA 5030/8260	DAP	75	PASI-I
50361868013	MW-13	EPA 5030/8260	DAP	75	PASI-I
50361868014	MW-14	EPA 5030/8260	DAP	75	PASI-I
50361868015	MW-15	EPA 5030/8260	DAP	75	PASI-I
50361868016	MW-16	EPA 5030/8260	DAP	75	PASI-I
50361868017	MW-17	EPA 5030/8260	DAP	75	PASI-I
50361868018	MW-18	EPA 5030/8260	DAP	75	PASI-I
50361868019	DUP	EPA 5030/8260	DAP	75	PASI-I
50361868020	Trip Blank	EPA 5030/8260	DAP	75	PASI-I

PASI-I = Pace Analytical Services - Indianapolis

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Advanced Finishing

Pace Project No.: 50361868

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50361868001	MW-1					
EPA 5030/8260	cis-1,2-Dichloroethene	144	ug/L	5.0	12/22/23 05:18	
EPA 5030/8260	trans-1,2-Dichloroethene	6.6	ug/L	5.0	12/22/23 05:18	
EPA 5030/8260	Naphthalene	4.4	ug/L	1.2	12/22/23 05:18	2d,C8
EPA 5030/8260	Trichloroethene	959	ug/L	50.0	12/22/23 15:08	
EPA 5030/8260	Vinyl chloride	3.2	ug/L	2.0	12/22/23 05:18	
50361868002	MW-2					
EPA 5030/8260	cis-1,2-Dichloroethene	218	ug/L	5.0	12/22/23 05:46	
EPA 5030/8260	trans-1,2-Dichloroethene	9.4	ug/L	5.0	12/22/23 05:46	
EPA 5030/8260	Trichloroethene	102	ug/L	5.0	12/22/23 05:46	
50361868003	MW-3					
EPA 5030/8260	1,1-Dichloroethene	282	ug/L	100	12/22/23 15:36	
EPA 5030/8260	cis-1,2-Dichloroethene	30800	ug/L	1000	12/22/23 16:04	
EPA 5030/8260	trans-1,2-Dichloroethene	388	ug/L	100	12/22/23 15:36	
EPA 5030/8260	Tetrachloroethene	20.6	ug/L	5.0	12/22/23 06:14	
EPA 5030/8260	Toluene	258	ug/L	5.0	12/22/23 06:14	
EPA 5030/8260	Trichloroethene	274000	ug/L	10000	12/26/23 14:16	HS
EPA 5030/8260	Vinyl chloride	322	ug/L	40.0	12/22/23 15:36	
50361868004	MW-4					
EPA 5030/8260	cis-1,2-Dichloroethene	82.3	ug/L	5.0	12/22/23 14:12	
EPA 5030/8260	Trichloroethene	2170	ug/L	50.0	12/22/23 14:40	HS
50361868006	MW-6					
EPA 5030/8260	cis-1,2-Dichloroethene	178	ug/L	5.0	12/22/23 07:38	
EPA 5030/8260	Trichloroethene	38.4	ug/L	5.0	12/22/23 07:38	
50361868007	MW-7					
EPA 5030/8260	Trichloroethene	11.7	ug/L	5.0	12/22/23 08:06	
50361868008	MW-8					
EPA 5030/8260	cis-1,2-Dichloroethene	79.2	ug/L	5.0	12/22/23 08:34	
EPA 5030/8260	Trichloroethene	10.5	ug/L	5.0	12/22/23 08:34	
EPA 5030/8260	Vinyl chloride	5.3	ug/L	2.0	12/22/23 08:34	
50361868010	MW-10					
EPA 5030/8260	cis-1,2-Dichloroethene	15.5	ug/L	5.0	12/22/23 00:53	
EPA 5030/8260	Trichloroethene	10.4	ug/L	5.0	12/22/23 00:53	
EPA 5030/8260	Vinyl chloride	2.3	ug/L	2.0	12/22/23 00:53	
50361868011	MW-11					
EPA 5030/8260	cis-1,2-Dichloroethene	10.3	ug/L	5.0	12/22/23 01:21	
50361868012	MW-12					
EPA 5030/8260	cis-1,2-Dichloroethene	6.1	ug/L	5.0	12/22/23 01:49	
EPA 5030/8260	Trichloroethene	96.2	ug/L	5.0	12/22/23 01:49	
50361868014	MW-14					
EPA 5030/8260	cis-1,2-Dichloroethene	16.4	ug/L	5.0	12/22/23 02:45	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Advanced Finishing

Pace Project No.: 50361868

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
50361868019	DUP					
EPA 5030/8260	cis-1,2-Dichloroethene	16.8	ug/L	5.0	12/22/23 05:05	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-1	Lab ID: 50361868001	Collected: 12/15/23 11:55	Received: 12/15/23 16:39	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		12/22/23 05:18	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/22/23 05:18	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/22/23 05:18	107-13-1	
Benzene	ND	ug/L	5.0	1		12/22/23 05:18	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/22/23 05:18	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/22/23 05:18	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/22/23 05:18	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/22/23 05:18	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/22/23 05:18	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/22/23 05:18	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/22/23 05:18	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		12/22/23 05:18	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/22/23 05:18	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/22/23 05:18	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/22/23 05:18	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/22/23 05:18	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/22/23 05:18	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/22/23 05:18	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/22/23 05:18	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 05:18	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 05:18	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/22/23 05:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/22/23 05:18	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/22/23 05:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 05:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 05:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 05:18	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/22/23 05:18	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/22/23 05:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/22/23 05:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/22/23 05:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/22/23 05:18	75-35-4	
cis-1,2-Dichloroethene	144	ug/L	5.0	1		12/22/23 05:18	156-59-2	
trans-1,2-Dichloroethene	6.6	ug/L	5.0	1		12/22/23 05:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 05:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/22/23 05:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 05:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/22/23 05:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 05:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 05:18	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/22/23 05:18	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/22/23 05:18	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/22/23 05:18	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/22/23 05:18	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		12/22/23 05:18	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/22/23 05:18	74-88-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-1	Lab ID: 50361868001	Collected: 12/15/23 11:55	Received: 12/15/23 16:39	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		12/22/23 05:18	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/22/23 05:18	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/22/23 05:18	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 05:18	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 05:18	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/22/23 05:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/22/23 05:18	1634-04-4	
Naphthalene	4.4	ug/L	1.2	1		12/22/23 05:18	91-20-3	2d,C8
n-Propylbenzene	ND	ug/L	5.0	1		12/22/23 05:18	103-65-1	
Styrene	ND	ug/L	5.0	1		12/22/23 05:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 05:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 05:18	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/22/23 05:18	127-18-4	
Toluene	ND	ug/L	5.0	1		12/22/23 05:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 05:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 05:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/22/23 05:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/22/23 05:18	79-00-5	
Trichloroethene	959	ug/L	50.0	10		12/22/23 15:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/22/23 05:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/22/23 05:18	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 05:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 05:18	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/22/23 05:18	108-05-4	
Vinyl chloride	3.2	ug/L	2.0	1		12/22/23 05:18	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/22/23 05:18	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%	82-128	1		12/22/23 05:18	1868-53-7	
4-Bromofluorobenzene (S)	98	%	79-124	1		12/22/23 05:18	460-00-4	
Toluene-d8 (S)	100	%	73-122	1		12/22/23 05:18	2037-26-5	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-2	Lab ID: 50361868002	Collected: 12/15/23 13:25	Received: 12/15/23 16:39	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		12/22/23 05:46	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/22/23 05:46	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/22/23 05:46	107-13-1	
Benzene	ND	ug/L	5.0	1		12/22/23 05:46	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/22/23 05:46	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/22/23 05:46	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/22/23 05:46	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/22/23 05:46	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/22/23 05:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/22/23 05:46	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/22/23 05:46	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		12/22/23 05:46	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/22/23 05:46	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/22/23 05:46	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/22/23 05:46	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/22/23 05:46	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/22/23 05:46	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/22/23 05:46	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/22/23 05:46	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 05:46	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 05:46	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/22/23 05:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/22/23 05:46	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/22/23 05:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 05:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 05:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 05:46	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/22/23 05:46	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/22/23 05:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/22/23 05:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/22/23 05:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/22/23 05:46	75-35-4	
cis-1,2-Dichloroethene	218	ug/L	5.0	1		12/22/23 05:46	156-59-2	
trans-1,2-Dichloroethene	9.4	ug/L	5.0	1		12/22/23 05:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 05:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/22/23 05:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 05:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/22/23 05:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 05:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 05:46	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/22/23 05:46	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/22/23 05:46	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/22/23 05:46	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/22/23 05:46	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		12/22/23 05:46	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/22/23 05:46	74-88-4	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-2	Lab ID: 50361868002	Collected: 12/15/23 13:25	Received: 12/15/23 16:39	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		12/22/23 05:46	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/22/23 05:46	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/22/23 05:46	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 05:46	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 05:46	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/22/23 05:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/22/23 05:46	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		12/22/23 05:46	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		12/22/23 05:46	103-65-1	
Styrene	ND	ug/L	5.0	1		12/22/23 05:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 05:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 05:46	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/22/23 05:46	127-18-4	
Toluene	ND	ug/L	5.0	1		12/22/23 05:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 05:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 05:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/22/23 05:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/22/23 05:46	79-00-5	
Trichloroethene	102	ug/L	5.0	1		12/22/23 05:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/22/23 05:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/22/23 05:46	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 05:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 05:46	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/22/23 05:46	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/22/23 05:46	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/22/23 05:46	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%	82-128	1		12/22/23 05:46	1868-53-7	
4-Bromofluorobenzene (S)	98	%	79-124	1		12/22/23 05:46	460-00-4	
Toluene-d8 (S)	99	%	73-122	1		12/22/23 05:46	2037-26-5	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-3	Lab ID: 50361868003	Collected: 12/15/23 14:15	Received: 12/15/23 16:39	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		12/22/23 06:14	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/22/23 06:14	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/22/23 06:14	107-13-1	
Benzene	ND	ug/L	5.0	1		12/22/23 06:14	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/22/23 06:14	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/22/23 06:14	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/22/23 06:14	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/22/23 06:14	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/22/23 06:14	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/22/23 06:14	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/22/23 06:14	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		12/22/23 06:14	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/22/23 06:14	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/22/23 06:14	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/22/23 06:14	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/22/23 06:14	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/22/23 06:14	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/22/23 06:14	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/22/23 06:14	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 06:14	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 06:14	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/22/23 06:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/22/23 06:14	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/22/23 06:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 06:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 06:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 06:14	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/22/23 06:14	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/22/23 06:14	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/22/23 06:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/22/23 06:14	107-06-2	
1,1-Dichloroethene	282	ug/L	100	20		12/22/23 15:36	75-35-4	
cis-1,2-Dichloroethene	30800	ug/L	1000	200		12/22/23 16:04	156-59-2	
trans-1,2-Dichloroethene	388	ug/L	100	20		12/22/23 15:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 06:14	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/22/23 06:14	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 06:14	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/22/23 06:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 06:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 06:14	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/22/23 06:14	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/22/23 06:14	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/22/23 06:14	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/22/23 06:14	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		12/22/23 06:14	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/22/23 06:14	74-88-4	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-3	Lab ID: 50361868003	Collected: 12/15/23 14:15	Received: 12/15/23 16:39	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		12/22/23 06:14	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/22/23 06:14	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/22/23 06:14	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 06:14	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 06:14	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/22/23 06:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/22/23 06:14	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		12/22/23 06:14	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		12/22/23 06:14	103-65-1	
Styrene	ND	ug/L	5.0	1		12/22/23 06:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 06:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 06:14	79-34-5	
Tetrachloroethene	20.6	ug/L	5.0	1		12/22/23 06:14	127-18-4	
Toluene	258	ug/L	5.0	1		12/22/23 06:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 06:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 06:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/22/23 06:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/22/23 06:14	79-00-5	
Trichloroethene	274000	ug/L	10000	2000		12/26/23 14:16	79-01-6	HS
Trichlorofluoromethane	ND	ug/L	5.0	1		12/22/23 06:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/22/23 06:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 06:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 06:14	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/22/23 06:14	108-05-4	
Vinyl chloride	322	ug/L	40.0	20		12/22/23 15:36	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/22/23 06:14	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	97	%	82-128	1		12/22/23 06:14	1868-53-7	
4-Bromofluorobenzene (S)	97	%	79-124	1		12/22/23 06:14	460-00-4	
Toluene-d8 (S)	99	%	73-122	1		12/22/23 06:14	2037-26-5	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-4	Lab ID: 50361868004	Collected: 12/15/23 12:45	Received: 12/15/23 16:39	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		12/22/23 06:42	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/22/23 06:42	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/22/23 06:42	107-13-1	
Benzene	ND	ug/L	5.0	1		12/22/23 06:42	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/22/23 06:42	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/22/23 06:42	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/22/23 06:42	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/22/23 06:42	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/22/23 06:42	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/22/23 06:42	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/22/23 06:42	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		12/22/23 06:42	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/22/23 06:42	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/22/23 06:42	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/22/23 06:42	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/22/23 06:42	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/22/23 06:42	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/22/23 06:42	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/22/23 06:42	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 06:42	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 06:42	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/22/23 06:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/22/23 06:42	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/22/23 06:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 06:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 06:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 06:42	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/22/23 06:42	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/22/23 06:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/22/23 06:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/22/23 06:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/22/23 06:42	75-35-4	
cis-1,2-Dichloroethene	82.3	ug/L	5.0	1		12/22/23 14:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/22/23 06:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 06:42	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/22/23 06:42	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 06:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/22/23 06:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 06:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 06:42	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/22/23 06:42	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/22/23 06:42	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/22/23 06:42	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/22/23 06:42	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		12/22/23 06:42	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/22/23 06:42	74-88-4	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-4	Lab ID: 50361868004	Collected: 12/15/23 12:45	Received: 12/15/23 16:39	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		12/22/23 06:42	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/22/23 06:42	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/22/23 06:42	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 06:42	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 06:42	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/22/23 06:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/22/23 06:42	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		12/22/23 06:42	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		12/22/23 06:42	103-65-1	
Styrene	ND	ug/L	5.0	1		12/22/23 06:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 06:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 06:42	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/22/23 06:42	127-18-4	
Toluene	ND	ug/L	5.0	1		12/22/23 06:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 06:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 06:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/22/23 06:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/22/23 06:42	79-00-5	
Trichloroethene	2170	ug/L	50.0	10		12/22/23 14:40	79-01-6	HS
Trichlorofluoromethane	ND	ug/L	5.0	1		12/22/23 06:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/22/23 06:42	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 06:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 06:42	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/22/23 06:42	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/22/23 06:42	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/22/23 06:42	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%	82-128	1		12/22/23 06:42	1868-53-7	
4-Bromofluorobenzene (S)	98	%	79-124	1		12/22/23 06:42	460-00-4	
Toluene-d8 (S)	100	%	73-122	1		12/22/23 06:42	2037-26-5	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-5	Lab ID: 50361868005	Collected: 12/14/23 15:10	Received: 12/15/23 16:39	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		12/22/23 07:10	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/22/23 07:10	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/22/23 07:10	107-13-1	
Benzene	ND	ug/L	5.0	1		12/22/23 07:10	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/22/23 07:10	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/22/23 07:10	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/22/23 07:10	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/22/23 07:10	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/22/23 07:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/22/23 07:10	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/22/23 07:10	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		12/22/23 07:10	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/22/23 07:10	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/22/23 07:10	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/22/23 07:10	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/22/23 07:10	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/22/23 07:10	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/22/23 07:10	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/22/23 07:10	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 07:10	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 07:10	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/22/23 07:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/22/23 07:10	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/22/23 07:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 07:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 07:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 07:10	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/22/23 07:10	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/22/23 07:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/22/23 07:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/22/23 07:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/22/23 07:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/22/23 13:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/22/23 07:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 07:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/22/23 07:10	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 07:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/22/23 07:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 07:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 07:10	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/22/23 07:10	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/22/23 07:10	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/22/23 07:10	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/22/23 07:10	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		12/22/23 07:10	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/22/23 07:10	74-88-4	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-5	Lab ID: 50361868005	Collected: 12/14/23 15:10	Received: 12/15/23 16:39	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		12/22/23 07:10	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/22/23 07:10	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/22/23 07:10	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 07:10	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 07:10	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/22/23 07:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/22/23 07:10	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		12/22/23 07:10	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		12/22/23 07:10	103-65-1	
Styrene	ND	ug/L	5.0	1		12/22/23 07:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 07:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 07:10	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/22/23 07:10	127-18-4	
Toluene	ND	ug/L	5.0	1		12/22/23 07:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 07:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 07:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/22/23 07:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/22/23 07:10	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/22/23 13:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/22/23 07:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/22/23 07:10	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 07:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 07:10	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/22/23 07:10	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/22/23 07:10	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/22/23 07:10	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%.	82-128	1		12/22/23 07:10	1868-53-7	
4-Bromofluorobenzene (S)	98	%.	79-124	1		12/22/23 07:10	460-00-4	
Toluene-d8 (S)	100	%.	73-122	1		12/22/23 07:10	2037-26-5	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-6	Lab ID: 50361868006	Collected: 12/14/23 15:55	Received: 12/15/23 16:39	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		12/22/23 07:38	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/22/23 07:38	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/22/23 07:38	107-13-1	
Benzene	ND	ug/L	5.0	1		12/22/23 07:38	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/22/23 07:38	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/22/23 07:38	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/22/23 07:38	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/22/23 07:38	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/22/23 07:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/22/23 07:38	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/22/23 07:38	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		12/22/23 07:38	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/22/23 07:38	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/22/23 07:38	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/22/23 07:38	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/22/23 07:38	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/22/23 07:38	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/22/23 07:38	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/22/23 07:38	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 07:38	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 07:38	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/22/23 07:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/22/23 07:38	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/22/23 07:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 07:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 07:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 07:38	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/22/23 07:38	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/22/23 07:38	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/22/23 07:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/22/23 07:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/22/23 07:38	75-35-4	
cis-1,2-Dichloroethene	178	ug/L	5.0	1		12/22/23 07:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/22/23 07:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 07:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/22/23 07:38	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 07:38	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/22/23 07:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 07:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 07:38	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/22/23 07:38	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/22/23 07:38	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/22/23 07:38	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/22/23 07:38	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		12/22/23 07:38	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/22/23 07:38	74-88-4	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-6	Lab ID: 50361868006	Collected: 12/14/23 15:55	Received: 12/15/23 16:39	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		12/22/23 07:38	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/22/23 07:38	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/22/23 07:38	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 07:38	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 07:38	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/22/23 07:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/22/23 07:38	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		12/22/23 07:38	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		12/22/23 07:38	103-65-1	
Styrene	ND	ug/L	5.0	1		12/22/23 07:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 07:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 07:38	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/22/23 07:38	127-18-4	
Toluene	ND	ug/L	5.0	1		12/22/23 07:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 07:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 07:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/22/23 07:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/22/23 07:38	79-00-5	
Trichloroethene	38.4	ug/L	5.0	1		12/22/23 07:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/22/23 07:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/22/23 07:38	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 07:38	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 07:38	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/22/23 07:38	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/22/23 07:38	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/22/23 07:38	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101	%	82-128	1		12/22/23 07:38	1868-53-7	
4-Bromofluorobenzene (S)	97	%	79-124	1		12/22/23 07:38	460-00-4	
Toluene-d8 (S)	100	%	73-122	1		12/22/23 07:38	2037-26-5	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-7	Lab ID: 50361868007	Collected: 12/15/23 12:35	Received: 12/15/23 16:39	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		12/22/23 08:06	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/22/23 08:06	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/22/23 08:06	107-13-1	
Benzene	ND	ug/L	5.0	1		12/22/23 08:06	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/22/23 08:06	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/22/23 08:06	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/22/23 08:06	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/22/23 08:06	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/22/23 08:06	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/22/23 08:06	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/22/23 08:06	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		12/22/23 08:06	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/22/23 08:06	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/22/23 08:06	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/22/23 08:06	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/22/23 08:06	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/22/23 08:06	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/22/23 08:06	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/22/23 08:06	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 08:06	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 08:06	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/22/23 08:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/22/23 08:06	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/22/23 08:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 08:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 08:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 08:06	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/22/23 08:06	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/22/23 08:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/22/23 08:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/22/23 08:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/22/23 08:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/22/23 08:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/22/23 08:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 08:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/22/23 08:06	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 08:06	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/22/23 08:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 08:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 08:06	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/22/23 08:06	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/22/23 08:06	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/22/23 08:06	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/22/23 08:06	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		12/22/23 08:06	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/22/23 08:06	74-88-4	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-7	Lab ID: 50361868007	Collected: 12/15/23 12:35	Received: 12/15/23 16:39	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		12/22/23 08:06	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/22/23 08:06	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/22/23 08:06	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 08:06	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 08:06	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/22/23 08:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/22/23 08:06	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		12/22/23 08:06	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		12/22/23 08:06	103-65-1	
Styrene	ND	ug/L	5.0	1		12/22/23 08:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 08:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 08:06	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/22/23 08:06	127-18-4	
Toluene	ND	ug/L	5.0	1		12/22/23 08:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 08:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 08:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/22/23 08:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/22/23 08:06	79-00-5	
Trichloroethene	11.7	ug/L	5.0	1		12/22/23 08:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/22/23 08:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/22/23 08:06	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 08:06	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 08:06	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/22/23 08:06	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/22/23 08:06	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/22/23 08:06	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%	82-128	1		12/22/23 08:06	1868-53-7	
4-Bromofluorobenzene (S)	98	%	79-124	1		12/22/23 08:06	460-00-4	
Toluene-d8 (S)	100	%	73-122	1		12/22/23 08:06	2037-26-5	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-8	Lab ID: 50361868008	Collected: 12/14/23 16:20	Received: 12/15/23 16:39	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		12/22/23 08:34	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/22/23 08:34	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/22/23 08:34	107-13-1	
Benzene	ND	ug/L	5.0	1		12/22/23 08:34	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/22/23 08:34	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/22/23 08:34	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/22/23 08:34	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/22/23 08:34	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/22/23 08:34	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/22/23 08:34	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/22/23 08:34	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		12/22/23 08:34	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/22/23 08:34	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/22/23 08:34	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/22/23 08:34	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/22/23 08:34	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/22/23 08:34	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/22/23 08:34	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/22/23 08:34	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 08:34	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 08:34	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/22/23 08:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/22/23 08:34	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/22/23 08:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 08:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 08:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 08:34	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/22/23 08:34	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/22/23 08:34	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/22/23 08:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/22/23 08:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/22/23 08:34	75-35-4	
cis-1,2-Dichloroethene	79.2	ug/L	5.0	1		12/22/23 08:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/22/23 08:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 08:34	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/22/23 08:34	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 08:34	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/22/23 08:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 08:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 08:34	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/22/23 08:34	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/22/23 08:34	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/22/23 08:34	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/22/23 08:34	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		12/22/23 08:34	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/22/23 08:34	74-88-4	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-8	Lab ID: 50361868008	Collected: 12/14/23 16:20	Received: 12/15/23 16:39	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		12/22/23 08:34	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/22/23 08:34	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/22/23 08:34	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 08:34	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 08:34	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/22/23 08:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/22/23 08:34	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		12/22/23 08:34	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		12/22/23 08:34	103-65-1	
Styrene	ND	ug/L	5.0	1		12/22/23 08:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 08:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 08:34	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/22/23 08:34	127-18-4	
Toluene	ND	ug/L	5.0	1		12/22/23 08:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 08:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 08:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/22/23 08:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/22/23 08:34	79-00-5	
Trichloroethene	10.5	ug/L	5.0	1		12/22/23 08:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/22/23 08:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/22/23 08:34	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 08:34	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 08:34	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/22/23 08:34	108-05-4	
Vinyl chloride	5.3	ug/L	2.0	1		12/22/23 08:34	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/22/23 08:34	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%	82-128	1		12/22/23 08:34	1868-53-7	
4-Bromofluorobenzene (S)	98	%	79-124	1		12/22/23 08:34	460-00-4	
Toluene-d8 (S)	99	%	73-122	1		12/22/23 08:34	2037-26-5	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-9	Lab ID: 50361868009	Collected: 12/14/23 15:10	Received: 12/15/23 16:39	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		12/22/23 00:25	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/22/23 00:25	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/22/23 00:25	107-13-1	
Benzene	ND	ug/L	5.0	1		12/22/23 00:25	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/22/23 00:25	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/22/23 00:25	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/22/23 00:25	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/22/23 00:25	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/22/23 00:25	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/22/23 00:25	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/22/23 00:25	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		12/22/23 00:25	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/22/23 00:25	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/22/23 00:25	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/22/23 00:25	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/22/23 00:25	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/22/23 00:25	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/22/23 00:25	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/22/23 00:25	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 00:25	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 00:25	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/22/23 00:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/22/23 00:25	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/22/23 00:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 00:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 00:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 00:25	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/22/23 00:25	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/22/23 00:25	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/22/23 00:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/22/23 00:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/22/23 00:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/22/23 00:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/22/23 00:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 00:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/22/23 00:25	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 00:25	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/22/23 00:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 00:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 00:25	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/22/23 00:25	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/22/23 00:25	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/22/23 00:25	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/22/23 00:25	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		12/22/23 00:25	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/22/23 00:25	74-88-4	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-9	Lab ID: 50361868009	Collected: 12/14/23 15:10	Received: 12/15/23 16:39	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		12/22/23 00:25	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/22/23 00:25	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/22/23 00:25	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 00:25	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 00:25	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/22/23 00:25	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/22/23 00:25	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		12/22/23 00:25	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		12/22/23 00:25	103-65-1	
Styrene	ND	ug/L	5.0	1		12/22/23 00:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 00:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 00:25	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/22/23 00:25	127-18-4	
Toluene	ND	ug/L	5.0	1		12/22/23 00:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 00:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 00:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/22/23 00:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/22/23 00:25	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/22/23 00:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/22/23 00:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/22/23 00:25	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 00:25	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 00:25	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/22/23 00:25	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/22/23 00:25	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/22/23 00:25	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%	82-128	1		12/22/23 00:25	1868-53-7	
4-Bromofluorobenzene (S)	95	%	79-124	1		12/22/23 00:25	460-00-4	
Toluene-d8 (S)	100	%	73-122	1		12/22/23 00:25	2037-26-5	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-10	Lab ID: 50361868010	Collected: 12/15/23 11:40	Received: 12/15/23 16:39	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		12/22/23 00:53	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/22/23 00:53	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/22/23 00:53	107-13-1	
Benzene	ND	ug/L	5.0	1		12/22/23 00:53	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/22/23 00:53	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/22/23 00:53	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/22/23 00:53	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/22/23 00:53	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/22/23 00:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/22/23 00:53	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/22/23 00:53	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		12/22/23 00:53	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/22/23 00:53	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/22/23 00:53	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/22/23 00:53	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/22/23 00:53	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/22/23 00:53	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/22/23 00:53	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/22/23 00:53	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 00:53	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 00:53	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/22/23 00:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/22/23 00:53	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/22/23 00:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 00:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 00:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 00:53	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/22/23 00:53	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/22/23 00:53	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/22/23 00:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/22/23 00:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/22/23 00:53	75-35-4	
cis-1,2-Dichloroethene	15.5	ug/L	5.0	1		12/22/23 00:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/22/23 00:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 00:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/22/23 00:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 00:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/22/23 00:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 00:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 00:53	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/22/23 00:53	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/22/23 00:53	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/22/23 00:53	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/22/23 00:53	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		12/22/23 00:53	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/22/23 00:53	74-88-4	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-10	Lab ID: 50361868010	Collected: 12/15/23 11:40	Received: 12/15/23 16:39	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		12/22/23 00:53	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/22/23 00:53	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/22/23 00:53	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 00:53	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 00:53	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/22/23 00:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/22/23 00:53	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		12/22/23 00:53	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		12/22/23 00:53	103-65-1	
Styrene	ND	ug/L	5.0	1		12/22/23 00:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 00:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 00:53	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/22/23 00:53	127-18-4	
Toluene	ND	ug/L	5.0	1		12/22/23 00:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 00:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 00:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/22/23 00:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/22/23 00:53	79-00-5	
Trichloroethene	10.4	ug/L	5.0	1		12/22/23 00:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/22/23 00:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/22/23 00:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 00:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 00:53	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/22/23 00:53	108-05-4	
Vinyl chloride	2.3	ug/L	2.0	1		12/22/23 00:53	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/22/23 00:53	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%	82-128	1		12/22/23 00:53	1868-53-7	
4-Bromofluorobenzene (S)	94	%	79-124	1		12/22/23 00:53	460-00-4	
Toluene-d8 (S)	99	%	73-122	1		12/22/23 00:53	2037-26-5	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-11	Lab ID: 50361868011	Collected: 12/14/23 13:35	Received: 12/15/23 16:39	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		12/22/23 01:21	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/22/23 01:21	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/22/23 01:21	107-13-1	
Benzene	ND	ug/L	5.0	1		12/22/23 01:21	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/22/23 01:21	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/22/23 01:21	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/22/23 01:21	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/22/23 01:21	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/22/23 01:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/22/23 01:21	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/22/23 01:21	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		12/22/23 01:21	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/22/23 01:21	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/22/23 01:21	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/22/23 01:21	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/22/23 01:21	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/22/23 01:21	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/22/23 01:21	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/22/23 01:21	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 01:21	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 01:21	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/22/23 01:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/22/23 01:21	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/22/23 01:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 01:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 01:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 01:21	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/22/23 01:21	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/22/23 01:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/22/23 01:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/22/23 01:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/22/23 01:21	75-35-4	
cis-1,2-Dichloroethene	10.3	ug/L	5.0	1		12/22/23 01:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/22/23 01:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 01:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/22/23 01:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 01:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/22/23 01:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 01:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 01:21	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/22/23 01:21	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/22/23 01:21	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/22/23 01:21	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/22/23 01:21	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		12/22/23 01:21	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/22/23 01:21	74-88-4	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-11	Lab ID: 50361868011	Collected: 12/14/23 13:35	Received: 12/15/23 16:39	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		12/22/23 01:21	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/22/23 01:21	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/22/23 01:21	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 01:21	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 01:21	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/22/23 01:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/22/23 01:21	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		12/22/23 01:21	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		12/22/23 01:21	103-65-1	
Styrene	ND	ug/L	5.0	1		12/22/23 01:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 01:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 01:21	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/22/23 01:21	127-18-4	
Toluene	ND	ug/L	5.0	1		12/22/23 01:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 01:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 01:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/22/23 01:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/22/23 01:21	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/22/23 01:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/22/23 01:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/22/23 01:21	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 01:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 01:21	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/22/23 01:21	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/22/23 01:21	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/22/23 01:21	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%	82-128	1		12/22/23 01:21	1868-53-7	
4-Bromofluorobenzene (S)	94	%	79-124	1		12/22/23 01:21	460-00-4	
Toluene-d8 (S)	99	%	73-122	1		12/22/23 01:21	2037-26-5	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-12	Lab ID: 50361868012	Collected: 12/14/23 12:10	Received: 12/15/23 16:39	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		12/22/23 01:49	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/22/23 01:49	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/22/23 01:49	107-13-1	
Benzene	ND	ug/L	5.0	1		12/22/23 01:49	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/22/23 01:49	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/22/23 01:49	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/22/23 01:49	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/22/23 01:49	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/22/23 01:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/22/23 01:49	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/22/23 01:49	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		12/22/23 01:49	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/22/23 01:49	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/22/23 01:49	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/22/23 01:49	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/22/23 01:49	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/22/23 01:49	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/22/23 01:49	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/22/23 01:49	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 01:49	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 01:49	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/22/23 01:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/22/23 01:49	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/22/23 01:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 01:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 01:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 01:49	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/22/23 01:49	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/22/23 01:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/22/23 01:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/22/23 01:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/22/23 01:49	75-35-4	
cis-1,2-Dichloroethene	6.1	ug/L	5.0	1		12/22/23 01:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/22/23 01:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 01:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/22/23 01:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 01:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/22/23 01:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 01:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 01:49	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/22/23 01:49	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/22/23 01:49	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/22/23 01:49	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/22/23 01:49	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		12/22/23 01:49	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/22/23 01:49	74-88-4	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-12	Lab ID: 50361868012	Collected: 12/14/23 12:10	Received: 12/15/23 16:39	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		12/22/23 01:49	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/22/23 01:49	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/22/23 01:49	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 01:49	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 01:49	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/22/23 01:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/22/23 01:49	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		12/22/23 01:49	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		12/22/23 01:49	103-65-1	
Styrene	ND	ug/L	5.0	1		12/22/23 01:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 01:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 01:49	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/22/23 01:49	127-18-4	
Toluene	ND	ug/L	5.0	1		12/22/23 01:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 01:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 01:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/22/23 01:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/22/23 01:49	79-00-5	
Trichloroethene	96.2	ug/L	5.0	1		12/22/23 01:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/22/23 01:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/22/23 01:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 01:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 01:49	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/22/23 01:49	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/22/23 01:49	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/22/23 01:49	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%	82-128	1		12/22/23 01:49	1868-53-7	
4-Bromofluorobenzene (S)	94	%	79-124	1		12/22/23 01:49	460-00-4	
Toluene-d8 (S)	100	%	73-122	1		12/22/23 01:49	2037-26-5	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-13	Lab ID: 50361868013	Collected: 12/14/23 11:15	Received: 12/15/23 16:39	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		12/22/23 02:17	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/22/23 02:17	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/22/23 02:17	107-13-1	
Benzene	ND	ug/L	5.0	1		12/22/23 02:17	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/22/23 02:17	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/22/23 02:17	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/22/23 02:17	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/22/23 02:17	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/22/23 02:17	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/22/23 02:17	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/22/23 02:17	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		12/22/23 02:17	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/22/23 02:17	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/22/23 02:17	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/22/23 02:17	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/22/23 02:17	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/22/23 02:17	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/22/23 02:17	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/22/23 02:17	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 02:17	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 02:17	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/22/23 02:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/22/23 02:17	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/22/23 02:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 02:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 02:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 02:17	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/22/23 02:17	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/22/23 02:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/22/23 02:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/22/23 02:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/22/23 02:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/22/23 02:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/22/23 02:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 02:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/22/23 02:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 02:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/22/23 02:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 02:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 02:17	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/22/23 02:17	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/22/23 02:17	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/22/23 02:17	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/22/23 02:17	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		12/22/23 02:17	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/22/23 02:17	74-88-4	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-13	Lab ID: 50361868013	Collected: 12/14/23 11:15	Received: 12/15/23 16:39	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		12/22/23 02:17	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/22/23 02:17	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/22/23 02:17	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 02:17	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 02:17	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/22/23 02:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/22/23 02:17	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		12/22/23 02:17	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		12/22/23 02:17	103-65-1	
Styrene	ND	ug/L	5.0	1		12/22/23 02:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 02:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 02:17	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/22/23 02:17	127-18-4	
Toluene	ND	ug/L	5.0	1		12/22/23 02:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 02:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 02:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/22/23 02:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/22/23 02:17	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/22/23 02:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/22/23 02:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/22/23 02:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 02:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 02:17	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/22/23 02:17	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/22/23 02:17	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/22/23 02:17	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%	82-128	1		12/22/23 02:17	1868-53-7	
4-Bromofluorobenzene (S)	94	%	79-124	1		12/22/23 02:17	460-00-4	
Toluene-d8 (S)	100	%	73-122	1		12/22/23 02:17	2037-26-5	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-14	Lab ID: 50361868014	Collected: 12/14/23 13:00	Received: 12/15/23 16:39	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		12/22/23 02:45	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/22/23 02:45	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/22/23 02:45	107-13-1	
Benzene	ND	ug/L	5.0	1		12/22/23 02:45	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/22/23 02:45	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/22/23 02:45	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/22/23 02:45	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/22/23 02:45	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/22/23 02:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/22/23 02:45	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/22/23 02:45	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		12/22/23 02:45	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/22/23 02:45	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/22/23 02:45	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/22/23 02:45	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/22/23 02:45	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/22/23 02:45	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/22/23 02:45	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/22/23 02:45	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 02:45	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 02:45	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/22/23 02:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/22/23 02:45	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/22/23 02:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 02:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 02:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 02:45	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/22/23 02:45	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/22/23 02:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/22/23 02:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/22/23 02:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/22/23 02:45	75-35-4	
cis-1,2-Dichloroethene	16.4	ug/L	5.0	1		12/22/23 02:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/22/23 02:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 02:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/22/23 02:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 02:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/22/23 02:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 02:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 02:45	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/22/23 02:45	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/22/23 02:45	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/22/23 02:45	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/22/23 02:45	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		12/22/23 02:45	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/22/23 02:45	74-88-4	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-14	Lab ID: 50361868014	Collected: 12/14/23 13:00	Received: 12/15/23 16:39	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		12/22/23 02:45	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/22/23 02:45	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/22/23 02:45	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 02:45	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 02:45	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/22/23 02:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/22/23 02:45	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		12/22/23 02:45	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		12/22/23 02:45	103-65-1	
Styrene	ND	ug/L	5.0	1		12/22/23 02:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 02:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 02:45	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/22/23 02:45	127-18-4	
Toluene	ND	ug/L	5.0	1		12/22/23 02:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 02:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 02:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/22/23 02:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/22/23 02:45	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/22/23 02:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/22/23 02:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/22/23 02:45	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 02:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 02:45	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/22/23 02:45	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/22/23 02:45	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/22/23 02:45	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%	82-128	1		12/22/23 02:45	1868-53-7	
4-Bromofluorobenzene (S)	93	%	79-124	1		12/22/23 02:45	460-00-4	
Toluene-d8 (S)	99	%	73-122	1		12/22/23 02:45	2037-26-5	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-15	Lab ID: 50361868015	Collected: 12/14/23 14:15	Received: 12/15/23 16:39	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		12/22/23 03:13	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/22/23 03:13	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/22/23 03:13	107-13-1	
Benzene	ND	ug/L	5.0	1		12/22/23 03:13	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/22/23 03:13	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/22/23 03:13	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/22/23 03:13	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/22/23 03:13	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/22/23 03:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/22/23 03:13	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/22/23 03:13	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		12/22/23 03:13	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/22/23 03:13	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/22/23 03:13	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/22/23 03:13	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/22/23 03:13	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/22/23 03:13	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/22/23 03:13	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/22/23 03:13	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 03:13	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 03:13	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/22/23 03:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/22/23 03:13	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/22/23 03:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 03:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 03:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 03:13	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/22/23 03:13	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/22/23 03:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/22/23 03:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/22/23 03:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/22/23 03:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/22/23 03:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/22/23 03:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 03:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/22/23 03:13	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 03:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/22/23 03:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 03:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 03:13	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/22/23 03:13	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/22/23 03:13	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/22/23 03:13	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/22/23 03:13	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		12/22/23 03:13	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/22/23 03:13	74-88-4	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-15	Lab ID: 50361868015	Collected: 12/14/23 14:15	Received: 12/15/23 16:39	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		12/22/23 03:13	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/22/23 03:13	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/22/23 03:13	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 03:13	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 03:13	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/22/23 03:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/22/23 03:13	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		12/22/23 03:13	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		12/22/23 03:13	103-65-1	
Styrene	ND	ug/L	5.0	1		12/22/23 03:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 03:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 03:13	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/22/23 03:13	127-18-4	
Toluene	ND	ug/L	5.0	1		12/22/23 03:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 03:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 03:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/22/23 03:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/22/23 03:13	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/22/23 03:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/22/23 03:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/22/23 03:13	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 03:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 03:13	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/22/23 03:13	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/22/23 03:13	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/22/23 03:13	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%	82-128	1		12/22/23 03:13	1868-53-7	
4-Bromofluorobenzene (S)	94	%	79-124	1		12/22/23 03:13	460-00-4	
Toluene-d8 (S)	98	%	73-122	1		12/22/23 03:13	2037-26-5	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-16	Lab ID: 50361868016	Collected: 12/15/23 10:45	Received: 12/15/23 16:39	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		12/22/23 03:41	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/22/23 03:41	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/22/23 03:41	107-13-1	
Benzene	ND	ug/L	5.0	1		12/22/23 03:41	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/22/23 03:41	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/22/23 03:41	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/22/23 03:41	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/22/23 03:41	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/22/23 03:41	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/22/23 03:41	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/22/23 03:41	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		12/22/23 03:41	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/22/23 03:41	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/22/23 03:41	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/22/23 03:41	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/22/23 03:41	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/22/23 03:41	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/22/23 03:41	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/22/23 03:41	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 03:41	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 03:41	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/22/23 03:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/22/23 03:41	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/22/23 03:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 03:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 03:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 03:41	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/22/23 03:41	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/22/23 03:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/22/23 03:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/22/23 03:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/22/23 03:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/22/23 03:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/22/23 03:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 03:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/22/23 03:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 03:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/22/23 03:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 03:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 03:41	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/22/23 03:41	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/22/23 03:41	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/22/23 03:41	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/22/23 03:41	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		12/22/23 03:41	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/22/23 03:41	74-88-4	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-16	Lab ID: 50361868016	Collected: 12/15/23 10:45	Received: 12/15/23 16:39	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		12/22/23 03:41	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/22/23 03:41	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/22/23 03:41	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 03:41	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 03:41	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/22/23 03:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/22/23 03:41	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		12/22/23 03:41	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		12/22/23 03:41	103-65-1	
Styrene	ND	ug/L	5.0	1		12/22/23 03:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 03:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 03:41	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/22/23 03:41	127-18-4	
Toluene	ND	ug/L	5.0	1		12/22/23 03:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 03:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 03:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/22/23 03:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/22/23 03:41	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/22/23 03:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/22/23 03:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/22/23 03:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 03:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 03:41	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/22/23 03:41	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/22/23 03:41	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/22/23 03:41	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%	82-128	1		12/22/23 03:41	1868-53-7	
4-Bromofluorobenzene (S)	95	%	79-124	1		12/22/23 03:41	460-00-4	
Toluene-d8 (S)	101	%	73-122	1		12/22/23 03:41	2037-26-5	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-17	Lab ID: 50361868017	Collected: 12/15/23 11:00	Received: 12/15/23 16:39	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		12/22/23 04:09	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/22/23 04:09	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/22/23 04:09	107-13-1	
Benzene	ND	ug/L	5.0	1		12/22/23 04:09	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/22/23 04:09	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/22/23 04:09	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/22/23 04:09	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/22/23 04:09	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/22/23 04:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/22/23 04:09	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/22/23 04:09	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		12/22/23 04:09	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/22/23 04:09	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/22/23 04:09	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/22/23 04:09	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/22/23 04:09	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/22/23 04:09	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/22/23 04:09	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/22/23 04:09	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 04:09	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 04:09	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/22/23 04:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/22/23 04:09	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/22/23 04:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 04:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 04:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 04:09	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/22/23 04:09	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/22/23 04:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/22/23 04:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/22/23 04:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/22/23 04:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/22/23 04:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/22/23 04:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 04:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/22/23 04:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 04:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/22/23 04:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 04:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 04:09	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/22/23 04:09	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/22/23 04:09	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/22/23 04:09	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/22/23 04:09	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		12/22/23 04:09	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/22/23 04:09	74-88-4	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-17	Lab ID: 50361868017	Collected: 12/15/23 11:00	Received: 12/15/23 16:39	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		12/22/23 04:09	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/22/23 04:09	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/22/23 04:09	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 04:09	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 04:09	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/22/23 04:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/22/23 04:09	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		12/22/23 04:09	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		12/22/23 04:09	103-65-1	
Styrene	ND	ug/L	5.0	1		12/22/23 04:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 04:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 04:09	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/22/23 04:09	127-18-4	
Toluene	ND	ug/L	5.0	1		12/22/23 04:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 04:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 04:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/22/23 04:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/22/23 04:09	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/22/23 04:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/22/23 04:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/22/23 04:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 04:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 04:09	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/22/23 04:09	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/22/23 04:09	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/22/23 04:09	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	99	%	82-128	1		12/22/23 04:09	1868-53-7	
4-Bromofluorobenzene (S)	97	%	79-124	1		12/22/23 04:09	460-00-4	
Toluene-d8 (S)	100	%	73-122	1		12/22/23 04:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-18	Lab ID: 50361868018	Collected: 12/15/23 13:40	Received: 12/15/23 16:39	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		12/22/23 04:37	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/22/23 04:37	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/22/23 04:37	107-13-1	
Benzene	ND	ug/L	5.0	1		12/22/23 04:37	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/22/23 04:37	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/22/23 04:37	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/22/23 04:37	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/22/23 04:37	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/22/23 04:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/22/23 04:37	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/22/23 04:37	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		12/22/23 04:37	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/22/23 04:37	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/22/23 04:37	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/22/23 04:37	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/22/23 04:37	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/22/23 04:37	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/22/23 04:37	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/22/23 04:37	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 04:37	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 04:37	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/22/23 04:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/22/23 04:37	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/22/23 04:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 04:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 04:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 04:37	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/22/23 04:37	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/22/23 04:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/22/23 04:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/22/23 04:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/22/23 04:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/22/23 04:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/22/23 04:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 04:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/22/23 04:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 04:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/22/23 04:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 04:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 04:37	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/22/23 04:37	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/22/23 04:37	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/22/23 04:37	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/22/23 04:37	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		12/22/23 04:37	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/22/23 04:37	74-88-4	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: MW-18	Lab ID: 50361868018	Collected: 12/15/23 13:40	Received: 12/15/23 16:39	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		12/22/23 04:37	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/22/23 04:37	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/22/23 04:37	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 04:37	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 04:37	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/22/23 04:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/22/23 04:37	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		12/22/23 04:37	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		12/22/23 04:37	103-65-1	
Styrene	ND	ug/L	5.0	1		12/22/23 04:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 04:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 04:37	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/22/23 04:37	127-18-4	
Toluene	ND	ug/L	5.0	1		12/22/23 04:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 04:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 04:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/22/23 04:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/22/23 04:37	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/22/23 04:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/22/23 04:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/22/23 04:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 04:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 04:37	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/22/23 04:37	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/22/23 04:37	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/22/23 04:37	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%	82-128	1		12/22/23 04:37	1868-53-7	
4-Bromofluorobenzene (S)	96	%	79-124	1		12/22/23 04:37	460-00-4	
Toluene-d8 (S)	100	%	73-122	1		12/22/23 04:37	2037-26-5	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: DUP	Lab ID: 50361868019	Collected: 12/15/23 08:00	Received: 12/15/23 16:39	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		12/22/23 05:05	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/22/23 05:05	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/22/23 05:05	107-13-1	
Benzene	ND	ug/L	5.0	1		12/22/23 05:05	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/22/23 05:05	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/22/23 05:05	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/22/23 05:05	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/22/23 05:05	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/22/23 05:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/22/23 05:05	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/22/23 05:05	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		12/22/23 05:05	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/22/23 05:05	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/22/23 05:05	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/22/23 05:05	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/22/23 05:05	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/22/23 05:05	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/22/23 05:05	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/22/23 05:05	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 05:05	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/22/23 05:05	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/22/23 05:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/22/23 05:05	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/22/23 05:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 05:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 05:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/22/23 05:05	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/22/23 05:05	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/22/23 05:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/22/23 05:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/22/23 05:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/22/23 05:05	75-35-4	
cis-1,2-Dichloroethene	16.8	ug/L	5.0	1		12/22/23 05:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/22/23 05:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 05:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/22/23 05:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/22/23 05:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/22/23 05:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 05:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/22/23 05:05	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/22/23 05:05	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/22/23 05:05	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/22/23 05:05	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/22/23 05:05	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		12/22/23 05:05	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/22/23 05:05	74-88-4	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: DUP	Lab ID: 50361868019	Collected: 12/15/23 08:00	Received: 12/15/23 16:39	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		12/22/23 05:05	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/22/23 05:05	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/22/23 05:05	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 05:05	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		12/22/23 05:05	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/22/23 05:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/22/23 05:05	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		12/22/23 05:05	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		12/22/23 05:05	103-65-1	
Styrene	ND	ug/L	5.0	1		12/22/23 05:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 05:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/22/23 05:05	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/22/23 05:05	127-18-4	
Toluene	ND	ug/L	5.0	1		12/22/23 05:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 05:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/22/23 05:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/22/23 05:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/22/23 05:05	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/22/23 05:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/22/23 05:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/22/23 05:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 05:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/22/23 05:05	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/22/23 05:05	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/22/23 05:05	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/22/23 05:05	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%	82-128	1		12/22/23 05:05	1868-53-7	
4-Bromofluorobenzene (S)	94	%	79-124	1		12/22/23 05:05	460-00-4	
Toluene-d8 (S)	100	%	73-122	1		12/22/23 05:05	2037-26-5	

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: Trip Blank	Lab ID: 50361868020	Collected: 12/15/23 08:00	Received: 12/15/23 16:39	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		12/21/23 23:57	67-64-1	
Acrolein	ND	ug/L	50.0	1		12/21/23 23:57	107-02-8	
Acrylonitrile	ND	ug/L	100	1		12/21/23 23:57	107-13-1	
Benzene	ND	ug/L	5.0	1		12/21/23 23:57	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		12/21/23 23:57	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		12/21/23 23:57	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		12/21/23 23:57	75-27-4	
Bromoform	ND	ug/L	5.0	1		12/21/23 23:57	75-25-2	
Bromomethane	ND	ug/L	5.0	1		12/21/23 23:57	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	1		12/21/23 23:57	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	1		12/21/23 23:57	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		12/21/23 23:57	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		12/21/23 23:57	98-06-6	
Carbon disulfide	ND	ug/L	10.0	1		12/21/23 23:57	75-15-0	
Carbon tetrachloride	ND	ug/L	5.0	1		12/21/23 23:57	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		12/21/23 23:57	108-90-7	
Chloroethane	ND	ug/L	5.0	1		12/21/23 23:57	75-00-3	
Chloroform	ND	ug/L	5.0	1		12/21/23 23:57	67-66-3	
Chloromethane	ND	ug/L	5.0	1		12/21/23 23:57	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		12/21/23 23:57	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		12/21/23 23:57	106-43-4	
Dibromochloromethane	ND	ug/L	5.0	1		12/21/23 23:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		12/21/23 23:57	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		12/21/23 23:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		12/21/23 23:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		12/21/23 23:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		12/21/23 23:57	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1		12/21/23 23:57	110-57-6	
Dichlorodifluoromethane	ND	ug/L	5.0	1		12/21/23 23:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		12/21/23 23:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		12/21/23 23:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1		12/21/23 23:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		12/21/23 23:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		12/21/23 23:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		12/21/23 23:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		12/21/23 23:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		12/21/23 23:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		12/21/23 23:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		12/21/23 23:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		12/21/23 23:57	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		12/21/23 23:57	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		12/21/23 23:57	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		12/21/23 23:57	87-68-3	
n-Hexane	ND	ug/L	5.0	1		12/21/23 23:57	110-54-3	
2-Hexanone	ND	ug/L	25.0	1		12/21/23 23:57	591-78-6	
Iodomethane	ND	ug/L	10.0	1		12/21/23 23:57	74-88-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Advanced Finishing

Pace Project No.: 50361868

Sample: Trip Blank	Lab ID: 50361868020	Collected: 12/15/23 08:00	Received: 12/15/23 16:39	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		12/21/23 23:57	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		12/21/23 23:57	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		12/21/23 23:57	75-09-2	
1-Methylnaphthalene	ND	ug/L	10.0	1		12/21/23 23:57	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1		12/21/23 23:57	91-57-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		12/21/23 23:57	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		12/21/23 23:57	1634-04-4	
Naphthalene	ND	ug/L	1.2	1		12/21/23 23:57	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		12/21/23 23:57	103-65-1	
Styrene	ND	ug/L	5.0	1		12/21/23 23:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		12/21/23 23:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		12/21/23 23:57	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		12/21/23 23:57	127-18-4	
Toluene	ND	ug/L	5.0	1		12/21/23 23:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		12/21/23 23:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		12/21/23 23:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		12/21/23 23:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		12/21/23 23:57	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		12/21/23 23:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		12/21/23 23:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		12/21/23 23:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		12/21/23 23:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		12/21/23 23:57	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		12/21/23 23:57	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		12/21/23 23:57	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		12/21/23 23:57	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100	%	82-128	1		12/21/23 23:57	1868-53-7	
4-Bromofluorobenzene (S)	96	%	79-124	1		12/21/23 23:57	460-00-4	
Toluene-d8 (S)	99	%	73-122	1		12/21/23 23:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Advanced Finishing

Pace Project No.: 50361868

QC Batch: 768875 Analysis Method: EPA 5030/8260

QC Batch Method: EPA 5030/8260 Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50361868001, 50361868002, 50361868003, 50361868004, 50361868005, 50361868006, 50361868007, 50361868008

METHOD BLANK: 3522943 Matrix: Water

Associated Lab Samples: 50361868001, 50361868002, 50361868003, 50361868004, 50361868005, 50361868006, 50361868007, 50361868008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	12/21/23 23:15	
1,1,1-Trichloroethane	ug/L	ND	5.0	12/21/23 23:15	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	12/21/23 23:15	
1,1,2-Trichloroethane	ug/L	ND	5.0	12/21/23 23:15	
1,1-Dichloroethane	ug/L	ND	5.0	12/21/23 23:15	
1,1-Dichloroethene	ug/L	ND	5.0	12/21/23 23:15	
1,1-Dichloropropene	ug/L	ND	5.0	12/21/23 23:15	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	12/21/23 23:15	
1,2,3-Trichloropropane	ug/L	ND	5.0	12/21/23 23:15	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	12/21/23 23:15	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	12/21/23 23:15	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	12/21/23 23:15	
1,2-Dichlorobenzene	ug/L	ND	5.0	12/21/23 23:15	
1,2-Dichloroethane	ug/L	ND	5.0	12/21/23 23:15	
1,2-Dichloropropane	ug/L	ND	5.0	12/21/23 23:15	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	12/21/23 23:15	
1,3-Dichlorobenzene	ug/L	ND	5.0	12/21/23 23:15	
1,3-Dichloropropane	ug/L	ND	5.0	12/21/23 23:15	
1,4-Dichlorobenzene	ug/L	ND	5.0	12/21/23 23:15	
1-Methylnaphthalene	ug/L	ND	10.0	12/21/23 23:15	
2,2-Dichloropropane	ug/L	ND	5.0	12/21/23 23:15	
2-Butanone (MEK)	ug/L	ND	25.0	12/21/23 23:15	
2-Chlorotoluene	ug/L	ND	5.0	12/21/23 23:15	
2-Hexanone	ug/L	ND	25.0	12/21/23 23:15	
2-Methylnaphthalene	ug/L	ND	10.0	12/21/23 23:15	
4-Chlorotoluene	ug/L	ND	5.0	12/21/23 23:15	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	12/21/23 23:15	
Acetone	ug/L	ND	100	12/21/23 23:15	
Acrolein	ug/L	ND	50.0	12/21/23 23:15	
Acrylonitrile	ug/L	ND	100	12/21/23 23:15	
Benzene	ug/L	ND	5.0	12/21/23 23:15	
Bromobenzene	ug/L	ND	5.0	12/21/23 23:15	
Bromochloromethane	ug/L	ND	5.0	12/21/23 23:15	
Bromodichloromethane	ug/L	ND	5.0	12/21/23 23:15	
Bromoform	ug/L	ND	5.0	12/21/23 23:15	
Bromomethane	ug/L	ND	5.0	12/21/23 23:15	
Carbon disulfide	ug/L	ND	10.0	12/21/23 23:15	
Carbon tetrachloride	ug/L	ND	5.0	12/21/23 23:15	
Chlorobenzene	ug/L	ND	5.0	12/21/23 23:15	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Advanced Finishing

Pace Project No.: 50361868

METHOD BLANK: 3522943

Matrix: Water

Associated Lab Samples: 50361868001, 50361868002, 50361868003, 50361868004, 50361868005, 50361868006, 50361868007, 50361868008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroethane	ug/L	ND	5.0	12/21/23 23:15	
Chloroform	ug/L	ND	5.0	12/21/23 23:15	
Chloromethane	ug/L	ND	5.0	12/21/23 23:15	
cis-1,2-Dichloroethene	ug/L	ND	5.0	12/21/23 23:15	
cis-1,3-Dichloropropene	ug/L	ND	5.0	12/21/23 23:15	
Dibromochloromethane	ug/L	ND	5.0	12/21/23 23:15	
Dibromomethane	ug/L	ND	5.0	12/21/23 23:15	
Dichlorodifluoromethane	ug/L	ND	5.0	12/21/23 23:15	
Ethyl methacrylate	ug/L	ND	100	12/21/23 23:15	
Ethylbenzene	ug/L	ND	5.0	12/21/23 23:15	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	12/21/23 23:15	
Iodomethane	ug/L	ND	10.0	12/21/23 23:15	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	12/21/23 23:15	
Methyl-tert-butyl ether	ug/L	ND	4.0	12/21/23 23:15	
Methylene Chloride	ug/L	ND	5.0	12/21/23 23:15	
n-Butylbenzene	ug/L	ND	5.0	12/21/23 23:15	
n-Hexane	ug/L	ND	5.0	12/21/23 23:15	
n-Propylbenzene	ug/L	ND	5.0	12/21/23 23:15	
Naphthalene	ug/L	ND	1.2	12/21/23 23:15	
p-Isopropyltoluene	ug/L	ND	5.0	12/21/23 23:15	
sec-Butylbenzene	ug/L	ND	5.0	12/21/23 23:15	
Styrene	ug/L	ND	5.0	12/21/23 23:15	
tert-Butylbenzene	ug/L	ND	5.0	12/21/23 23:15	
Tetrachloroethene	ug/L	ND	5.0	12/21/23 23:15	
Toluene	ug/L	ND	5.0	12/21/23 23:15	
trans-1,2-Dichloroethene	ug/L	ND	5.0	12/21/23 23:15	
trans-1,3-Dichloropropene	ug/L	ND	5.0	12/21/23 23:15	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	12/21/23 23:15	
Trichloroethene	ug/L	ND	5.0	12/21/23 23:15	
Trichlorofluoromethane	ug/L	ND	5.0	12/21/23 23:15	
Vinyl acetate	ug/L	ND	50.0	12/21/23 23:15	
Vinyl chloride	ug/L	ND	2.0	12/21/23 23:15	
Xylene (Total)	ug/L	ND	10.0	12/21/23 23:15	
4-Bromofluorobenzene (S)	%	98	79-124	12/21/23 23:15	
Dibromofluoromethane (S)	%	101	82-128	12/21/23 23:15	1d
Toluene-d8 (S)	%	99	73-122	12/21/23 23:15	

LABORATORY CONTROL SAMPLE: 3522944

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.8	100	81-130	
1,1,1-Trichloroethane	ug/L	50	49.8	100	76-127	
1,1,2,2-Tetrachloroethane	ug/L	50	52.1	104	70-126	

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QUALITY CONTROL DATA

Project: Advanced Finishing

Pace Project No.: 50361868

LABORATORY CONTROL SAMPLE: 3522944

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,2-Trichloroethane	ug/L	50	50.9	102	79-124	
1,1-Dichloroethane	ug/L	50	47.6	95	76-123	
1,1-Dichloroethene	ug/L	50	50.9	102	73-133	
1,1-Dichloropropene	ug/L	50	49.6	99	78-144	
1,2,3-Trichlorobenzene	ug/L	50	49.1	98	72-138	
1,2,3-Trichloropropane	ug/L	50	52.8	106	75-121	
1,2,4-Trichlorobenzene	ug/L	50	45.7	91	71-138	
1,2,4-Trimethylbenzene	ug/L	50	47.3	95	70-127	
1,2-Dibromoethane (EDB)	ug/L	50	50.2	100	80-126	
1,2-Dichlorobenzene	ug/L	50	50.1	100	79-123	
1,2-Dichloroethane	ug/L	50	54.0	108	70-124	
1,2-Dichloropropane	ug/L	50	48.7	97	74-128	
1,3,5-Trimethylbenzene	ug/L	50	47.5	95	71-124	
1,3-Dichlorobenzene	ug/L	50	48.8	98	77-124	
1,3-Dichloropropane	ug/L	50	51.2	102	77-126	
1,4-Dichlorobenzene	ug/L	50	49.2	98	77-120	
1-Methylnaphthalene	ug/L	50	57.5	115	49-175	
2,2-Dichloropropane	ug/L	50	35.9	72	65-136	
2-Butanone (MEK)	ug/L	250	261	105	59-134	
2-Chlorotoluene	ug/L	50	47.9	96	74-121	
2-Hexanone	ug/L	250	278	111	63-134	
2-Methylnaphthalene	ug/L	50	57.6	115	52-170	
4-Chlorotoluene	ug/L	50	48.4	97	78-123	
4-Methyl-2-pentanone (MIBK)	ug/L	250	273	109	67-133	
Acetone	ug/L	250	302	121	32-133	
Acrolein	ug/L	1000	1280	128	35-166	
Acrylonitrile	ug/L	250	321	128	69-137	
Benzene	ug/L	50	47.0	94	74-124	
Bromobenzene	ug/L	50	51.1	102	76-122	
Bromochloromethane	ug/L	50	47.6	95	66-127	
Bromodichloromethane	ug/L	50	53.8	108	80-126	
Bromoform	ug/L	50	52.6	105	75-128	
Bromomethane	ug/L	50	33.3	67	10-183	
Carbon disulfide	ug/L	50	48.6	97	68-123	
Carbon tetrachloride	ug/L	50	49.8	100	78-132	
Chlorobenzene	ug/L	50	49.0	98	77-121	
Chloroethane	ug/L	50	59.9	120	43-140	
Chloroform	ug/L	50	51.2	102	75-118	
Chloromethane	ug/L	50	54.4	109	45-130	
cis-1,2-Dichloroethene	ug/L	50	46.9	94	76-125	
cis-1,3-Dichloropropene	ug/L	50	48.4	97	76-132	
Dibromochloromethane	ug/L	50	52.5	105	79-130	
Dibromomethane	ug/L	50	52.6	105	79-124	
Dichlorodifluoromethane	ug/L	50	41.1	82	10-124	
Ethyl methacrylate	ug/L	50	53.9J	108	73-137	
Ethylbenzene	ug/L	50	47.8	96	74-125	
Hexachloro-1,3-butadiene	ug/L	50	40.1	80	66-141	

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QUALITY CONTROL DATA

Project: Advanced Finishing

Pace Project No.: 50361868

LABORATORY CONTROL SAMPLE: 3522944

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iodomethane	ug/L	50	16.2	32	10-160	
Isopropylbenzene (Cumene)	ug/L	50	48.2	96	75-126	
Methyl-tert-butyl ether	ug/L	50	54.3	109	74-129	
Methylene Chloride	ug/L	50	53.9	108	77-126	
n-Butylbenzene	ug/L	50	48.0	96	72-131	
n-Hexane	ug/L	50	41.9	84	58-131	
n-Propylbenzene	ug/L	50	44.3	89	76-127	
Naphthalene	ug/L	50	53.5	107	70-132	
p-Isopropyltoluene	ug/L	50	47.5	95	76-126	
sec-Butylbenzene	ug/L	50	45.1	90	76-129	
Styrene	ug/L	50	50.3	101	81-129	
tert-Butylbenzene	ug/L	50	47.5	95	76-129	
Tetrachloroethene	ug/L	50	44.8	90	73-132	
Toluene	ug/L	50	46.6	93	72-119	
trans-1,2-Dichloroethene	ug/L	50	48.8	98	74-125	
trans-1,3-Dichloropropene	ug/L	50	48.3	97	75-132	
trans-1,4-Dichloro-2-butene	ug/L	50	48.5J	97	66-152	
Trichloroethene	ug/L	50	48.3	97	75-127	
Trichlorofluoromethane	ug/L	50	55.0	110	64-136	
Vinyl acetate	ug/L	200	237	119	62-159	
Vinyl chloride	ug/L	50	55.2	110	48-133	
Xylene (Total)	ug/L	150	137	91	73-123	
4-Bromofluorobenzene (S)	%			100	79-124	
Dibromofluoromethane (S)	%			101	82-128	
Toluene-d8 (S)	%			100	73-122	

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QUALITY CONTROL DATA

Project: Advanced Finishing

Pace Project No.: 50361868

QC Batch: 768877 Analysis Method: EPA 5030/8260

QC Batch Method: EPA 5030/8260 Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 50361868009, 50361868010, 50361868011, 50361868012, 50361868013, 50361868014, 50361868015, 50361868016, 50361868017, 50361868018, 50361868019, 50361868020

METHOD BLANK: 3522945 Matrix: Water

Associated Lab Samples: 50361868009, 50361868010, 50361868011, 50361868012, 50361868013, 50361868014, 50361868015, 50361868016, 50361868017, 50361868018, 50361868019, 50361868020

Table with 6 columns: Parameter, Units, Blank Result, Reporting Limit, Analyzed, Qualifiers. Lists various chemical compounds and their detection results.

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QUALITY CONTROL DATA

Project: Advanced Finishing

Pace Project No.: 50361868

METHOD BLANK: 3522945

Matrix: Water

Associated Lab Samples: 50361868009, 50361868010, 50361868011, 50361868012, 50361868013, 50361868014, 50361868015, 50361868016, 50361868017, 50361868018, 50361868019, 50361868020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroethane	ug/L	ND	5.0	12/21/23 23:29	
Chloroform	ug/L	ND	5.0	12/21/23 23:29	
Chloromethane	ug/L	ND	5.0	12/21/23 23:29	
cis-1,2-Dichloroethene	ug/L	ND	5.0	12/21/23 23:29	
cis-1,3-Dichloropropene	ug/L	ND	5.0	12/21/23 23:29	
Dibromochloromethane	ug/L	ND	5.0	12/21/23 23:29	
Dibromomethane	ug/L	ND	5.0	12/21/23 23:29	
Dichlorodifluoromethane	ug/L	ND	5.0	12/21/23 23:29	
Ethyl methacrylate	ug/L	ND	100	12/21/23 23:29	
Ethylbenzene	ug/L	ND	5.0	12/21/23 23:29	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	12/21/23 23:29	
Iodomethane	ug/L	ND	10.0	12/21/23 23:29	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	12/21/23 23:29	
Methyl-tert-butyl ether	ug/L	ND	4.0	12/21/23 23:29	
Methylene Chloride	ug/L	ND	5.0	12/21/23 23:29	
n-Butylbenzene	ug/L	ND	5.0	12/21/23 23:29	
n-Hexane	ug/L	ND	5.0	12/21/23 23:29	
n-Propylbenzene	ug/L	ND	5.0	12/21/23 23:29	
Naphthalene	ug/L	ND	1.2	12/21/23 23:29	
p-Isopropyltoluene	ug/L	ND	5.0	12/21/23 23:29	
sec-Butylbenzene	ug/L	ND	5.0	12/21/23 23:29	
Styrene	ug/L	ND	5.0	12/21/23 23:29	
tert-Butylbenzene	ug/L	ND	5.0	12/21/23 23:29	
Tetrachloroethene	ug/L	ND	5.0	12/21/23 23:29	
Toluene	ug/L	ND	5.0	12/21/23 23:29	
trans-1,2-Dichloroethene	ug/L	ND	5.0	12/21/23 23:29	
trans-1,3-Dichloropropene	ug/L	ND	5.0	12/21/23 23:29	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	12/21/23 23:29	
Trichloroethene	ug/L	ND	5.0	12/21/23 23:29	
Trichlorofluoromethane	ug/L	ND	5.0	12/21/23 23:29	
Vinyl acetate	ug/L	ND	50.0	12/21/23 23:29	
Vinyl chloride	ug/L	ND	2.0	12/21/23 23:29	
Xylene (Total)	ug/L	ND	10.0	12/21/23 23:29	
4-Bromofluorobenzene (S)	%	95	79-124	12/21/23 23:29	
Dibromofluoromethane (S)	%	99	82-128	12/21/23 23:29	
Toluene-d8 (S)	%	100	73-122	12/21/23 23:29	

LABORATORY CONTROL SAMPLE: 3522946

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.8	100	81-130	
1,1,1-Trichloroethane	ug/L	50	49.5	99	76-127	
1,1,2,2-Tetrachloroethane	ug/L	50	54.0	108	70-126	

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QUALITY CONTROL DATA

Project: Advanced Finishing

Pace Project No.: 50361868

LABORATORY CONTROL SAMPLE: 3522946

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,2-Trichloroethane	ug/L	50	53.7	107	79-124	
1,1-Dichloroethane	ug/L	50	47.4	95	76-123	
1,1-Dichloroethene	ug/L	50	50.2	100	73-133	
1,1-Dichloropropene	ug/L	50	50.3	101	78-144	
1,2,3-Trichlorobenzene	ug/L	50	53.8	108	72-138	
1,2,3-Trichloropropane	ug/L	50	58.4	117	75-121	
1,2,4-Trichlorobenzene	ug/L	50	48.9	98	71-138	
1,2,4-Trimethylbenzene	ug/L	50	47.8	96	70-127	
1,2-Dibromoethane (EDB)	ug/L	50	51.9	104	80-126	
1,2-Dichlorobenzene	ug/L	50	50.1	100	79-123	
1,2-Dichloroethane	ug/L	50	53.2	106	70-124	
1,2-Dichloropropane	ug/L	50	49.5	99	74-128	
1,3,5-Trimethylbenzene	ug/L	50	47.7	95	71-124	
1,3-Dichlorobenzene	ug/L	50	48.4	97	77-124	
1,3-Dichloropropane	ug/L	50	51.0	102	77-126	
1,4-Dichlorobenzene	ug/L	50	48.7	97	77-120	
1-Methylnaphthalene	ug/L	50	82.5	165	49-175	
2,2-Dichloropropane	ug/L	50	37.0	74	65-136	
2-Butanone (MEK)	ug/L	250	279	112	59-134	
2-Chlorotoluene	ug/L	50	49.2	98	74-121	
2-Hexanone	ug/L	250	290	116	63-134	
2-Methylnaphthalene	ug/L	50	74.6	149	52-170	
4-Chlorotoluene	ug/L	50	49.5	99	78-123	
4-Methyl-2-pentanone (MIBK)	ug/L	250	284	114	67-133	
Acetone	ug/L	250	301	120	32-133	
Acrolein	ug/L	1000	1260	126	35-166	
Acrylonitrile	ug/L	250	278	111	69-137	
Benzene	ug/L	50	47.8	96	74-124	
Bromobenzene	ug/L	50	47.9	96	76-122	
Bromochloromethane	ug/L	50	46.1	92	66-127	
Bromodichloromethane	ug/L	50	53.4	107	80-126	
Bromoform	ug/L	50	55.3	111	75-128	
Bromomethane	ug/L	50	31.5	63	10-183	
Carbon disulfide	ug/L	50	45.6	91	68-123	
Carbon tetrachloride	ug/L	50	49.2	98	78-132	
Chlorobenzene	ug/L	50	48.6	97	77-121	
Chloroethane	ug/L	50	56.1	112	43-140	
Chloroform	ug/L	50	51.1	102	75-118	
Chloromethane	ug/L	50	46.5	93	45-130	
cis-1,2-Dichloroethene	ug/L	50	47.7	95	76-125	
cis-1,3-Dichloropropene	ug/L	50	49.3	99	76-132	
Dibromochloromethane	ug/L	50	52.9	106	79-130	
Dibromomethane	ug/L	50	53.4	107	79-124	
Dichlorodifluoromethane	ug/L	50	41.1	82	10-124	
Ethyl methacrylate	ug/L	50	55.9J	112	73-137	
Ethylbenzene	ug/L	50	48.0	96	74-125	
Hexachloro-1,3-butadiene	ug/L	50	40.3	81	66-141	

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QUALITY CONTROL DATA

Project: Advanced Finishing

Pace Project No.: 50361868

LABORATORY CONTROL SAMPLE: 3522946

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iodomethane	ug/L	50	14.0	28	10-160	
Isopropylbenzene (Cumene)	ug/L	50	47.6	95	75-126	
Methyl-tert-butyl ether	ug/L	50	50.4	101	74-129	
Methylene Chloride	ug/L	50	49.1	98	77-126	
n-Butylbenzene	ug/L	50	46.9	94	72-131	
n-Hexane	ug/L	50	39.6	79	58-131	
n-Propylbenzene	ug/L	50	45.5	91	76-127	
Naphthalene	ug/L	50	59.1	118	70-132	
p-Isopropyltoluene	ug/L	50	47.1	94	76-126	
sec-Butylbenzene	ug/L	50	48.3	97	76-129	
Styrene	ug/L	50	48.9	98	81-129	
tert-Butylbenzene	ug/L	50	47.7	95	76-129	
Tetrachloroethene	ug/L	50	44.3	89	73-132	
Toluene	ug/L	50	47.2	94	72-119	
trans-1,2-Dichloroethene	ug/L	50	46.3	93	74-125	
trans-1,3-Dichloropropene	ug/L	50	50.2	100	75-132	
trans-1,4-Dichloro-2-butene	ug/L	50	45.1J	90	66-152	
Trichloroethene	ug/L	50	47.9	96	75-127	
Trichlorofluoromethane	ug/L	50	50.9	102	64-136	
Vinyl acetate	ug/L	200	235	117	62-159	
Vinyl chloride	ug/L	50	51.7	103	48-133	
Xylene (Total)	ug/L	150	136	90	73-123	
4-Bromofluorobenzene (S)	%			99	79-124	
Dibromofluoromethane (S)	%			101	82-128	
Toluene-d8 (S)	%			101	73-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3522947 3522948

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Spike Conc.	Result	Spike Conc.	Result								
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	52.1	50.8	104	102	60-150	2	20		
1,1,1-Trichloroethane	ug/L	ND	50	50	54.3	53.6	109	107	63-138	1	20		
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	52.3	51.1	105	102	58-146	2	20		
1,1,2-Trichloroethane	ug/L	ND	50	50	53.6	52.7	107	105	63-142	2	20		
1,1-Dichloroethane	ug/L	ND	50	50	49.6	49.3	99	99	64-138	1	20		
1,1-Dichloroethene	ug/L	ND	50	50	56.7	56.4	113	113	65-139	1	20		
1,1-Dichloropropene	ug/L	ND	50	50	56.5	54.7	113	109	68-155	3	20		
1,2,3-Trichlorobenzene	ug/L	ND	50	50	48.5	49.8	97	100	32-141	3	20		
1,2,3-Trichloropropane	ug/L	ND	50	50	57.0	55.5	114	111	54-144	3	20		
1,2,4-Trichlorobenzene	ug/L	ND	50	50	45.8	44.8	92	90	31-140	2	20		
1,2,4-Trimethylbenzene	ug/L	ND	50	50	50.3	49.0	101	98	34-144	2	20		
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	51.7	51.1	103	102	64-139	1	20		
1,2-Dichlorobenzene	ug/L	ND	50	50	49.9	49.6	100	99	50-136	1	20		
1,2-Dichloroethane	ug/L	ND	50	50	55.1	54.5	110	109	55-146	1	20		
1,2-Dichloropropane	ug/L	ND	50	50	53.0	52.6	106	105	66-134	1	20		

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QUALITY CONTROL DATA

Project: Advanced Finishing
 Pace Project No.: 50361868

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3522947 3522948												
Parameter	Units	50361943001		MS	MSD	MS	MSD	MS	MSD	% Rec	Max	
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	RPD	RPD
1,3,5-Trimethylbenzene	ug/L	ND	50	50	50	50.4	48.5	101	97	29-151	4	20
1,3-Dichlorobenzene	ug/L	ND	50	50	50	50.0	48.0	100	96	47-133	4	20
1,3-Dichloropropane	ug/L	ND	50	50	50	51.4	51.7	103	103	61-144	0	20
1,4-Dichlorobenzene	ug/L	ND	50	50	50	50.1	47.7	100	95	50-131	5	20
1-Methylnaphthalene	ug/L	ND	50	50	50	45.2	64.3	90	129	20-176	35	20 R1
2,2-Dichloropropane	ug/L	ND	50	50	50	32.0	31.1	64	62	33-146	3	20
2-Butanone (MEK)	ug/L	ND	250	250	250	257	258	103	103	45-155	0	20
2-Chlorotoluene	ug/L	ND	50	50	50	52.1	50.0	104	100	43-142	4	20
2-Hexanone	ug/L	ND	250	250	250	267	266	107	106	48-157	0	20
2-Methylnaphthalene	ug/L	ND	50	50	50	46.6	59.1	93	118	21-175	24	20 R1
4-Chlorotoluene	ug/L	ND	50	50	50	50.9	49.3	102	99	47-137	3	20
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	250	268	265	107	106	53-156	1	20
Acetone	ug/L	ND	250	250	250	289	290	116	116	16-162	0	20
Acrolein	ug/L	ND	1000	1000	1000	1100	1110	110	111	39-184	1	20
Acrylonitrile	ug/L	ND	250	250	250	263	265	105	106	58-140	1	20
Benzene	ug/L	ND	50	50	50	52.2	51.8	104	104	65-137	1	20
Bromobenzene	ug/L	ND	50	50	50	50.2	48.3	100	97	56-137	4	20
Bromochloromethane	ug/L	ND	50	50	50	49.1	49.2	98	98	56-139	0	20
Bromodichloromethane	ug/L	ND	50	50	50	56.4	55.7	113	111	61-149	1	20
Bromoform	ug/L	ND	50	50	50	52.8	53.1	106	106	51-138	0	20
Bromomethane	ug/L	ND	50	50	50	27.6	34.8	55	70	10-169	23	20 R1
Carbon disulfide	ug/L	ND	50	50	50	50.3	49.7	101	99	55-126	1	20
Carbon tetrachloride	ug/L	ND	50	50	50	55.0	53.9	110	108	65-156	2	20
Chlorobenzene	ug/L	ND	50	50	50	51.6	50.0	103	100	54-135	3	20
Chloroethane	ug/L	ND	50	50	50	63.1	62.6	126	125	46-142	1	20
Chloroform	ug/L	ND	50	50	50	55.1	54.3	110	109	64-133	1	20
Chloromethane	ug/L	ND	50	50	50	52.4	52.3	105	105	30-139	0	20
cis-1,2-Dichloroethene	ug/L	ND	50	50	50	50.7	50.2	101	100	59-141	1	20
cis-1,3-Dichloropropene	ug/L	ND	50	50	50	48.1	47.0	96	94	57-141	2	20
Dibromochloromethane	ug/L	ND	50	50	50	53.4	53.1	107	106	59-147	1	20
Dibromomethane	ug/L	ND	50	50	50	55.0	54.7	110	109	64-142	0	20
Dichlorodifluoromethane	ug/L	ND	50	50	50	45.8	45.0	92	90	10-144	2	20
Ethyl methacrylate	ug/L	ND	50	50	50	53.9J	52.8J	108	106	58-147		20
Ethylbenzene	ug/L	ND	50	50	50	51.9	50.3	104	101	50-143	3	20
Hexachloro-1,3-butadiene	ug/L	ND	50	50	50	40.6	38.6	81	77	16-155	5	20
Iodomethane	ug/L	ND	50	50	50	9.4J	14.8	19	30	10-154		20
Isopropylbenzene (Cumene)	ug/L	ND	50	50	50	51.8	49.9	104	100	36-151	4	20
Methyl-tert-butyl ether	ug/L	ND	50	50	50	49.5	49.0	99	98	66-138	1	20
Methylene Chloride	ug/L	ND	50	50	50	52.4	52.0	105	104	53-126	1	20
n-Butylbenzene	ug/L	ND	50	50	50	49.1	47.3	98	95	31-142	4	20
n-Hexane	ug/L	ND	50	50	50	40.7	38.7	81	77	53-129	5	20
n-Propylbenzene	ug/L	ND	50	50	50	48.7	46.8	97	94	39-145	4	20
Naphthalene	ug/L	ND	50	50	50	51.5	54.3	103	109	51-135	5	20
p-Isopropyltoluene	ug/L	ND	50	50	50	50.4	47.6	101	95	38-145	6	20

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QUALITY CONTROL DATA

Project: Advanced Finishing

Pace Project No.: 50361868

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3522947 3522948												
Parameter	Units	50361943001		MS	MSD	MS		MSD		% Rec Limits	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec			
sec-Butylbenzene	ug/L	ND	50	50	51.1	48.8	102	98	33-153	5	20	
Styrene	ug/L	ND	50	50	51.6	51.0	103	102	57-141	1	20	
tert-Butylbenzene	ug/L	ND	50	50	59.0	57.1	118	114	45-145	3	20	
Tetrachloroethene	ug/L	ND	50	50	48.0	45.9	96	92	43-149	4	20	
Toluene	ug/L	ND	50	50	51.1	49.6	102	99	57-137	3	20	
trans-1,2-Dichloroethene	ug/L	ND	50	50	49.9	49.8	100	100	63-133	0	20	
trans-1,3-Dichloropropene	ug/L	ND	50	50	48.4	47.2	97	94	56-140	2	20	
trans-1,4-Dichloro-2-butene	ug/L	ND	50	50	45.3J	43.9J	91	88	36-169		20	
Trichloroethene	ug/L	ND	50	50	52.3	51.2	104	102	52-145	2	20	
Trichlorofluoromethane	ug/L	ND	50	50	59.4	58.6	119	117	52-144	1	20	
Vinyl acetate	ug/L	ND	200	200	175	176	88	88	27-179	0	20	
Vinyl chloride	ug/L	ND	50	50	58.4	57.9	117	116	43-139	1	20	
Xylene (Total)	ug/L	ND	150	150	146	143	97	95	52-137	2	20	
4-Bromofluorobenzene (S)	%						100	98	79-124			
Dibromofluoromethane (S)	%						99	100	82-128			
Toluene-d8 (S)	%						101	101	73-122			

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QUALIFIERS

Project: Advanced Finishing

Pace Project No.: 50361868

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.

2d This sample was not rerun due to the possibility of carryover from high target compounds. DAP 12/22/23

C8 Result may be biased high due to carryover from previously analyzed sample.

HS Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).

R1 RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Advanced Finishing

Pace Project No.: 50361868

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
50361868001	MW-1	EPA 5030/8260	768875		
50361868002	MW-2	EPA 5030/8260	768875		
50361868003	MW-3	EPA 5030/8260	768875		
50361868004	MW-4	EPA 5030/8260	768875		
50361868005	MW-5	EPA 5030/8260	768875		
50361868006	MW-6	EPA 5030/8260	768875		
50361868007	MW-7	EPA 5030/8260	768875		
50361868008	MW-8	EPA 5030/8260	768875		
50361868009	MW-9	EPA 5030/8260	768877		
50361868010	MW-10	EPA 5030/8260	768877		
50361868011	MW-11	EPA 5030/8260	768877		
50361868012	MW-12	EPA 5030/8260	768877		
50361868013	MW-13	EPA 5030/8260	768877		
50361868014	MW-14	EPA 5030/8260	768877		
50361868015	MW-15	EPA 5030/8260	768877		
50361868016	MW-16	EPA 5030/8260	768877		
50361868017	MW-17	EPA 5030/8260	768877		
50361868018	MW-18	EPA 5030/8260	768877		
50361868019	DUP	EPA 5030/8260	768877		
50361868020	Trip Blank	EPA 5030/8260	768877		

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 Pace Analytical Indianapolis
 7726 Moller Road, Indianapolis, IN 46268

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Company Name: Lynn-Douglas	Contact/Report To: Ray Milejczak
Street Address: 2633 East 136th Street, Carmel, IN 46033	Phone #:
	E-Mail: rdm@lynn-douglas.com
	Cc E-Mail:
Customer Project #: 002-007	Invoice To: Accounts Payable
Project Name: GW VOCs	Invoice E-Mail: wslm@lynn-douglas.com
Site Collection Info/Facility ID (as applicable):	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [] AK [] PT [] MT [] CT [] ET	County / State origin of sample(s): Indiana

Specify Container Size **	**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) Other
6	
Identify Container Preservative Type***	*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other
4	
Analysis Requested	

Data Deliverables:	Regulatory Program (DW, RCRA, etc.) as applicable:
[] Level II [] Level III [] Level IV	
[] EQUIS	
[] Other	
	Rush (Pre-approval required):
	[] 2 Day [] 3 day [] 5 day [] Other
	Date Results Requested: Stadnard 10 BD
	Field Filtered (if applicable): [] Yes [] No
	Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Other (OT), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res. CL2	Number & Type of Containers		8260 MSV Indiana	Sample Comment
			Date	Time	Date	Time		Plastic	Glass		
MW-11	WT	G	12/14	135				3	X		011
MW-12	WT	G	12/14	1210				3	X		012
MW-13	WT	G	12/14	1115				3	X		013
MW-14	WT	G	12/14	100				3	X		014
MW-15	WT	G	12/14	215				3	X		015
MW-16	WT	G	12/15	1045				3	X		016
MW-17	WT	G	12/15	1100				3	X		017
MW-18	WT	G	12/15	140				3	X		018
DUP	WT	G						3	X		019
Trip Blank	WT	G						3	X		020

Proj. Mgr: Kelly Jones	Preservation non-conformance identified for sample.
AcctNum / Client ID:	
Table #:	
Profile / Template: 11433	
Prelog / Bottle Ord. ID: EZ 3005244	

Customer Remarks / Special Conditions / Possible Hazards:	Collected By: Andrew Shull	Additional Instructions from Pace®:
	Printed Name: Andrew Shull	
	Signature:	# Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C) Corrected Temp. (°C)
Relinquished by/Company: (Signature)	Date/Time: 12/15/14:39	Received by/Company: (Signature)
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)

# Coolers: 1	Thermometer ID: F	Correction Factor (°C): -0.1	Obs. Temp. (°C): 5.6	Corrected Temp. (°C): 5.5
Tracking Number:	12/15/13 1639	Delivered by: [] In-Person [] Courier [] FedEx [] UPS [] Other		
Page: 2 of 3				



SAMPLE CONDITION UPON RECEIPT FORM

Date/Time and Initials of person examining contents: 12/15/23 1650 LR

- 1. Courier: FED EX UPS CLIENT PACE NOW/JETT 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 7 8 A B C D E F G H
- 4. Cooler Temperature(s): 5.6/5.5
(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)		<input checked="" type="checkbox"/>	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.			<input checked="" type="checkbox"/>
Short Hold Time Analysis (48 hours or less)? Analysis:		<input checked="" type="checkbox"/>	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:		Residual Chlorine Check (SVOC 625 Pest/PCB 608)	<u>Present</u>	<u>Absent</u>	<u>N/A</u>
Rush TAT Requested (4 days or less):		<input checked="" type="checkbox"/>	Residual Chlorine Check (Total/Amenable/Free Cyanide)			<input checked="" type="checkbox"/>
Custody Signatures Present?	<input checked="" type="checkbox"/>		Headspace Wisconsin Sulfide?			<input checked="" type="checkbox"/>
Containers Intact?:	<input checked="" type="checkbox"/>		Headspace in VOA Vials (>6mm): See Containter Count form for details	<u>Present</u>	<u>Absent</u>	<u>No VOA Vials Sent</u>
Sample Label (IDs/Dates/Times) Match COC?: Except TCs, which only require sample ID		<input checked="" type="checkbox"/>	Trip Blank Present?	<input checked="" type="checkbox"/>		
Extra labels on Terracore Vials? (soils only)		<input checked="" type="checkbox"/>	Trip Blank Custody Seals?:	<input checked="" type="checkbox"/>		

COMMENTS:
Only sample points = MW-8" and =MW-9" received with times and dates on labels - LR 12/15



ENVision Laboratories, Inc.
1439 Sadlier Circle West Drive
Indianapolis, IN 46239
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Fax: 317.351.8639
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Mr. Ron Price
Lynn Douglas, Inc.
PO Box 4405
275 Medical Drive
Carmel, IN 46082

March 25, 2024

ENVision Project Number: 2024-500
Client Project Name: Advanced

Dear Mr. Price,

Please find the attached analytical report for the samples received March 14, 2024. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. ENVision Laboratories looks forward to working with you on your next project.

Yours Sincerely,

A handwritten signature in black ink that reads 'Cheryl A. Crum'. The signature is written in a cursive style with a large initial 'C'.

Cheryl A. Crum

Director of Project Management
ENVision Laboratories, Inc.



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-500
Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 031624BVW

Client Sample ID: MW-1 **Sample Collection Date/Time:** 3/13/24 11:10
Envision Sample Number: 24-2950 **Sample Received Date/Time:** 3/14/24 9:03
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	58.6	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	693	50	2
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	97%		
1,2-Dichloroethane-d4 (surrogate)	93%		
Toluene-d8 (surrogate)	99%		
4-bromofluorobenzene (surrogate)	103%		
Analysis Date/Time:	3-17-24/14:35		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-500
Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 031624BVW

Client Sample ID: MW-2 **Sample Collection Date/Time:** 3/11/24 13:45
Envision Sample Number: 24-2951 **Sample Received Date/Time:** 3/14/24 9:03
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	154	5	
trans-1,2-Dichloroethene	7.36	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	77.1	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	6.72	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	107%		
1,2-Dichloroethane-d4 (surrogate)	99%		
Toluene-d8 (surrogate)	104%		
4-bromofluorobenzene (surrogate)	91%		
Analysis Date/Time:	3-17-24/14:53		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-500

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 031624BVW

Client Sample ID: MW-3 **Sample Collection Date/Time:** 3/13/24 15:30
Envision Sample Number: 24-2952 **Sample Received Date/Time:** 3/14/24 9:03
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	290	2500	1,4
cis-1,2-Dichloroethene	18,400	2500	4
trans-1,2-Dichloroethene	167	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	10.1	5	
Toluene	187	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	23.1	5	
Trichloroethene	53,100	10000	5
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	355	1000	1,4
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	90%		
1,2-Dichloroethane-d4 (surrogate)	94%		
Toluene-d8 (surrogate)	98%		
4-bromofluorobenzene (surrogate)	98%		
Analysis Date/Time:	3-17-24/15:10		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-500
Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 031624BVW

Client Sample ID: MW-4 **Sample Collection Date/Time:** 3/13/24 12:20
Envision Sample Number: 24-2953 **Sample Received Date/Time:** 3/14/24 9:03
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	144	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	367	50	2
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	96%		
1,2-Dichloroethane-d4 (surrogate)	95%		
Toluene-d8 (surrogate)	101%		
4-bromofluorobenzene (surrogate)	99%		
Analysis Date/Time:	3-17-24/15:28		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-500
Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 031624BVW

Client Sample ID: MW-5 **Sample Collection Date/Time:** 3/12/24 15:30
Envision Sample Number: 24-2954 **Sample Received Date/Time:** 3/14/24 9:03
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	112%		
1,2-Dichloroethane-d4 (surrogate)	108%		
Toluene-d8 (surrogate)	91%		
4-bromofluorobenzene (surrogate)	112%		
Analysis Date/Time:	3-17-24/15:45		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-500
Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 031624BVW

Client Sample ID: MW-6 **Sample Collection Date/Time:** 3/11/24 16:15
Envision Sample Number: 24-2955 **Sample Received Date/Time:** 3/14/24 9:03
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	81.7	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	11.5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	102%		
1,2-Dichloroethane-d4 (surrogate)	99%		
Toluene-d8 (surrogate)	101%		
4-bromofluorobenzene (surrogate)	97%		
Analysis Date/Time:	3-17-24/16:37		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-500
Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 031624BVW

Client Sample ID: MW-7 **Sample Collection Date/Time:** 3/12/24 17:00
Envision Sample Number: 24-2956 **Sample Received Date/Time:** 3/14/24 9:03
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	105%		
1,2-Dichloroethane-d4 (surrogate)	102%		
Toluene-d8 (surrogate)	105%		
4-bromofluorobenzene (surrogate)	116%		
Analysis Date/Time:	3-17-24/16:55		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-500
Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 031624BVW

Client Sample ID: MW-8 **Sample Collection Date/Time:** 3/12/24 16:30
Envision Sample Number: 24-2957 **Sample Received Date/Time:** 3/14/24 9:03
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	85%		
1,2-Dichloroethane-d4 (surrogate)	97%		
Toluene-d8 (surrogate)	100%		
4-bromofluorobenzene (surrogate)	98%		
Analysis Date/Time:	3-17-24/17:12		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-500
Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 031624BVW

Client Sample ID: MW-9 **Sample Collection Date/Time:** 3/13/24 14:40
Envision Sample Number: 24-2958 **Sample Received Date/Time:** 3/14/24 9:03
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	100%		
1,2-Dichloroethane-d4 (surrogate)	100%		
Toluene-d8 (surrogate)	100%		
4-bromofluorobenzene (surrogate)	101%		
Analysis Date/Time:	3-17-24/17:30		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-500
Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 031624BVW

Client Sample ID: MW-10 **Sample Collection Date/Time:** 3/11/24 12:45
Envision Sample Number: 24-2959 **Sample Received Date/Time:** 3/14/24 9:03
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	14.8	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	119%		
1,2-Dichloroethane-d4 (surrogate)	87%		
Toluene-d8 (surrogate)	93%		
4-bromofluorobenzene (surrogate)	97%		
Analysis Date/Time:	3-17-24/18:05		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-500

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 031924VW

Client Sample ID: MW-11 **Sample Collection Date/Time:** 3/12/24 12:00
Envision Sample Number: 24-2960 **Sample Received Date/Time:** 3/14/24 9:03
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	5.33	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	102%		
1,2-Dichloroethane-d4 (surrogate)	96%		
Toluene-d8 (surrogate)	100%		
4-bromofluorobenzene (surrogate)	96%		
Analysis Date/Time:	3-19-24/05:32		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-500
Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 031924VW

Client Sample ID: MW-12 **Sample Collection Date/Time:** 3/12/24 14:50
Envision Sample Number: 24-2961 **Sample Received Date/Time:** 3/14/24 9:03
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	50.8	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	92%		
1,2-Dichloroethane-d4 (surrogate)	99%		
Toluene-d8 (surrogate)	105%		
4-bromofluorobenzene (surrogate)	91%		
Analysis Date/Time:	3-19-24/05:49		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-500

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 031924VW

Client Sample ID: MW-13 **Sample Collection Date/Time:** 3/12/24 14:10
Envision Sample Number: 24-2962 **Sample Received Date/Time:** 3/14/24 9:03
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	98%		
1,2-Dichloroethane-d4 (surrogate)	95%		
Toluene-d8 (surrogate)	112%		
4-bromofluorobenzene (surrogate)	91%		
Analysis Date/Time:	3-19-24/06:07		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-500

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 031924VW

Client Sample ID: MW-14 **Sample Collection Date/Time:** 3/12/24 11:30
Envision Sample Number: 24-2963 **Sample Received Date/Time:** 3/14/24 9:03
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	9.68	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	100%		
1,2-Dichloroethane-d4 (surrogate)	86%		
Toluene-d8 (surrogate)	93%		
4-bromofluorobenzene (surrogate)	91%		
Analysis Date/Time:	3-19-24/06:24		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-500

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 031924VW

Client Sample ID: MW-15 **Sample Collection Date/Time:** 3/12/24 13:15
Envision Sample Number: 24-2964 **Sample Received Date/Time:** 3/14/24 9:03
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	85%		
1,2-Dichloroethane-d4 (surrogate)	99%		
Toluene-d8 (surrogate)	97%		
4-bromofluorobenzene (surrogate)	89%		
Analysis Date/Time:	3-19-24/06:42		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-500

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 031924VW

Client Sample ID: MW-16 **Sample Collection Date/Time:** 3/11/24 12:10
Envision Sample Number: 24-2965 **Sample Received Date/Time:** 3/14/24 9:03
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	99%		
1,2-Dichloroethane-d4 (surrogate)	93%		
Toluene-d8 (surrogate)	94%		
4-bromofluorobenzene (surrogate)	87%		
Analysis Date/Time:	3-19-24/06:59		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-500

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 031924VW

Client Sample ID: MW-17 **Sample Collection Date/Time:** 3/13/24 10:45
Envision Sample Number: 24-2966 **Sample Received Date/Time:** 3/14/24 9:03
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	98%		
1,2-Dichloroethane-d4 (surrogate)	112%		
Toluene-d8 (surrogate)	100%		
4-bromofluorobenzene (surrogate)	93%		
Analysis Date/Time:	3-19-24/07:17		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-500

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 031924VW

Client Sample ID: MW-18 **Sample Collection Date/Time:** 3/11/24 15:05
Envision Sample Number: 24-2967 **Sample Received Date/Time:** 3/14/24 9:03
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	94%		
1,2-Dichloroethane-d4 (surrogate)	113%		
Toluene-d8 (surrogate)	110%		
4-bromofluorobenzene (surrogate)	89%		
Analysis Date/Time:	3-19-24/07:34		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-500

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 031924VW

Client Sample ID: DUP
Envision Sample Number: 24-2968
Sample Matrix: water
Sample Collection Date/Time:
Sample Received Date/Time: 3/14/24 9:03

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	155	5	
trans-1,2-Dichloroethene	7.58	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	77.2	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	6.70	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	107%		
1,2-Dichloroethane-d4 (surrogate)	102%		
Toluene-d8 (surrogate)	93%		
4-bromofluorobenzene (surrogate)	89%		
Analysis Date/Time:	3-19-24/08:09		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-500
Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 031924VW

Client Sample ID: TB
Envision Sample Number: 24-2969
Sample Matrix: water
Sample Collection Date/Time:
Sample Received Date/Time: 3/14/24 9:03

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	100%		
1,2-Dichloroethane-d4 (surrogate)	91%		
Toluene-d8 (surrogate)	89%		
4-bromofluorobenzene (surrogate)	95%		
Analysis Date/Time:	3-19-24/08:44		
Analyst Initials	tjg		



EPA 8260 Quality Control Data

ENVision Batch Number: 031624BVW

<u>Method Blank (MB):</u>	<u>MB Results (ug/L)</u>	<u>Rep Lim (ug/L)</u>	<u>Flag</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	



8260 QC Continued...

<u>Method Blank (MB):</u>	<u>MB Results (ug/L)</u>	<u>Rep Lim (ug/L)</u>	<u>Flag</u>
Hexachloro-1,3-butadiene	< 2.6	2.6	
2-Hexanone	< 10	10	
n-Hexane	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (total)	< 10	10	
Dibromofluoromethane (surrogate)	107%		
1,2-Dichloroethane-d4 (surrogate)	97%		
Toluene-d8 (surrogate)	99%		
4-bromofluorobenzene (surrogate)	92%		
Analysis Date/Time:	3-17-24/07:36		
Analyst Initials	tjg		



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8260 QC Continued...

<u>LCS/LCSD</u>	<u>LCS Results (ug/L)</u>	<u>LCS/LCSD Conc. (ug/L)</u>	<u>LCSD Result (ug/L)</u>	<u>LCS Rec.</u>	<u>LCSD Rec.</u>	<u>% D</u>	<u>Flag</u>
Vinyl Chloride	50.6	50	52.4	101%	105%	3.5	
1,1-Dichloroethene	44.8	50	50.1	90%	100%	11.2	
trans-1,2-Dichloroethene	47.3	50	53.4	95%	107%	12.1	
Methyl-tert-butyl-ether	54.0	50	57.5	108%	115%	6.3	
1,1-Dichloroethane	49.4	50	51.0	99%	102%	3.2	
cis-1,2-Dichloroethene	49.7	50	49.3	99%	99%	0.8	
Chloroform	48.3	50	49.1	97%	98%	1.6	
1,1,1-Trichloroethane	49.1	50	49.5	98%	99%	0.8	
Benzene	58.2	50	50.3	116%	101%	14.6	
Trichloroethene	51.8	50	54.9	104%	110%	5.8	
Toluene	53.3	50	52.1	107%	104%	2.3	
1,1,1,2-Tetrachloroethane	47.0	50	48.0	94%	96%	2.1	
Chlorobenzene	54.6	50	54.4	109%	109%	0.4	
Ethylbenzene	50.8	50	49.5	102%	99%	2.6	
o-Xylene	52.5	50	51.5	105%	103%	1.9	
n-Propylbenzene	52.8	50	51.4	106%	103%	2.7	
Dibromofluoromethane (surrogate)	96%		95%				
1,2-Dichloroethane-d4 (surrogate)	103%		105%				
Toluene-d8 (surrogate)	114%		102%				
4-bromofluorobenzene (surrogate)	95%		89%				
Analysis Date/Time:	3-17-24/06:26		3-17-24/07:01				
Analyst Initials	tjg		tjg				



EPA 8260 Quality Control Data

ENVision Batch Number: 031924VW

<u>Method Blank (MB):</u>	<u>MB Results (ug/L)</u>	<u>Rep Lim (ug/L)</u>	<u>Flag</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	



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8260 QC Continued...

<u>Method Blank (MB):</u>	<u>MB Results (ug/L)</u>	<u>Rep Lim (ug/L)</u>	<u>Flag</u>
Hexachloro-1,3-butadiene	< 2.6	2.6	
2-Hexanone	< 10	10	
n-Hexane	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (total)	< 10	10	
Dibromofluoromethane (surrogate)	96%		
1,2-Dichloroethane-d4 (surrogate)	93%		
Toluene-d8 (surrogate)	103%		
4-bromofluorobenzene (surrogate)	94%		
Analysis Date/Time:	3-19-24/05:15		
Analyst Initials	tjg		



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8260 QC Continued...

<u>LCS/LCSD</u>	<u>LCS Results (ug/L)</u>	<u>LCS/LCSD Conc. (ug/L)</u>	<u>LCSD Result (ug/L)</u>	<u>LCS Rec.</u>	<u>LCSD Rec.</u>	<u>% D</u>	<u>Flag</u>
Vinyl Chloride	46.9	50	52.7	94%	105%	11.6	
1,1-Dichloroethene	48.6	50	44.2	97%	88%	9.5	
trans-1,2-Dichloroethene	56.2	50	51.0	112%	102%	9.7	
Methyl-tert-butyl-ether	49.4	50	45.1	99%	90%	9.1	
1,1-Dichloroethane	54.8	50	45.2	110%	90%	19.2	
cis-1,2-Dichloroethene	51.8	50	51.2	104%	102%	1.2	
Chloroform	50.4	50	44.9	101%	90%	11.5	
1,1,1-Trichloroethane	51.2	50	44.3	102%	89%	14.5	
Benzene	49.3	50	50.8	99%	102%	3.0	
Trichloroethene	49.7	50	48.8	99%	98%	1.8	
Toluene	50.5	50	54.4	101%	109%	7.4	
1,1,1,2-Tetrachloroethane	42.9	50	49.2	86%	98%	13.7	
Chlorobenzene	49.2	50	54.5	98%	109%	10.2	
Ethylbenzene	46.4	50	51.0	93%	102%	9.4	
o-Xylene	46.7	50	50.8	93%	102%	8.4	
n-Propylbenzene	47.3	50	53.1	95%	106%	11.6	
Dibromofluoromethane (surrogate)	109%		89%				
1,2-Dichloroethane-d4 (surrogate)	115%		111%				
Toluene-d8 (surrogate)	112%		102%				
4-bromofluorobenzene (surrogate)	112%		96%				
Analysis Date/Time:	3-19-24/04:21		3-19-24/04:39				
Analyst Initials	tjg		tjg				



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<u>Flag Number</u>	<u>Comments</u>
1	Reported value is below the reporting limit but above the MDL.
2	Reported value is from a 10x dilution. TJJ 3/25/24
3	Reported value is from a 20x dilution. TJJ 3/25/24
4	Reported value is from a 500x dilution. TJJ 3/25/24
5	Reported value is from a 2000x dilution. TJJ 3/25/24



CHAIN OF CUSTODY RECORD

ENVision Laboratories, Inc. | 1439 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-8632 | Fax: (317) 351-8639

Client: LDI	Invoice Address: 1416 Sadlier Circle	REQUESTED PARAMETERS	
Report Address: 1416 Sadlier Circle Indianapolis, IN 46239	Project Name: Advanced	<p style="font-size: 2em; transform: rotate(-45deg);">VOCs by 8260</p>	
Report To: BOB	Lab Contact:		
Phone: 317 835-3826	Sampled by: Andrew		
Fax:	P.O. Number: 002-067		
Desired TAT: (Please Circle One) 1-day 2-day 3-day 5d (5-7 bus. days)	QA/QC Required: (circle if applicable) Level III Level IV		

Please indicate number of containers per preservative below

Sample ID	Coll. Date	Coll. Time	Comp (C) Grab (G)	Matrix	HCl	HNO ₃	H ₂ SO ₄	NaOH	Other	None	ENVision Sample ID
MW-1	3/13	1110	G	GW							24-2950
MW-2	3/11	145	G	GW							2951
MW-3	3/13	330	G	GW							2952
MW-4	3/13	1220	G	GW							2953
MW-5	3/12	330	G	GW							2954
MW-6	3/11	415	G	GW							2955
MW-7	3/12	500	G	GW							2956
MW-8	3/12	430	G	GW							2957
MW-9	3/13	240	G	GW							2958
MW-10	3/11	1245	G	GW							2959
MW-11	3/12	1200	G	GW							2960

Comments:

Relinquished by: <i>Andrew Hall</i>	Date: 3/14	Time: 903	Received by: <i>J. R. Smith</i>	Date: 3/14/24	Time: 903
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CHAIN OF CUSTODY RECORD

ENVISSION Laboratories, Inc. | 1439 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-8632 | Fax: (317) 351-8639

Client: LDI	Invoice Address: 1416 Sadlier
Report 1416 Sadlier Circle Address: Indianapolis IN 46239	Project Name: Advanced
Report To: Bob	Lab Contact:
Phone: 317 835-3826	Sampled by: Andrew
Fax:	P.O. Number: 602-007
Desired TAT: (Please Circle One) 1-day 2-day 3-day 5-7 bus. days	QA/QC Required: (circle if applicable) Level III Level IV

REQUESTED PARAMETERS

VOC's 19, 20, 21, 22, 23, 24

Sample Integrity:

Cooler Temp: 3 °C
(Circle)

Samples on Ice? Yes No

Samples Intact? Yes No

Custody Seal: Yes No

ENVISSION provided bottles: Yes No

VOC vials free of head-space: Yes No N/A

pH checked? Yes No N/A

Method 5035 collection used? Yes No

5035 samples received within 48 hr of Collection? Yes No

Please indicate number of containers per preservative below

Sample ID	Coll. Date	Coll. Time	Comp (C) Grab (G)	Matrix	HCl	HNO ₃	H ₂ SO ₄	NaOH	Other	None	ENVISSION Sample ID
MW-12	3/12	250	G	GW							24-2961
MW-13	3/12	210	G	GW							2962
MW-14	3/12	1130	G	GW							2963
MW-15	3/12	115	G	GW							2964
MW-16	3/11	1240	G	GW							2965
MW-17	3/13	1045	G	GW							2966
MW-18	3/11	305	G	GW							2967
DUP			G	GW							2968
TB											2969

Comments:

Relinquished by: <i>[Signature]</i>	Date: 3-14-24	Time: 9:03	Received by: <i>[Signature]</i>	Date: 3-14-24	Time: 9:03
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ENVision Laboratories, Inc.
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Mr. Ron Price
Lynn Douglas, Inc.
PO Box 4405
275 Medical Drive
Carmel, IN 46082

April 3, 2024

ENVision Project Number: 2024-610
Client Project Name: Advanced

Dear Mr. Price,

Please find the attached analytical report for the samples received March 27, 2024. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. ENVision Laboratories looks forward to working with you on your next project.

Yours Sincerely,

A handwritten signature in black ink that reads 'Cheryl A. Crum'. The signature is written in a cursive style with a large, flowing 'C' at the beginning.

Cheryl A. Crum

Director of Project Management
ENVision Laboratories, Inc.



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-610
Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 033124VW

Client Sample ID: MW-3 **Sample Collection Date/Time:** 3/27/24 14:40
Envision Sample Number: 24-3799 **Sample Received Date/Time:** 3/27/24 16:53
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	170	5	
cis-1,2-Dichloroethene	19,100	2500	4
trans-1,2-Dichloroethene	222	100	2
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	18.5	5	
Toluene	190	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	26.9	5	
Trichloroethene	308,000	10000	3
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	298	40	2
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	88%		
1,2-Dichloroethane-d4 (surrogate)	91%		
Toluene-d8 (surrogate)	89%		
4-bromofluorobenzene (surrogate)	111%		
Analysis Date/Time:	03-31-24/20:27		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-610

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 033124VW

Client Sample ID: TB
Envision Sample Number: 24-3800
Sample Matrix: water
Sample Collection Date/Time:
Sample Received Date/Time: 3/27/24 16:53

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	105%		
1,2-Dichloroethane-d4 (surrogate)	100%		
Toluene-d8 (surrogate)	94%		
4-bromofluorobenzene (surrogate)	93%		
Analysis Date/Time:	03-31-24/22:01		
Analyst Initials	tjg		



EPA 8260 Quality Control Data

ENVision Batch Number: 033124VW

<u>Method Blank (MB):</u>	<u>MB Results (ug/L)</u>	<u>Rep Lim (ug/L)</u>	<u>Flag</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	



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8260 QC Continued...

<u>Method Blank (MB):</u>	<u>MB Results (ug/L)</u>	<u>Rep Lim (ug/L)</u>	<u>Flag</u>
Hexachloro-1,3-butadiene	< 2.6	2.6	
2-Hexanone	< 10	10	
n-Hexane	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (total)	< 10	10	
Dibromofluoromethane (surrogate)	101%		
1,2-Dichloroethane-d4 (surrogate)	96%		
Toluene-d8 (surrogate)	97%		
4-bromofluorobenzene (surrogate)	89%		
Analysis Date/Time:	3-31-24/11:22		
Analyst Initials	tjg		



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8260 QC Continued...

<u>LCS/LCSD</u>	<u>LCS Results (ug/L)</u>	<u>LCS/LCSD Conc. (ug/L)</u>	<u>LCSD Result (ug/L)</u>	<u>LCS Rec.</u>	<u>LCSD Rec.</u>	<u>% D</u>	<u>Flag</u>
Vinyl Chloride	48.9	50	49.8	98%	100%	1.8	
1,1-Dichloroethene	51.7	50	47.4	103%	95%	8.7	
trans-1,2-Dichloroethene	48.4	50	48.2	97%	96%	0.4	
Methyl-tert-butyl-ether	48.7	50	49.3	97%	99%	1.2	
1,1-Dichloroethane	50.8	50	50.6	102%	101%	0.4	
cis-1,2-Dichloroethene	52.5	50	51.3	105%	103%	2.3	
Chloroform	48.8	50	48.8	98%	98%	0.0	
1,1,1-Trichloroethane	51.9	50	50.4	104%	101%	2.9	
Benzene	52.0	50	49.3	104%	99%	5.3	
Trichloroethene	51.4	50	50.1	103%	100%	2.6	
Toluene	48.8	50	50.1	98%	100%	2.6	
1,1,1,2-Tetrachloroethane	54.6	50	53.0	109%	106%	3.0	
Chlorobenzene	51.3	50	51.9	103%	104%	1.2	
Ethylbenzene	53.2	50	53.8	106%	108%	1.1	
o-Xylene	56.4	50	58.0	113%	116%	2.8	
n-Propylbenzene	52.0	50	52.2	104%	104%	0.4	
Dibromofluoromethane (surrogate)	92%		95%				
1,2-Dichloroethane-d4 (surrogate)	93%		97%				
Toluene-d8 (surrogate)	93%		100%				
4-bromofluorobenzene (surrogate)	96%		108%				
Analysis Date/Time:	3-31-24/10:35		3-31-24/10:50				
Analyst Initials	tjg		tjg				



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<u>Flag Number</u>	<u>Comments</u>
1	Reported value is below the reporting limit but above the MDL.
2	Reported value is from a 20x dilution. TJJG 04-03-24
3	Reported value is from a 2000x dilution. TJJG 04-03-24
4	Reported value is from a 500x dilution. TJJG 04-03-24



ENVision Laboratories, Inc.
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Mr. Ron Price
Lynn Douglas, Inc.
PO Box 4405
275 Medical Drive
Carmel, IN 46082

June 4, 2024

ENVision Project Number: 2024-1107
Client Project Name: Advanced

Dear Mr. Price,

Please find the attached analytical report for the samples received May 24, 2024. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. ENVision Laboratories looks forward to working with you on your next project.

Yours Sincerely,

A handwritten signature in black ink that reads "Cheryl A. Crum". The signature is written in a cursive style.

Cheryl A. Crum

Director of Project Management
ENVision Laboratories, Inc.



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-1107

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 052924VW

Client Sample ID: MW-1 **Sample Collection Date/Time:** 5/21/24 15:50
Envision Sample Number: 24-6905 **Sample Received Date/Time:** 5/24/24 9:15
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	128	5	
trans-1,2-Dichloroethene	5.80	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	1,490	100	3
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	115%		
1,2-Dichloroethane-d4 (surrogate)	116%		
Toluene-d8 (surrogate)	104%		
4-bromofluorobenzene (surrogate)	96%		
Analysis Date/Time:	5-30-24/02:16		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-1107
Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 052924VW

Client Sample ID: MW-2 **Sample Collection Date/Time:** 5/21/24 15:00
Envision Sample Number: 24-6906 **Sample Received Date/Time:** 5/24/24 9:15
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	31.4	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	10.4	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	121%		
1,2-Dichloroethane-d4 (surrogate)	122%		
Toluene-d8 (surrogate)	108%		
4-bromofluorobenzene (surrogate)	100%		
Analysis Date/Time:	5-30-24/02:31		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-1107
Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 052924VW

Client Sample ID: MW-3 **Sample Collection Date/Time:** 5/22/24 15:00
Envision Sample Number: 24-6907 **Sample Received Date/Time:** 5/24/24 9:15
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	310	100	3
cis-1,2-Dichloroethene	30,300	2500	4
trans-1,2-Dichloroethene	238	100	3
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	15.8	5	
Toluene	190	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	29.8	5	
Trichloroethene	519,000	50000	5
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	371	40	3
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	95%		
1,2-Dichloroethane-d4 (surrogate)	96%		
Toluene-d8 (surrogate)	102%		
4-bromofluorobenzene (surrogate)	96%		
Analysis Date/Time:	5-30-24/02:47		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-1107

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 052924VW

Client Sample ID: MW-4 **Sample Collection Date/Time:** 5/21/24 16:25
Envision Sample Number: 24-6908 **Sample Received Date/Time:** 5/24/24 9:15
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	1,310	50	2
trans-1,2-Dichloroethene	12.0	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	6.02	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	66.5	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	115%		
1,2-Dichloroethane-d4 (surrogate)	111%		
Toluene-d8 (surrogate)	104%		
4-bromofluorobenzene (surrogate)	95%		
Analysis Date/Time:	5-30-24/05:02		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-1107
Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 052924VW

Client Sample ID: MW-5 **Sample Collection Date/Time:** 5/22/24 12:55
Envision Sample Number: 24-6909 **Sample Received Date/Time:** 5/24/24 9:15
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	118%		
1,2-Dichloroethane-d4 (surrogate)	115%		
Toluene-d8 (surrogate)	110%		
4-bromofluorobenzene (surrogate)	97%		
Analysis Date/Time:	5-30-24/03:34		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-1107

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 052924VW

Client Sample ID: MW-6 **Sample Collection Date/Time:** 5/20/24 15:45
Envision Sample Number: 24-6910 **Sample Received Date/Time:** 5/24/24 9:15
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	166	5	
trans-1,2-Dichloroethene	6.71	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	31.8	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	114%		
1,2-Dichloroethane-d4 (surrogate)	114%		
Toluene-d8 (surrogate)	107%		
4-bromofluorobenzene (surrogate)	99%		
Analysis Date/Time:	5-30-24/03:49		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-1107
Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 053024VW(1)

Client Sample ID: MW-7 **Sample Collection Date/Time:** 5/21/24 18:00
Envision Sample Number: 24-6911 **Sample Received Date/Time:** 5/24/24 9:15
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	100%		
1,2-Dichloroethane-d4 (surrogate)	102%		
Toluene-d8 (surrogate)	99%		
4-bromofluorobenzene (surrogate)	91%		
Analysis Date/Time:	5-30-24/12:09		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-1107

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 053024VW(1)

Client Sample ID: MW-8 **Sample Collection Date/Time:** 5/21/24 17:25
Envision Sample Number: 24-6912 **Sample Received Date/Time:** 5/24/24 9:15
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	16.5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	5.99	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	109%		
1,2-Dichloroethane-d4 (surrogate)	109%		
Toluene-d8 (surrogate)	110%		
4-bromofluorobenzene (surrogate)	95%		
Analysis Date/Time:	5-30-24/12:25		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-1107
Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 053024VW(1)

Client Sample ID: MW-9 **Sample Collection Date/Time:** 5/21/24 14:15
Envision Sample Number: 24-6913 **Sample Received Date/Time:** 5/24/24 9:15
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	115%		
1,2-Dichloroethane-d4 (surrogate)	108%		
Toluene-d8 (surrogate)	108%		
4-bromofluorobenzene (surrogate)	96%		
Analysis Date/Time:	5-30-24/12:41		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-1107
Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 053024VW(1)

Client Sample ID: MW-10 **Sample Collection Date/Time:** 5/22/24 11:30
Envision Sample Number: 24-6914 **Sample Received Date/Time:** 5/24/24 9:15
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	9.84	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	114%		
1,2-Dichloroethane-d4 (surrogate)	107%		
Toluene-d8 (surrogate)	104%		
4-bromofluorobenzene (surrogate)	98%		
Analysis Date/Time:	5-30-24/13:13		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-1107
Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 053024VW(1)

Client Sample ID: MW-11 **Sample Collection Date/Time:** 5/20/24 11:30
Envision Sample Number: 24-6915 **Sample Received Date/Time:** 5/24/24 9:15
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	5.26	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	112%		
1,2-Dichloroethane-d4 (surrogate)	110%		
Toluene-d8 (surrogate)	106%		
4-bromofluorobenzene (surrogate)	97%		
Analysis Date/Time:	5-30-24/13:29		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-1107
Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 053024VW(1)

Client Sample ID: MW-12 **Sample Collection Date/Time:** 5/20/24 13:10
Envision Sample Number: 24-6916 **Sample Received Date/Time:** 5/24/24 9:15
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	31.7	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	109%		
1,2-Dichloroethane-d4 (surrogate)	109%		
Toluene-d8 (surrogate)	110%		
4-bromofluorobenzene (surrogate)	101%		
Analysis Date/Time:	5-30-24/14:00		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-1107
Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 053024VW(1)

Client Sample ID: MW-13 **Sample Collection Date/Time:** 5/20/24 12:20
Envision Sample Number: 24-6917 **Sample Received Date/Time:** 5/24/24 9:15
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	109%		
1,2-Dichloroethane-d4 (surrogate)	109%		
Toluene-d8 (surrogate)	109%		
4-bromofluorobenzene (surrogate)	96%		
Analysis Date/Time:	5-30-24/14:47		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-1107
Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 053024VW(1)

Client Sample ID: MW-14 **Sample Collection Date/Time:** 5/20/24 10:45
Envision Sample Number: 24-6918 **Sample Received Date/Time:** 5/24/24 9:15
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	17.4	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	111%		
1,2-Dichloroethane-d4 (surrogate)	112%		
Toluene-d8 (surrogate)	106%		
4-bromofluorobenzene (surrogate)	99%		
Analysis Date/Time:	5-30-24/15:03		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-1107
Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 053024VW(2)

Client Sample ID: MW-15 **Sample Collection Date/Time:** 5/24/24 8:00
Envision Sample Number: 24-6919 **Sample Received Date/Time:** 5/24/24 9:15
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	115%		
1,2-Dichloroethane-d4 (surrogate)	115%		
Toluene-d8 (surrogate)	107%		
4-bromofluorobenzene (surrogate)	95%		
Analysis Date/Time:	5-30-24/22:30		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-1107

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 053024VW(2)

Client Sample ID: MW-16 **Sample Collection Date/Time:** 5/22/24 12:00
Envision Sample Number: 24-6920 **Sample Received Date/Time:** 5/24/24 9:15
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	114%		
1,2-Dichloroethane-d4 (surrogate)	113%		
Toluene-d8 (surrogate)	108%		
4-bromofluorobenzene (surrogate)	102%		
Analysis Date/Time:	5-30-24/22:45		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-1107

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 053024VW(2)

Client Sample ID: MW-17 **Sample Collection Date/Time:** 5/23/24 9:15
Envision Sample Number: 24-6921 **Sample Received Date/Time:** 5/24/24 9:15
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	113%		
1,2-Dichloroethane-d4 (surrogate)	113%		
Toluene-d8 (surrogate)	105%		
4-bromofluorobenzene (surrogate)	93%		
Analysis Date/Time:	5-30-24/23:01		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-1107
Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 053024VW(2)

Client Sample ID: MW-18 **Sample Collection Date/Time:** 5/22/24 14:15
Envision Sample Number: 24-6922 **Sample Received Date/Time:** 5/24/24 9:15
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	101%		
1,2-Dichloroethane-d4 (surrogate)	107%		
Toluene-d8 (surrogate)	110%		
4-bromofluorobenzene (surrogate)	102%		
Analysis Date/Time:	5-31-24/00:49		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-1107
Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 053024VW(2)

Client Sample ID: MW-19 **Sample Collection Date/Time:** 5/20/24 14:50
Envision Sample Number: 24-6923 **Sample Received Date/Time:** 5/24/24 9:15
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	107%		
1,2-Dichloroethane-d4 (surrogate)	114%		
Toluene-d8 (surrogate)	109%		
4-bromofluorobenzene (surrogate)	101%		
Analysis Date/Time:	5-31-24/01:04		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-1107

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 053024VW(2)

Client Sample ID: MW-20 **Sample Collection Date/Time:** 5/20/24 14:15
Envision Sample Number: 24-6924 **Sample Received Date/Time:** 5/24/24 9:15
Sample Matrix: water

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	111%		
1,2-Dichloroethane-d4 (surrogate)	115%		
Toluene-d8 (surrogate)	109%		
4-bromofluorobenzene (surrogate)	99%		
Analysis Date/Time:	5-31-24/01:20		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-1107
Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 053024VW(2)

Client Sample ID: DUP
Envision Sample Number: 24-6925
Sample Matrix: water
Sample Collection Date/Time:
Sample Received Date/Time: 5/24/24 9:15

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	17.6	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	106%		
1,2-Dichloroethane-d4 (surrogate)	103%		
Toluene-d8 (surrogate)	104%		
4-bromofluorobenzene (surrogate)	101%		
Analysis Date/Time:	5-31-24/01:35		
Analyst Initials	tjg		



Analytical Report

Client Name: LDI
Project ID: ADVANCED
Client Project Manager: RON PRICE
ENVision Project Number: 2024-1107

Analytical Method: EPA 8260
Prep Method: EPA 5030B
Analytical Batch: 053024VW(2)

Client Sample ID: TB
Envision Sample Number: 24-6926
Sample Matrix: water
Sample Collection Date/Time:
Sample Received Date/Time: 5/24/24 9:15

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	



Analytical Report

8260 continued...

<u>Compounds</u>	<u>Sample Results (ug/L)</u>	<u>Reporting Limit (ug/L)</u>	<u>Flags</u>
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	
Hexachloro-1,3-butadiene	< 2.6	2.6	
n-Hexane	< 10	10	
2-Hexanone	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (Total)	< 10	10	
Dibromofluoromethane (surrogate)	109%		
1,2-Dichloroethane-d4 (surrogate)	109%		
Toluene-d8 (surrogate)	107%		
4-bromofluorobenzene (surrogate)	99%		
Analysis Date/Time:	5-30-24/21:27		
Analyst Initials	tjg		



EPA 8260 Quality Control Data

ENVision Batch Number: 052924VW

<u>Method Blank (MB):</u>	<u>MB Results (ug/L)</u>	<u>Rep Lim (ug/L)</u>	<u>Flag</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	



8260 QC Continued...

<u>Method Blank (MB):</u>	<u>MB Results (ug/L)</u>	<u>Rep Lim (ug/L)</u>	<u>Flag</u>
Hexachloro-1,3-butadiene	< 2.6	2.6	
2-Hexanone	< 10	10	
n-Hexane	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (total)	< 10	10	
Dibromofluoromethane (surrogate)	104%		
1,2-Dichloroethane-d4 (surrogate)	102%		
Toluene-d8 (surrogate)	106%		
4-bromofluorobenzene (surrogate)	99%		
Analysis Date/Time:	5-29-24/19:30		
Analyst Initials	tjg		



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8260 QC Continued...

<u>LCS/LCSD</u>	<u>LCS Results (ug/L)</u>	<u>LCS/LCSD Conc. (ug/L)</u>	<u>LCSD Result (ug/L)</u>	<u>LCS Rec.</u>	<u>LCSD Rec.</u>	<u>% D</u>	<u>Flag</u>
Vinyl Chloride	52.2	50	50.1	104%	100%	4.1	
1,1-Dichloroethene	52.7	50	49.8	105%	100%	5.7	
trans-1,2-Dichloroethene	50.2	50	49.4	100%	99%	1.6	
Methyl-tert-butyl-ether	53.4	50	52.3	107%	105%	2.1	
1,1-Dichloroethane	49.8	50	49.9	100%	100%	0.2	
cis-1,2-Dichloroethene	50.7	50	49.8	101%	100%	1.8	
Chloroform	52.2	50	50.4	104%	101%	3.5	
1,1,1-Trichloroethane	56.5	50	51.5	113%	103%	9.3	
Benzene	50.4	50	49.8	101%	100%	1.2	
Trichloroethene	51.4	50	52.0	103%	104%	1.2	
Toluene	49.2	50	46.7	98%	93%	5.2	
1,1,1,2-Tetrachloroethane	50.1	50	52.7	100%	105%	5.1	
Chlorobenzene	52.5	50	49.6	105%	99%	5.7	
Ethylbenzene	54.2	50	50.3	108%	101%	7.5	
o-Xylene	49.1	50	51.1	98%	102%	4.0	
n-Propylbenzene	49.9	50	50.3	100%	101%	0.8	
Dibromofluoromethane (surrogate)	93%		102%				
1,2-Dichloroethane-d4 (surrogate)	102%		106%				
Toluene-d8 (surrogate)	97%		107%				
4-bromofluorobenzene (surrogate)	109%		112%				
Analysis Date/Time:	5-29-24/18:59		5-29-24/19:15				
Analyst Initials	tjg		tjg				



EPA 8260 Quality Control Data

ENVision Batch Number: 053024VW(1)

<u>Method Blank (MB):</u>	<u>MB Results (ug/L)</u>	<u>Rep Lim (ug/L)</u>	<u>Flag</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	



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8260 QC Continued...

<u>Method Blank (MB):</u>	<u>MB Results (ug/L)</u>	<u>Rep Lim (ug/L)</u>	<u>Flag</u>
Hexachloro-1,3-butadiene	< 2.6	2.6	
2-Hexanone	< 10	10	
n-Hexane	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (total)	< 10	10	
Dibromofluoromethane (surrogate)	106%		
1,2-Dichloroethane-d4 (surrogate)	100%		
Toluene-d8 (surrogate)	105%		
4-bromofluorobenzene (surrogate)	99%		
Analysis Date/Time:	5-30-24/09:30		
Analyst Initials	tjg		



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8260 QC Continued...

<u>LCS/LCSD</u>	<u>LCS Results (ug/L)</u>	<u>LCS/LCSD Conc. (ug/L)</u>	<u>LCSD Result (ug/L)</u>	<u>LCS Rec.</u>	<u>LCSD Rec.</u>	<u>% D</u>	<u>Flag</u>
Vinyl Chloride	51.3	50	51.1	103%	102%	0.4	
1,1-Dichloroethene	52.5	50	53.4	105%	107%	1.7	
trans-1,2-Dichloroethene	49.5	50	49.1	99%	98%	0.8	
Methyl-tert-butyl-ether	47.8	50	47.5	96%	95%	0.6	
1,1-Dichloroethane	47.1	50	48.9	94%	98%	3.7	
cis-1,2-Dichloroethene	47.4	50	48.3	95%	97%	1.9	
Chloroform	47.5	50	49.7	95%	99%	4.5	
1,1,1-Trichloroethane	53.7	50	54.6	107%	109%	1.7	
Benzene	43.7	50	44.1	87%	88%	0.9	
Trichloroethene	51.1	50	51.5	102%	103%	0.8	
Toluene	43.8	50	47.1	88%	94%	7.3	
1,1,1,2-Tetrachloroethane	57.5	50	53.8	115%	108%	6.6	
Chlorobenzene	50.1	50	48.2	100%	96%	3.9	
Ethylbenzene	50.5	50	48.4	101%	97%	4.2	
o-Xylene	52.4	50	49.8	105%	100%	5.1	
n-Propylbenzene	53.8	50	51.1	108%	102%	5.1	
Dibromofluoromethane (surrogate)	92%		92%				
1,2-Dichloroethane-d4 (surrogate)	95%		98%				
Toluene-d8 (surrogate)	95%		93%				
4-bromofluorobenzene (surrogate)	108%		103%				
Analysis Date/Time:	5-30-24/08:44		5-30-24/08:59				
Analyst Initials	tjg		tjg				



EPA 8260 Quality Control Data

ENVision Batch Number: 053024VW(2)

<u>Method Blank (MB):</u>	<u>MB Results (ug/L)</u>	<u>Rep Lim (ug/L)</u>	<u>Flag</u>
Acetone	< 100	100	
Acrolein	< 1	1	
Acrylonitrile	< 0.45	1	1
Benzene	< 5	5	
Bromobenzene	< 5	5	
Bromochloromethane	< 5	5	
Bromodichloromethane	< 5	5	
Bromoform	< 5	5	
Bromomethane	< 5	5	
n-Butanol	< 50	50	
2-Butanone (MEK)	< 10	10	
n-Butylbenzene	< 5	5	
sec-Butylbenzene	< 5	5	
tert-Butylbenzene	< 5	5	
Carbon Disulfide	< 5	5	
Carbon Tetrachloride	< 5	5	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
2-Chloroethylvinylether	< 50	50	
Chloroform	< 5	5	
Chloromethane	< 5	5	
2-Chlorotoluene	< 5	5	
4-Chlorotoluene	< 5	5	
1,2-Dibromo-3-chloropropane	< 1	1	
Dibromochloromethane	< 5	5	
1,2-Dibromoethane (EDB)	< 1	1	
Dibromomethane	< 5	5	
1,2-Dichlorobenzene	< 5	5	
1,3-Dichlorobenzene	< 5	5	
1,4-Dichlorobenzene	< 5	5	
trans-1,4-Dichloro-2-butene	< 1	1	
Dichlorodifluoromethane	< 5	5	
1,1-Dichloroethane	< 5	5	
1,2-Dichloroethane	< 5	5	
1,1-Dichloroethene	< 5	5	
cis-1,2-Dichloroethene	< 5	5	
trans-1,2-Dichloroethene	< 5	5	
1,2-Dichloropropane	< 5	5	
1,3-Dichloropropane	< 5	5	
2,2-Dichloropropane	< 5	5	
1,1-Dichloropropene	< 5	5	
1,3-Dichloropropene	< 4.1	4.1	
Ethylbenzene	< 5	5	
Ethyl methacrylate	< 100	100	



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8260 QC Continued...

<u>Method Blank (MB):</u>	<u>MB Results (ug/L)</u>	<u>Rep Lim (ug/L)</u>	<u>Flag</u>
Hexachloro-1,3-butadiene	< 2.6	2.6	
2-Hexanone	< 10	10	
n-Hexane	< 10	10	
Iodomethane	< 10	10	
Isopropylbenzene (Cumene)	< 5	5	
p-Isopropyltoluene	< 5	5	
Methylene chloride	< 5	5	
4-Methyl-2-pentanone (MIBK)	< 10	10	
Methyl-tert-butyl-ether	< 5	5	
1-Methylnaphthalene	< 5	5	
2-Methylnaphthalene	< 5	5	
Naphthalene	< 1	1	
n-Propylbenzene	< 5	5	
Styrene	< 5	5	
1,1,1,2-Tetrachloroethane	< 5	5	
1,1,2,2-Tetrachloroethane	< 0.66	1	1
Tetrachloroethene	< 5	5	
Toluene	< 5	5	
1,2,3-Trichlorobenzene	< 5	5	
1,2,4-Trichlorobenzene	< 5	5	
1,1,1-Trichloroethane	< 5	5	
1,1,2-Trichloroethane	< 5	5	
Trichloroethene	< 5	5	
Trichlorofluoromethane	< 5	5	
1,2,3-Trichloropropane	< 1	1	
1,2,4-Trimethylbenzene	< 5	5	
1,3,5-Trimethylbenzene	< 5	5	
Vinyl acetate	< 10	10	
Vinyl chloride	< 2	2	
Xylene, M&P	< 5	5	
Xylene, Ortho	< 5	5	
Xylene (total)	< 10	10	
Dibromofluoromethane (surrogate)	113%		
1,2-Dichloroethane-d4 (surrogate)	115%		
Toluene-d8 (surrogate)	111%		
4-bromofluorobenzene (surrogate)	99%		
Analysis Date/Time:	5-30-24/20:56		
Analyst Initials	tjg		



8260 QC Continued...

<u>LCS/LCSD</u>	<u>LCS Results (ug/L)</u>	<u>LCS/LCSD Conc. (ug/L)</u>	<u>LCSD Result (ug/L)</u>	<u>LCS Rec.</u>	<u>LCSD Rec.</u>	<u>% D</u>	<u>Flag</u>
Vinyl Chloride	52.9	50	51.8	106%	104%	2.1	
1,1-Dichloroethene	53.4	50	52.0	107%	104%	2.7	
trans-1,2-Dichloroethene	48.4	50	49.6	97%	99%	2.4	
Methyl-tert-butyl-ether	48.5	50	48.8	97%	98%	0.6	
1,1-Dichloroethane	50.4	50	51.5	101%	103%	2.2	
cis-1,2-Dichloroethene	49.2	50	51.9	98%	104%	5.3	
Chloroform	49.6	50	51.9	99%	104%	4.5	
1,1,1-Trichloroethane	57.1	50	57.6	114%	115%	0.9	
Benzene	44.8	50	47.6	90%	95%	6.1	
Trichloroethene	52.6	50	52.6	105%	105%	0.0	
Toluene	46.3	50	48.6	93%	97%	4.8	
1,1,1,2-Tetrachloroethane	54.5	50	54.2	109%	108%	0.6	
Chlorobenzene	49.6	50	49.5	99%	99%	0.2	
Ethylbenzene	50.0	50	49.0	100%	98%	2.0	
o-Xylene	49.6	50	51.1	99%	102%	3.0	
n-Propylbenzene	49.1	50	48.3	98%	97%	1.6	
Dibromofluoromethane (surrogate)	96%		98%				
1,2-Dichloroethane-d4 (surrogate)	97%		100%				
Toluene-d8 (surrogate)	96%		100%				
4-bromofluorobenzene (surrogate)	103%		103%				
Analysis Date/Time:	5-30-24/19:53		5-30-24/20:09				
Analyst Initials	tjg		tjg				

<u>Matrix Spike/Matrix Spike Dup:</u>	<u>Sample Results (ug/L)</u>	<u>MS Res (ug/L)</u>	<u>MSD Res (ug/L)</u>	<u>Spk Conc (ug/L)</u>	<u>MS Rec</u>	<u>MSD Rec</u>	<u>% D</u>	<u>Flag</u>
Vinyl Chloride	0.0	51.0	52.2	50	102%	104%	2.3	
1,1-Dichloroethene	0.0	49.8	49.2	50	100%	98%	1.2	
trans-1,2-Dichloroethene	0.0	54.1	50.3	50	108%	101%	7.3	
Methyl-tert-butyl-ether	0.0	52.7	51.4	50	105%	103%	2.5	
1,1-Dichloroethane	0.0	51.8	51.2	50	104%	102%	1.2	
cis-1,2-Dichloroethene	0.0	54.1	52.5	50	108%	105%	3.0	
Chloroform	0.0	53.2	50.1	50	106%	100%	6.0	
1,1,1-Trichloroethane	0.0	55.8	52.4	50	112%	105%	6.3	
Benzene	0.0	46.0	46.0	50	92%	92%	0.0	
Trichloroethene	0.0	57.0	50.0	50	114%	100%	13.1	
Toluene	0.0	45.8	45.7	50	92%	91%	0.2	
1,1,1,2-Tetrachloroethane	0.0	55.1	58.7	50	110%	117%	6.3	
Chlorobenzene	0.0	43.9	48.1	50	88%	96%	9.1	
Ethylbenzene	0.0	43.8	48.8	50	88%	98%	10.8	
o-Xylene	0.0	44.1	48.0	50	88%	96%	8.5	
n-Propylbenzene	0.0	45.4	46.8	50	91%	94%	3.0	
Dibromofluoromethane (surrogate)	115%	110%	104%					
1,2-Dichloroethane-d4 (surrogate)	115%	92%	104%					
Toluene-d8 (surrogate)	107%	104%	91%					
4-bromofluorobenzene (surrogate)	95%	111%	115%					
Analysis Date/Time:	5-30-24/22:30	6-1-24/00:51	6-1-24/01:07					
Analyst Initials	tjg	tjg	tjg					
Original Sample Number Spiked:	24-6919							



ENVision Laboratories, Inc.
1439 Sadlier Circle West Drive
Indianapolis, IN 46239
Tel: 317.351.8632
Fax: 317.351.8639
www.envisionlaboratories.com

Flag Number

Comments

- | | |
|---|--|
| 1 | Reported value is below the reporting limit but above the MDL. |
| 2 | Reported value is from a 10x dilution. TJJ 6/4/24 |
| 3 | Reported value is from a 20x dilution. TJJ 6/4/24 |
| 4 | Reported value is from a 500x dilution. TJJ 6/4/24 |
| 5 | Reported value is from a 10,000x dilution. TJJ 6/4/24 |



CHAIN OF CUSTODY RECORD

ENVISSION Laboratories, Inc. | 1439 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-8632 | Fax: (317) 351-8639

Client: LDI	Invoice Address: <i>1416 Sadlier</i>
Report Address: <i>1416 Sadlier Circle Indianapolis, IN 46239</i>	Project Name: <i>Advanced</i>
Report To: <i>Ron</i>	Lab Contact:
Phone: <i>317 835-3826</i>	Sampled by: <i>Andrew</i>
Fax:	P.O. Number: <i>002-007</i>
Desired TAT: (Please Circle One) 1-day 2-day 3-day <u>5d</u> (5-7 bus. days)	QA/QC Required: (circle if applicable) Level III Level IV

Sample Integrity:

Cooler Temp: 2 °C
 Samples on Ice? Yes No
 Samples Intact? Yes No
 Custody Seal: Yes No
 ENVISSION provided bottles: Yes No
 VOC vials free of head-space: Yes No
 pH checked? Yes No
 Method 5035 collection used? Yes No
 5035 samples received within 48 hr of Collection? Yes No

REQUESTED PARAMETERS

Please indicate number of containers per preservative below					
HCl	HNO ₃	H ₂ SO ₄	NaOH	Other	None

VOC 618-60

Sample ID	Coll. Date	Coll. Time	Comp (C) Grab (G)	Matrix	HCl	HNO ₃	H ₂ SO ₄	NaOH	Other	None	ENVISSION Sample ID
MW-1	5/21	350	6	water	2						24-6905
MW-2	5/21	300	6	water	2						6906
MW-3	5/22	300	6	water	2						6907
MW-4	5/21	425	6	water	2						6908
MW-5	5/22	1255	6	water	2						6909
MW-6	5/20	345	6	water	2						6910
MW-7	5/21	600	6	water	2						6911
MW-8	5/21	525	6	water	2						6912
MW-9	5/21	215	6	water	2						6913
MW-10	5/22	1130	6	water	2						6914
MW-11	5/20	1130	6	water	2						6915

Comments:

Relinquished by: <i>[Signature]</i>	Date: <i>5/24</i>	Time: <i>9:15</i>	Received by: <i>[Signature]</i>	Date: <i>5/24/24</i>	Time: <i>9:15</i>
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CHAIN OF CUSTODY RECORD

ENVISSION Laboratories, Inc. | 1439 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-8632 | Fax: (317) 351-8639

Client: <u>LPI</u>	Invoice Address: <u>1415 Sadlier</u>	REQUESTED PARAMETERS	Sample Integrity: Cooler Temp: <u>2</u> °C Samples on Ice? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No Samples Intact? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No Custody Seal: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No ENVISSION provided bottles? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No VOC vials free of head-space? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No pH checked? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No Method 5035 collection used? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No 5035 samples received within 48 hr of Collection? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Report <u>1415 Sadlier circle</u> Address: <u>Indianapolis, IN 46239</u>	Project Name: <u>Advanced</u>	<i>VOCs 818, 1920</i>	
Report To: <u>ROA</u>	Lab Contact:		
Phone: <u>317 835-3826</u>	Sampled by: <u>Andrew</u>		
Fax:	P.O. Number: <u>002-007</u>		

Desired TAT: (Please Circle One)
 1-day 2-day 3-day ~~5-7~~ (5-7 bus. days)
 Level III
 Level IV
 QA/QC Required: (circle if applicable)
 Matrix

Sample ID	Coll. Date	Coll. Time	Comp (C) Grab (G)	Matrix	HCl	HNO ₃	H ₂ SO ₄	NaOH	Other	None	ENVISSION Sample ID
MW-12	5/20	110	G	water	2						24-6916
MW-13	5/20	020	G	water	2						6917
MW-14	5/20	1045	G	water	2						6918
MW-15	5/24	800	G	water	2						6919
MW-15 ms/msd	5/24	800	G	water	4						
MW-16	5/22	1200	G	water	2						6920
MW-17	5/23	915	G	water	2						6921
MW-18	5/22	215	G	water	2						6922
MW-19	5/20	250	G	water	2						6923
MW-20	5/20	215	G	water	2						6924
DUP			G	water	2						6925
TR				water	2						6926

Comments:

Relinquished by: <u>Andrew</u>	Date: <u>5/29</u>	Time: <u>4:15</u>	Received by: <u>J. H. H. H.</u>	Date: <u>5-24-24</u>	Time: <u>9:15</u>
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APPENDIX F

Photographs of Exterior Vault

EXTERIOR VAULT PHOTOGRAPHS



Flowerpot on top of exterior vault located near the southeast corner of site building.



View looking down on the exterior vault.



View of inside of exterior vault.



View of 4-inch pipe leading to the east toward the sanitary sewer.