



Groundwater Monitoring Report Year 4

**Long-Term Stewardship Plan: OU-1
through OU-5 Former GM Wilmington
Assembly Plant (DE-1149) Wilmington,
Delaware**

RACER Trust

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Acronyms

µg/l	micrograms per liter
AST	aboveground storage tank
BGS	below ground surface
CFC-11	trichlorofluoromethane
CLP	Contract Laboratory Program
COCs	constituents of concern
DNREC	Department of Natural Resources and Environmental Control
DO	dissolved oxygen
DOT	Department of Transportation
CFR	Code of Federal Regulations
GHD	GHD Services Inc.
GM	General Motors Corporation
HSCA	Hazardous Substance Cleanup Act
IDW	investigative-derived waste
LTS	Long-Term Stewardship Plan
MLC	Motors Liquidation Company
ORP	oxidation reduction potential
OU	Operable Unit
PCE	tetrachloroethene
PVC	polyvinyl chloride
QA/QC	quality assurance/quality control
RACER	Revitalizing Auto Communities Environmental Response
RCRA	Resource Recovery and Conservation
RI	Remedial Investigation
SVOCs	semi-volatile organic compounds
TCE	trichloroethene
USEPA	United States Environmental Protection Agency
UST	underground storage tank
VOCs	volatile organic compounds

1. Introduction

On behalf of the Revitalizing Auto Communities Environmental Response Trust (RACER Trust), GHD Services Inc. (GHD) has prepared this Groundwater Monitoring Report - Year 4 (Report) for the former General Motors Corporation (GM) Wilmington Assembly Plant (DE-1149) located at 851 and 1025 Boxwood Road in Wilmington, New Castle County, Delaware (Site), as shown on Figure 1. Historical environmental investigations have identified impacts to environmental media resulting from operations at the Site. A Long-Term Stewardship Plan (LTS) was developed in 2017 and a revision was submitted to the Delaware Department of Natural Resources and Environmental Control (DNREC) on February 14, 2025, to manage post-remedial actions of soil and groundwater in the five operable units (OUs) at the Site where cleanup activities have been completed (OU-1 to OU-5; GHD 2025).

The Site was historically divided into six OUs (OU-1 to OU-6; see Figure 2). Site investigations have been conducted since at least 1990 on the six OUs. OU-6 is excluded from the LTS because the 2015 Remedial Investigation (RI) Report did not identify known or potential releases from historical operations in OU-6 (Conestoga-Rovers & Associates, 2015). A brief description of the OUs is provided in Table 1.1 below.

Table 1.1 *Operable Unit Description*

Operable Units	Description
OU-1	The pump house and aboveground storage tanks (AST) L through Tank O in the AST containment area.
OU-2	Large AST Area/Truck Unloading Rack and surrounding areas.
OU-3	Main Assembly Plant Area.
OU-4	Former Petroleum Dispensing and underground storage tank (UST).
OU-5	Former Test Track Area.
OU-6	Wooded Area adjacent to Little Mill Creek (not subject to LTS).

1.1 Scope

The LTS includes the impacted area in OU-1 (soil) and OU-2, OU-3, OU-4, and OU-5 (soil and groundwater). The LTS specifies no reduction in the groundwater monitoring program based on results during the first 5 years. Thereafter, if the groundwater data indicate that there are no significant variations in groundwater, RACER Trust may present a written request, including technical rationale, to DNREC to modify the scope of the groundwater monitoring plan. This report documents the results from Year 4 of the first 5 years of monitoring and recommendations for future action, as appropriate.

1.2 Background

The Site consists of real property located at 851 and 1025 Boxwood Road, Wilmington, New Castle County, Delaware. It comprises two tax parcels totaling approximately 142 acres of land (which includes the area of OU-6) which formerly included a 3.2 million square foot main assembly building, wastewater treatment plant, pump houses, and powerhouse. GM developed the Site from 1945 to 1947 and used it for automobile assembly operations until July 2009. GM's automobile assembly operations included storage and use of petroleum products for fueling and heating, painting, wastewater treatment, parts cleaning, and hazardous waste storage. Each of these operations used various chemicals. Releases are believed to have occurred at the Site as a result of GM's operations, which have subsequently impacted the soil at and groundwater beneath the Site. DNREC removed the Site from Resource Recovery and Conservation Act (RCRA) in the early 2000s and placed it into the Brownfield/Superfund program which is governed by the Hazardous Substance Cleanup Act (HSCA).

During GM's 2009 bankruptcy, certain operating assets of GM were sold to the newly formed entity known as General Motors LLC. Assets that were not sold to General Motors LLC, including this Site, remained the property of GM, which by then had changed its name to Motors Liquidation Company (MLC). In its capacity as debtor in possession in the bankruptcy case, MLC sold the Site to Fisker Automotive, Inc. (Fisker) in July 2010. On March 31, 2011, the RACER Trust became effective, and since then RACER Trust has been conducting and managing cleanups at several dozen former GM properties, including this Site.

Between July 2009 and April 2014, the Site remained largely idle while Fisker evaluated opportunities to use the plant for assembly of Fisker automobiles. The Site was purchased by Wanxiang Delaware Real Estate Holdings (Wanxiang) in April 2014 as part of a purchase by Wanxiang of Fisker's assets. In October 2017, Harvey, Hanna & Associates, Inc.'s special purpose entity, Boxwood Industrial Park, LLC (Boxwood), purchased the Site from Wanxiang. On November 7, 2019, Dermody Properties' special purpose entity DPIF2 DE 1 New Castle, LLC (Dermody) purchased portions of the Site (OU-1, OU-2, and OU-3) from Boxwood. On January 29, 2020, Dermody purchased additional portions of the Site (OU-4 and OU-5) from Boxwood.

Dermody completed Site redevelopment activities in September 2021, which included an approximately 820,000 square foot logistics building in OU-1, OU-2, and OU-3 and an approximately 220,000 square foot warehouse building in OU-3 and OU-5. No buildings are currently planned in the OU-4 area, which has been developed as parking or landscaped areas; however, OU-4 may be developed with additional buildings or other improvements in the future. Dermody also reconfigured the Site into two tax parcels by legal subdivision, whereas there were formerly five total. DPIF2 DE 1 New Castle, LLC currently owns Lot 1 which contains the approximately 820,000 square foot building and associated improvements, and DPIF2 DE2 New Castle2, LLC currently owns Lot 2 which contains the approximately 220,000 square foot building and associated improvements.

1.3 Geology

Previous subsurface investigations completed at the Site have shown that soils at the site consist primarily of fill underlain by unconsolidated sediments consisting primarily of silty sands and clays, from below the paved surface to a depth of approximately 8 to 10 feet below ground surface (ft bgs) (BGS; Conestoga-Rovers & Associates, 2015). Gravel lenses were observed ranging in thickness from 1 to 10 feet at varying depths across the Site. Historical soil boring logs indicate a continuous sand layer ranging from 16 to 30 feet in thickness with starting depths ranging from approximately 7.8 to 11.5 ft bgs and extending to depths ranging from approximately 23.8 to 40 ft bgs¹. The historical logs also indicate that the sand layer is underlain by reddish brown clay of an undetermined thickness.

1.4 Hydrogeology

Groundwater was historically observed at an average depth of approximately 12 ft bgs¹ during Site investigations from 2011 to 2013. Following redevelopment activities, the average depth to groundwater is approximately 12.4 ft bgs across the monitoring wells measured in OU-2, OU-4, and OU-5. The now-demolished main assembly building appeared to have created a groundwater divide at the Site, with groundwater on the east side flowing to the east toward Little Mill Creek and groundwater on the west side flowing to the west towards Red Clay Creek. Following redevelopment, groundwater flow in OU-2 appears to be to the southeast, and in OU-4 and OU-5 it appears to flow to the northeast.

Historically, surface water flow across the Site was directed to the on-Site storm sewer system, which discharged to Little Mill Creek at Outfall 001. The redevelopment of the Site did not change the storm sewer system point of discharge to Little Mill Creek; however, some surface water flow is now first directed to three bio-basins before entering the on-Site storm sewer system which connects to Outfall 001. With the exception of Little Mill Creek which is located in OU-6, there were historically no surface water bodies or waterways (streams, rivers, lakes, etc.), including associated wetlands, floodplains, and riparian zones, present on or immediately adjacent to the Site.

¹ Based on the ground surface elevation at the site prior to redevelopment activities. Redevelopment at the site included regrading.

Little Mill Creek is located in the wooded area along the eastern property boundary. Approximately 1,000 ft of this creek is located within the Site property. Little Mill Creek discharges to the Christina River approximately 1 mile downstream. Red Clay Creek is located approximately 1.1 miles west of the Site and also discharges to the Christina River. The Christina River is the major river draining this portion of New Castle County. There are no lakes or significant ponds within one mile of the Site.

2. Groundwater Monitoring Activities

As described in the LTS, groundwater monitoring is performed specific to each OU. Perimeter monitoring wells with historically low concentrations of constituents of concern (COCs) within OU-2, OU-4 and OU-5 were selected for annual monitoring. These wells were selected to monitor for the potential for impacted groundwater to be leaving the Site. A further description of the wells and analytes to be monitored is provided below.

- OU-2: Groundwater monitoring wells MW-8R, MW-9R, and MW-19R², shown on Figure 3.1, were identified in the LTS. These wells are located on the perimeter of OU-2, southwest of the source area. Volatile organic compounds (VOCs) are the analytical parameters monitored in OU-2.
- OU-4: Groundwater monitoring wells MW-36S, MW-36D, DA-MW-40, DA-MW-41, and MW-50R³, shown on Figure 4.1, were identified in the LTS. DA-MW-40 and DA-MW-41 have had low to non-detect concentrations of COCs and are located off-Site to the east of OU-4. VOCs and semi-volatile organic compounds (SVOCs) are the analytical parameters monitored in OU-4.
- OU-5: Groundwater monitoring wells MW-48R, MW-109R, MW-112, and MW-113R⁴, shown on Figure 5.1, were identified in the LTS. Metals are the analytical parameters to be monitored in OU-5, with samples from MW-48R also analyzed for benzene and trichloroethylene (TCE).

MW-36D was observed to be collapsed during the Year 3 LTS groundwater sampling event in November 2024. The February 10, 2025, Year 3 Groundwater Monitoring Report proposed abandoning MW-36D. MW-36D was abandoned in December 2025 along with off-site OU-4 monitoring wells and soil gas points that are not part of the LTS monitoring program.

2.1 Monitoring Well Condition Assessment

A monitoring well condition assessment was conducted to verify the current condition of the LTS monitoring wells in OU-2, OU-4, and OU-5. The monitoring well assessment, consisting of a visual inspection, water level measurement, and well depth sounding, was performed on November 10, 2025. The well condition assessment is included in Appendix A.

The well condition assessment identified the following deficiencies:

- MW-109R, MW-112, MW-113R and MW-48R (OU-5); MW-36S (OU-4); and MW-50R (OU-4): Missing bolts were replaced during the well condition assessment.
- MW-109R: The concrete well pad is loose and needs to be replaced.
- MW-19R (OU-2): Missing bolts were replaced during the well condition assessment. The concrete pad around the well has been damaged and bentonite surfaced around the well casing. MW-36D (OU-4): During the November 2024 well assessment, an obstruction was encountered at 17.35 ft bgs (the constructed well depth is 39 ft bgs). Based on field observations, it was assumed the well had collapsed. GHD abandoned the well in December 2025.

² OU-2 monitoring wells MW-8R, MW-9R, and MW-19R were installed as replacement wells for MW-8, MW-9, and MW-19, respectively, during the property redevelopment.

³ OU-4 monitoring well MW-50R was installed as a replacement for well MW-50 during the property redevelopment.

⁴ OU-5 monitoring wells MW-48R, MW-109R, and MW-113R were installed as replacement wells for MW-48, MW-109, and MW-113, respectively, during the property redevelopment. MW-112 was damaged during site redevelopment activities and was repaired and raised to the current grade.

The condition of the remaining LTS monitoring wells was good, with no additional deficiencies identified.

2.2 Static Water Levels

As specified in the LTS, static water levels and total depth were collected from the LTS wells prior to sample collection. Specifically, water levels were measured from the following monitoring wells from November 10 to 13, 2025:

- OU-2: MW-8R, MW-9R, and MW-19R;
- OU-4: MW-36S, DA-MW40, DA-MW41, and MW-50R; and,
- OU-5: MW-28R⁵, MW-48R, MW-109R, MW-112 and MW-113R.

Static water levels were collected utilizing an oil-water interface probe. Depth to water and total well depth, recorded to the nearest hundredth of a foot, were collected from each monitoring well (utilizing the top of the well riser as a reference point). Water levels are presented in Table 1. Groundwater elevation contours for OU-2, OU-4, and OU-5 are presented in Figures 3.3, 4.4, and 5.4, respectively. Groundwater flow direction in OU-2 is observed to be to the southeast. Previous groundwater flow direction in OU-2, prior to redevelopment activities, was generally to the southwest. Groundwater flow direction in OU-4 is observed to be to the north. Previous groundwater flow direction in OU-4, prior to development activities and during the Year 1 through Year 3 monitoring events, was generally to the northeast. Groundwater flow direction in OU-5 is observed to be to the northeast, similar to groundwater flow direction prior to redevelopment.

2.3 Well Redevelopment

Prior to collecting groundwater samples the following wells were redeveloped: OU-2 wells MW-8R, MW-9R, MW-19R; OU-4 wells MW-36S, DA-MW-40, DA-MW-41, MW-50R; and OU-5 wells MW-48R, MW-109R, MW-112, and MW-113R. The wells were redeveloped on November 10, 11 and 13, 2025. All wells were surged and pumped using a Waterra D-25 Foot Valve and surge block. Well development forms are included in Appendix B. The following volumes were removed from each well:

OU-2

- MW-8R – 20 gallons (approximately 10 well volumes)
- MW-9R – 13 gallons (approximately 13 well volumes)
- MW-19R – 18 gallons (approximately 13 well volumes)

OU-4

- MW-36S – 8 gallons (approximately 33 well volumes)
- DA-MW-40 – 6 gallons (approximately 35 well volumes)
- DA-MW-41 – 6 gallons (approximately 27 well volumes)
- MW-50R – 14 gallons (approximately 10 well volumes)

OU-5

- MW-48R – 4 gallons (approximately 23 well volumes)
- MW-109R – 5 gallons (approximately 41 well volumes)
- MW-112 – 14 gallons (approximately 13 well volumes)
- MW-113R – 5 gallons (approximately 27 well volumes)

⁵ Only water levels are collected from MW-28R as part of the LTS. Analytical samples are not collected from this well.

DA-MW-41 was developed until the turbidity dropped below 20 NTU. The turbidity at all other wells remained around 100 NTU after development. A minimum of 10 well volumes was removed from each well.

2.4 Sample Collection and Handling

Groundwater samples were collected and analyzed in accordance with the LTS. Groundwater samples collected from monitoring wells in each OU were analyzed for the following parameters:

- OU-2: VOCs via United States Environmental Protection Agency (USEPA) SW-846 Method 8260;
- OU-4: VOCs and SVOCs via USEPA SW-846 Methods 8260 and 8270, respectively; and,
- OU-5: Total and dissolved metals via USEPA SW-846 Methods 6020 and mercury via USEPA SW-846 Method 7470. In addition, samples collected from MW-48R were also analyzed for benzene and TCE via USEPA SW-846 Method 8260.

2.4.1 Sample Collection

Groundwater samples were collected by GHD field staff from November 11 to 13, 2025. Samples were collected using low flow sampling techniques. Prior to groundwater sample collection, each monitoring well was purged until field parameters (pH, specific conductivity, temperature, dissolved oxygen (DO), oxidation reduction potential (ORP), and turbidity) stabilized. Low-flow purging logs for each monitoring well are included as Appendix C.

All samples were placed in laboratory-supplied sample containers and labelled with the sample identification number, date and time of sampling, the type of preservative used, the sampler's initials, and the types of analyses to be performed. The groundwater sample containers were placed in an iced cooler and transported under Chain-of-Custody to Eurofins Environment Testing Northeast, LLC of Edison, New Jersey (Eurofins).

2.4.2 Decontamination Procedures

Non-dedicated sampling equipment was decontaminated before each use. Decontamination rinsate was discharged to ground surface since no sheen was present.

2.4.3 Management of Investigation-Derived Waste

Investigative-derived waste (IDW) generated during the groundwater sampling activities included purge water, decontamination rinsate, and expendable items such as gloves and tubing. Per the LTS, purge water was discharged to ground surface since no sheen was present.

2.5 Data Usability Assessment

Analytical results for groundwater samples collected during the Year 4 monitoring event are summarized on Tables 2 - 4. Analytical data were reviewed by GHD's project chemist in accordance with DNREC's Data Usability Assessment guidelines. Full Contract Laboratory Program equivalent raw data deliverables were provided by the laboratory. Review of the data was based on information obtained from the finished data sheets, raw data, Chain-of-Custody forms, calibration data, blank data, recovery data from surrogate spikes/laboratory control samples/matrix spike samples, and field Quality Assurance/Quality Control (QA/QC) samples. Applicable guidance from the documents entitled:

- Guidance for Analytical Data Usability Assessment for Programs Under Hazardous Substance Cleanup Act (HSCA) (May 2020);
- National Functional Guidelines for Organic Superfund Methods Data Review, USEPA, 540-R-20-005, November 2020; and
- National Functional Guidelines for Inorganic Superfund Methods Data Review, USEPA, 542-R-20-006, November 2020.

2.5.1 Data Review

The data review determined there were several non-conformance items, listed in the laboratory report case narrative for the following parameters:

VOCs:

SDG 460-339305-1

- Due to the high concentration of target analytes, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 460-1075997 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria. Per the National Functional Guidelines, the data are usable.
- The following samples were diluted to bring the concentration of target analytes within the calibration range: GW-11222397-111125-ES-003 (460-339305-3) and GW-11222397-111125-ES-004 (460-339305-4). Elevated reporting limits (RLs) are provided.
- The continuing calibration verification (CCV) associated with batch 460-1075997 recovered outside acceptance criteria, low biased, for bromomethane and dichlorofluoromethane and methyl acetate and 1,2-dibromo-3-chloropropane (biased high). Since the associated samples were non-detect for the analytes, the data are reported. Per the National Functional Guidelines, associated sample data is usable but should be considered estimated.
- The closing continuing calibration verification (CCVC) associated with batch 460-1076084 recovered outside control limit for methyl acetate (biased high); trichlorofluoromethane, 2-butanone (MEK), bromomethane and dichlorodifluoromethane (biased low). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. Per the National Functional Guidelines, associated sample data is usable but should be considered estimated.
- There were several outlying MS/MSD recoveries for VOC analyses. Where high recoveries were observed, associated sample results were non-detect and therefore not impacted by these high recoveries. Where low recoveries were observed, the associated sample results are usable and should be considered estimated.

SDG 460-339416-1

- The continuing calibration verification (CCV) associated with batch 460-1075997 recovered outside acceptance criteria, low biased, for bromomethane and trichlorofluoromethane and methyl acetate and 1,2-dibromo-3-chloropropane (biased high). A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analytes, the data are reported. Per the National Functional Guidelines, associated sample data is usable but should be considered estimated.
- The closing continuing calibration verification (CCVC) associated with batch 460-1076084 recovered outside control limit for methyl acetate (biased high); trichlorofluoromethane, 2-butanone (MEK), bromomethane and dichlorodifluoromethane (biased low). A reporting limit (RL) standard was analyzed, and the target analytes are detected. The data is flagged and reported. Per the National Functional Guidelines, associated sample data is usable but should be considered estimated.

SVOCs:

SDG 460-339305-1

- The continuing calibration verification (CCV) analyzed in batch 460-1074742 was outside the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane], bis(2-ethylhexyl) phthalate, benzaldehyde and di-n-octyl phthalate. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, per the National Functional Guidelines any sample data for the affected analytes is considered estimated.
- The capping continuing calibration verification (CCV) analyzed in batch 460-1074742. was outside the method criteria for the following analytes: bis(2-ethylhexyl) phthalate, benzaldehyde and di-n-octyl phthalate. A CCV

standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, per the National Functional Guidelines any sample data for the affected analytes is considered estimated.

- Caprolactam recovered low in the MS/MSD. Per the National Functional Guidelines, the associated sample results are usable but should be considered estimated

SDG 460-339416-1

- The continuing calibration verification (CCV) analyzed in batch 460-1074938 was outside the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane], benzaldehyde, caprolactam and N-Nitrosodi-n-propylamine. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, per the National Functional Guidelines any sample data for the affected analytes is considered estimated.
- The laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) for preparation batch 460-1074877 and analytical batch 460-1074938 recovered outside control limits for the following analytes: 2,2'-oxybis[1-chloropropane] and N-Nitrosodi-n-propylamine. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported. Per the National Functional Guidelines, the data are usable without qualification.
- The capping continuing calibration verification (CCV) analyzed in batch 460-1074938 was outside the method criteria for the following analytes: 2,2'-oxybis[1-chloropropane], 4-nitrophenol, benzaldehyde, bis(2-ethylhexyl) phthalate, caprolactam, di-n-octyl phthalate and N-Nitrosodi-n-propylamine. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, per the National Functional Guidelines any sample data for the affected analytes is considered estimated

SDG 460-341955-1

- The continuing calibration verification (CCV) analyzed in batch 460-1074938 was outside the method criteria for the following analytes: 2,2'-oxybis[1-chloropropane], benzaldehyde, caprolactam and N-Nitrosodi-n-propylamine. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, per the National Functional Guidelines any sample data for the affected analytes is considered estimated.
- The laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) for preparation batch 460-1074926 and analytical batch 460-1074938 recovered outside control limits for the following analytes: 2,2'-oxybis[1-chloropropane] and N-Nitrosodi-n-propylamine. These analytes were biased high in the LCS/LCSD but were not detected in the associated samples; therefore, the data have been reported without qualification.
- The capping continuing calibration verification (CCV) analyzed in batch 460-1074938. was outside the method criteria for the following analytes: 2,2'-oxybis[1-chloropropane], 4-nitrophenol, benzaldehyde, bis(2-ethylhexyl) phthalate, caprolactam, di-n-octyl phthalate and N-Nitrosodi-n-propylamine. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, per the National Functional Guidelines any sample data for the affected analytes is considered estimated

Metals:

SDG 460-339416-1

- There were several outlying MS/MSD recoveries for dissolved metals analyses, specifically aluminum and antimony. The dissolved aluminum and antimony results were non-detect. The associated reporting limit should be considered estimated due to low MS/MSD recovery. Where high MS/MSD recoveries were observed, the sample results exceeded 4 times the spike value. The results were acceptable without qualification on this basis.

It was determined that the data are acceptable and usable for this event. Appendix D contains the Level 2 analytical laboratory reports. The groundwater analytical results are summarized in Tables 2 - 4 for VOCs, SVOCs, and metals, respectively.

3. Groundwater Monitoring Results

Following the data usability assessment, groundwater monitoring results were compared to the most recent (December 2025) DNREC HSCA screening level for groundwater. As part of the December 2025 HSCA screening level update, a groundwater screening level was added for methyl cyclohexane (20 ug/L) and the groundwater screening level for lead was updated to 10 ug/L. As stated in the LTS, groundwater results were also compared to the historical data for that compound. Year 4 groundwater monitoring data is presented on Tables 2 - 4. Historical groundwater data is presented in Appendix E. The following sections discuss groundwater monitoring results for each OU.

3.1 Operable Unit 2 Results

Samples collected from monitoring wells in OU-2 (MW-8R, MW-9R, and MW-19R) were analyzed for VOCs, as described above in Section 2. VOC data are summarized in Table 2 and presented in Figure 3.2. The groundwater sample collected from MW-8R did not exceed HSCA screening levels, consistent with the Year 1 and Year 2 results. There was one VOC exceedance of HSCA screening levels at MW-8R during the Year 3 sampling event, TCE at 0.35 ug/L, but TCE was non-detect during the Year 4 sampling event. The groundwater sample from MW-9R did not exceed HSCA screening levels, consistent with results from Year 1 through Year 3 sampling events. The sample collected from MW-19R had low-level VOC detections of ethylbenzene at 1.9 ug/L and vinyl chloride at 0.97 ug/L that exceeded the respective HSCA screening levels. Ethylbenzene and vinyl chloride concentrations are consistent with results from Year 1 through Year 3 sampling events.

3.2 Operable Unit 4 Results

Groundwater samples in OU-4 were collected from monitoring wells MW-36S, DA-MW40, DA-MW41, and MW-50R. As described in Section 2, samples were collected from these wells and analyzed for SVOCs and VOCs. VOC data are summarized in Table 2 and presented in Figure 4.2. SVOC data are summarized in Table 3 and presented in Figure 4.3.

3.2.1 Operable Unit 4 SVOC Results

Groundwater samples collected from MW-36S, DA-MW40, and DA-MW41 detected 2-methylnaphthalene (21 ug/L, 11 ug/L, 24 ug/L, and 19 ug/L respectively) at concentrations exceeding HSCA screening levels. Groundwater samples from MW-36S, DA-MW40, DA-MW41 (parent and duplicate), and MW-50R detected naphthalene (48 ug/L, 62 ug/L, 130 ug/L, and 12 ug/L, respectively) at concentrations exceeding HSCA screening levels. The groundwater sample from MW-36S detected biphenyl (1.2 ug/L) at a concentration exceeding the HSCA screening level. The exceedance of 2-methylnaphthalene (24 ug/L) at DA-MW41 was greater than the historical maximum at this well. Historically, 2-methylnaphthalene concentrations at DA-MW41 have ranged from non-detect to 11 ug/L, and 2-methylnaphthalene concentrations in OU-4 LTS wells have ranged from non-detect to 180 ug/L. All other concentrations exceeding HSCA screening levels were all less than the historical maximum concentrations for these compounds within OU-4 and at the individual monitoring wells (see Table 3 and Appendix E).

3.2.2 Operable Unit 4 VOC Results

Groundwater samples for MW-36S, DA-MW40, and DA-MW41 detected 1,2,4-trimethylbenzene (73 ug/L, 350 ug/L, and 410 ug/L, respectively) at concentrations exceeding HSCA screening levels. Groundwater samples for MW-36S, DA-MW41, and MW-50R detected benzene (77 ug/L, 11 ug/L, and 440 ug/L respectively) at concentrations exceeding HSCA screening levels. Groundwater samples for MW-36S, DA-MW40, DA-MW41, and MW-50R detected ethylbenzene (420 ug/L, 260 ug/L, 510 ug/L, and 140 ug/L, respectively), and total xylenes (650 ug/L, 890 ug/L, 1500 ug/L, and 43 ug/L, respectively) at concentrations exceeding HSCA screening levels. Groundwater samples from DA-MW40 and DA-MW41 detected methyl cyclohexane (69 ug/L and 89 ug/L, respectively) at concentrations exceeding HSCA screening levels. The groundwater sample from MW-50R detected 1,2-dichloroethane (2.8 ug/L) at a concentration exceeding HSCA screening levels.

All VOC screening level exceedances in OU-4 were less than the historical maximum concentrations for these compounds within OU-4. VOC screening level exceedances at MW-36S were less than the historical maximum concentrations at this monitoring well (see Table 2 and Appendix E). VOC screening level exceedances at MW-50R were less than the historical maximum concentrations at this well. Exceedances of the VOC screening level for 1,2,4-trimethylbenzene (410 ug/L), benzene (11 ug/L), methyl cyclohexane (89 ug/L), and total xylenes (1,500 ug/L) at DA-MW41 were greater than the historical maximum concentrations at this well, but less than the historical maximum concentration of these VOCs in OU-4. Historically, concentrations of total xylenes have ranged from non-detect to 330 ug/L, concentrations of methyl cyclohexane have ranged from non-detect to 83 ug/L, concentrations of benzene have been non-detect, and concentrations of 1,2,4-trimethylbenzene have ranged from non-detect to 280 ug/L. Exceedances of the VOC screening level for ethylbenzene (260 ug/L) and total xylenes (890 ug/L) at DA-MW40 were greater than the historical maximum concentrations at this well. Historically, concentrations of ethylbenzene have ranged from non-detect to 150 ug/L and concentrations of total xylenes have ranged from non-detect to 790 ug/L.

3.3 Operable Unit 5 Results

Groundwater samples in OU-5 were collected from monitoring wells MW-48R, MW-109R, MW-112 and MW-113R. As described in Section 2, samples were collected from these wells were analyzed for the following parameters:

- Total and dissolved metals: MW-48R, MW-109R, MW-112, and MW-113R; and,
- Benzene and TCE: MW-48R.

VOC data are summarized in Table 2 and presented in Figure 5.2. Metals data are summarized in Table 4 and presented in Figure 5.3.

3.3.1 Operable Unit 5 TCE and Benzene Results

The groundwater sample collected from MW-48R was non-detect for benzene, but the concentration of TCE (0.83 ug/L) exceeded the HSCA screening level (0.23 ug/L). TCE concentrations have ranged from non-detect during the November 2017 sampling event to 3.8 ug/L during the Year 1 LTS sampling event in January 2023.

3.3.2 Operable Unit 5 Metals Results

The groundwater samples collected from MW-48R exceeded HSCA screening levels for total and dissolved cobalt (8.0 ug/L and 6.4 ug/L, respectively), total and dissolved manganese (9,640 ug/L and 8,660 ug/L, respectively), and total nickel (41.8 ug/L). Dissolved nickel was detected below the HSCA screening levels. Total and dissolved cobalt, and total manganese were less than historical maximum concentrations for these compounds within OU-5. Dissolved manganese and total nickel were greater than historical maximum concentrations for these compounds within OU-5 (7,910 ug/L and 27.5 ug/L, respectively). Total cobalt (8.0 ug/L) was greater than the historical maximum at MW-48R (see Appendix E) and has historically ranged from 2.8 ug/L to 7.3 ug/L. Total manganese was greater than the historical maximum at MW-48R and has historically ranged from 833 ug/L to 6,789 ug/L. Dissolved manganese (8,660 ug/L) was greater than the historical maximum at MW-48R and has historically ranged from 5,440 ug/L to

7,910 ug/L. Total nickel (41.8 ug/L) was greater than the historical maximum at MW-48R and has historically ranged from non-detect to 11.2 ug/L.

The groundwater sample collected from MW-112 exceeded HSCA screening levels for total aluminum (3920 ug/L), total and dissolved cobalt (5.8 ug/L and 3.4 ug/L, respectively), total iron (4120 ug/L), total and dissolved manganese (804 ug/L and 731 ug/L, respectively) and total vanadium (10.0 ug/L). Dissolved iron and vanadium did not exceed the HSCA screening levels. Exceedances of total aluminum, total cobalt, total iron, total and dissolved manganese, and total vanadium were less than the historical maximum within OU-5 and at MW-112 (see Appendix E). Dissolved cobalt (3.4 ug/L) was less than the historical maximum within OU-5 but was greater than the historical maximum at MW-112 (3.2 ug/L, from the Year 3 sampling event).

The groundwater sample collected from MW-113R exceeded HSCA screening levels for total and dissolved cobalt (11.8 ug/L and 11.1 ug/L, respectively), and total and dissolved manganese (3270 and 3100 ug/L, respectively). Total and dissolved manganese and total cobalt exceedances were less than the historical maximum within OU-5 (see Table 4) and the historical maximum concentrations at MW-113R (see Appendix E). Dissolved cobalt (11.1 ug/L) was less than the historical maximum within OU-5 but was greater than the historical maximum at MW-113R (6.8 ug/L, from the Year 3 sampling event).

No metals were detected above the HSCA screening levels in the groundwater sample collected from MW-109R.

Concentrations of metals at OU-5 wells MW-109R, MW-112, and MW-113 were less than historical maximums in OU-5. MW-48R had detections of dissolved manganese and nickel that exceeded historical maximums within OU-5. For most constituents (aluminum, iron, manganese, and vanadium) where an elevated concentration greater than the HSCA screening level was observed in the totals sample, the dissolved sample was detected below the HSCA screening levels. The elevated concentrations in the totals samples may be a result of high turbidity. The turbidity was stable but elevated at MW-112 prior to sampling, measured at 224 NTU. The turbidity at MW-109R and MW-48R was 0 NTU prior to sampling and the turbidity at MW-113R was stable, measured at 18.2 NTU prior to sampling. OU-5 wells were redeveloped prior to Year 4 sampling, and compared to Year 3 results, total metals generally decreased or remained consistent with previous sampling events, with the exception of those identified above. Dissolved metal samples were collected for comparison to total metals, and in general, dissolved metals were detected below the HSCA screening levels, with the exception of those noted above.

3.3.3 Ecological Impacts to Surface Water

An evaluation of mass loading into the nearby stream, Little Mill Creek, was performed for constituents that exceeded the HSCA Ecological Surface Water Fresh (Eco Fresh) Screening Levels in groundwater. Groundwater data screened against HSCA Eco Fresh Screening Levels are presented in Appendix E. The mass loading evaluation is included in Appendix F. The following section summarizes the evaluation of the potential ecological impacts of OU-5 groundwater to surface water in Little Mill Creek by conservatively calculating surface water concentrations using the maximum detected groundwater concentrations.

3.3.3.1 Estimated Surface Water Concentrations

Surface water concentrations were conservatively calculated for the metals that exceeded HSCA Eco Fresh Screening Levels in groundwater from the OU-5 perimeter wells MW-48R, MW-109R, MW-112, and MW-113R, as presented below in Table 2.1 and detailed in Appendix F. The estimated surface water concentrations are significantly below the respective HSCA Eco Fresh Screening Levels.

Table 2.1 Estimated Surface Water Concentrations

Constituent	HSCA Eco Fresh Screening Level (ug/L)	Maximum Concentration (ug/L)	Estimated Surface Water Concentration (ug/L)
Aluminum	87	3,920	1.62
Barium	4	287	0.12
Iron	300	4,120	1.71
Lead	2.5	5.2	2.2×10^{-3}
Manganese	120	9,640	4.0
Selenium	1	1.5	6.2×10^{-4}

Based on these estimated surface water concentrations, even though mass loading from groundwater to Little Mill Creek surface water may be occurring, aquatic life in Little Mill Creek is not impacted by the migration of metals from OU-5 groundwater.

4. Operable Unit 5 Cap Inspection

The Final Plan of Remedial Action for OU-5 was approved in August 2019, which included a temporary asphalt cap over the Test Track Area that required quarterly cap inspections until a permanent cap was constructed. Quarterly cap inspections of the temporary cap ceased in December 2020 as requested in a December 4, 2020, letter to DNREC and approved by DNREC via email on December 14, 2020, due to ongoing redevelopment activities in OU-5. Dermody completed installation of the permanent cap in August 2021 consisting of a concrete building slab, landscaping, and concrete or pavement parking lots/roadways as documented in BrightFields' November 8, 2021, *Documentation of Cap Placement* letter (BrightFields 2021).

As described in the LTS, annual permanent cap inspections will be performed. The annual inspection will consist of a visual inspection of the cap covers (concrete slab, concrete and paved parking lots/roadways, landscaped areas) for potential breaches that could result in chronic direct contact exposure to the soil beneath the cap.

4.1 Year 4 Inspection

Inspection of the OU-5 permanent cap was completed on November 13, 2025. The cap inspection form is included as Appendix G. The cap inspection indicated the cap to be in overall good condition and remains protective of human health and the environment. Several small surficial cracks on the pavement were detected behind the loading area at the point of intersection between the concrete and asphalt and in the concrete parking area.

5. Summary, Conclusions, and Recommendations

The following sections present a summary of the Year 4 Groundwater Monitoring Event, and a discussion of and recommendations on potential future monitoring plan adjustments.

5.1 Year 4 Monitoring Summary

As detailed above, this Year 4 Groundwater Monitoring Report describes implementation of Year 4 (November 2025) of the LTS for the Site. As detailed in the LTS, a well condition assessment was performed, water levels measured, and analytical samples were collected from select monitoring wells in OU-2, OU-4, and OU-5. The well inspection indicated that MW-19R (OU-2) had a damaged concrete pad and surfaced bentonite that surrounds the well casing. MW-36D (OU-4) was abandoned due to the monitoring well collapsing as recommended in the Year 3 report. All other assessed wells are in good condition and missing bolts were replaced as needed.

Analytical data generated from the Year 4 Groundwater Monitoring Event are generally consistent with analytical data from historical sampling events and meet the objectives outlined in the LTS Groundwater Monitoring Plan for each OU: ensure impacted groundwater is not extending beyond the OU-2 and OU-5 boundaries and impacted groundwater in OU-4 is stable. At the completion of the 5-year monitoring period, the LTS groundwater data will be evaluated to determine whether concentrations are increasing, and adjustments may be proposed to the monitoring plan (see Section 5.2), as appropriate.

Year 4 analytical data indicated certain concentrations that exceed the HSCA groundwater screening levels in the LTS wells. Some VOCs in OU-4 wells DA-MW40 and DA-MW41, some metals in OU-5 wells MW-48R, MW-112, and MW-113R, and one SVOC in OU-4 well DA-MW41 were detected at concentrations exceeding the HSCA groundwater screening levels and were greater than the historical maximum concentrations at these wells, respectively, but less than the historical maximum concentrations within the OUs. Dissolved manganese and total nickel were detected in OU-5 well MW-48R at levels that exceeded historical maximums within OU-5. All other compounds that exceeded HSCA groundwater screening levels did not exceed the respective historical maximums within OU-2, OU-4, and OU-5. Compared to Year 3 results, OU-5 exceedances of metals generally either remained consistent with previous sampling events or decreased following well redevelopment, with the exceptions noted above.

In addition to groundwater monitoring, an inspection of the cap in OU-5 was performed (Appendix G). The inspection identified the cap to be in good condition; however, several small surficial cracks on the pavement were detected behind the loading area at the point of intersection between the concrete and asphalt and in the concrete parking area.

5.2 Monitoring Plan Adjustments

The groundwater monitoring plan duration was set in the LTS as 5 years in total (four additional sampling events). Analytical data from the sampling events will be compared to historical data to determine if constituent concentrations are increasing or migrating. After five sampling events the monitoring plan will be adjusted, as appropriate, to increase or decrease frequency of sampling, as described in the following sections.

5.2.1 Monitoring Plan: Step Up

As stated in the LTS, following the completion of five sampling events, analytical results will be compared to historical data to determine if COC concentrations are increasing, decreasing or stable. If a statistically significant increase in concentration of COCs is observed, RACER Trust will contact DNREC to discuss the next steps including evaluating active remediation.

5.2.2 Monitoring Plan: Step Down

After five sampling events, analytical results will be compared to historical data, by OU, to determine if COC concentrations are increasing, decreasing or stable. If a statistically significant decrease in concentrations of COCs is observed at the perimeter wells, or they are non-detect for COCs, the monitoring frequency will decrease from annually to biennially. If COCs continually decrease or remain stable at the monitoring wells after eight consecutive biennial monitoring events (i.e., sixteen years) RACER Trust will submit a written request to DNREC to eliminate the groundwater monitoring program. This analysis will be conducted independently for OU-2, OU-4, and OU-5.

5.3 Additional Actions

5.3.1 Repairs

The well inspection indicated that MW-19R has a damaged concrete pad and surfaced bentonite surrounding the well casing and the well pad around MW-109R is loose. If it is determined that additional sampling events are required in OU-2 following the Year 5 sampling event, the wells will be repaired.

6. References

- Brightfields, Inc. 2021. Letter to Mr. Rick Galloway, DNREC, regarding Documentation of Cap Placement, Former GM Assembly Plant (DE-1149) - Operable Unit 5, Wilmington, Delaware, BrightFields 3963.03.52. November 8.
- Conestoga-Rovers & Associates. 2015. Remedial Investigation Report, Former GM Wilmington Assembly Plant, Prepared for RACER Trust. July.
- DNREC – Remediation Section. 2020. Guidance for Analytical Data Usability Assessment for Programs Under Hazardous Substance Cleanup Act (HSCA). May.
- GHD. 2025. Long-Term Stewardship Plan: OU-1 through OU-5, Revision 4, Former GM Wilmington Assembly Plant, Wilmington, Delaware, RACER Trust. January 14.
- United States Environmental Protection Agency. 2020. National Functional Guidelines for Organic Superfund Methods Data Review, 540-R-20-005. November.
- United States Environmental Protection Agency. 2020. National Functional Guidelines for Inorganic Superfund Methods Data Review, 542-R-20-006, November.

7. Disclaimer

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Groundwater Elevation Data
Long-Term Stewardship Plan Groundwater Sampling Report, Year 4
Former GM Wilmington Assembly Plant
Wilmington, Delaware

Well	Coordinates		TOC Elevation (feet amsl)	Ground Elevation (feet amsl)	Measured Total Depth (feet bgs)	Screen Length (feet)	Depth to Water (feet below TOC)	Water Elevation (feet amsl)
	Northing	Easting						
Operable Unit 2								
MW-8R	629287.640	600410.090	82.49	-	20.08	10	15.62	66.87
MW-9R	629873.770	600068.980	83.14	-	19.70	10	13.24	69.90
MW-19R	629593.420	600357.460	79.18	-	19.33	10	10.51	68.67
Operable Unit 4								
MW-36S	629188.746	602373.059	80.79	81.23	22.65	10	16.70	64.09
MW-40	629219.970	602578.160	79.46	-	22.30	10	14.92	64.54
MW-41	629307.620	602592.810	78.24	-	24.80	10	15.00	63.24
MW-50R	629260.179	602381.634	80.34	80.50	24.50	15	16.40	63.94
Operable Unit 5								
MW-28R	629916.450	602684.690	73.54	73.74	19.6	10	10.20	63.34
MW-48R	630325.799	603371.716	70.78	70.86	15.77	10	8.50	62.28
MW-109R	630691.629	603493.433	71.13	71.29	16.27	10	11.24	59.89
MW-112	630558.203	603446.161	71.39	71.71	17.67	10	11.29	60.10
MW-113R	630428.085	603409.008	70.44	70.57	17.10	10	9.32	61.12

Note:

TOC = top of casing; amsl = above mean sea level; bgs = below ground surface

Groundwater Analytical Results - Volatile Organic Compounds Detections
Long-Term Stewardship Plan Groundwater Sampling Report, Year 4

Former GM Wilmington Assembly Plant
Wilmington, Delaware

Operable Units: Sample Location:		Historical Maximum	HSCA	Historical Maximum	Historical Maximum	Historical Maximum	OU-2 MW-8R	OU-2 MW-9R	OU-2 MW-19R	OU-2 MW-19R	OU-4 DA-MW40	OU-4 DA-MW41	OU-4 MW-36S	OU-4 MW-50R	OU-5 MW-48R
Sample ID:	GW-11222397- 111225-TF-08						GW-11222397- 111225-TF-10	GW-11222397- 111225-TF-12	GW-11222397- 111225-TF-14	GW-11222397- 111125-ES-004	GW-11222397- 111225-ES-05	GW-11222397- 111125-ES-003	GW-11222397- 111125-ES-001	GW-11222397- 111225-ES-07	
Sample Date:	Concentration						Groundwater Criteria December 2025 ^(c)	Concentration	Concentration	Concentration	11/12/2025	11/12/2025	11/12/2025	11/12/2025	11/11/2025
		Exceeding HSCA ^(a)		OU-2	OU-4	OU-5									
Parameters		Units	(b)												
VOCs															
1,2,4-Trimethylbenzene	ug/L	3500	5.6	3500	2800	9.1	0.37 U	0.37 U	5.1	5.1	350	410	73	4.3	-
1,2-Dichloroethane	ug/L	71	0.17	0.8	71	--	0.087 U	0.087 U	0.087 U	0.087 U	0.17 U	0.44 U	0.17 U	2.8	-
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	850	560	850	90	--	3.9 U	3.9 U	3.9 U	4.2 J	7.8 U	19 U	7.8 U	5.1	-
Acetone	ug/L	470000	1800	470000	280	32	4.4 U	4.4 U	29	32	39	22 U	11	20	-
Benzene	ug/L	1500	0.46	1200	1500	15	0.070 U	0.070 U	0.070 U	0.070 U	0.14 U	11	77	440	0.070 U
Carbon disulfide	ug/L	39	81	39	0.77	0.27	0.82 U	0.82 U	39	39	1.6 U	4.1 U	1.6 U	0.82 U	-
cis-1,2-Dichloroethene	ug/L	9.2	2.5	7.1	1.8	9.2	0.48 U	0.48 U	0.48 U	0.48 U	0.96 U	2.4 U	0.96 U	0.89 J	-
Cyclohexane	ug/L	700	1300	79	700	6.9	0.32 U	0.32 U	0.32 U	0.32 U	180	250	96	59 J-	-
Ethylbenzene	ug/L	22000	1.5	22000	2400	29	0.30 U	0.30 U	1.9	2.0	260	510	420	140	-
Isopropyl benzene	ug/L	560	45	560	130	2.5	0.34 U	0.34 U	0.34 U	0.34 U	29	37	8.7	14	-
Methyl cyclohexane	ug/L	370	20	200	370	8.7	0.71 U	0.71 U	0.71 U	0.71 U	69	89	17	12	-
Styrene	ug/L	72	100	1.8	72	--	0.42 U	0.42 U	1.4	1.1	0.83 U	2.1 U	0.83 U	0.42 U	-
Tetrachloroethene	ug/L	1.3	1	0.8	1.3	--	0.41	0.28 U	0.28 U	0.28 U	0.55 U	1.4 U	0.55 U	0.28 U	-
Toluene	ug/L	190000	110	190000	6100	31	0.38 U	0.38 U	1.1	1.1	0.76 U	100	55	71 J-	-
Trichloroethene	ug/L	9.5	0.28	3	9.5	3.8	0.074 U	0.074 U	0.074 U	0.074 U	0.15 U	0.37 U	0.15 U	0.074 U	0.83
Trichlorofluoromethane (CFC-11)	ug/L	3.7	520	3.7	--	--	3.7	0.32 U	0.32 U	0.32 U	0.64 U	1.6 U	0.64 U	0.32 U	-
Vinyl chloride	ug/L	42	0.019	2.5	23	42	0.40 U	0.40 U	0.97 J	1.3	0.80 U	2.0 U	0.80 U	0.40 U	-
Xylenes (total)	ug/L	35000	19	35000	13000	140	0.65 U	0.65 U	10	9.8	890	1500	650	43	-

Notes:

For clarity, only compounds detected above reporting limits are shown.

µg/L= micrograms per liter; DNREC = Department of Natural Resources and Environmental Control; HSCA = Hazardous Substance Cleanup Act;

J = estimated concentration; J- = MS and/or MSD recovery exceeds control limits, VOCs = volatile organic compounds; U = not detected at the associated reporting limit updated December 2025.

a) Maximum historical concentration of analyte exceeding the HSCA Groundwater Screening Levels, December 2025 across the Site

b) Maximum historical concentration of analyte detected at individual operable units OU-2, OU-4, and OU-5

c) Hazardous Substance Cleanup Act (HSCA) Groundwater Screening Levels, December 2025

"--" compound was not analyzed for

Groundwater Analytical Results - Semi-Volatile Organic Compound Detections
LTS Plan Groundwater Sampling Report, Year 4
Former GM Wilmington Assembly Plant
Wilmington, Delaware

Operable Unit: Sample Location: Sample ID: Sample Date:		Historical Maximum Concentration Exceeding HSCA ^(a)	HSCA Groundwater Criteria December 2025 ^(c)	Historical Maximum Concentration OU-4 ^(b)	OU-4 DA-MW40 GW-11222397- 111125-ES-004 11/11/2025	OU-4 DA-MW41 GW-11222397- 111225-ES-05 11/12/2025	OU-4 DA-MW41 GW-11222397- 111225-TF-15 11/12/2025 Duplicate	OU-4 MW-36S GW-11222397- 111125-ES-003 11/11/2025	OU-4 MW-50R GW-11222397- 111125-ES-001 10/31/2024
Parameters	Units								
SVOCs									
2,4-Dimethylphenol	ug/L	600	36	33	0.62 U	3.4 J	3.1 J	1.9 J	0.62 U
2-Methylnaphthalene	ug/L	180	3.6	180	11	24	19	21	0.53 U
Acetophenone	ug/L	460	190	48	9.9 J	22	18	3.0 J	2.3 U
Biphenyl (1,1-Biphenyl)	ug/L	12	0.083	12	1.2 U	1.2 U	1.2 U	1.2 J	1.2 U
Naphthalene	ug/L	3200	0.12	310	62	130	110	48	12

Notes:

For clarity, only compounds detected above reporting limits are shown.

µg/L= micrograms per liter; DNREC = Department of Natural Resources and Environmental Control; HSCA = Hazardous Substance Cleanup Act; J = estimated concentration; SVOCs = semi-volatile organic compounds; U = not detected at the associated reporting limit.

Red values exceed the Delaware DNREC HSCA Groundwater Screening Levels, updated December 2025.

a) Maximum historical concentration of analyte exceeding the HSCA Groundwater Screening Levels, December 2025 across the Site

b) Maximum historical concentration of analyte detected at OU-4

c) Hazardous Substance Cleanup Act (HSCA) Groundwater Screening Levels, December 2025

"--" compound was not analyzed for

Table 4

Groundwater Analytical Data - Metal Detections
Long-Term Stewardship Plan Groundwater Sampling Report, Year 4
Former GM Wilmington Assembly Plant
Wilmington, Delaware

Operable Unit: Sample Location:		Historical Maximum Concentration Exceeding HSCA ^(a)	HSCA Groundwater Criteria December 2025 ^(c)	Historical Maximum Concentration OU-5 ^(b)	OU-5 MW-48R GW-11222397-111225- ES-07 11/12/2025	OU-5 MW-109R GW-11222397-111325- ES-016 11/13/2025	OU-5 MW-112 GW-11222397-111225- ES-11 11/12/2025
Sample ID:							
Sample Date:							
Parameters	Units						
Metals							
Aluminum	ug/L	77700	2000	32100	23.2 J	19.9 J	3920
Antimony	ug/L	49.4	0.78	49.4	0.45 J	0.41 J	0.61 J
Antimony (dissolved)	ug/L	0.33	0.78	0.33	0.30 UJ	0.33 J	0.30 UJ
Barium	ug/L	1390	380	1390	269	234	340
Barium (dissolved)	ug/L	1030	380	1030	265	221	307
Beryllium	ug/L	2.6	2.5	2.6	0.13 U	0.13 U	0.25 J
Calcium	ug/L	109000	--	102000	50200	57800	64500
Calcium (dissolved)	ug/L	113000	--	113000	48100	55400	61000
Chromium	ug/L	145	10	57.7	1.2 U	1.2 U	6.1
Cobalt	ug/L	234	0.6	53.4	8.0	0.24 U	5.8
Cobalt (dissolved)	ug/L	216	0.6	54.9	6.4	0.24 J	3.4
Copper	ug/L	65.7	80	18.3	2.5 U	2.5 U	6.1
Iron	ug/L	285000	1400	78400	58.2 U	58.2 U	4120
Iron (dissolved)	ug/L	245000	1400	47500	58.2 U	58.2 U	58.2 U
Lead	ug/L	83.5	10	76.9	0.84 U	0.84 U	5.2
Magnesium	ug/L	138000	--	138000	49400	19100	40500
Magnesium (dissolved)	ug/L	144000	--	144000	48300	18300	38500
Manganese	ug/L	32400	43	12200	9640	1.5 U	804
Manganese (dissolved)	ug/L	29100	43	8660	8660	1.5 U	731
Nickel	ug/L	76.7	39	41.8	41.8	0.93 J	10.3
Nickel (dissolved)	ug/L	44.7	39	44.7	29.8	0.91 U	4.5
Potassium	ug/L	35100	--	35100	4220	6610	9160
Selenium (dissolved)	ug/L	13.1	10	13.1	1.5 J	0.59 U	0.59 U
Sodium	ug/L	272000	--	248000	151000	77200	134000
Sodium (dissolved)	ug/L	261000	--	261000	143000	73900	124000
Vanadium	ug/L	199	8.6	99.7	0.68 U	3.3 J	10.0
Vanadium (dissolved)	ug/L	3.4	8.6	3.4	0.68 U	3.4 J	0.68 U
Zinc	ug/L	237	600	196	10.7 J	6.5 U	26.9

Notes:

For clarity, only compounds detected above reporting limits are shown.

µg/L= micrograms per liter; DNREC = Department of Natural Resources and Environmental Control; HSCA = Hazardous Substance Cleanup Act; J = estimated concentration; U = not detected at the associated reporting limit.

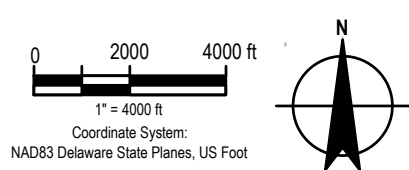
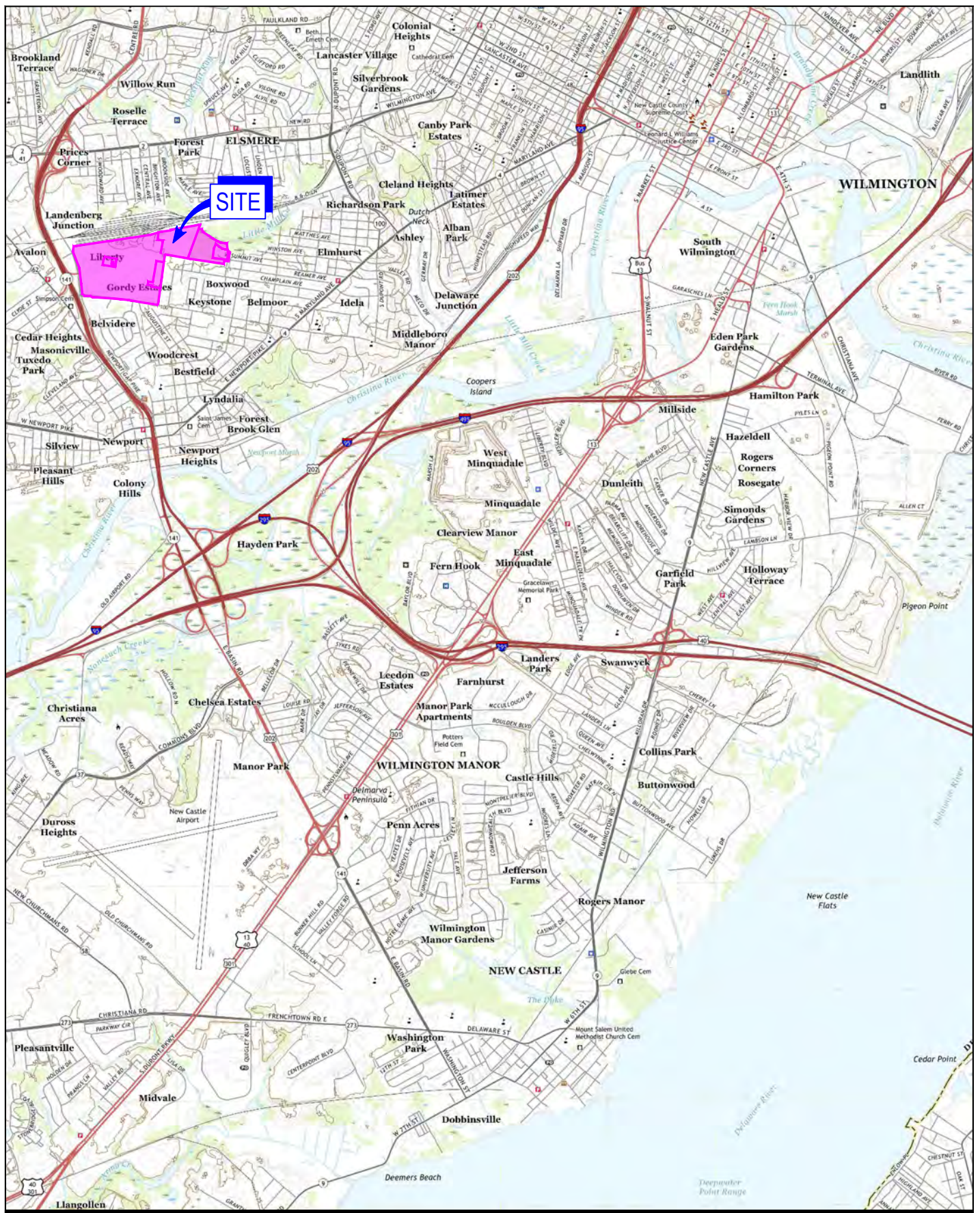
Red values exceed the Delaware DNREC Hazardous Substance Cleanup Act Groundwater Screening Levels, updated December 2025.

a) Maximum historical concentration of analyte exceeding the HSCA Groundwater Screening Levels, December 2025 across the Site

b) Maximum historical concentration of analyte detected at OU-5

c) Hazardous Substance Cleanup Act (HSCA) Groundwater Screening Levels, December 2025

"--" compound was not analyzed for

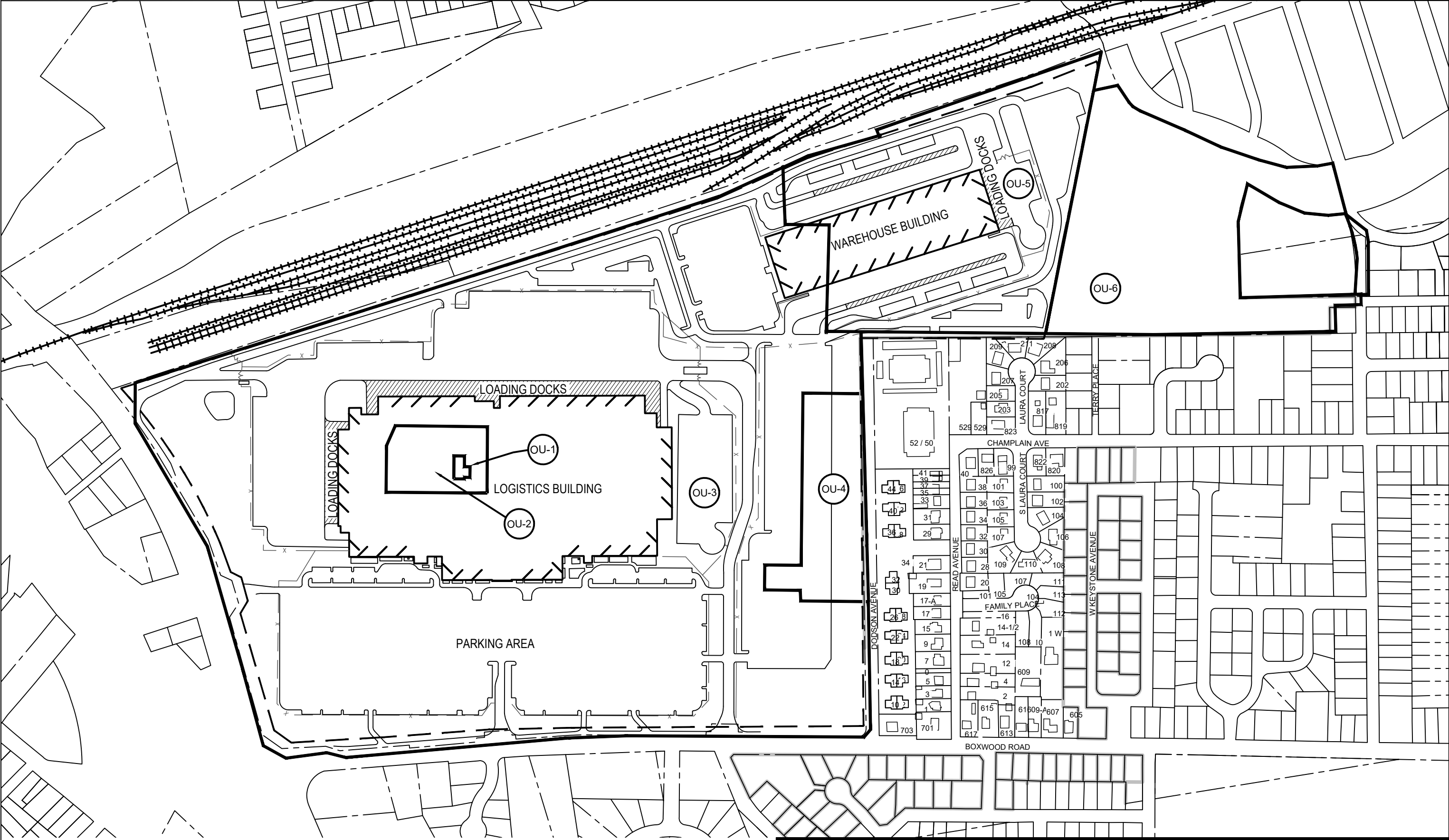


**RACER TRUST
WILMINGTON, DELAWARE
LTS GROUNDWATER MONITORING**

Project No. 11222397
Date January 2026

SITE LOCATION MAP

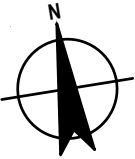
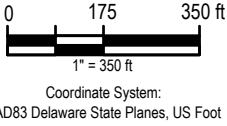
FIGURE 1



LEGEND

- APPROXIMATE FACILITY BOUNDARY
- OPERABLE UNIT (OU) BOUNDARY
- ++++ RAILWAY
- - - FENCELINE

NOTE: BUILDING LAYOUT AS OF 2021

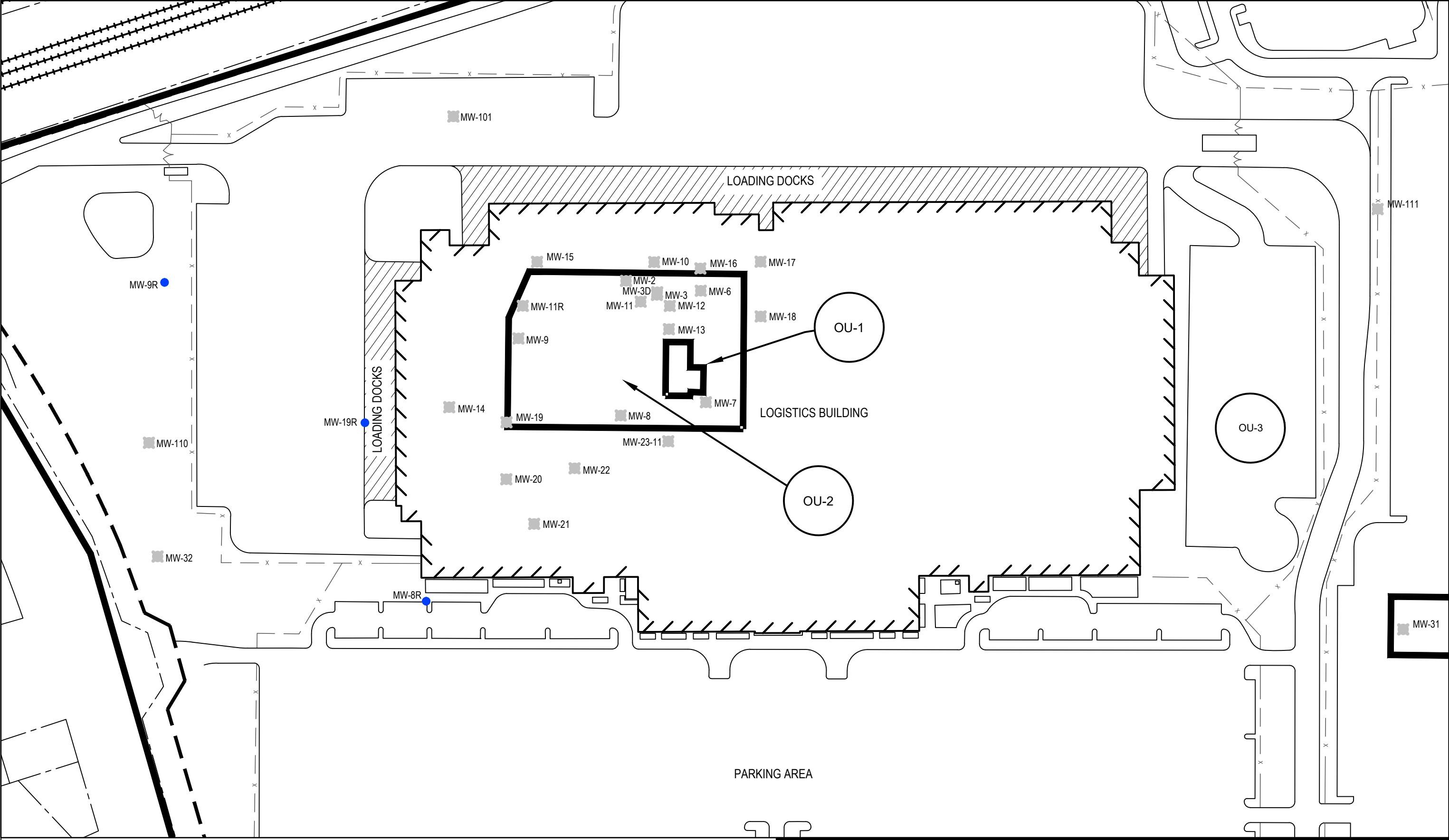


RACER TRUST
WILMINGTON, DELAWARE
LTS GROUNDWATER MONITORING

Project No. 11222397
Date January 2026

LOCATION OF OPERABLE UNITS

FIGURE 2



LEGEND

APPROXIMATE FACILITY BOUNDARY

OPERABLE UNIT (OU) BOUNDARY

RAILWAY

FENCELINE

MW-28

ABANDONED MONITORING WELL

MW-9R

LTS MONITORING WELL

0

75

150 ft

1" = 150 ft

Coordinate System:
NAD83 Delaware State Planes, US Foot

N

GHD

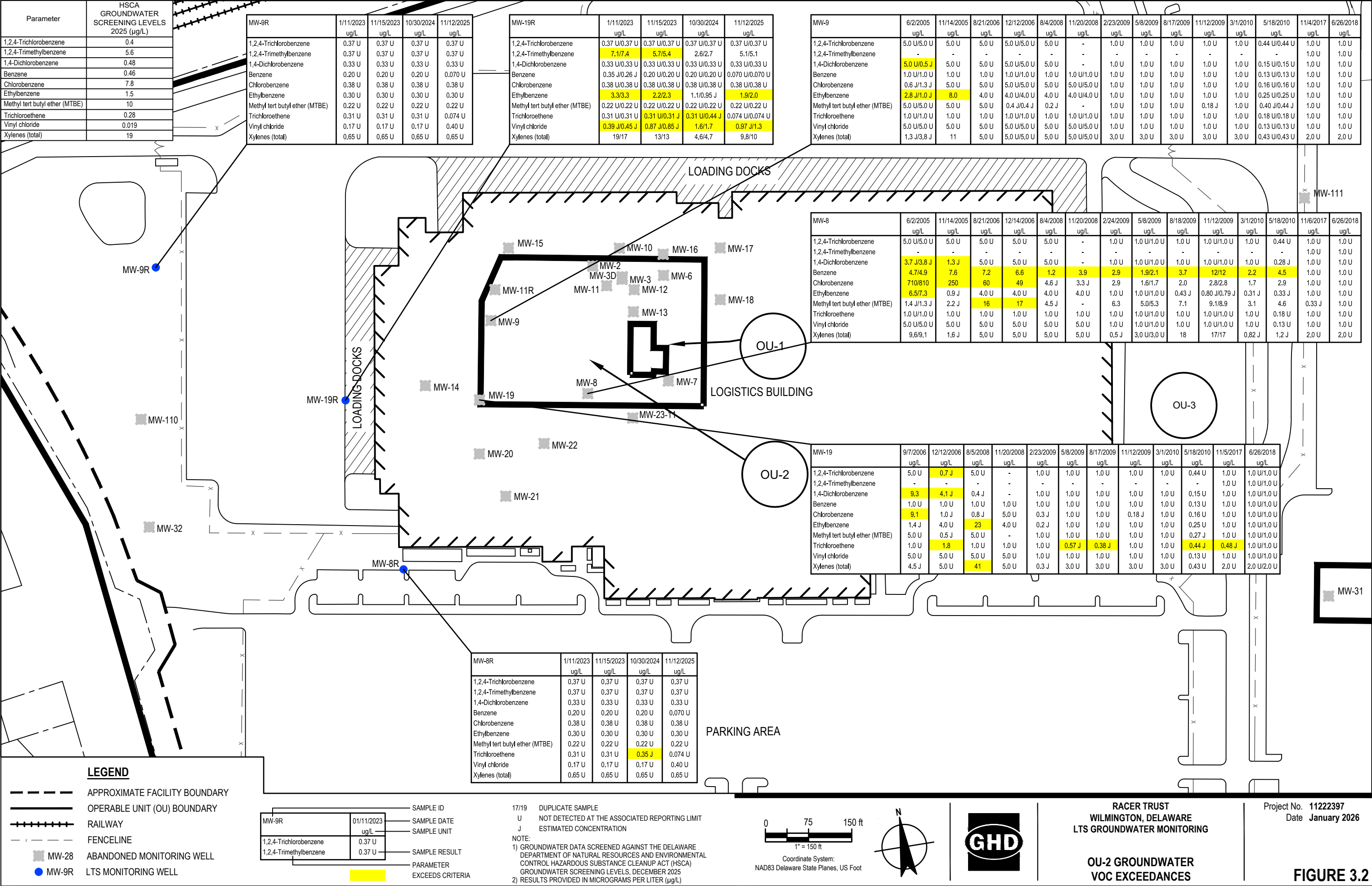
RACER TRUST
WILMINGTON, DELAWARE
LTS GROUNDWATER MONITORING

OU-2 GROUNDWATER
MONITORING LOCATIONS

Project No. 11222397
Date January 2026

FIGURE 3.1

Filename: C:\ADSK\ACCDocs\GHD Services Pty Ltd\11230862-Enviro Projs\Project Files\11222397\01 WIP\EnvFigures\RPT004\11222397-GHD-00-00-RPT-EN-D111_WA-004.dwg
Plot Date: 29 January 2026 9:46 PM



MW-8

6/2/2005
ug/L

11/14/2005
ug/L

8/21/2006
ug/L

12/14/2006
ug/L

8/4/2008
ug/L

11/20/2008
ug/L

2/24/2009
ug/L

5/8/2009
ug/L

8/18/2009
ug/L

11/12/2009
ug/L

3/1/2010
ug/L

5/18/2010
ug/L

11/6/2017
ug/L

6/26/2018
ug/L

1,2,4-Trichlorobenzene

5.0 U/5.0 U

5.0 U

5.0 U

5.0 U

5.0 U

-

1.0 U

1.0 U/1.0 U

1.0 U

1.0 U/1.0 U

1.0 U

0.44 U

1.0 U

1.0 U

1,2,4-Trimethylbenzene

-

-

-

-

-

-

-

-

-

-

-

-

1.0 U

1,4-Dichlorobenzene

3.7 J/3.8 J

1.3 J

5.0 U

5.0 U

5.0 U

-

1.0 U

1.0 U/1.0 U

1.0 U

1.0 U/1.0 U

1.0 U

0.28 J

1.0 U

1.0 U

Benzene

4.7/4.9

7.6

7.2

6.6

1.2

3.9

2.9

1.9/2.1

3.7

12/12

2.2

4.5

1.0 U

1.0 U

Chlorobenzene

710/810

250

60

49

4.6 J

3.3 J

2.9

1.6/1.7

2.0

2.8/2.8

1.7

2.9

1.0 U

1.0 U

Ethylbenzene

6.5/7.3

0.9 J

4.0 U

4.0 U

4.0 U

4.0 U

1.0 U

1.0 U/1.0 U

0.43 J

0.80 J/0.79 J

0.31 J

0.33 J

1.0 U

1.0 U

Methyl tert butyl ether (MTBE)

1.4 J/1.3 J

2.2 J

16

17

4.5 J

-

6.3

5.0/5.3

7.1

9.1/8.9

3.1

4.6

0.33 J

1.0 U

Trichloroethene

1.0 U/1.0 U

1.0 U

1.0 U

1.0 U

1.0 U

1.0 U

1.0 U

1.0 U/1.0 U

1.0 U

1.0 U/1.0 U

1.0 U

0.18 U

1.0 U

1.0 U

Vinyl chloride

5.0 U/5.0 U

5.0 U

5.0 U

5.0 U

5.0 U

5.0 U

1.0 U

1.0 U/1.0 U

1.0 U

1.0 U/1.0 U

1.0 U

0.13 U

1.0 U

1.0 U

Xylenes (total)

9.6/9.1

1.6 J

5.0 U

5.0 U

5.0 U

5.0 U

0.5 J

3.0 U/3.0 U

18

17/17

0.82 J

1.2 J

2.0 U

2.0 U

MW-19

9/7/2006
ug/L

12/12/2006
ug/L

8/5/2008
ug/L

11/20/2008
ug/L

2/23/2009
ug/L

5/8/2009
ug/L

8/17/2009
ug/L

11/12/2009
ug/L

3/1/2010
ug/L

5/18/2010
ug/L

11/5/2017
ug/L

6/26/2018
ug/L

1,2,4-Trichlorobenzene

5.0 U

0.7 J

5.0 U

-

1.0 U

1.0 U

1.0 U

1.0 U

1.0 U

0.44 U

1.0 U

1.0 U/1.0 U

1,2,4-Trimethylbenzene

-

-

-

-

-

-

-

-

-

-

-

1.0 U/1.0 U

1,4-Dichlorobenzene

9.3

4.1 J

0.4 J

-

1.0 U

1.0 U

1.0 U

1.0 U

1.0 U

0.15 U

1.0 U

1.0 U/1.0 U

Benzene

1.0 U

1.0 U

1.0 U

1.0 U

1.0 U

1.0 U

1.0 U

1.0 U

1.0 U

0.13 U

1.0 U

1.0 U/1.0 U

Chlorobenzene

9.1

1.0 J

0.8 J

5.0 U

0.3 J

1.0 U

1.0 U

0.18 J

1.0 U

0.16 U

1.0 U

1.0 U/1.0 U

Ethylbenzene

1.4 J

4.0 U

23

4.0 U

0.2 J

1.0 U

1.0 U

1.0 U

1.0 U

0.25 U

1.0 U

1.0 U/1.0 U

Methyl tert butyl ether (MTBE)

5.0 U

0.5 J

5.0 U

-

1.0 U

1.0 U

1.0 U

1.0 U

1.0 U

0.27 J

1.0 U

1.0 U/1.0 U

Trichloroethene

1.0 U

1.8

1.0 U

1.0 U

1.0 U

0.57 J

0.38 J

1.0 U

1.0 U

0.44 J

0.48 J

1.0 U/1.0 U

Vinyl chloride

5.0 U

5.0 U

5.0 U

5.0 U

1.0 U

1.0 U

1.0 U

1.0 U

1.0 U

0.13 U

1.0 U

1.0 U/1.0 U

Xylenes (total)

4.5 J

5.0 U

41

5.0 U

0.3 J

3.0 U

3.0 U

3.0 U

3.0 U

0.43 U

2.0 U

2.0 U/2.0 U

MW-8R

1/11/2023
ug/L

11/15/2023
ug/L

10/30/2024
ug/L

11/12/2025
ug/L

1,2,4-Trichlorobenzene

0.37 U

0.37 U

0.37 U

0.37 U

1,2,4-Trimethylbenzene

0.37 U

0.37 U

0.37 U

0.37 U

1,4-Dichlorobenzene

0.33 U

0.33 U

0.33 U

0.33 U

Benzene

0.20 U

0.20 U

0.20 U

0.070 U

Chlorobenzene

0.38 U

0.38 U

0.38 U

0.38 U

Ethylbenzene

0.30 U

0.30 U

0.30 U

0.30 U

Methyl tert butyl ether (MTBE)

0.22 U

0.22 U

0.22 U

0.22 U

Trichloroethene

0.31 U

0.31 U

0.35 J

0.074 U

Vinyl chloride

0.17 U

0.17 U

0.17 U

0.40 U

Xylenes (total)

0.65 U

0.65 U

0.65 U

0.65 U

LEGEND

--- APPROXIMATE FACILITY BOUNDARY

--- OPERABLE UNIT (OU) BOUNDARY

++++ RAILWAY

- x - FENCELINE

MW-28 ABANDONED MONITORING WELL

MW-9R LTS MONITORING WELL

MW-9R

01/11/2023
ug/L

1,2,4-Trichlorobenzene

0.37 U

1,2,4-Trimethylbenzene

0.37 U

17/19 DUPLICATE SAMPLE

U NOT DETECTED AT THE ASSOCIATED REPORTING LIMIT

J ESTIMATED CONCENTRATION

NOTE:
1) GROUNDWATER DATA SCREENED AGAINST THE DELAWARE DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL HAZARDOUS SUBSTANCE CLEANUP ACT (HSCA) GROUNDWATER SCREENING LEVELS, DECEMBER 2025
2) RESULTS PROVIDED IN MICROGRAMS PER LITER (ug/L)

0 75 150 ft

1" = 150 ft

Coordinate System:
NAD83 Delaware State Planes, US Foot

GHD

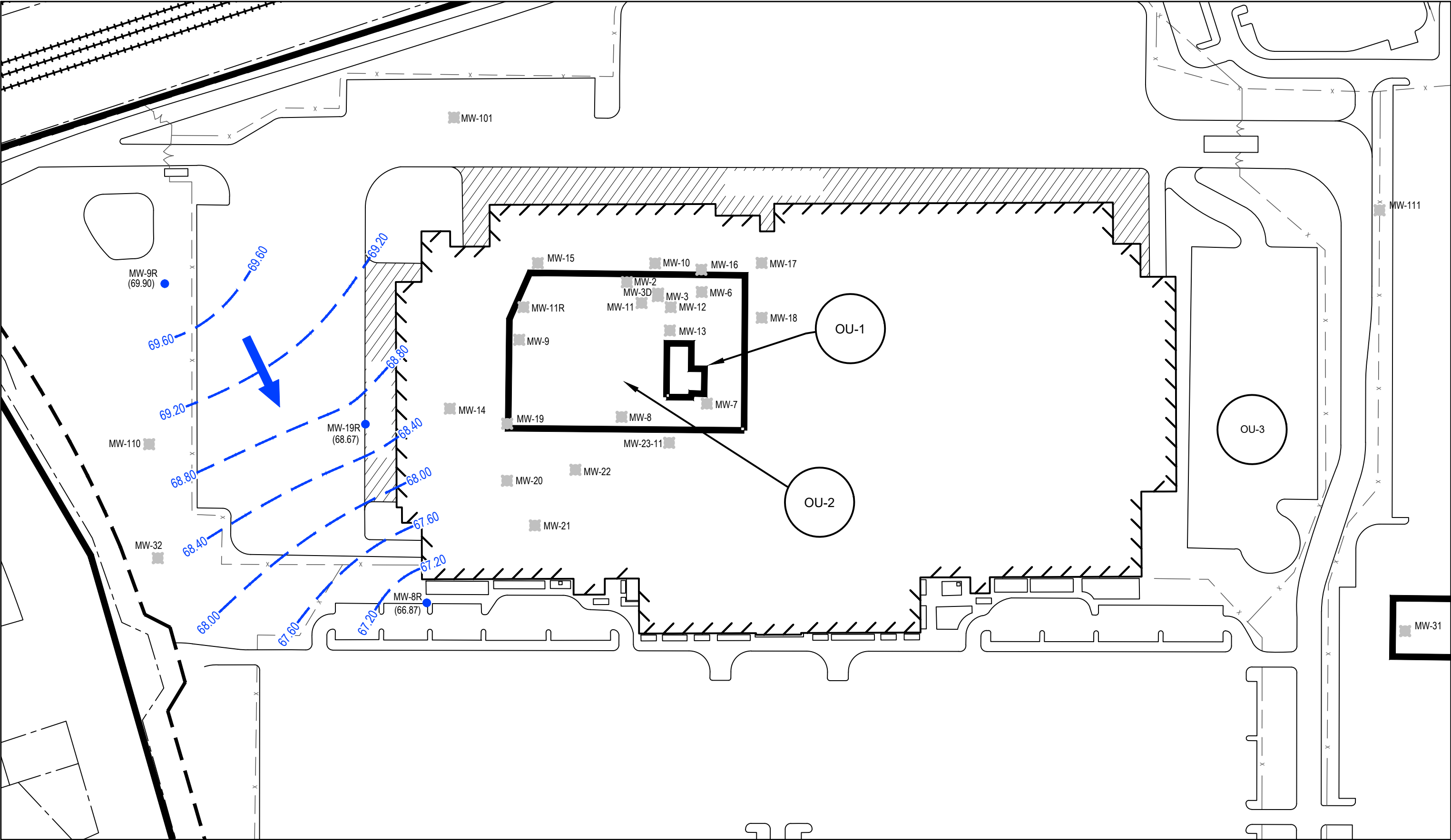
RACER TRUST
WILMINGTON, DELAWARE
LTS GROUNDWATER MONITORING

OU-2 GROUNDWATER
VOC EXCEEDANCES

Project No. 11222397
Date January 2026

FIGURE 3.2

Filename: C:\ADSK\ACCDocs\GHD Services Pty Ltd\11230862-Enviro Projs\Project Files\11222397\01 WPI\Env\Figures\RPT004\11222397-GHD-00-00-RPT-EN-D101_WA-004.dwg
Plot Date: 29 January 2026 5:53 PM



LEGEND

--- APPROXIMATE FACILITY BOUNDARY

— OPERABLE UNIT (OU) BOUNDARY

++++ RAILWAY

-x- FENCELINE

MW-28 ABANDONED MONITORING WELL

MW-9R (69.90) LTS MONITORING WELL

(69.90) GROUNDWATER ELEVATION MEASURED ON NOVEMBER 10 AND 11, 2025

—68.00— ESTIMATED GROUNDWATER ELEVATION CONTOUR

➡ ESTIMATED GROUNDWATER FLOW DIRECTION

0 75 150 ft

1" = 150 ft

Coordinate System:
NAD83 Delaware State Planes, US Foot

N

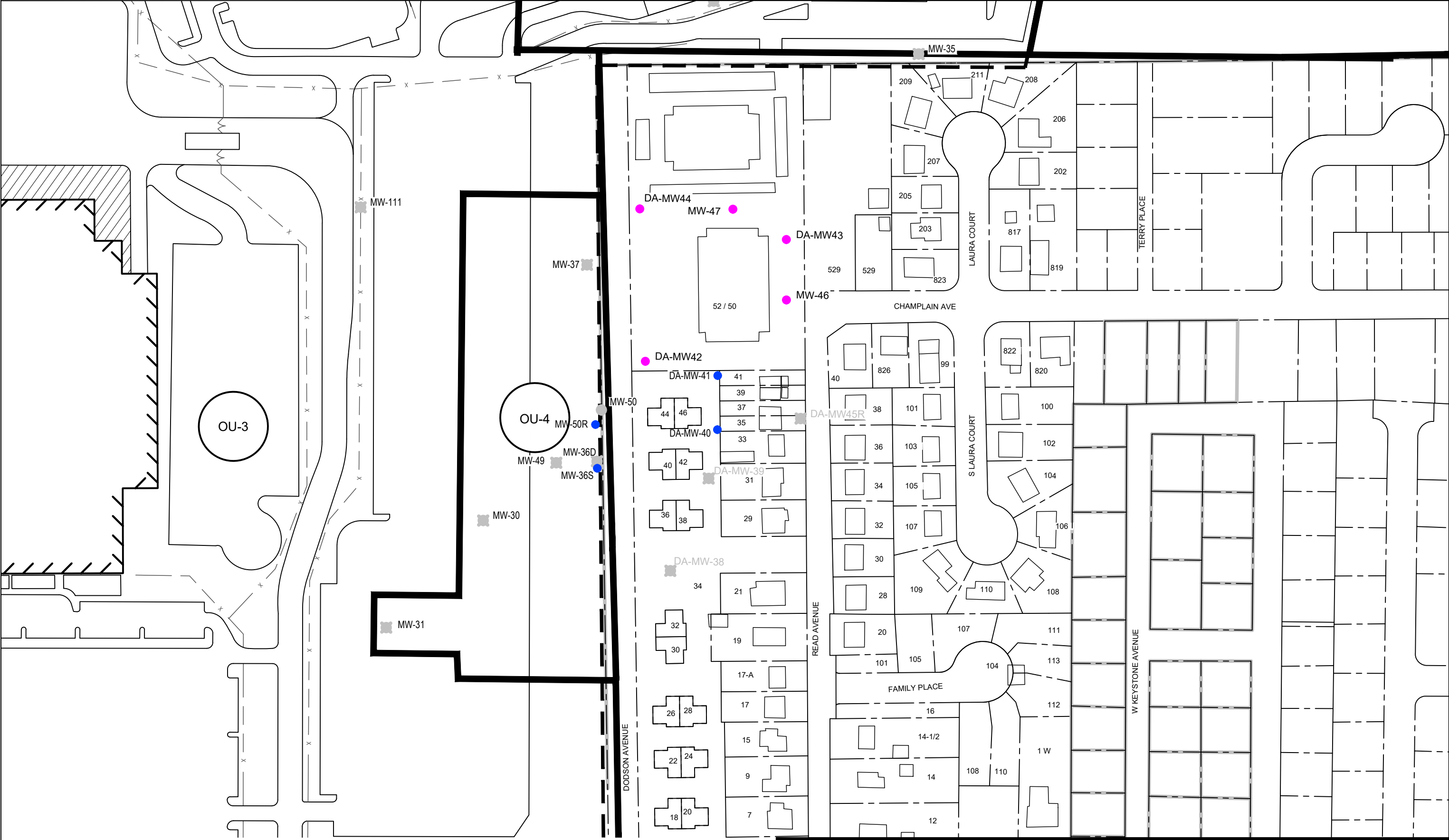
RACER TRUST
WILMINGTON, DELAWARE
LTS GROUNDWATER MONITORING

OU-2 GROUNDWATER CONTOURS

Project No. 11222397
Date January 2026

FIGURE 3.3

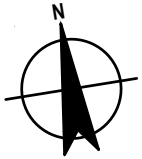
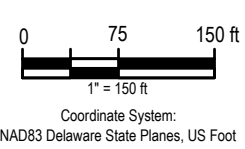
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Plot Date: 29 January 2026 5:55 PM



LEGEND

- | | | | |
|-------|-------------------------------|----------|---|
| --- | APPROXIMATE FACILITY BOUNDARY | ● MW-109 | MONITORING WELL TO BE ABANDONED WITH ACCESS |
| --- | OPERABLE UNIT (OU) BOUNDARY | ■ MW-28 | ABANDONED MONITORING WELL |
| +++++ | RAILWAY | ● MW-50R | LTS MONITORING WELL |
| -x-x- | FENCELINE | ● MW-50 | WELL LOST UNDER BERM |

NOTE:
* - MW-36D WAS OBSERVED TO BE DAMAGED IN 2024 AND WAS ABANDONED IN 2025

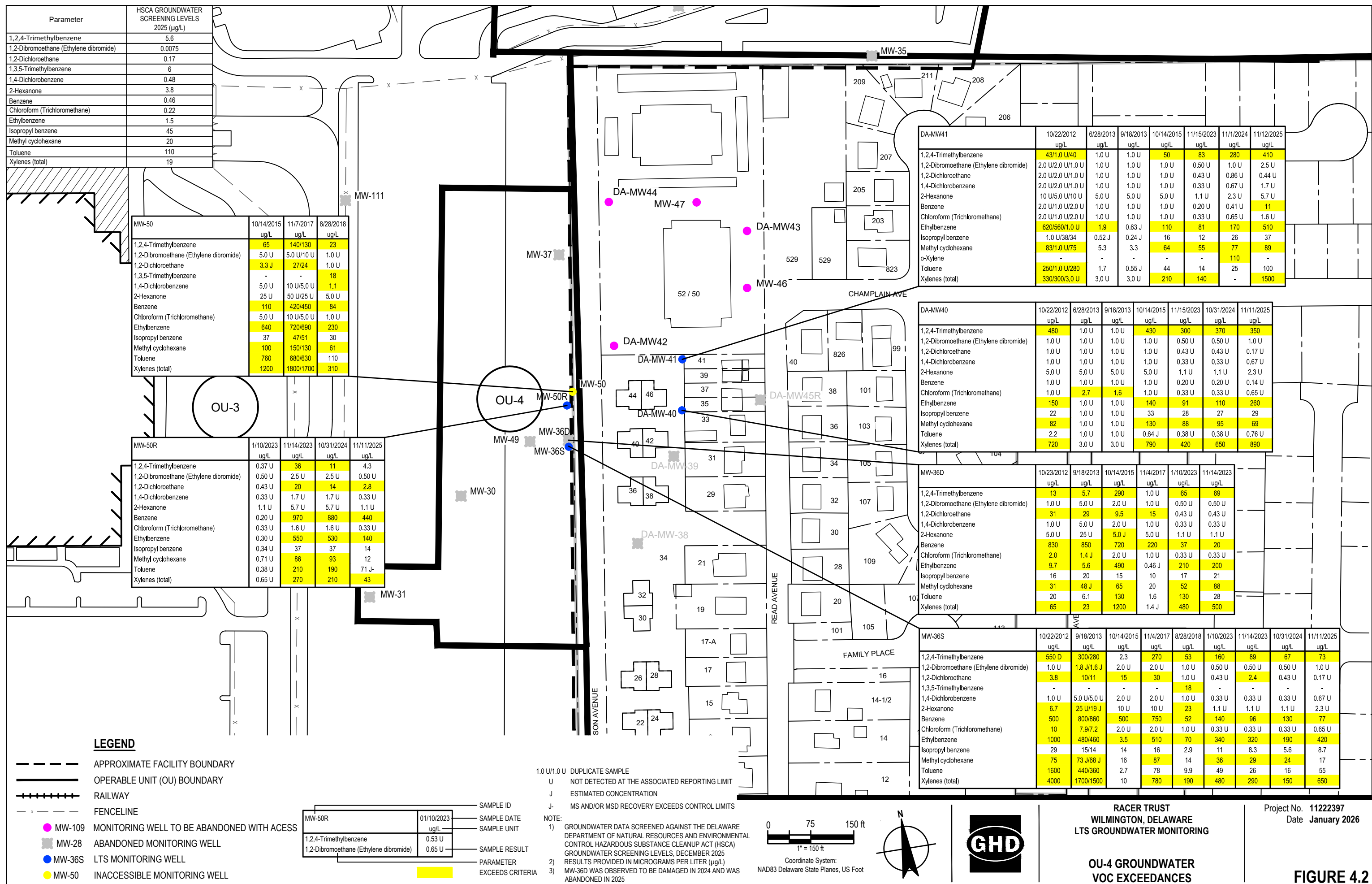


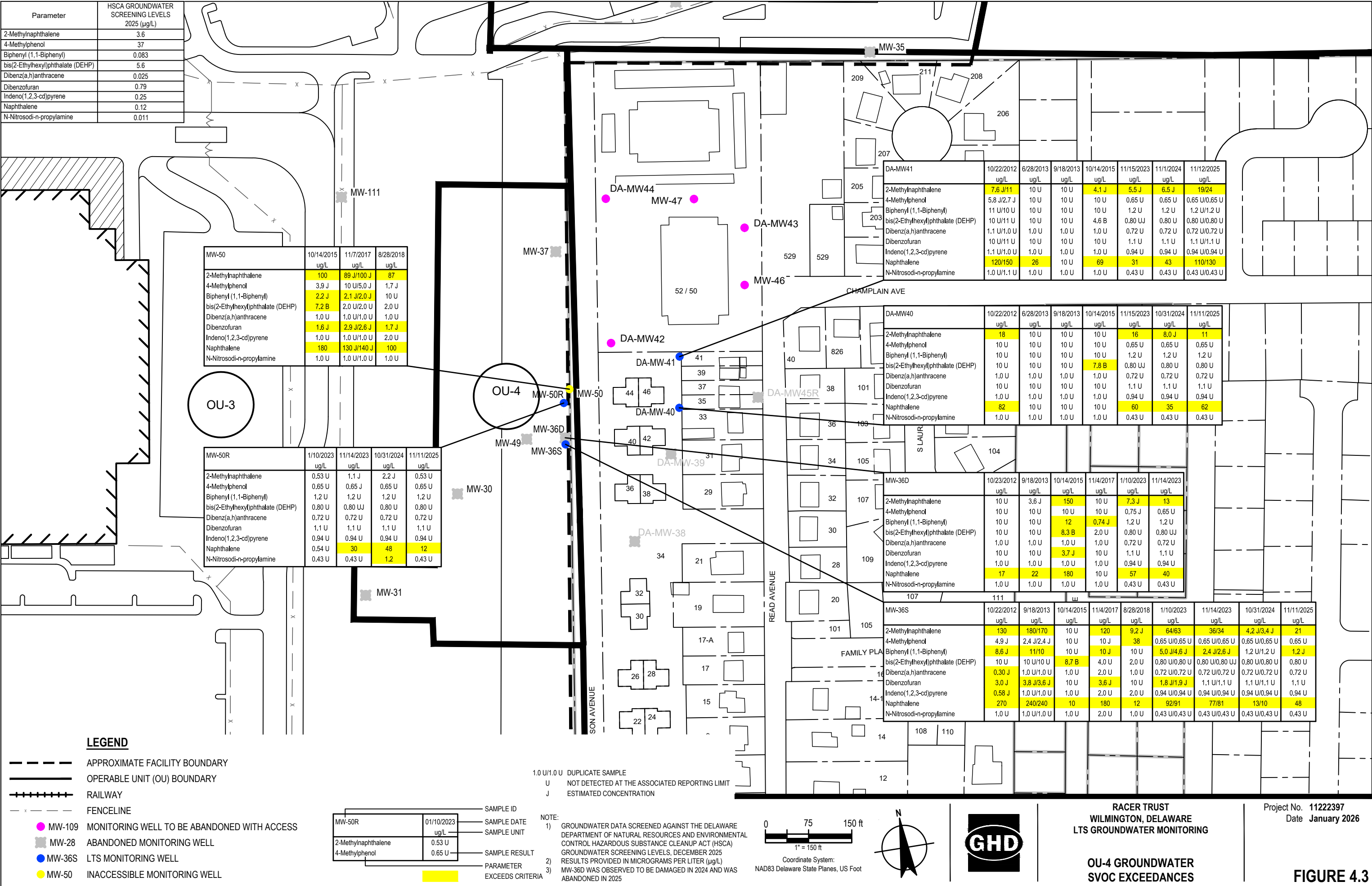
RACER TRUST
WILMINGTON, DELAWARE
LTS GROUNDWATER MONITORING

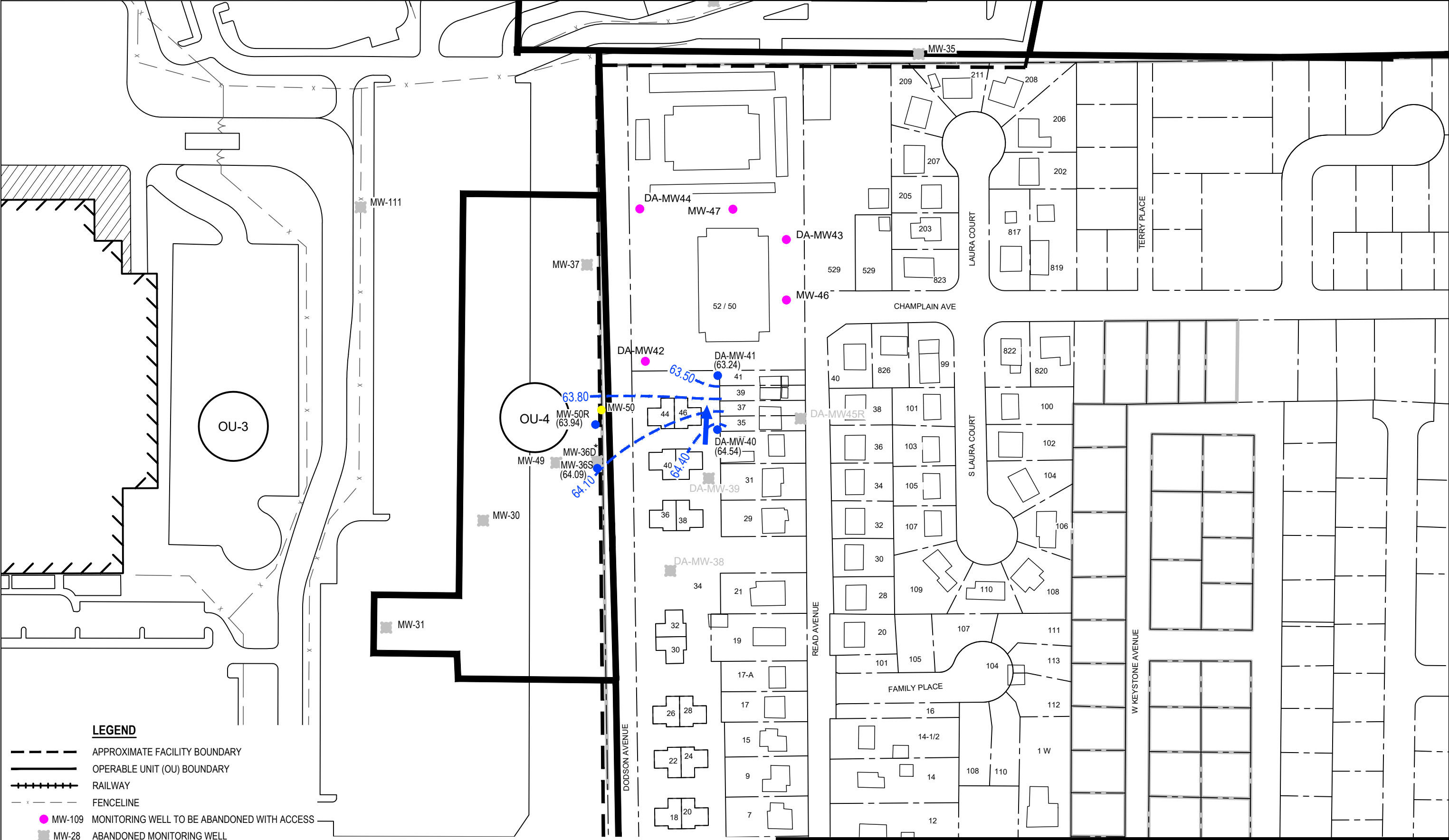
OU-4 GROUNDWATER
MONITORING LOCATIONS

Project No. 11222397
Date January 2026

FIGURE 4.1







LEGEND

--- APPROXIMATE FACILITY BOUNDARY

--- OPERABLE UNIT (OU) BOUNDARY

+++++ RAILWAY

- - - FENCELINE

● MW-109 MONITORING WELL TO BE ABANDONED WITH ACCESS

■ MW-28 ABANDONED MONITORING WELL

● MW-50R LTS MONITORING WELL
(63.94) GROUNDWATER ELEVATION MEASURED ON NOVEMBER 10 TO NOVEMBER 11, 2025

● MW-50 INACCESSIBLE MONITORING WELL

--- 63.80 ESTIMATED GROUNDWATER ELEVATION CONTOUR

→ ESTIMATED GROUNDWATER FLOW DIRECTION

NOTE:
* - MW-36D WAS OBSERVED TO BE DAMAGED IN 2024 AND WAS ABANDONED IN 2025

0 75 150 ft
1" = 150 ft

Coordinate System:
NAD83 Delaware State Planes, US Foot

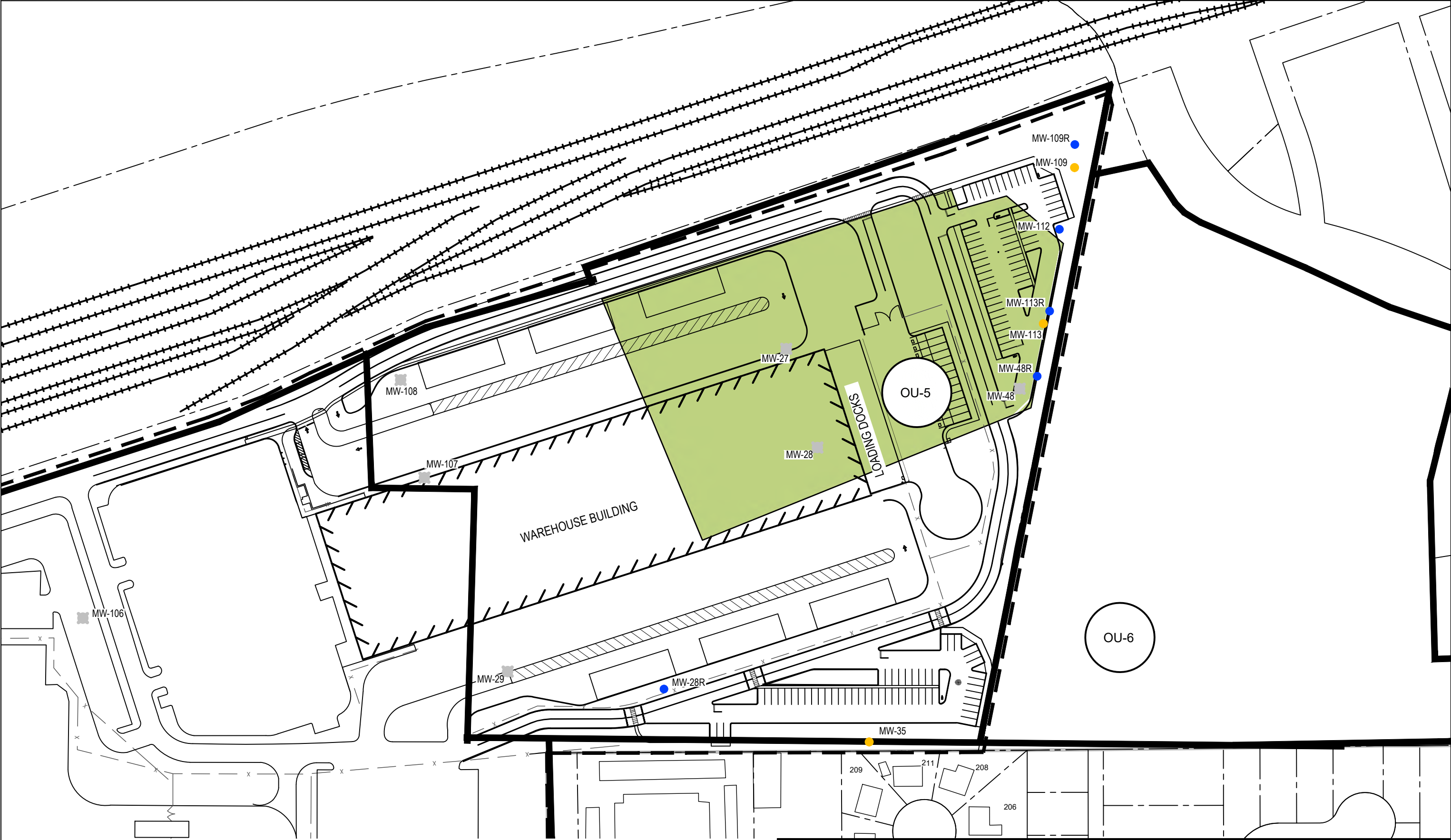


RACER TRUST
WILMINGTON, DELAWARE
LTS GROUNDWATER MONITORING

OU-4 GROUNDWATER CONTOURS

Project No. 11222397
Date January 2026

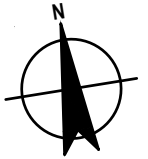
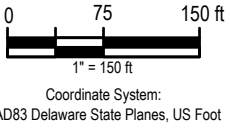
FIGURE 4.4



LEGEND

- | | | | |
|-------|-------------------------------|----------|------------------------------|
| --- | APPROXIMATE FACILITY BOUNDARY | ● MW-48R | LTS MONITORING WELL |
| --- | OPERABLE UNIT (OU) BOUNDARY | ● MW-109 | INACCESSIBLE MONITORING WELL |
| +++++ | RAILWAY | ■ MW-106 | ABANDONED MONITORING WELL |
| -x-x- | FENCELINE | | |

■ CAP AREA EXTENT



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WILMINGTON, DELAWARE
LTS GROUNDWATER MONITORING

OU-5 GROUNDWATER
MONITORING LOCATIONS

Project No. 11222397
Date January 2026

FIGURE 5.1

Parameter	HSCA GROUNDWATER SCREENING LEVELS 2025 (µg/L)
Trichloroethene	0.28

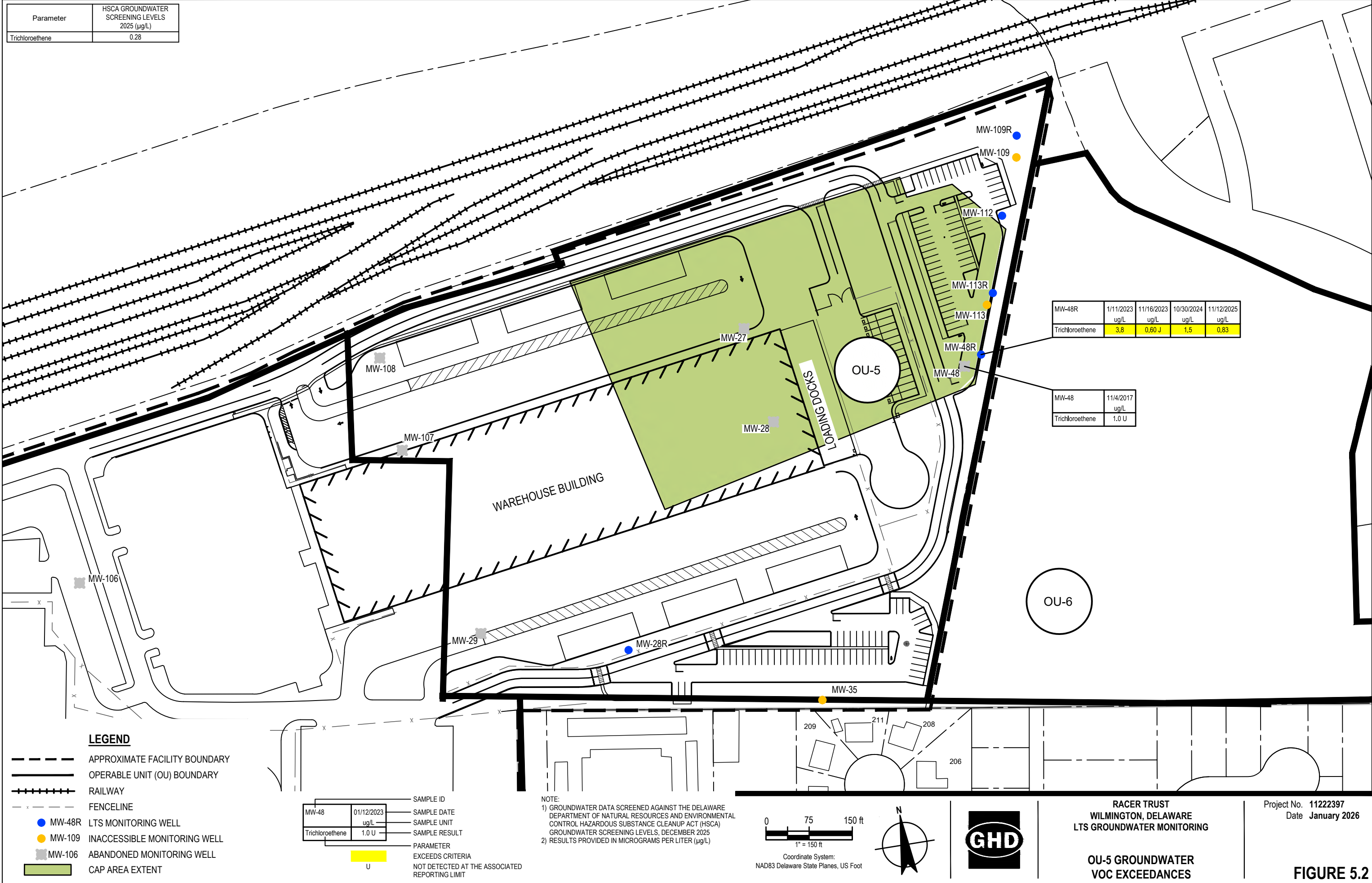
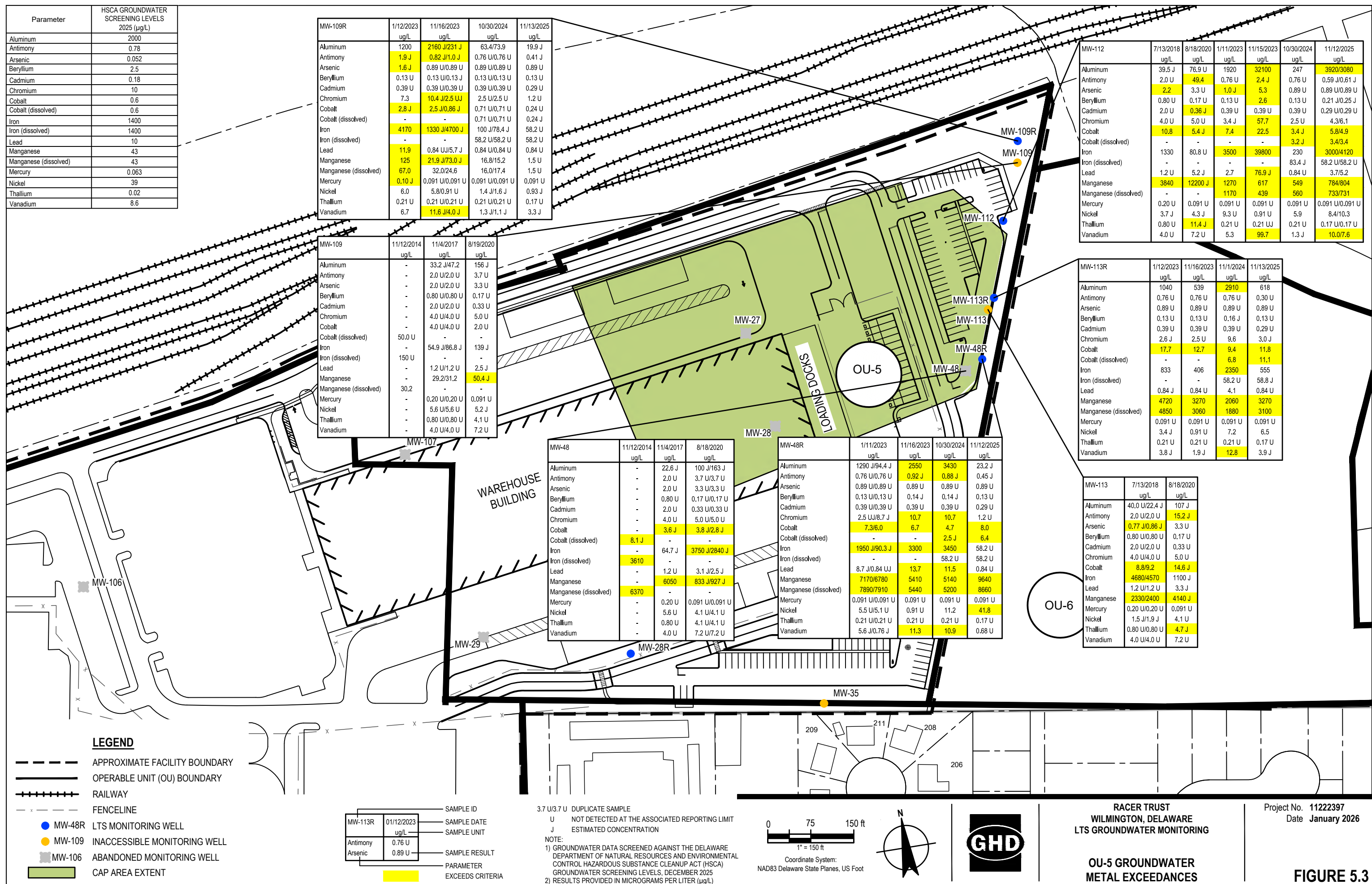
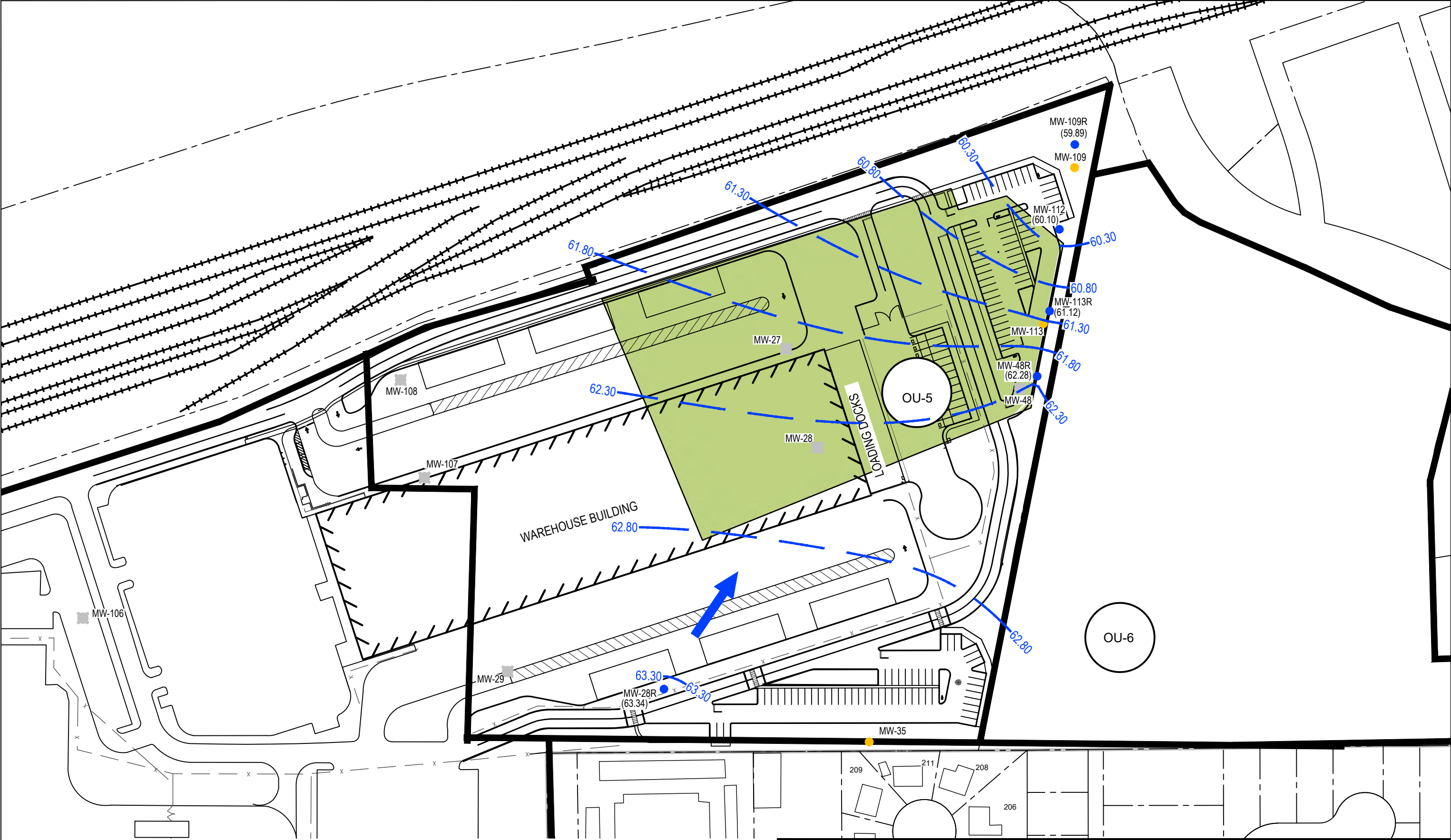


FIGURE 5.2



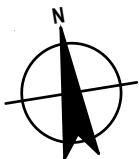


LEGEND

- | | | | |
|-------|-------------------------------|---------|--|
| --- | APPROXIMATE FACILITY BOUNDARY | MW-106 | ABANDONED MONITORING WELL |
| --- | OPERABLE UNIT (OU) BOUNDARY | MW-109 | INACCESSIBLE MONITORING WELL |
| +++++ | RAILWAY | MW-48R | LTS MONITORING WELL |
| -x-x- | FENCELINE | (62.22) | GROUNDWATER ELEVATION MEASURED ON NOVEMBER 10 TO NOVEMBER 13, 2025 |

- | | |
|-------|---|
| | CAP AREA EXTENT |
| 63.40 | ESTIMATED GROUNDWATER ELEVATION CONTOUR |
| → | ESTIMATED GROUNDWATER FLOW DIRECTION |

0 75 150 ft
1" = 150 ft
Coordinate System:
NAD83 Delaware State Planes, US Foot



RACER TRUST
WILMINGTON, DELAWARE
LTS GROUNDWATER MONITORING

Project No. 11222397
Date January 2026

OU-5 GROUNDWATER CONTOURS

FIGURE 5.4

Appendices

Appendix A

Well Condition Assessment



Date:

11/11/2025

Inspector:

TF

Location:

Wilmington, DE, 1025 Boxwood Rd, Wilmington, DE 19804

Well Dia. (inches): 2

General Condition: Good

Well Type:

Casing Material:

Item Condition	
Access: Good	Well Lock: Good
Well Cap: Good	Well Pad/Surface: Good
Well ID: Good	Protective Curbing:
Bollard:	Containment Valve:

Conditions

Good

Comments:

Was buried. Had to locate with metal detectors (1hr).

Repair Notes:

Photo 1:





Date: 11/11/2025	Inspector: TF	Location: Wilmington, DE, 1025 Boxwood Rd, Wilmington, DE 19804
----------------------------	-------------------------	---

Photo 2:



Photo 3:



Date:

11/10/2025

Inspector:

TF

Location:

Wilmington, DE, 1025 Boxwood Rd, Wilmington, DE 19804

Well Dia. (inches):

General Condition: Good

Well Type:

Casing Material:

Conditions Good
Comments:

Repair Notes:

Photo 1:





Project Number:
11222397

WELL INSPECTION - MW-9R

Date: 11/10/2025	Inspector: TF	Location: Wilmington, DE, 1025 Boxwood Rd, Wilmington, DE 19804
----------------------------	-------------------------	---

Photo 2:



Photo 3:



Project Number:
11222397

WELL INSPECTION - MW-19R

Date:
11/10/2025

Inspector:
TF

Location:
Wilmington, DE, 1025 Boxwood Rd, Wilmington, DE 19804

Well Dia. (inches): 2

General Condition: Fair

Well Type:

Casing Material:

Item Condition

Access: Good

Well Lock: Good

Well Cap: Fair

Well Pad/Surface: Poor

Well ID: Good

Protective Curbing:

Bollard:

Containment Valve:

Conditions Comments: Missing/damaged bolts and appears to have been damaged by a snow plow at some point (pad)

Repair Notes: Bolts replaced

Photo 1: Appears to have been ran over by snow plow- all bolts bent





Project Number:
11222397

WELL INSPECTION - MW-19R

Date:
11/10/2025

Inspector:
TF

Location:
Wilmington, DE, 1025 Boxwood Rd, Wilmington, DE 19804

Photo 2:



Photo 3: Grease/sludge around well casing





Project Number:
11222397

WELL INSPECTION - MW-36S

Date:
11/10/2025

Inspector:
TF

Location:
Wilmington, DE, 1025 Boxwood Rd, Wilmington, DE 19804

Well Dia. (inches):

General Condition: Fair

Well Type:

Casing Material:

Conditions Comments: 1 missing bolt; filled with water

Item Condition

Access: Good

Well Lock: Good

Well Cap: Fair

Well Pad/Surface:

Well ID: Good

Protective Curbing:

Bollard:

Containment Valve:

Repair Notes: Bolts replaced; water pumped out

Photo 1:





Date: 11/10/2025	Inspector: TF	Location: Wilmington, DE, 1025 Boxwood Rd, Wilmington, DE 19804
----------------------------	-------------------------	---

Photo 2:



Photo 3:

	Project Number: 11222397	WELL INSPECTION - MW-36D
Date: 11/11/2025	Inspector: TF	Location: Wilmington, DE, 1025 Boxwood Rd, Wilmington, DE 19804

Well Dia. (inches):

General Condition: Not Required

Well Type:

Casing Material:

Conditions N/A
Comments:

Repair Notes:

Photo 1:

Item Condition	
Access: Not Required	Well Lock: Not Required
Well Cap: Not Required	Well Pad/Surface:
Well ID: Not Required	Protective Curbing:
Bollard:	Containment Valve:



Date:

11/10/2025

Inspector:

TF

Location:

Wilmington, DE, 1025 Boxwood Rd, Wilmington, DE 19804

Well Dia. (inches):

2

General Condition:

Good

Well Type:

Casing Material:

Conditions

Comments:

Item Condition			
Access:	Good	Well Lock:	Good
Well Cap:	Good	Well Pad/Surface:	Good
Well ID:	Good	Protective Curbing:	
Bollard:		Containment Valve:	

Repair Notes:

Photo 1:





Photo 2:



Photo 3:



Date:

11/10/2025

Inspector:

TF

Location:

Wilmington, DE, 1025 Boxwood Rd, Wilmington, DE 19804

Well Dia. (inches):

General Condition: Good

Well Type:

Casing Material:

Conditions
Comments:

Repair Notes:

Photo 1:



Item Condition	
Access: Good	Well Lock: Good
Well Cap: Good	Well Pad/Surface:
Well ID: Good	Protective Curbing:
Bollard:	Containment Valve:



Date: 11/10/2025	Inspector: TF	Location: Wilmington, DE, 1025 Boxwood Rd, Wilmington, DE 19804
----------------------------	-------------------------	---

Photo 2:



Photo 3:



Project Number:
11222397

WELL INSPECTION - MW-50R

Date:
11/10/2025

Inspector:
TF

Location:
Wilmington, DE, 1025 Boxwood Rd, Wilmington, DE 19804

Well Dia. (inches): 2

General Condition: Good

Well Type:

Casing Material:

Conditions Comments: Well in good condition

Item Condition

Access: Good

Well Lock: Good

Well Cap: Good

Well Pad/Surface: Good

Well ID: Good

Protective Curbing:

Bollard:

Containment Valve:

Repair Notes: Replaced bolts as needed

Photo 1:





Date: 11/10/2025	Inspector: TF	Location: Wilmington, DE, 1025 Boxwood Rd, Wilmington, DE 19804
----------------------------	-------------------------	---

Photo 2:



Photo 3:



Date:

11/13/2025

Inspector:

TF

Location:

Wilmington, DE, 1025 Boxwood Rd, Wilmington, DE 19804

Well Dia. (inches): 2

General Condition: Good

Well Type:

Casing Material:

ConditionsGreat condition

Comments:

Repair Notes:

Photo 1:





Photo 2:



Photo 3:





Date:

11/11/2025

Inspector:

TF

Location:

Wilmington, DE, 1025 Boxwood Rd, Wilmington, DE 19804

Well Dia. (inches): .75

General Condition: Good

Well Type:

Casing Material:

Conditions Good
Comments:

Repair Notes: Replaced bolts as needed

Photo 1:





Date: 11/11/2025	Inspector: TF	Location: Wilmington, DE, 1025 Boxwood Rd, Wilmington, DE 19804
----------------------------	-------------------------	---

Photo 2:



Photo 3:

	Project Number: 11222397	WELL INSPECTION - MW-109R
Date: 11/11/2025	Inspector: TF	Location: Wilmington, DE, 1025 Boxwood Rd, Wilmington, DE 19804

Well Dia. (inches): .75

General Condition: Good

Well Type:

Casing Material:

Conditions Overall good
Comments:

Repair Notes: Bolts replaced as needed

Photo 1:





Date: 11/11/2025	Inspector: TF	Location: Wilmington, DE, 1025 Boxwood Rd, Wilmington, DE 19804
----------------------------	-------------------------	---

Photo 2:



Photo 3:



Project Number:
11222397

WELL INSPECTION - MW-112

Date:
11/11/2025

Inspector:
TF

Location:
Wilmington, DE, 1025 Boxwood Rd, Wilmington, DE 19804

Well Dia. (inches): 2

General Condition: Good

Well Type:

Casing Material:

Item Condition	
Access: Good	Well Lock: Good
Well Cap: Good	Well Pad/Surface:
Well ID: Good	Protective Curbing:
Bollard:	Containment Valve:

Conditions Well is in good condition

Comments:

Repair Notes: Bolts replaced as needed

Photo 1:





Project Number:
11222397

WELL INSPECTION - MW-112

Date: 11/11/2025	Inspector: TF	Location: Wilmington, DE, 1025 Boxwood Rd, Wilmington, DE 19804
----------------------------	-------------------------	---

Photo 2:



Photo 3:

	Project Number: 11222397	WELL INSPECTION - MW-113R
Date: 11/11/2025	Inspector: TF	Location: Wilmington, DE, 1025 Boxwood Rd, Wilmington, DE 19804

Well Dia. (inches): .75

General Condition: Good

Well Type:

Casing Material:

Conditions Well in good condition
Comments:

Repair Notes: Added new bolts due to rust

Photo 1:





Date: 11/11/2025	Inspector: TF	Location: Wilmington, DE, 1025 Boxwood Rd, Wilmington, DE 19804
----------------------------	-------------------------	---

Photo 2:



Photo 3:

Appendix B

Well Redevelopment Logs

WELL DEVELOPMENT RECORD

Well I.D.: MW-8r
Client: RACER Trust
Location:
☐ Original Development ☒ Redevelopment - Original Development Date

Date: 11/11/2025
Project No.: 11222397
Personnel: Tyson Frederick

1. WELL DATA

a. Total Well Depth (from TOC):	20.08	ft	f. One Well Volume:	0.73	gal
b. Depth to Static Water Level (from TOC):	15.62	ft	g. Three Well Volumes:	2.19	gal
c. Length of Water Column:	4.46	ft	h. Depth to Top of Screen (from TOC):		ft
d. Well Diameter:	2	in	i. Depth to Bottom of Screen (from TOC):		ft
e. Volume of Water Added During Drilling:		gal	j. Geology at Screen:		

2. DEVELOPMENT METHODS

a. Well Development Method:
b. Minimum Volume of Water to Remove:
c. Stabilization Requirements:
d. Equipment Used:
e. Equipment Decontamination Method:
f. Purge Water and Sediment Disposal Method:

3. WELL DEVELOPMENT DATA

Time	Volume Removed (gal)	Depth to Water (ft)	Temp. (Deg C)	pH (s.u.)	Spec. Cond. (uS/cm)	ORP (millivolts)	Dissolved Oxygen (mg/L)	Turbidity (visual)	Color (visual)
09:48	20							98	

4. COMMENTS

Turb
1000+
555
212
98

Had to locate w metal detector. Took 1 hr. Blackish/brown upon initial surge and purge but cleared. Removed 10+ well volumes and Turb finally <100



Tyson Frederick

Developer (Signature)

(Print Name)

WELL DEVELOPMENT RECORD

Well I.D.: MW-9R

Client: RACER Trust

Location:

☐ Original Development

☐ Redevelopment - Original Development Date

Date: 11/10/2025

Project No.: 11222397

Personnel: TF

1. WELL DATA

a. Total Well Depth (from TOC): 19.7 ft

b. Depth to Static Water Level (from TOC): 13.24 ft

c. Length of Water Column: 6.46 ft

d. Well Diameter: 2 in

e. Volume of Water Added During Drilling: gal

f. One Well Volume: 1.05 gal

g. Three Well Volumes: 3.15 gal

h. Depth to Top of Screen (from TOC): ft

i. Depth to Bottom of Screen (from TOC): ft

j. Geology at Screen:

2. DEVELOPMENT METHODS

a. Well Development Method:

b. Minimum Volume of Water to Remove:

c. Stabilization Requirements:

d. Equipment Used:

e. Equipment Decontamination Method:

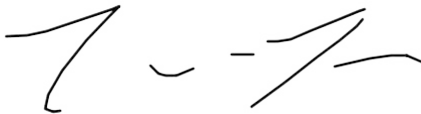
f. Purge Water and Sediment Disposal Method:

3. WELL DEVELOPMENT DATA

Time	Volume Removed (gal)	Depth to Water (ft)	Temp. (Deg C)	pH (s.u.)	Spec. Cond. (uS/cm)	ORP (millivolts)	Dissolved Oxygen (mg/L)	Turbidity (visual)	Color (visual)
15:41	13							80 NTU	

4. COMMENTS

Turb
1000
799
387
80



TF

Developer (Signature)

(Print Name)

WELL DEVELOPMENT RECORD

Well I.D.: MW-19R
Client: RACER Trust
Location:
☐ Original Development ☐ Redevelopment - Original Development Date

Date: 11/10/2025
Project No.: 11222397
Personnel: TF

1. WELL DATA

a. Total Well Depth (from TOC):	19.33	ft	f. One Well Volume:	1.44	gal
b. Depth to Static Water Level (from TOC):	10.51	ft	g. Three Well Volumes:	4.32	gal
c. Length of Water Column:	8.82	ft	h. Depth to Top of Screen (from TOC):		ft
d. Well Diameter:	2	in	i. Depth to Bottom of Screen (from TOC):		ft
e. Volume of Water Added During Drilling:		gal	j. Geology at Screen:		

2. DEVELOPMENT METHODS

a. Well Development Method:
b. Minimum Volume of Water to Remove:
c. Stabilization Requirements:
d. Equipment Used:
e. Equipment Decontamination Method:
f. Purge Water and Sediment Disposal Method:

3. WELL DEVELOPMENT DATA

Time	Volume Removed (gal)	Depth to Water (ft)	Temp. (Deg C)	pH (s.u.)	Spec. Cond. (uS/cm)	ORP (millivolts)	Dissolved Oxygen (mg/L)	Turbidity (visual)	Color (visual)
16:13	18							120 NTU	

4. COMMENTS

Turb
1000
520
259
120

Black/grey upon initial redevelopment, cleared to slightly gray after surging/purging 10 well volumes

3 new bolts installed as well had been hit by snow plow (bent bolts/pad beat up)

Removed grease/sludge from around well casing AFTER sampling concluded



Developer (Signature)

TF

(Print Name)

WELL DEVELOPMENT RECORD

Well I.D.: MW-28R

Client: RACER Trust

Location:

☐ Original Development

☐ Redevelopment - Original Development Date

Date: 11/13/2025

Project No.: 11222397

Personnel: TF

1. WELL DATA

a. Total Well Depth (from TOC): 19.6 ft

b. Depth to Static Water Level (from TOC): 10.2 ft

c. Length of Water Column: 9.4 ft

d. Well Diameter: 2 in

e. Volume of Water Added During Drilling: gal

f. One Well Volume: 1.53 gal

g. Three Well Volumes: 4.59 gal

h. Depth to Top of Screen (from TOC): ft

i. Depth to Bottom of Screen (from TOC): ft

j. Geology at Screen:

2. DEVELOPMENT METHODS

a. Well Development Method:

b. Minimum Volume of Water to Remove:

c. Stabilization Requirements:

d. Equipment Used:

e. Equipment Decontamination Method:

f. Purge Water and Sediment Disposal Method:

3. WELL DEVELOPMENT DATA

Time	Volume Removed (gal)	Depth to Water (ft)	Temp. (Deg C)	pH (s.u.)	Spec. Cond. (uS/cm)	ORP (millivolts)	Dissolved Oxygen (mg/L)	Turbidity (visual)	Color (visual)

4. COMMENTS

No redevelopment or sampling on this well. Gauge only and check condition



TF

Developer (Signature)

(Print Name)

WELL DEVELOPMENT RECORD

Well I.D.: MW-36S
Client: RACER Trust
Location:
☐ Original Development ☒ Redevelopment - Original Development Date

Date: 11/10/2025
Project No.: 11222397
Personnel: Tyson Fredrick

1. WELL DATA

a. Total Well Depth (from TOC):	22.65	ft	f. One Well Volume:	0.24	gal
b. Depth to Static Water Level (from TOC):	16.7	ft	g. Three Well Volumes:	0.72	gal
c. Length of Water Column:	5.95	ft	h. Depth to Top of Screen (from TOC):		ft
d. Well Diameter:	1	in	i. Depth to Bottom of Screen (from TOC):		ft
e. Volume of Water Added During Drilling:		gal	j. Geology at Screen:		

2. DEVELOPMENT METHODS

a. Well Development Method:
b. Minimum Volume of Water to Remove:
c. Stabilization Requirements:
d. Equipment Used:
e. Equipment Decontamination Method:
f. Purge Water and Sediment Disposal Method:

3. WELL DEVELOPMENT DATA

Time	Volume Removed (gal)	Depth to Water (ft)	Temp. (Deg C)	pH (s.u.)	Spec. Cond. (uS/cm)	ORP (millivolts)	Dissolved Oxygen (mg/L)	Turbidity (visual)	Color (visual)
12:47	8							120 NTU	

4. COMMENTS

Turb
1000
434
178
120

Fairly clear upon initial redevelopment. Cleared up as 10+ volumes purged



Tyson Fredrick

Developer (Signature)

(Print Name)

WELL DEVELOPMENT RECORD

Well I.D.: MW-40
Client: RACER Trust
Location:
☐ Original Development ☐ Redevelopment - Original Development Date

Date: 11/10/2025
Project No.: 11222397
Personnel: Tyson Frederick

1. WELL DATA

a. Total Well Depth (from TOC):	22.3	ft	f. One Well Volume:	0.17	gal
b. Depth to Static Water Level (from TOC):	14.92	ft	g. Three Well Volumes:	0.51	gal
c. Length of Water Column:	7.38	ft	h. Depth to Top of Screen (from TOC):		ft
d. Well Diameter:	0.75	in	i. Depth to Bottom of Screen (from TOC):		ft
e. Volume of Water Added During Drilling:		gal	j. Geology at Screen:		

2. DEVELOPMENT METHODS

a. Well Development Method:
b. Minimum Volume of Water to Remove:
c. Stabilization Requirements:
d. Equipment Used:
e. Equipment Decontamination Method:
f. Purge Water and Sediment Disposal Method:

3. WELL DEVELOPMENT DATA

Time	Volume Removed (gal)	Depth to Water (ft)	Temp. (Deg C)	pH (s.u.)	Spec. Cond. (uS/cm)	ORP (millivolts)	Dissolved Oxygen (mg/L)	Turbidity (visual)	Color (visual)
13:31	6							120 NTU	

4. COMMENTS

Turb
890
388
203
120

Tan silt/sand upon initial purge (heavy). Cleared okay after 10+ volumes purged



Developer (Signature)

Tyson Frederick

(Print Name)

WELL DEVELOPMENT RECORD

Well I.D.: MW-41

Client: RACER Trust

Location:

☐ Original Development

☐ Redevelopment - Original Development Date

Date: 11/10/2025

Project No.: 11222397

Personnel: Tyson Frederick

1. WELL DATA

a. Total Well Depth (from TOC): 24.8 ft

b. Depth to Static Water Level (from TOC): 15 ft

c. Length of Water Column: 9.8 ft

d. Well Diameter: 0.75 in

e. Volume of Water Added During Drilling: gal

f. One Well Volume: 0.22 gal

g. Three Well Volumes: 0.66 gal

h. Depth to Top of Screen (from TOC): ft

i. Depth to Bottom of Screen (from TOC): ft

j. Geology at Screen:

2. DEVELOPMENT METHODS

a. Well Development Method:

b. Minimum Volume of Water to Remove:

c. Stabilization Requirements:

d. Equipment Used:

e. Equipment Decontamination Method:

f. Purge Water and Sediment Disposal Method:

3. WELL DEVELOPMENT DATA

Time	Volume Removed (gal)	Depth to Water (ft)	Temp. (Deg C)	pH (s.u.)	Spec. Cond. (uS/cm)	ORP (millivolts)	Dissolved Oxygen (mg/L)	Turbidity (visual)	Color (visual)
14:11	6							17 NTU	

4. COMMENTS

Turb
700
410
176
17

Tan/brown silt after initial well redevelopment. Cleared okay after 10 well volumes removed



Tyson Frederick

Developer (Signature)

(Print Name)

WELL DEVELOPMENT RECORD

Well I.D.: MW-48r
Client: RACER Trust
Location:
☐ Original Development ☒ Redevelopment - Original Development Date

Date: 11/11/2025
Project No.: 11222397
Personnel: Ty Frederick

1. WELL DATA

a. Total Well Depth (from TOC):	15.77	ft	f. One Well Volume:	0.17	gal
b. Depth to Static Water Level (from TOC):	8.5	ft	g. Three Well Volumes:	0.51	gal
c. Length of Water Column:	7.27	ft	h. Depth to Top of Screen (from TOC):		ft
d. Well Diameter:	0.75	in	i. Depth to Bottom of Screen (from TOC):		ft
e. Volume of Water Added During Drilling:		gal	j. Geology at Screen:		

2. DEVELOPMENT METHODS

a. Well Development Method:
b. Minimum Volume of Water to Remove: 1.7 1.7
c. Stabilization Requirements:
d. Equipment Used:
e. Equipment Decontamination Method:
f. Purge Water and Sediment Disposal Method:

3. WELL DEVELOPMENT DATA

Time	Volume Removed (gal)	Depth to Water (ft)	Temp. (Deg C)	pH (s.u.)	Spec. Cond. (uS/cm)	ORP (millivolts)	Dissolved Oxygen (mg/L)	Turbidity (visual)	Color (visual)
12:01	4							94	

4. COMMENTS

Turb
1000+p
540
200
94

Tan/brown sediment initially. Recharged/recovered quickly. Cleared up okay



Ty Frederick

Developer (Signature)

(Print Name)

WELL DEVELOPMENT RECORD

Well I.D.: MW-50R

Client: RACER Trust

Location:

☐ Original Development

☒ Redevelopment - Original Development Date

Date: 11/10/2025

Project No.: 11222397

Personnel: Tyson Frederick

1. WELL DATA

a. Total Well Depth (from TOC): 24.5 ft

b. Depth to Static Water Level (from TOC): 16.4 ft

c. Length of Water Column: 8.1 ft

d. Well Diameter: 2 in

e. Volume of Water Added During Drilling: gal

f. One Well Volume: 1.32 gal

g. Three Well Volumes: 3.96 gal

h. Depth to Top of Screen (from TOC): ft

i. Depth to Bottom of Screen (from TOC): ft

j. Geology at Screen:

2. DEVELOPMENT METHODS

a. Well Development Method:

b. Minimum Volume of Water to Remove:

c. Stabilization Requirements:

d. Equipment Used:

e. Equipment Decontamination Method:

f. Purge Water and Sediment Disposal Method:

3. WELL DEVELOPMENT DATA

Time	Volume Removed (gal)	Depth to Water (ft)	Temp. (Deg C)	pH (s.u.)	Spec. Cond. (uS/cm)	ORP (millivolts)	Dissolved Oxygen (mg/L)	Turbidity (visual)	Color (visual)
12:09	14							108 NTU	

4. COMMENTS

Turb
720
410
229
108

Appears to have product on tubing. Initial redevelopment showed blackish/brown water but cleared up after 10+ well volumes purged



Tyson Frederick

Developer (Signature)

(Print Name)

WELL DEVELOPMENT RECORD

Well I.D.:M-109

Client:RACER Trust

Location:

☐Original Development

☒Redevelopment - Original Development Date

Date:11/12/2025

Project No.:11222397

Personnel:TF

1. WELL DATA

a. Total Well Depth (from TOC):16.27ft

b. Depth to Static Water Level (from TOC):11.24ft

c. Length of Water Column:5.03ft

d. Well Diameter:0.75in

e. Volume of Water Added During Drilling:gal

f. One Well Volume:0.12gal

g. Three Well Volumes:0.36gal

h. Depth to Top of Screen (from TOC):ft

i. Depth to Bottom of Screen (from TOC):ft

j. Geology at Screen:

2. DEVELOPMENT METHODS

a. Well Development Method:

b. Minimum Volume of Water to Remove:

c. Stabilization Requirements:

d. Equipment Used:

e. Equipment Decontamination Method:

f. Purge Water and Sediment Disposal Method:

3. WELL DEVELOPMENT DATA

Time	Volume Removed (gal)	Depth to Water (ft)	Temp. (Deg C)	pH (s.u.)	Spec. Cond. (uS/cm)	ORP (millivolts)	Dissolved Oxygen (mg/L)	Turbidity (visual)	Color (visual)
09:00	5							220	

4. COMMENTS

Turb
1000+
800
530
220

Very thick silt at bottom (1 gal thick silt purged). Well does not recharge well, screen appears compromised or in poor condition



Developer (Signature)

TF

(Print Name)

WELL DEVELOPMENT RECORD

Well I.D.: MW-112

Client: RACER Trust

Location:

☐ Original Development

☒ Redevelopment - Original Development Date

Date: 11/11/2025

Project No.: 11222397

Personnel: TF

1. WELL DATA

a. Total Well Depth (from TOC): 17.67 ft

b. Depth to Static Water Level (from TOC): 11.29 ft

c. Length of Water Column: 6.38 ft

d. Well Diameter: 2 in

e. Volume of Water Added During Drilling: gal

f. One Well Volume: 1.04 gal

g. Three Well Volumes: 3.12 gal

h. Depth to Top of Screen (from TOC): ft

i. Depth to Bottom of Screen (from TOC): ft

j. Geology at Screen:

2. DEVELOPMENT METHODS

a. Well Development Method:

b. Minimum Volume of Water to Remove:

c. Stabilization Requirements:

d. Equipment Used:

e. Equipment Decontamination Method:

f. Purge Water and Sediment Disposal Method:

3. WELL DEVELOPMENT DATA

Time	Volume Removed (gal)	Depth to Water (ft)	Temp. (Deg C)	pH (s.u.)	Spec. Cond. (uS/cm)	ORP (millivolts)	Dissolved Oxygen (mg/L)	Turbidity (visual)	Color (visual)
14:15	14							124	

4. COMMENTS

Turb
1000
601
320
124

Brown silt/sand initially but cleared ok, returned Wed and pumped out 3-4 more gal but still no Turb improvement ~100+



TF

Developer (Signature)

(Print Name)

WELL DEVELOPMENT RECORD

Well I.D.: MW-113r
Client: RACER Trust
Location:
☐ Original Development ☒ Redevelopment - Original Development Date

Date: 11/11/2025
Project No.: 11222397
Personnel: TF

1. WELL DATA

a. Total Well Depth (from TOC):	17.1	ft	f. One Well Volume:	0.18	gal
b. Depth to Static Water Level (from TOC):	9.32	ft	g. Three Well Volumes:	0.54	gal
c. Length of Water Column:	7.78	ft	h. Depth to Top of Screen (from TOC):		ft
d. Well Diameter:	0.75	in	i. Depth to Bottom of Screen (from TOC):		ft
e. Volume of Water Added During Drilling:		gal	j. Geology at Screen:		

2. DEVELOPMENT METHODS

a. Well Development Method:
b. Minimum Volume of Water to Remove:
c. Stabilization Requirements:
d. Equipment Used:
e. Equipment Decontamination Method:
f. Purge Water and Sediment Disposal Method:

3. WELL DEVELOPMENT DATA

Time	Volume Removed (gal)	Depth to Water (ft)	Temp. (Deg C)	pH (s.u.)	Spec. Cond. (uS/cm)	ORP (millivolts)	Dissolved Oxygen (mg/L)	Turbidity (visual)	Color (visual)
12:42	5							111	

4. COMMENTS

Turb
1000
444
219
111

Silty/sandy upon initial redevelopment but cleared and recovered fairly well



TF

Developer (Signature)

(Print Name)

Appendix C

Low Flow Sampling Purge Logs

Location Data:

Screen Material: UNKNOWN

Screen Start Depth: 9 ft BGS

Screen End Depth: 19 ft BGS

Screen Length: 10.0 ft BGS

Pump Depth: 17 ft BREF

Constructed Well Depth:

Measured Well Depth: ft BREF

Static Water Depth: 15.61 ft BREF

Well Diameter: 2.0

Water Column Length: ft

Ref Point Elev: ft

Static Water Elev: ft

Well Volume: 0 gal

Screen Volume: gal

SSOW Code:

Measurement Type:

Sampling Method: Bladder Pump

Purging Start Time: 10:14

Columns below may be blank if not applicable

Time	Cumulative Volume Purged (gal)	Purge Rate (mL/min)	Depth To Water (ft BREF)	Drawdown from Initial Water Level (ft)	pH (standard units)	Temp (deg C)	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (millivolts)	Column Not Applicable	Column Not Applicable	Column Not Applicable	Odor (describe)	Notes
			Precision Required	< 0.4	± 0.1	±% 3	± 5 or ± 10	±% 10	±% 10 or < 5	± 10					Gauging Details: Static Water Depth: 15.62 ft BREF
10:14	0.00	300	15.61	0	6.32	16.90	0.689	8.27	155	1					
10:19	0.31	300	15.61	0	5.90	18.00	0.697	7.65	78	50					
10:24	0.69	300	15.63	0.02	5.81	18.33	0.625	6.76	19	77					
10:30	1.19	300	15.63	0.02	5.78	18.35	0.593	5.44	1.0	80					
10:35	1.72	300	15.63	0.02	5.76	18.39	0.590	5.38	0	82					
10:40	2.17	300	15.63	0.02	5.71	18.40	0.590	5.39	0	84					
10:45	2.49	300	15.63	0.02	5.70	18.42	0.588	5.40	0	85					

Additional Notes including Field Parameters:

Comments:

Total Volume Purged: 2.49 gal

Pump Depth at Sampling: 17 ft BREF

Water Depth at Sampling: 15.63 ft BREF

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
GW-11222397-111225-TF-08	N	WG	G	11/12 10:50	No	VOCs (TCL)	3



Well Number: MW-9R

Project Name: RACER Wilmington

Water Sampling Field Measurement Record Form

Project Number: 11222397

Sampling Event: 202511-Q4WG

Personnel: TF

GHD

Date: 11/12/2025

Location Data:

Screen Material: UNKNOWN

Screen Start Depth: 9 ft BGS

Screen End Depth: 19 ft BGS

Screen Length: 10.0 ft BGS

Pump Depth: 15.75 ft BREF

Constructed Well Depth:

Measured Well Depth: 19.7 ft BREF

Static Water Depth: 13.2 ft BREF

Well Diameter: 2.0

Water Column Length: 6.5 ft

Ref Point Elev: ft

Static Water Elev: ft

Well Volume: 0 gal

Screen Volume: gal

SSOW Code:

Measurement Type:

Sampling Method: Bladder Pump

Purging Start Time: 11:25

Columns below may be blank if not applicable

Time	Cumulative Volume Purged (gal)	Purge Rate (mL/min)	Depth To Water (ft BREF)	Drawdown from Initial Water Level (ft)	pH (standard units)	Temp (deg C)	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (millivolts)	Column Not Applicable	Column Not Applicable	Column Not Applicable	Odor (describe)	Notes
			Precision Required	< 0.4	± 0.1	±% 3	± 5 or ± 10	±% 10	±% 10 or < 5	± 10					
11:25		350	13.25	0.05	5.01	15.68	0.405	5.31	69.4	118					
11:30	0.40	350	13.25	0.05	5.09	16.46	0.451	5.11	33.2	118					
11:35	0.88	350	13.25	0.05	5.12	16.48	0.451	3.62	17.6	120					
11:40	1.39	350	13.26	0.06	5.14	16.57	0.464	3.41	3.5	122					
11:45	1.80	350	13.26	0.06	5.16	16.59	0.466	3.32	1.2	123					
11:50	2.30	350	13.26	0.06	5.15	16.62	0.466	3.30	1.0	125					
11:55	3.12	350	13.26	0.06	5.14	16.64	0.467	3.35	1.1	127					
12:00	3.91	350	13.27	0.07	5.16	16.70	0.468	3.45	1.1	126					
12:05	4.44	350	13.27	0.07	5.15	16.74	0.468	3.50	1.1	123					
12:10	4.86	350	13.27	0.07	5.16	16.77	0.468	3.45	1.1	124					

Additional Notes including Field Parameters:

Comments:

Total Volume Purged: 4.86 gal

Pump Depth at Sampling: 15.75 ft BREF

Water Depth at Sampling: 13.27 ft BREF

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
GW-11222397-111225-TF-10	N	WG	G	11/12 12:15	No	VOCs (TCL)	3



Well Number: MW-19R

Project Name: RACER Wilmington

Water Sampling Field Measurement Record Form

Project Number: 11222397

Sampling Event: 202511-Q4WG

Personnel: TF

GHD

Date: 11/12/2025

Location Data:

Screen Material: UNKNOWN

Screen Start Depth: 9 ft BGS

Screen End Depth: 19 ft BGS

Screen Length: 10.0 ft BGS

Pump Depth: 16.5 ft BREF

Constructed Well Depth:

Measured Well Depth: 19.33 ft BREF

Static Water Depth: 10.51 ft BREF

Well Diameter: 2.0

Water Column Length: 8.82 ft

Ref Point Elev: ft

Static Water Elev: ft

Well Volume: 0 gal

Screen Volume: gal

SSOW Code:

Measurement Type:

Sampling Method: Bladder Pump

Purging Start Time: 13:05

Columns below may be blank if not applicable

Time	Cumulative Volume Purged (gal)	Purge Rate (mL/min)	Depth To Water (ft BREF)	Drawdown from Initial Water Level (ft)	pH (standard units)	Temp (deg C)	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (millivolts)	Column Not Applicable	Column Not Applicable	Column Not Applicable	Odor (describe)	Notes
			Precision Required	< 0.4	± 0.1	±% 3	± 5 or ± 10	±% 10	±% 10 or < 5	± 10					Gauging Details: Static Water Depth: 10.51 ft BREF
13:05		400	10.52	0.01	10.18	18.45	1.48	3.22	73.2	-334					
13:10	0.53	400	10.52	0.01	10.22	18.36	1.48	0.40	47.5	-360					
13:15	1.06	400	10.52	0.01	10.19	18.41	1.46	0	43.6	-370					
13:20	1.63	400	10.52	0.01	10.16	18.49	1.45	0	32.4	-372					
13:25	2.11	400	10.52	0.01	10.10	18.58	1.44	0	30.8	-374					
13:30	2.64	400	10.52	0.01	10.07	18.67	1.44	0	20.0	-378					
13:35	3.19	400	10.52	0.01	10.05	18.72	1.44	0	19.4	-377					
13:40	3.70	400	10.52	0.01	10.04	18.80	1.44	0	19.1	-375					
13:45	4.23	400	10.52	0.01	9.98	18.82	1.43	0	19.0	-378					

Additional Notes including Field Parameters:

Comments:

Total Volume Purged: 4.23 gal

Pump Depth at Sampling: 16.5 ft BREF

Water Depth at Sampling: 10.52 ft BREF

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
GW-11222397-111225-TF-12	N	WG	G	11/12 13:45	No		3
GW-11222397-111225-TF-14	FD	WG	G	11/12 13:50	No		3

Location Data:

Screen Material: UNKNOWN

Screen Start Depth: 13 ft BGS

Screen End Depth: 23 ft BGS

Screen Length: 10.0 ft BGS

Pump Depth: ft BREF

Constructed Well Depth:

Measured Well Depth: ft BREF

Static Water Depth: 16.82 ft BREF

Well Diameter: 0.75 in

Water Column Length: ft

Ref Point Elev: ft

Static Water Elev: ft

Well Volume: 0.39 gal

Screen Volume: 0.39 gal

SSOW Code:

Measurement Type:

Sampling Method: Peristaltic Pump

Purging Start Time: 12:30

Columns below may be blank if not applicable

Time	Cumulative Volume Purged (gal)	Purge Rate (mL/min)	Depth To Water (ft BREF)	Drawdown from Initial Water Level (ft)	pH (standard units)	Temp (deg C)	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (millivolts)	Column Not Applicable	Column Not Applicable	Column Not Applicable	Odor (describe)	Notes
			Precision Required	< 0.4	± 0.1	±% 3	± 5 or ± 10	±% 10	±% 10 or < 5	± 10					
12:30		250		NA	6.80	17.02	0.554	11.46	67.0	-107					
12:35	0.44	250		NA	6.61	17.13	0.557	1.96	56.0	-107					
12:40	0.76	250		NA	6.59	17.06	0.562	1.81	32.5	-110					
12:45	1.08	250		NA	6.58	17.14	0.569	1.66	19.7	-113					
12:50	1.42	250		NA	6.58	17.19	0.572	1.62	11.4	-115					
12:55	1.75	250		NA	6.59	17.03	0.575	1.37	5.9	-117					
13:00	2.14	250		NA	6.59	17.20	0.579	0.99	2.7	-118					
13:05	2.47	250		NA	6.72	17.09	0.582	0.08	1.0	-118					
13:10	2.81	250		NA	6.63	17.01	0.583	0.06	0.0	-119					
13:15	3.01	250		NA	6.61	16.97	0.587	0.04	0.0	-119					

Additional Notes including Field Parameters:

Comments:

Total Volume Purged: 3.01 gal

of Screen Volumes: 7.72

of Well Volumes: 7.72

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
GW-11222397-111125-ES-003	N	WG	G	11/11 13:15	No	VOCs (TCL), SVOCs (TCL)	5

Location Data:

Screen Material:

Screen Start Depth:

Screen End Depth:

Screen Length:

Pump Depth:

Constructed Well Depth:

Measured Well Depth:

Static Water Depth:

Well Diameter:

ft BREF

ft BREF

ft BREF

15.95 ft BREF

0.75

Water Column Length:

Ref Point Elev:

Static Water Elev:

Well Volume:

Screen Volume:

ft

0 gal

gal

SSOW Code:

Measurement Type:

Sampling Method:

Purging Start Time:

Columns below may be blank if not applicable

Peristaltic Pump

13:50

Time	Cumulative Volume Purged (gal)	Purge Rate (mL/min)	Depth To Water (ft BREF)	Drawdown from Initial Water Level (ft)	pH (standard units)	Temp (deg C)	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (millivolts)	Column Not Applicable	Column Not Applicable	Column Not Applicable	Odor (describe)	Notes
			Precision Required	< 0.4	± 0.1	±% 3	± 5 or ± 10	±% 10	±% 10 or < 5	± 10					
13:50		275		NA	5.85	15.04	0.165	6.02	822	89					
13:55	0.37	275		NA	5.79	15.41	0.174	2.30	108	56					
14:00	0.74	275		NA	5.86	15.41	0.176	1.03	17.5	39					
14:05	1.10	275		NA	5.88	15.48	0.178	0.74	1.6	34					
14:10	1.46	275		NA	5.90	15.39	0.178	3.51	2.2	31					
14:15	1.85	275		NA	5.90	15.29	0.179	2.95	1.9	28					
14:20	2.18	275		NA	5.91	15.30	0.179	2.48	0.0	27					
14:25	2.56	275		NA	5.97	15.28	0.188	2.31	0.0	25					
14:30	2.77	275		NA	5.96	15.28	0.180	2.09	0.0	19					

Additional Notes including Field Parameters:

Comments:

Total Volume Purged: 2.77 gal

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
GW-11222397-111125-ES-004	N	WG	G	11/11 14:30	No	VOCs (TCL), SVOCs (TCL)	5

Location Data:

Screen Material:

Screen Start Depth:

Screen End Depth:

Screen Length:

Pump Depth:

Constructed Well Depth:

Measured Well Depth:

Static Water Depth:

Well Diameter:

ft BREF

ft BREF

ft BREF

15.04 ft BREF

0.75 in

Water Column Length:

Ref Point Elev:

Static Water Elev:

Well Volume:

Screen Volume:

ft

0.35 gal

gal

SSOW Code:

Measurement Type:

Sampling Method:

Purging Start Time:

Columns below may be blank if not applicable

Peristaltic Pump

10:00

Time	Cumulative Volume Purged (gal)	Purge Rate (mL/min)	Depth To Water (ft BREF)	Drawdown from Initial Water Level (ft)	pH (standard units)	Temp (deg C)	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (millivolts)	Column Not Applicable	Column Not Applicable	Column Not Applicable	Odor (describe)	Notes
			Precision Required	< 0.4	± 0.1	±% 3	± 5 or ± 10	±% 10	±% 10 or < 5	± 10					
10:00	0.00	400		NA	6.33	16.05	0.430	2.56	501	-76					
10:05	0.55	400		NA	6.49	15.96	0.452	0.77	271	-99				Light Odor	
10:10	1.08	400		NA	6.55	16.05	0.446	0.31	77.2	-101				Light Odor	PID = 1.1 ppm
10:15	1.65	400		NA	6.52	16.02	0.443	0.12	8.4	-97				Light Odor	PID =0.0
10:20	2.12	400		NA	6.52	16.00	0.443	0.03	5.3	-96				Light Odor	
10:25	2.64	400		NA	6.52	15.99	0.443	0.00	0.0	-96				Light Odor	
10:30	3.18	400		NA	6.52	15.99	0.442	0.00	0.0	-95				Light Odor	
10:35	3.69	400		NA	6.52	16.17	0.440	0.00	0.0	-95				Light Odor	

Additional Notes including Field Parameters:

Comments:

Total Volume Purged:

Pump Depth at Sampling:

of Screen Volumes:

of Well Volumes:

3.69 gal

1 ft BREF

?

10.54

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
GW-11222397-111225-ES-005	N	WG	G	11/12 10:40	No	VOCs (TCL), SVOCs (TCL)	5

Location Data:

Screen Material: UNKNOWN

Screen Start Depth: 10 ft BGS

Screen End Depth: 25 ft BGS

Screen Length: 15.0 ft BGS

Pump Depth: 20 ft BREF

Constructed Well Depth:

Measured Well Depth: 24.35 ft BREF

Static Water Depth: 16.3 ft BREF

Well Diameter: 2.0

Water Column Length: 8.05 ft

Ref Point Elev: ft

Static Water Elev: ft

Well Volume: 0 gal

Screen Volume: gal

SSOW Code:

Measurement Type:

Sampling Method: Bladder Pump

Purging Start Time: 09:45

Columns below may be blank if not applicable

Time	Cumulative Volume Purged (gal)	Purge Rate (mL/min)	Depth To Water (ft BREF)	Drawdown from Initial Water Level (ft)	pH (standard units)	Temp (deg C)	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (millivolts)	Column Not Applicable	Column Not Applicable	Column Not Applicable	Odor (describe)	Notes
			Precision Required	< 0.4	± 0.1	±% 3	± 5 or ± 10	±% 10	±% 10 or < 5	± 10					
09:45	0.00	350	16.30	0	6.96	14.97	0.414	3.82	433	-73					
09:50	0.47	350		NA	6.94	16.86	0.409	8.23	271	-73					
09:55	1.09	350	16.34	0.04	7.01	17.10	0.410	7.59	167	-74					
10:00	1.57	350		NA	7.04	17.15	0.641	7.58	146	-74					
10:05	2.04	350	16.36	0.06	7.06	17.07	0.644	6.95	117	-72					
10:10	2.49	350		NA	7.06	16.98	0.648	7.94	93.9	-70					
10:15	3.03	350	16.38	0.08	7.08	16.84	0.652	8.25	66.9	-69					
10:20	3.50	350		NA	7.08	17.07	0.652	8.09	56.3	-67					
10:25	3.97	350	16.40	0.1	7.08	17.17	0.655	8.26	44.1	-66					
10:30	4.43	350		NA	7.09	17.34	0.653	8.03	31.7	-65					
10:35	4.88	350	16.45	0.15	7.09	17.30	0.653	7.91	30.0	-64					
10:40	5.34	350	16.45	0.15	7.08	17.32	0.651	7.93	28.8	-63					

Additional Notes including Field Parameters:

Comments:

Total Volume Purged: 5.34 gal

Pump Depth at Sampling: 20 ft BREF

Water Depth at Sampling: 16.45 ft BREF

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
GW-11222397-111125-ES-001	N	WG	G	11/11 10:45	No	VOCs (TCL), SVOCs (TCL)	15
RB-11222397-111125-ES-002	RB	WG	G	11/11 11:55	No	SVOCs (TCL)	2

Location Data:

Screen Material: UNKNOWN

Screen Start Depth: 6 ft BGS

Screen End Depth: 16 ft BGS

Screen Length: 10.0 ft BGS

Pump Depth: ft BREF

Constructed Well Depth:

Measured Well Depth: ft BREF

Static Water Depth: 8.56 ft BREF

Well Diameter: 0.75

Water Column Length: ft

Ref Point Elev: ft

Static Water Elev: ft

Well Volume: 0 gal

Screen Volume: gal

SSOW Code:

Measurement Type:

Sampling Method: Peristaltic Pump

Purging Start Time: 11:30

Columns below may be blank if not applicable

Time	Cumulative Volume Purged (gal)	Purge Rate (mL/min)	Depth To Water (ft BREF)	Drawdown from Initial Water Level (ft)	pH (standard units)	Temp (deg C)	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (millivolts)	Column Not Applicable	Column Not Applicable	Column Not Applicable	Odor (describe)	Notes
			Precision Required	< 0.4	± 0.1	±% 3	± 5 or ± 10	±% 10	±% 10 or < 5	± 10					
11:30	0.00	350		NA	6.25	16.80	1.70	13.40	912	63					
11:35	0.47	350		NA	6.35	17.03	1.71	0.86	244	92					
11:40	0.91	350		NA	6.35	17.06	1.71	0.23	27.0	104					
11:45	1.42	350		NA	6.36	17.12	1.71	0.04	2.9	114					
11:50	1.83	350		NA	6.36	17.17	1.70	0.00	0.0	119					
11:55	2.39	350		NA	6.36	17.24	1.70	0.00	0.0	124					
12:00	2.88	350		NA	6.36	17.20	1.70	0.00	0.0	128					

Additional Notes including Field Parameters:

Comments:

Total Volume Purged: 2.88 gal

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
GW-11222397-111225-ES-007	N	WG	G	11/12 12:05	Yes	Benzene, Trichloroethene, Metals w/Hg (TAL), Metals w/Hg (TAL/Dissolved)	9



Well Number: MW-109R

Project Name: RACER Wilmington

Water Sampling Field Measurement Record Form

Project Number: 11222397

Sampling Event: 202511-Q4WG

Personnel: ES

GHD

Date: 11/13/2025

Location Data:

Screen Material: UNKNOWN

Screen Start Depth: 7 ft BGS

Screen End Depth: 17 ft BGS

Screen Length: 10.0 ft BGS

Pump Depth: ft BREF

Constructed Well Depth:

Measured Well Depth: ft BREF

Static Water Depth: 11.78 ft BREF

Well Diameter: 0.75

Water Column Length: ft

Ref Point Elev: ft

Static Water Elev: ft

Well Volume: 0 gal

Screen Volume: gal

SSOW Code:

Measurement Type:

Sampling Method: Peristaltic Pump

Purging Start Time: 10:05

Columns below may be blank if not applicable

Time	Cumulative Volume Purged (gal)	Purge Rate (mL/min)	Depth To Water (ft BREF)	Drawdown from Initial Water Level (ft)	pH (standard units)	Temp (deg C)	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (millivolts)	Column Not Applicable	Column Not Applicable	Column Not Applicable	Odor (describe)	Notes
			Precision Required	< 0.4	± 0.1	±% 3	± 5 or ± 10	±% 10	±% 10 or < 5	± 10					
10:05		300		NA	7.02	17.39	0.409	7.90	348	-12					
10:10	0.39	300		NA	6.95	17.33	0.466	4.21	96.1	-8					
10:15	0.80	300		NA	6.85	17.14	0.561	2.83	20.2	-3					
10:20	1.26	300		NA	6.76	17.28	0.624	2.02	1.5	2					
10:25	1.68	300		NA	6.71	17.23	0.651	1.64	0.0	5					
10:30	2.06	300		NA	6.68	17.17	0.669	1.50	0.0	7					
10:35	2.45	300		NA	6.65	16.94	0.693	1.12	0.9	8					
10:40	2.88	300		NA	6.61	16.80	0.690	1.07	0.0	10					
10:45	3.25	300		NA	6.60	16.84	0.694	1.08	0.0	11					

Additional Notes including Field Parameters:

Comments:

Total Volume Purged: 3.25 gal

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
GW-11222397-111325-ES-016	N	WG	G	11/13 10:50	Yes	Metals w/Hg (TAL), Metals w/Hg (TAL/Dissolved)	2

Location Data:

Screen Material: UNKNOWN

Screen Start Depth: 7.5 ft BGS

Screen End Depth: 17.5 ft BGS

Screen Length: 10.0 ft BGS

Pump Depth: ft BREF

Constructed Well Depth:

Measured Well Depth: ft BREF

Static Water Depth: 9.31 ft BREF

Well Diameter: 0.75

Water Column Length: ft

Ref Point Elev: ft

Static Water Elev: ft

Well Volume: 0 gal

Screen Volume: gal

SSOW Code:

Measurement Type:

Sampling Method: Peristaltic Pump

Purging Start Time: 11:10

Columns below may be blank if not applicable

Time	Cumulative Volume Purged (gal)	Purge Rate (mL/min)	Depth To Water (ft BREF)	Drawdown from Initial Water Level (ft)	pH (standard units)	Temp (deg C)	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP (millivolts)	Column Not Applicable	Column Not Applicable	Column Not Applicable	Odor (describe)	Notes
			Precision Required	< 0.4	± 0.1	±% 3	± 5 or ± 10	±% 10	±% 10 or < 5	± 10					
11:10		200		NA	6.59	15.57	0.712	3.10	1000	168					
11:15	0.29	200		NA	6.56	15.76	0.741	2.58	576	94					
11:20	0.53	200		NA	6.56	15.91	0.749	4.14	357	86					
11:25	0.79	200		NA	6.56	16.09	0.759	2.28	248	85					
11:30	1.12	200		NA	6.55	16.10	0.766	2.94	150	84					
11:35	1.39	200		NA	6.55	16.27	0.766	2.43	111	80					
11:40	1.66	200		NA	6.55	16.32	0.772	2.24	85.7	81					
11:45	1.91	200		NA	6.55	16.44	0.774	2.10	65.5	80					
11:50	2.18	200		NA	6.55	16.47	0.778	1.30	62.5	80					
11:55	2.46	200		NA	6.55	16.45	0.777	1.18	22.5	80					
12:00	2.74	200		NA	6.55	16.45	0.778	1.26	18.4	80					
12:05	2.98	200		NA	6.55	16.54	0.778	1.35	16.9	80					
12:10	3.23	200		NA	6.55	16.66	0.780	1.21	18.2	80					

Additional Notes including Field Parameters:

Comments:

Total Volume Purged: 3.23 gal

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
GW-11222397-111325-ES-019	N	WG	G	11/13 12:15	Yes	Metals w/Hg (TAL), Metals w/Hg (TAL/Dissolved)	2
FB-11222397-111325-ES-017	FB	WG	G	11/13 11:25	No	VOCs (TCL)	3
FB-11222397-111325-ES-018	FB	WG	G	11/13 11:30	No	SVOCs (TCL)	2

Appendix D

Level 2 Laboratory Analytical Reports



ANALYTICAL REPORT

PREPARED FOR

Attn: Francis Ramacciotti
GHD Services Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, New York 14304

Generated 11/24/2025 5:46:37 PM

JOB DESCRIPTION

RACER Wilmington

JOB NUMBER

460-339305-1

Eurofins Edison

Job Notes

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Definitions/Glossary

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	This flag indicates the presumptive evidence of a compound.

GC/MS Semi VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Eurofins Edison

Case Narrative

Client: GHD Services Inc.
Project: RACER Wilmington

Job ID: 460-339305-1

Job ID: 460-339305-1

Eurofins Edison

Job Narrative 460-339305-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 11/12/2025 7:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.3°C.

GC/MS VOA

Method 8260DEL: Due to the high concentration of target analytes, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 460-1075997 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 8260DEL: The following sample was diluted to bring the concentration of target analytes within the calibration range: GW-11222397-111125-ES-004 (460-339305-4). Elevated reporting limits (RLs) are provided.

Method 8260DEL: The continuing calibration verification (CCV) associated with batch 460-1075997 recovered outside acceptance criteria, low biased, for Bromomethane and Trichlorofluoromethane and Methyl acetate and 1,2-Dibromo-3-Chloropropane (biased high). A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analytes, the data are reported.

Method 8260DEL: The following sample was diluted to bring the concentration of target analytes within the calibration range: GW-11222397-111125-ES-003 (460-339305-3). Elevated reporting limits (RLs) are provided.

Method 8260DEL: The closing continuing calibration verification (CCVC) associated with batch 460-1076084 recovered outside control limit for Methyl acetate (biased high); Trichlorofluoromethane, 2-Butanone (MEK), Bromomethane and Dichlorodifluoromethane (biased low). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

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

GC/MS Semi VOA

Method 8270DEL: The continuing calibration verification (CCV) analyzed in batch 460-1074742 was outside the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane], Bis(2-ethylhexyl) phthalate, Benzaldehyde and Di-n-octyl phthalate. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270DEL: The capping continuing calibration verification (CCV) analyzed in batch 460-1074742. was outside the method criteria for the following analyte(s): Bis(2-ethylhexyl) phthalate, Benzaldehyde and Di-n-octyl phthalate. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

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

Eurofins Edison

Detection Summary

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Client Sample ID: GW-11222397-111125-ES-001

Lab Sample ID: 460-339305-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	4.3		1.0	0.37	ug/L	1		8260D	Total/NA
1,2-Dichloroethane	2.8		0.30	0.087	ug/L	1		8260D	Total/NA
2-Butanone (MEK)	5.1		5.0	3.9	ug/L	1		8260D	Total/NA
Acetone	20		5.0	4.4	ug/L	1		8260D	Total/NA
Benzene	440		0.45	0.070	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.89	J	1.0	0.48	ug/L	1		8260D	Total/NA
Cyclohexane	59	F1	1.0	0.32	ug/L	1		8260D	Total/NA
Ethylbenzene	140		1.0	0.30	ug/L	1		8260D	Total/NA
Isopropylbenzene	14		1.0	0.34	ug/L	1		8260D	Total/NA
Methylcyclohexane	12		1.0	0.71	ug/L	1		8260D	Total/NA
Toluene	71	F1	1.0	0.38	ug/L	1		8260D	Total/NA
Xylenes, Total	43		2.0	0.65	ug/L	1		8260D	Total/NA
Naphthalene	12		2.0	0.54	ug/L	1		8270C	Total/NA

Client Sample ID: RB-11222397-111125-ES-002

Lab Sample ID: 460-339305-2

No Detections.

Client Sample ID: GW-11222397-111125-ES-003

Lab Sample ID: 460-339305-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	73		2.0	0.75	ug/L	2		8260D	Total/NA
Acetone	11		10	8.8	ug/L	2		8260D	Total/NA
Benzene	77		0.90	0.14	ug/L	2		8260D	Total/NA
Cyclohexane	96		2.0	0.64	ug/L	2		8260D	Total/NA
Ethylbenzene	420		2.0	0.60	ug/L	2		8260D	Total/NA
Isopropylbenzene	8.7		2.0	0.67	ug/L	2		8260D	Total/NA
Methylcyclohexane	17		2.0	1.4	ug/L	2		8260D	Total/NA
Toluene	55		2.0	0.76	ug/L	2		8260D	Total/NA
Xylenes, Total	650		4.0	1.3	ug/L	2		8260D	Total/NA
1,1'-Biphenyl	1.2	J	5.0	1.2	ug/L	1		8270C	Total/NA
2,4-Dimethylphenol	1.9	J	10	0.62	ug/L	1		8270C	Total/NA
2-Methylnaphthalene	21		10	0.53	ug/L	1		8270C	Total/NA
Acetophenone	3.0	J	10	2.3	ug/L	1		8270C	Total/NA
Naphthalene	48		2.0	0.54	ug/L	1		8270C	Total/NA

Client Sample ID: GW-11222397-111125-ES-004

Lab Sample ID: 460-339305-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	350		2.0	0.75	ug/L	2		8260D	Total/NA
Acetone	39		10	8.8	ug/L	2		8260D	Total/NA
Cyclohexane	180		2.0	0.64	ug/L	2		8260D	Total/NA
Ethylbenzene	260		2.0	0.60	ug/L	2		8260D	Total/NA
Isopropylbenzene	29		2.0	0.67	ug/L	2		8260D	Total/NA
Methylcyclohexane	69		2.0	1.4	ug/L	2		8260D	Total/NA
Xylenes, Total	890		4.0	1.3	ug/L	2		8260D	Total/NA
2-Methylnaphthalene	11		10	0.53	ug/L	1		8270C	Total/NA
Acetophenone	9.9	J	10	2.3	ug/L	1		8270C	Total/NA
Naphthalene	62		2.0	0.54	ug/L	1		8270C	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Client Sample ID: GW-11222397-111125-ES-001

Lab Sample ID: 460-339305-1

Date Collected: 11/11/25 10:45

Matrix: Water

Date Received: 11/12/25 19:00

Method: SW846 8260D - Volatile Organics (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			11/21/25 03:43	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			11/21/25 03:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			11/21/25 03:43	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			11/21/25 03:43	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/21/25 03:43	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/21/25 03:43	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/21/25 03:43	1
1,2,4-Trimethylbenzene	4.3		1.0	0.37	ug/L			11/21/25 03:43	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/21/25 03:43	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/21/25 03:43	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/21/25 03:43	1
1,2-Dichloroethane	2.8		0.30	0.087	ug/L			11/21/25 03:43	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			11/21/25 03:43	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/21/25 03:43	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/21/25 03:43	1
2-Butanone (MEK)	5.1		5.0	3.9	ug/L			11/21/25 03:43	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/21/25 03:43	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			11/21/25 03:43	1
Acetone	20		5.0	4.4	ug/L			11/21/25 03:43	1
Benzene	440		0.45	0.070	ug/L			11/21/25 03:43	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			11/21/25 03:43	1
Bromoform	0.54	U	1.0	0.54	ug/L			11/21/25 03:43	1
Bromomethane	0.55	U	1.0	0.55	ug/L			11/21/25 03:43	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			11/21/25 03:43	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/21/25 03:43	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/21/25 03:43	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/21/25 03:43	1
Chloroform	0.33	U	1.0	0.33	ug/L			11/21/25 03:43	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/21/25 03:43	1
cis-1,2-Dichloroethene	0.89	J	1.0	0.48	ug/L			11/21/25 03:43	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			11/21/25 03:43	1
Cyclohexane	59	F1	1.0	0.32	ug/L			11/21/25 03:43	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			11/21/25 03:43	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/21/25 03:43	1
Ethylbenzene	140		1.0	0.30	ug/L			11/21/25 03:43	1
Isopropylbenzene	14		1.0	0.34	ug/L			11/21/25 03:43	1
Methyl acetate	0.79	U F1	5.0	0.79	ug/L			11/21/25 03:43	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			11/21/25 03:43	1
Methylcyclohexane	12		1.0	0.71	ug/L			11/21/25 03:43	1
Methylene Chloride	0.65	U	1.0	0.65	ug/L			11/21/25 03:43	1
Styrene	0.42	U	1.0	0.42	ug/L			11/21/25 03:43	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			11/21/25 03:43	1
Toluene	71	F1	1.0	0.38	ug/L			11/21/25 03:43	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			11/21/25 03:43	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			11/21/25 03:43	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			11/21/25 03:43	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			11/21/25 03:43	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			11/21/25 03:43	1
Xylenes, Total	43		2.0	0.65	ug/L			11/21/25 03:43	1

Eurolins Edison

Client Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Client Sample ID: GW-11222397-111125-ES-001

Lab Sample ID: 460-339305-1

Date Collected: 11/11/25 10:45

Matrix: Water

Date Received: 11/12/25 19:00

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	120	J	ug/L		1.78	N/A		11/21/25 03:43	1
Butane, 2-methyl-	150	J N	ug/L		2.16	78-78-4		11/21/25 03:43	1
Pentane	73	J N	ug/L		2.35	109-66-0		11/21/25 03:43	1
2-Methyl-1-butene	42	J N	ug/L		2.46	563-46-2		11/21/25 03:43	1
2-Butene, 2-methyl-	100	J N	ug/L		2.59	513-35-9		11/21/25 03:43	1
Unknown	62	J	ug/L		3.05	N/A		11/21/25 03:43	1
Cyclopentane, methyl-	68	J N	ug/L		4.03	96-37-7		11/21/25 03:43	1
o-Xylene	8.8		ug/L		9.93	95-47-6		11/21/25 03:43	1
Benzene, 1-ethenyl-2-methyl-	80	J N	ug/L		11.37	611-15-4		11/21/25 03:43	1
Indan, 1-methyl-	32	J N	ug/L		11.76	767-58-8		11/21/25 03:43	1
Benzene, (1-methyl-1-propenyl)-, (Z)-	39	J N	ug/L		12.33	767-99-7		11/21/25 03:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		70 - 128					11/21/25 03:43	1
4-Bromofluorobenzene	101		76 - 120					11/21/25 03:43	1
Dibromofluoromethane (Surr)	96		77 - 132					11/21/25 03:43	1
Toluene-d8 (Surr)	98		80 - 120					11/21/25 03:43	1

Method: SW846 8270C - Semivolatile Organics (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	1.2	U	5.0	1.2	ug/L		11/14/25 11:11	11/14/25 23:11	1
2,2'-oxybis[1-chloropropane]	0.63	U F1	10	0.63	ug/L		11/14/25 11:11	11/14/25 23:11	1
2,4,5-Trichlorophenol	0.88	U	10	0.88	ug/L		11/14/25 11:11	11/14/25 23:11	1
2,4,6-Trichlorophenol	0.86	U	3.0	0.86	ug/L		11/14/25 11:11	11/14/25 23:11	1
2,4-Dichlorophenol	1.1	U	10	1.1	ug/L		11/14/25 11:11	11/14/25 23:11	1
2,4-Dimethylphenol	0.62	U	10	0.62	ug/L		11/14/25 11:11	11/14/25 23:11	1
2,4-Dinitrophenol	11	U	12	11	ug/L		11/14/25 11:11	11/14/25 23:11	1
2,4-Dinitrotoluene	1.0	U	10	1.0	ug/L		11/14/25 11:11	11/14/25 23:11	1
2,6-Dinitrotoluene	0.83	U	2.0	0.83	ug/L		11/14/25 11:11	11/14/25 23:11	1
2-Chloronaphthalene	1.2	U	10	1.2	ug/L		11/14/25 11:11	11/14/25 23:11	1
2-Chlorophenol	0.95	U	10	0.95	ug/L		11/14/25 11:11	11/14/25 23:11	1
2-Methylnaphthalene	0.53	U	10	0.53	ug/L		11/14/25 11:11	11/14/25 23:11	1
2-Methylphenol	0.67	U	10	0.67	ug/L		11/14/25 11:11	11/14/25 23:11	1
2-Nitroaniline	1.2	U	10	1.2	ug/L		11/14/25 11:11	11/14/25 23:11	1
2-Nitrophenol	0.75	U	10	0.75	ug/L		11/14/25 11:11	11/14/25 23:11	1
3,3'-Dichlorobenzidine	1.4	U	5.2	1.4	ug/L		11/14/25 11:11	11/14/25 23:11	1
3-Nitroaniline	1.9	U	10	1.9	ug/L		11/14/25 11:11	11/14/25 23:11	1
4,6-Dinitro-2-methylphenol	8.6	U	20	8.6	ug/L		11/14/25 11:11	11/14/25 23:11	1
4-Bromophenyl phenyl ether	0.75	U	10	0.75	ug/L		11/14/25 11:11	11/14/25 23:11	1
4-Chloro-3-methylphenol	1.3	U	10	1.3	ug/L		11/14/25 11:11	11/14/25 23:11	1
4-Chlorophenyl phenyl ether	1.3	U	10	1.3	ug/L		11/14/25 11:11	11/14/25 23:11	1
4-Methylphenol	0.65	U	10	0.65	ug/L		11/14/25 11:11	11/14/25 23:11	1
4-Nitroaniline	1.2	U	10	1.2	ug/L		11/14/25 11:11	11/14/25 23:11	1
4-Nitrophenol	4.0	U	20	4.0	ug/L		11/14/25 11:11	11/14/25 23:11	1
Acenaphthene	1.1	U	10	1.1	ug/L		11/14/25 11:11	11/14/25 23:11	1
Acenaphthylene	0.82	U	10	0.82	ug/L		11/14/25 11:11	11/14/25 23:11	1
Acetophenone	2.3	U	10	2.3	ug/L		11/14/25 11:11	11/14/25 23:11	1
Anthracene	1.3	U	10	1.3	ug/L		11/14/25 11:11	11/14/25 23:11	1
Atrazine	1.3	U F2	2.0	1.3	ug/L		11/14/25 11:11	11/14/25 23:11	1
Benzaldehyde	2.1	U F2	10	2.1	ug/L		11/14/25 11:11	11/14/25 23:11	1

Eurofins Edison

Client Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Client Sample ID: GW-11222397-111125-ES-001

Lab Sample ID: 460-339305-1

Date Collected: 11/11/25 10:45

Matrix: Water

Date Received: 11/12/25 19:00

Method: SW846 8270C - Semivolatile Organics (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.59	U	1.0	0.59	ug/L		11/14/25 11:11	11/14/25 23:11	1
Benzo[a]pyrene	0.41	U	1.0	0.41	ug/L		11/14/25 11:11	11/14/25 23:11	1
Benzo[b]fluoranthene	0.68	U	2.0	0.68	ug/L		11/14/25 11:11	11/14/25 23:11	1
Benzo[g,h,i]perylene	0.70	U	10	0.70	ug/L		11/14/25 11:11	11/14/25 23:11	1
Benzo[k]fluoranthene	0.67	U	1.0	0.67	ug/L		11/14/25 11:11	11/14/25 23:11	1
Bis(2-chloroethoxy)methane	0.59	U	10	0.59	ug/L		11/14/25 11:11	11/14/25 23:11	1
Bis(2-chloroethyl)ether	0.63	U	1.0	0.63	ug/L		11/14/25 11:11	11/14/25 23:11	1
Bis(2-ethylhexyl) phthalate	0.80	U	2.0	0.80	ug/L		11/14/25 11:11	11/14/25 23:11	1
Butyl benzyl phthalate	0.85	U	10	0.85	ug/L		11/14/25 11:11	11/14/25 23:11	1
Caprolactam	2.2	U F2	10	2.2	ug/L		11/14/25 11:11	11/14/25 23:11	1
Carbazole	0.68	U	10	0.68	ug/L		11/14/25 11:11	11/14/25 23:11	1
Chrysene	0.91	U	2.0	0.91	ug/L		11/14/25 11:11	11/14/25 23:11	1
Dibenz(a,h)anthracene	0.72	U	1.0	0.72	ug/L		11/14/25 11:11	11/14/25 23:11	1
Dibenzofuran	1.1	U	10	1.1	ug/L		11/14/25 11:11	11/14/25 23:11	1
Diethyl phthalate	0.98	U	10	0.98	ug/L		11/14/25 11:11	11/14/25 23:11	1
Dimethyl phthalate	0.77	U	10	0.77	ug/L		11/14/25 11:11	11/14/25 23:11	1
Di-n-butyl phthalate	0.84	U	10	0.84	ug/L		11/14/25 11:11	11/14/25 23:11	1
Di-n-octyl phthalate	4.0	U	10	4.0	ug/L		11/14/25 11:11	11/14/25 23:11	1
Fluoranthene	0.84	U	10	0.84	ug/L		11/14/25 11:11	11/14/25 23:11	1
Fluorene	0.91	U	10	0.91	ug/L		11/14/25 11:11	11/14/25 23:11	1
Hexachlorobenzene	0.40	U	1.0	0.40	ug/L		11/14/25 11:11	11/14/25 23:11	1
Hexachlorobutadiene	0.78	U	1.0	0.78	ug/L		11/14/25 11:11	11/14/25 23:11	1
Hexachlorocyclopentadiene	3.6	U	10	3.6	ug/L		11/14/25 11:11	11/14/25 23:11	1
Hexachloroethane	0.31	U	0.80	0.31	ug/L		11/14/25 11:11	11/14/25 23:11	1
Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94	ug/L		11/14/25 11:11	11/14/25 23:11	1
Isophorone	0.80	U	10	0.80	ug/L		11/14/25 11:11	11/14/25 23:11	1
Naphthalene	12		2.0	0.54	ug/L		11/14/25 11:11	11/14/25 23:11	1
Nitrobenzene	0.57	U	1.0	0.57	ug/L		11/14/25 11:11	11/14/25 23:11	1
N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43	ug/L		11/14/25 11:11	11/14/25 23:11	1
N-Nitrosodiphenylamine	0.89	U	10	0.89	ug/L		11/14/25 11:11	11/14/25 23:11	1
Pentachlorophenol	6.6	U	20	6.6	ug/L		11/14/25 11:11	11/14/25 23:11	1
Phenanthrene	1.3	U	10	1.3	ug/L		11/14/25 11:11	11/14/25 23:11	1
Phenol	0.29	U	10	0.29	ug/L		11/14/25 11:11	11/14/25 23:11	1
Pyrene	1.6	U	10	1.6	ug/L		11/14/25 11:11	11/14/25 23:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	59		24 - 150	11/14/25 11:11	11/14/25 23:11	1
2-Fluorobiphenyl	69		38 - 139	11/14/25 11:11	11/14/25 23:11	1
2-Fluorophenol (Surr)	56		10 - 90	11/14/25 11:11	11/14/25 23:11	1
Nitrobenzene-d5 (Surr)	87		39 - 145	11/14/25 11:11	11/14/25 23:11	1
Phenol-d5 (Surr)	42		10 - 68	11/14/25 11:11	11/14/25 23:11	1
Terphenyl-d14 (Surr)	46		10 - 133	11/14/25 11:11	11/14/25 23:11	1

Client Sample ID: RB-11222397-111125-ES-002

Lab Sample ID: 460-339305-2

Date Collected: 11/11/25 11:55

Matrix: Water

Date Received: 11/12/25 19:00

Method: SW846 8270C - Semivolatile Organics (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	1.2	U	5.0	1.2	ug/L		11/14/25 11:10	11/14/25 22:09	1

Eurofins Edison

Client Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Client Sample ID: RB-11222397-111125-ES-002

Lab Sample ID: 460-339305-2

Date Collected: 11/11/25 11:55

Matrix: Water

Date Received: 11/12/25 19:00

Method: SW846 8270C - Semivolatile Organics (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63	ug/L		11/14/25 11:10	11/14/25 22:09	1
2,4,5-Trichlorophenol	0.88	U	10	0.88	ug/L		11/14/25 11:10	11/14/25 22:09	1
2,4,6-Trichlorophenol	0.86	U	3.0	0.86	ug/L		11/14/25 11:10	11/14/25 22:09	1
2,4-Dichlorophenol	1.1	U	10	1.1	ug/L		11/14/25 11:10	11/14/25 22:09	1
2,4-Dimethylphenol	0.62	U	10	0.62	ug/L		11/14/25 11:10	11/14/25 22:09	1
2,4-Dinitrophenol	11	U	12	11	ug/L		11/14/25 11:10	11/14/25 22:09	1
2,4-Dinitrotoluene	1.0	U	10	1.0	ug/L		11/14/25 11:10	11/14/25 22:09	1
2,6-Dinitrotoluene	0.83	U	2.0	0.83	ug/L		11/14/25 11:10	11/14/25 22:09	1
2-Chloronaphthalene	1.2	U	10	1.2	ug/L		11/14/25 11:10	11/14/25 22:09	1
2-Chlorophenol	0.95	U	10	0.95	ug/L		11/14/25 11:10	11/14/25 22:09	1
2-Methylnaphthalene	0.53	U	10	0.53	ug/L		11/14/25 11:10	11/14/25 22:09	1
2-Methylphenol	0.67	U	10	0.67	ug/L		11/14/25 11:10	11/14/25 22:09	1
2-Nitroaniline	1.2	U	10	1.2	ug/L		11/14/25 11:10	11/14/25 22:09	1
2-Nitrophenol	0.75	U	10	0.75	ug/L		11/14/25 11:10	11/14/25 22:09	1
3,3'-Dichlorobenzidine	1.4	U	5.2	1.4	ug/L		11/14/25 11:10	11/14/25 22:09	1
3-Nitroaniline	1.9	U	10	1.9	ug/L		11/14/25 11:10	11/14/25 22:09	1
4,6-Dinitro-2-methylphenol	8.6	U	20	8.6	ug/L		11/14/25 11:10	11/14/25 22:09	1
4-Bromophenyl phenyl ether	0.75	U	10	0.75	ug/L		11/14/25 11:10	11/14/25 22:09	1
4-Chloro-3-methylphenol	1.3	U	10	1.3	ug/L		11/14/25 11:10	11/14/25 22:09	1
4-Chlorophenyl phenyl ether	1.3	U	10	1.3	ug/L		11/14/25 11:10	11/14/25 22:09	1
4-Methylphenol	0.65	U	10	0.65	ug/L		11/14/25 11:10	11/14/25 22:09	1
4-Nitroaniline	1.2	U	10	1.2	ug/L		11/14/25 11:10	11/14/25 22:09	1
4-Nitrophenol	4.0	U	20	4.0	ug/L		11/14/25 11:10	11/14/25 22:09	1
Acenaphthene	1.1	U	10	1.1	ug/L		11/14/25 11:10	11/14/25 22:09	1
Acenaphthylene	0.82	U	10	0.82	ug/L		11/14/25 11:10	11/14/25 22:09	1
Acetophenone	2.3	U	10	2.3	ug/L		11/14/25 11:10	11/14/25 22:09	1
Anthracene	1.3	U	10	1.3	ug/L		11/14/25 11:10	11/14/25 22:09	1
Atrazine	1.3	U	2.0	1.3	ug/L		11/14/25 11:10	11/14/25 22:09	1
Benzaldehyde	2.1	U	10	2.1	ug/L		11/14/25 11:10	11/14/25 22:09	1
Benzo[a]anthracene	0.59	U	1.0	0.59	ug/L		11/14/25 11:10	11/14/25 22:09	1
Benzo[a]pyrene	0.41	U	1.0	0.41	ug/L		11/14/25 11:10	11/14/25 22:09	1
Benzo[b]fluoranthene	0.68	U	2.0	0.68	ug/L		11/14/25 11:10	11/14/25 22:09	1
Benzo[g,h,i]perylene	0.70	U	10	0.70	ug/L		11/14/25 11:10	11/14/25 22:09	1
Benzo[k]fluoranthene	0.67	U	1.0	0.67	ug/L		11/14/25 11:10	11/14/25 22:09	1
Bis(2-chloroethoxy)methane	0.59	U	10	0.59	ug/L		11/14/25 11:10	11/14/25 22:09	1
Bis(2-chloroethyl)ether	0.63	U	1.0	0.63	ug/L		11/14/25 11:10	11/14/25 22:09	1
Bis(2-ethylhexyl) phthalate	0.80	U	2.0	0.80	ug/L		11/14/25 11:10	11/14/25 22:09	1
Butyl benzyl phthalate	0.85	U	10	0.85	ug/L		11/14/25 11:10	11/14/25 22:09	1
Caprolactam	2.2	U	10	2.2	ug/L		11/14/25 11:10	11/14/25 22:09	1
Carbazole	0.68	U	10	0.68	ug/L		11/14/25 11:10	11/14/25 22:09	1
Chrysene	0.91	U	2.0	0.91	ug/L		11/14/25 11:10	11/14/25 22:09	1
Dibenz(a,h)anthracene	0.72	U	1.0	0.72	ug/L		11/14/25 11:10	11/14/25 22:09	1
Dibenzofuran	1.1	U	10	1.1	ug/L		11/14/25 11:10	11/14/25 22:09	1
Diethyl phthalate	0.98	U	10	0.98	ug/L		11/14/25 11:10	11/14/25 22:09	1
Dimethyl phthalate	0.77	U	10	0.77	ug/L		11/14/25 11:10	11/14/25 22:09	1
Di-n-butyl phthalate	0.84	U	10	0.84	ug/L		11/14/25 11:10	11/14/25 22:09	1
Di-n-octyl phthalate	4.0	U	10	4.0	ug/L		11/14/25 11:10	11/14/25 22:09	1
Fluoranthene	0.84	U	10	0.84	ug/L		11/14/25 11:10	11/14/25 22:09	1
Fluorene	0.91	U	10	0.91	ug/L		11/14/25 11:10	11/14/25 22:09	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Client Sample ID: RB-11222397-111125-ES-002

Lab Sample ID: 460-339305-2

Date Collected: 11/11/25 11:55

Matrix: Water

Date Received: 11/12/25 19:00

Method: SW846 8270C - Semivolatile Organics (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	0.40	U	1.0	0.40	ug/L		11/14/25 11:10	11/14/25 22:09	1
Hexachlorobutadiene	0.78	U	1.0	0.78	ug/L		11/14/25 11:10	11/14/25 22:09	1
Hexachlorocyclopentadiene	3.6	U	10	3.6	ug/L		11/14/25 11:10	11/14/25 22:09	1
Hexachloroethane	0.31	U	0.80	0.31	ug/L		11/14/25 11:10	11/14/25 22:09	1
Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94	ug/L		11/14/25 11:10	11/14/25 22:09	1
Isophorone	0.80	U	10	0.80	ug/L		11/14/25 11:10	11/14/25 22:09	1
Naphthalene	0.54	U	2.0	0.54	ug/L		11/14/25 11:10	11/14/25 22:09	1
Nitrobenzene	0.57	U	1.0	0.57	ug/L		11/14/25 11:10	11/14/25 22:09	1
N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43	ug/L		11/14/25 11:10	11/14/25 22:09	1
N-Nitrosodiphenylamine	0.89	U	10	0.89	ug/L		11/14/25 11:10	11/14/25 22:09	1
Pentachlorophenol	6.6	U	20	6.6	ug/L		11/14/25 11:10	11/14/25 22:09	1
Phenanthrene	1.3	U	10	1.3	ug/L		11/14/25 11:10	11/14/25 22:09	1
Phenol	0.29	U	10	0.29	ug/L		11/14/25 11:10	11/14/25 22:09	1
Pyrene	1.6	U	10	1.6	ug/L		11/14/25 11:10	11/14/25 22:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	58		24 - 150	11/14/25 11:10	11/14/25 22:09	1
2-Fluorobiphenyl	65		38 - 139	11/14/25 11:10	11/14/25 22:09	1
2-Fluorophenol (Surr)	52		10 - 90	11/14/25 11:10	11/14/25 22:09	1
Nitrobenzene-d5 (Surr)	85		39 - 145	11/14/25 11:10	11/14/25 22:09	1
Phenol-d5 (Surr)	36		10 - 68	11/14/25 11:10	11/14/25 22:09	1
Terphenyl-d14 (Surr)	44		10 - 133	11/14/25 11:10	11/14/25 22:09	1

Client Sample ID: GW-11222397-111125-ES-003

Lab Sample ID: 460-339305-3

Date Collected: 11/11/25 13:15

Matrix: Water

Date Received: 11/12/25 19:00

Method: SW846 8260D - Volatile Organics (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.48	U	2.0	0.48	ug/L			11/21/25 21:05	2
1,1,2,2-Tetrachloroethane	0.17	U	0.40	0.17	ug/L			11/21/25 21:05	2
1,1,2-Trichloro-1,2,2-trifluoroethane	0.62	U	2.0	0.62	ug/L			11/21/25 21:05	2
1,1,2-Trichloroethane	0.38	U	1.2	0.38	ug/L			11/21/25 21:05	2
1,1-Dichloroethane	0.53	U	2.0	0.53	ug/L			11/21/25 21:05	2
1,1-Dichloroethene	0.53	U	2.0	0.53	ug/L			11/21/25 21:05	2
1,2,4-Trichlorobenzene	0.73	U	2.0	0.73	ug/L			11/21/25 21:05	2
1,2,4-Trimethylbenzene	73		2.0	0.75	ug/L			11/21/25 21:05	2
1,2-Dibromo-3-Chloropropane	0.75	U	2.0	0.75	ug/L			11/21/25 21:05	2
1,2-Dibromoethane	1.0	U	2.0	1.0	ug/L			11/21/25 21:05	2
1,2-Dichlorobenzene	0.42	U	2.0	0.42	ug/L			11/21/25 21:05	2
1,2-Dichloroethane	0.17	U	0.60	0.17	ug/L			11/21/25 21:05	2
1,2-Dichloropropane	0.15	U	1.8	0.15	ug/L			11/21/25 21:05	2
1,3-Dichlorobenzene	0.68	U	2.0	0.68	ug/L			11/21/25 21:05	2
1,4-Dichlorobenzene	0.67	U	2.0	0.67	ug/L			11/21/25 21:05	2
2-Butanone (MEK)	7.8	U	10	7.8	ug/L			11/21/25 21:05	2
2-Hexanone	2.3	U	10	2.3	ug/L			11/21/25 21:05	2
4-Methyl-2-pentanone (MIBK)	2.6	U	10	2.6	ug/L			11/21/25 21:05	2
Acetone	11		10	8.8	ug/L			11/21/25 21:05	2
Benzene	77		0.90	0.14	ug/L			11/21/25 21:05	2
Dichlorobromomethane	0.30	U	2.0	0.30	ug/L			11/21/25 21:05	2

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Client Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Client Sample ID: GW-11222397-111125-ES-003

Lab Sample ID: 460-339305-3

Date Collected: 11/11/25 13:15

Matrix: Water

Date Received: 11/12/25 19:00

Method: SW846 8260D - Volatile Organics (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	1.1	U	2.0	1.1	ug/L			11/21/25 21:05	2
Bromomethane	1.1	U	2.0	1.1	ug/L			11/21/25 21:05	2
Carbon disulfide	1.6	U	2.0	1.6	ug/L			11/21/25 21:05	2
Carbon tetrachloride	0.42	U	2.0	0.42	ug/L			11/21/25 21:05	2
Chlorobenzene	0.75	U	2.0	0.75	ug/L			11/21/25 21:05	2
Chloroethane	0.64	U	2.0	0.64	ug/L			11/21/25 21:05	2
Chloroform	0.65	U	2.0	0.65	ug/L			11/21/25 21:05	2
Chloromethane	0.80	U	2.0	0.80	ug/L			11/21/25 21:05	2
cis-1,2-Dichloroethene	0.96	U	2.0	0.96	ug/L			11/21/25 21:05	2
cis-1,3-Dichloropropene	0.14	U	0.90	0.14	ug/L			11/21/25 21:05	2
Cyclohexane	96		2.0	0.64	ug/L			11/21/25 21:05	2
Chlorodibromomethane	0.17	U	1.6	0.17	ug/L			11/21/25 21:05	2
Dichlorodifluoromethane	0.62	U	2.0	0.62	ug/L			11/21/25 21:05	2
Ethylbenzene	420		2.0	0.60	ug/L			11/21/25 21:05	2
Isopropylbenzene	8.7		2.0	0.67	ug/L			11/21/25 21:05	2
Methyl acetate	1.6	U	10	1.6	ug/L			11/21/25 21:05	2
Methyl tert-butyl ether	0.43	U	2.0	0.43	ug/L			11/21/25 21:05	2
Methylcyclohexane	17		2.0	1.4	ug/L			11/21/25 21:05	2
Methylene Chloride	1.3	U	2.0	1.3	ug/L			11/21/25 21:05	2
Styrene	0.83	U	2.0	0.83	ug/L			11/21/25 21:05	2
Tetrachloroethene	0.55	U	0.80	0.55	ug/L			11/21/25 21:05	2
Toluene	55		2.0	0.76	ug/L			11/21/25 21:05	2
trans-1,2-Dichloroethene	0.47	U	2.0	0.47	ug/L			11/21/25 21:05	2
trans-1,3-Dichloropropene	0.23	U	0.90	0.23	ug/L			11/21/25 21:05	2
Trichloroethene	0.15	U	0.56	0.15	ug/L			11/21/25 21:05	2
Trichlorofluoromethane	0.64	U	2.0	0.64	ug/L			11/21/25 21:05	2
Vinyl chloride	0.80	U	2.0	0.80	ug/L			11/21/25 21:05	2
Xylenes, Total	650		4.0	1.3	ug/L			11/21/25 21:05	2

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	190	J	ug/L		1.78	N/A		11/21/25 21:05	2
Butane, 2-methyl-	330	J N	ug/L		2.16	78-78-4		11/21/25 21:05	2
Pentane	200	J N	ug/L		2.35	109-66-0		11/21/25 21:05	2
2-Pentene, (Z)-	97	J N	ug/L		2.46	627-20-3		11/21/25 21:05	2
Cyclopropane, 1,2-dimethyl-, cis-	190	J N	ug/L		2.59	930-18-7		11/21/25 21:05	2
2-Pentene, 3-methyl-, (E)-	99	J N	ug/L		3.88	616-12-6		11/21/25 21:05	2
Cyclopentane, methyl-	140	J N	ug/L		4.03	96-37-7		11/21/25 21:05	2
Benzene, 1-ethyl-3-methyl-	79	J N	ug/L		10.63	620-14-4		11/21/25 21:05	2
Indane	87	J N	ug/L		11.38	496-11-7		11/21/25 21:05	2
Naphthalene	69	J N	ug/L		12.92	91-20-3		11/21/25 21:05	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 128		11/21/25 21:05	2
4-Bromofluorobenzene	105		76 - 120		11/21/25 21:05	2
Dibromofluoromethane (Surr)	99		77 - 132		11/21/25 21:05	2
Toluene-d8 (Surr)	99		80 - 120		11/21/25 21:05	2

Method: SW846 8270C - Semivolatile Organics (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	1.2	J	5.0	1.2	ug/L		11/14/25 11:11	11/14/25 22:29	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Client Sample ID: GW-11222397-111125-ES-003

Lab Sample ID: 460-339305-3

Date Collected: 11/11/25 13:15

Matrix: Water

Date Received: 11/12/25 19:00

Method: SW846 8270C - Semivolatile Organics (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63	ug/L		11/14/25 11:11	11/14/25 22:29	1
2,4,5-Trichlorophenol	0.88	U	10	0.88	ug/L		11/14/25 11:11	11/14/25 22:29	1
2,4,6-Trichlorophenol	0.86	U	3.0	0.86	ug/L		11/14/25 11:11	11/14/25 22:29	1
2,4-Dichlorophenol	1.1	U	10	1.1	ug/L		11/14/25 11:11	11/14/25 22:29	1
2,4-Dimethylphenol	1.9	J	10	0.62	ug/L		11/14/25 11:11	11/14/25 22:29	1
2,4-Dinitrophenol	11	U	12	11	ug/L		11/14/25 11:11	11/14/25 22:29	1
2,4-Dinitrotoluene	1.0	U	10	1.0	ug/L		11/14/25 11:11	11/14/25 22:29	1
2,6-Dinitrotoluene	0.83	U	2.0	0.83	ug/L		11/14/25 11:11	11/14/25 22:29	1
2-Chloronaphthalene	1.2	U	10	1.2	ug/L		11/14/25 11:11	11/14/25 22:29	1
2-Chlorophenol	0.95	U	10	0.95	ug/L		11/14/25 11:11	11/14/25 22:29	1
2-Methylnaphthalene	21		10	0.53	ug/L		11/14/25 11:11	11/14/25 22:29	1
2-Methylphenol	0.67	U	10	0.67	ug/L		11/14/25 11:11	11/14/25 22:29	1
2-Nitroaniline	1.2	U	10	1.2	ug/L		11/14/25 11:11	11/14/25 22:29	1
2-Nitrophenol	0.75	U	10	0.75	ug/L		11/14/25 11:11	11/14/25 22:29	1
3,3'-Dichlorobenzidine	1.4	U	5.2	1.4	ug/L		11/14/25 11:11	11/14/25 22:29	1
3-Nitroaniline	1.9	U	10	1.9	ug/L		11/14/25 11:11	11/14/25 22:29	1
4,6-Dinitro-2-methylphenol	8.6	U	20	8.6	ug/L		11/14/25 11:11	11/14/25 22:29	1
4-Bromophenyl phenyl ether	0.75	U	10	0.75	ug/L		11/14/25 11:11	11/14/25 22:29	1
4-Chloro-3-methylphenol	1.3	U	10	1.3	ug/L		11/14/25 11:11	11/14/25 22:29	1
4-Chlorophenyl phenyl ether	1.3	U	10	1.3	ug/L		11/14/25 11:11	11/14/25 22:29	1
4-Methylphenol	0.65	U	10	0.65	ug/L		11/14/25 11:11	11/14/25 22:29	1
4-Nitroaniline	1.2	U	10	1.2	ug/L		11/14/25 11:11	11/14/25 22:29	1
4-Nitrophenol	4.0	U	20	4.0	ug/L		11/14/25 11:11	11/14/25 22:29	1
Acenaphthene	1.1	U	10	1.1	ug/L		11/14/25 11:11	11/14/25 22:29	1
Acenaphthylene	0.82	U	10	0.82	ug/L		11/14/25 11:11	11/14/25 22:29	1
Acetophenone	3.0	J	10	2.3	ug/L		11/14/25 11:11	11/14/25 22:29	1
Anthracene	1.3	U	10	1.3	ug/L		11/14/25 11:11	11/14/25 22:29	1
Atrazine	1.3	U	2.0	1.3	ug/L		11/14/25 11:11	11/14/25 22:29	1
Benzaldehyde	2.1	U	10	2.1	ug/L		11/14/25 11:11	11/14/25 22:29	1
Benzo[a]anthracene	0.59	U	1.0	0.59	ug/L		11/14/25 11:11	11/14/25 22:29	1
Benzo[a]pyrene	0.41	U	1.0	0.41	ug/L		11/14/25 11:11	11/14/25 22:29	1
Benzo[b]fluoranthene	0.68	U	2.0	0.68	ug/L		11/14/25 11:11	11/14/25 22:29	1
Benzo[g,h,i]perylene	0.70	U	10	0.70	ug/L		11/14/25 11:11	11/14/25 22:29	1
Benzo[k]fluoranthene	0.67	U	1.0	0.67	ug/L		11/14/25 11:11	11/14/25 22:29	1
Bis(2-chloroethoxy)methane	0.59	U	10	0.59	ug/L		11/14/25 11:11	11/14/25 22:29	1
Bis(2-chloroethyl)ether	0.63	U	1.0	0.63	ug/L		11/14/25 11:11	11/14/25 22:29	1
Bis(2-ethylhexyl) phthalate	0.80	U	2.0	0.80	ug/L		11/14/25 11:11	11/14/25 22:29	1
Butyl benzyl phthalate	0.85	U	10	0.85	ug/L		11/14/25 11:11	11/14/25 22:29	1
Caprolactam	2.2	U	10	2.2	ug/L		11/14/25 11:11	11/14/25 22:29	1
Carbazole	0.68	U	10	0.68	ug/L		11/14/25 11:11	11/14/25 22:29	1
Chrysene	0.91	U	2.0	0.91	ug/L		11/14/25 11:11	11/14/25 22:29	1
Dibenz(a,h)anthracene	0.72	U	1.0	0.72	ug/L		11/14/25 11:11	11/14/25 22:29	1
Dibenzofuran	1.1	U	10	1.1	ug/L		11/14/25 11:11	11/14/25 22:29	1
Diethyl phthalate	0.98	U	10	0.98	ug/L		11/14/25 11:11	11/14/25 22:29	1
Dimethyl phthalate	0.77	U	10	0.77	ug/L		11/14/25 11:11	11/14/25 22:29	1
Di-n-butyl phthalate	0.84	U	10	0.84	ug/L		11/14/25 11:11	11/14/25 22:29	1
Di-n-octyl phthalate	4.0	U	10	4.0	ug/L		11/14/25 11:11	11/14/25 22:29	1
Fluoranthene	0.84	U	10	0.84	ug/L		11/14/25 11:11	11/14/25 22:29	1
Fluorene	0.91	U	10	0.91	ug/L		11/14/25 11:11	11/14/25 22:29	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Client Sample ID: GW-11222397-111125-ES-003

Lab Sample ID: 460-339305-3

Date Collected: 11/11/25 13:15

Matrix: Water

Date Received: 11/12/25 19:00

Method: SW846 8270C - Semivolatile Organics (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	0.40	U	1.0	0.40	ug/L		11/14/25 11:11	11/14/25 22:29	1
Hexachlorobutadiene	0.78	U	1.0	0.78	ug/L		11/14/25 11:11	11/14/25 22:29	1
Hexachlorocyclopentadiene	3.6	U	10	3.6	ug/L		11/14/25 11:11	11/14/25 22:29	1
Hexachloroethane	0.31	U	0.80	0.31	ug/L		11/14/25 11:11	11/14/25 22:29	1
Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94	ug/L		11/14/25 11:11	11/14/25 22:29	1
Isophorone	0.80	U	10	0.80	ug/L		11/14/25 11:11	11/14/25 22:29	1
Naphthalene	48		2.0	0.54	ug/L		11/14/25 11:11	11/14/25 22:29	1
Nitrobenzene	0.57	U	1.0	0.57	ug/L		11/14/25 11:11	11/14/25 22:29	1
N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43	ug/L		11/14/25 11:11	11/14/25 22:29	1
N-Nitrosodiphenylamine	0.89	U	10	0.89	ug/L		11/14/25 11:11	11/14/25 22:29	1
Pentachlorophenol	6.6	U	20	6.6	ug/L		11/14/25 11:11	11/14/25 22:29	1
Phenanthrene	1.3	U	10	1.3	ug/L		11/14/25 11:11	11/14/25 22:29	1
Phenol	0.29	U	10	0.29	ug/L		11/14/25 11:11	11/14/25 22:29	1
Pyrene	1.6	U	10	1.6	ug/L		11/14/25 11:11	11/14/25 22:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	51		24 - 150	11/14/25 11:11	11/14/25 22:29	1
2-Fluorobiphenyl	62		38 - 139	11/14/25 11:11	11/14/25 22:29	1
2-Fluorophenol (Surr)	33		10 - 90	11/14/25 11:11	11/14/25 22:29	1
Nitrobenzene-d5 (Surr)	75		39 - 145	11/14/25 11:11	11/14/25 22:29	1
Phenol-d5 (Surr)	28		10 - 68	11/14/25 11:11	11/14/25 22:29	1
Terphenyl-d14 (Surr)	39		10 - 133	11/14/25 11:11	11/14/25 22:29	1

Client Sample ID: GW-11222397-111125-ES-004

Lab Sample ID: 460-339305-4

Date Collected: 11/11/25 14:30

Matrix: Water

Date Received: 11/12/25 19:00

Method: SW846 8260D - Volatile Organics (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.48	U	2.0	0.48	ug/L			11/21/25 07:56	2
1,1,2,2-Tetrachloroethane	0.17	U	0.40	0.17	ug/L			11/21/25 07:56	2
1,1,2-Trichloro-1,2,2-trifluoroethane	0.62	U	2.0	0.62	ug/L			11/21/25 07:56	2
1,1,2-Trichloroethane	0.38	U	1.2	0.38	ug/L			11/21/25 07:56	2
1,1-Dichloroethane	0.53	U	2.0	0.53	ug/L			11/21/25 07:56	2
1,1-Dichloroethene	0.53	U	2.0	0.53	ug/L			11/21/25 07:56	2
1,2,4-Trichlorobenzene	0.73	U	2.0	0.73	ug/L			11/21/25 07:56	2
1,2,4-Trimethylbenzene	350		2.0	0.75	ug/L			11/21/25 07:56	2
1,2-Dibromo-3-Chloropropane	0.75	U	2.0	0.75	ug/L			11/21/25 07:56	2
1,2-Dibromoethane	1.0	U	2.0	1.0	ug/L			11/21/25 07:56	2
1,2-Dichlorobenzene	0.42	U	2.0	0.42	ug/L			11/21/25 07:56	2
1,2-Dichloroethane	0.17	U	0.60	0.17	ug/L			11/21/25 07:56	2
1,2-Dichloropropane	0.15	U	1.8	0.15	ug/L			11/21/25 07:56	2
1,3-Dichlorobenzene	0.68	U	2.0	0.68	ug/L			11/21/25 07:56	2
1,4-Dichlorobenzene	0.67	U	2.0	0.67	ug/L			11/21/25 07:56	2
2-Butanone (MEK)	7.8	U	10	7.8	ug/L			11/21/25 07:56	2
2-Hexanone	2.3	U	10	2.3	ug/L			11/21/25 07:56	2
4-Methyl-2-pentanone (MIBK)	2.6	U	10	2.6	ug/L			11/21/25 07:56	2
Acetone	39		10	8.8	ug/L			11/21/25 07:56	2
Benzene	0.14	U	0.90	0.14	ug/L			11/21/25 07:56	2
Dichlorobromomethane	0.30	U	2.0	0.30	ug/L			11/21/25 07:56	2

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Client Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Client Sample ID: GW-11222397-111125-ES-004

Lab Sample ID: 460-339305-4

Date Collected: 11/11/25 14:30

Matrix: Water

Date Received: 11/12/25 19:00

Method: SW846 8260D - Volatile Organics (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	1.1	U	2.0	1.1	ug/L			11/21/25 07:56	2
Bromomethane	1.1	U	2.0	1.1	ug/L			11/21/25 07:56	2
Carbon disulfide	1.6	U	2.0	1.6	ug/L			11/21/25 07:56	2
Carbon tetrachloride	0.42	U	2.0	0.42	ug/L			11/21/25 07:56	2
Chlorobenzene	0.75	U	2.0	0.75	ug/L			11/21/25 07:56	2
Chloroethane	0.64	U	2.0	0.64	ug/L			11/21/25 07:56	2
Chloroform	0.65	U	2.0	0.65	ug/L			11/21/25 07:56	2
Chloromethane	0.80	U	2.0	0.80	ug/L			11/21/25 07:56	2
cis-1,2-Dichloroethene	0.96	U	2.0	0.96	ug/L			11/21/25 07:56	2
cis-1,3-Dichloropropene	0.14	U	0.90	0.14	ug/L			11/21/25 07:56	2
Cyclohexane	180		2.0	0.64	ug/L			11/21/25 07:56	2
Chlorodibromomethane	0.17	U	1.6	0.17	ug/L			11/21/25 07:56	2
Dichlorodifluoromethane	0.62	U	2.0	0.62	ug/L			11/21/25 07:56	2
Ethylbenzene	260		2.0	0.60	ug/L			11/21/25 07:56	2
Isopropylbenzene	29		2.0	0.67	ug/L			11/21/25 07:56	2
Methyl acetate	1.6	U	10	1.6	ug/L			11/21/25 07:56	2
Methyl tert-butyl ether	0.43	U	2.0	0.43	ug/L			11/21/25 07:56	2
Methylcyclohexane	69		2.0	1.4	ug/L			11/21/25 07:56	2
Methylene Chloride	1.3	U	2.0	1.3	ug/L			11/21/25 07:56	2
Styrene	0.83	U	2.0	0.83	ug/L			11/21/25 07:56	2
Tetrachloroethene	0.55	U	0.80	0.55	ug/L			11/21/25 07:56	2
Toluene	0.76	U	2.0	0.76	ug/L			11/21/25 07:56	2
trans-1,2-Dichloroethene	0.47	U	2.0	0.47	ug/L			11/21/25 07:56	2
trans-1,3-Dichloropropene	0.23	U	0.90	0.23	ug/L			11/21/25 07:56	2
Trichloroethene	0.15	U	0.56	0.15	ug/L			11/21/25 07:56	2
Trichlorofluoromethane	0.64	U	2.0	0.64	ug/L			11/21/25 07:56	2
Vinyl chloride	0.80	U	2.0	0.80	ug/L			11/21/25 07:56	2
Xylenes, Total	890		4.0	1.3	ug/L			11/21/25 07:56	2

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Butane	110	J N	ug/L		1.78	106-97-8		11/21/25 07:56	2
Butane, 2-methyl-	410	J N	ug/L		2.16	78-78-4		11/21/25 07:56	2
Pentane	180	J N	ug/L		2.35	109-66-0		11/21/25 07:56	2
Cyclopentane, methyl-	170	J N	ug/L		4.03	96-37-7		11/21/25 07:56	2
Benzene, 1-ethyl-2-methyl-	390	J N	ug/L		10.63	611-14-3		11/21/25 07:56	2
Benzene, 1,3,5-trimethyl-	170	J N	ug/L		10.69	108-67-8		11/21/25 07:56	2
Benzene, 1-ethyl-3-methyl-	150	J N	ug/L		10.84	620-14-4		11/21/25 07:56	2
Benzene, 1,2,3-trimethyl-	190	J N	ug/L		11.24	526-73-8		11/21/25 07:56	2
Indane	210	J N	ug/L		11.37	496-11-7		11/21/25 07:56	2
1H-Indene, 2,3-dihydro-5-methyl-	100	J N	ug/L		12.34	874-35-1		11/21/25 07:56	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		70 - 128		11/21/25 07:56	2
4-Bromofluorobenzene	105		76 - 120		11/21/25 07:56	2
Dibromofluoromethane (Surr)	95		77 - 132		11/21/25 07:56	2
Toluene-d8 (Surr)	97		80 - 120		11/21/25 07:56	2

Method: SW846 8270C - Semivolatile Organics (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	1.2	U	5.0	1.2	ug/L		11/14/25 11:11	11/14/25 22:51	1

Eurofins Edison

Client Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Client Sample ID: GW-11222397-111125-ES-004

Lab Sample ID: 460-339305-4

Date Collected: 11/11/25 14:30

Matrix: Water

Date Received: 11/12/25 19:00

Method: SW846 8270C - Semivolatile Organics (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63	ug/L		11/14/25 11:11	11/14/25 22:51	1
2,4,5-Trichlorophenol	0.88	U	10	0.88	ug/L		11/14/25 11:11	11/14/25 22:51	1
2,4,6-Trichlorophenol	0.86	U	3.0	0.86	ug/L		11/14/25 11:11	11/14/25 22:51	1
2,4-Dichlorophenol	1.1	U	10	1.1	ug/L		11/14/25 11:11	11/14/25 22:51	1
2,4-Dimethylphenol	0.62	U	10	0.62	ug/L		11/14/25 11:11	11/14/25 22:51	1
2,4-Dinitrophenol	11	U	12	11	ug/L		11/14/25 11:11	11/14/25 22:51	1
2,4-Dinitrotoluene	1.0	U	10	1.0	ug/L		11/14/25 11:11	11/14/25 22:51	1
2,6-Dinitrotoluene	0.83	U	2.0	0.83	ug/L		11/14/25 11:11	11/14/25 22:51	1
2-Chloronaphthalene	1.2	U	10	1.2	ug/L		11/14/25 11:11	11/14/25 22:51	1
2-Chlorophenol	0.95	U	10	0.95	ug/L		11/14/25 11:11	11/14/25 22:51	1
2-Methylnaphthalene	11		10	0.53	ug/L		11/14/25 11:11	11/14/25 22:51	1
2-Methylphenol	0.67	U	10	0.67	ug/L		11/14/25 11:11	11/14/25 22:51	1
2-Nitroaniline	1.2	U	10	1.2	ug/L		11/14/25 11:11	11/14/25 22:51	1
2-Nitrophenol	0.75	U	10	0.75	ug/L		11/14/25 11:11	11/14/25 22:51	1
3,3'-Dichlorobenzidine	1.4	U	5.2	1.4	ug/L		11/14/25 11:11	11/14/25 22:51	1
3-Nitroaniline	1.9	U	10	1.9	ug/L		11/14/25 11:11	11/14/25 22:51	1
4,6-Dinitro-2-methylphenol	8.6	U	20	8.6	ug/L		11/14/25 11:11	11/14/25 22:51	1
4-Bromophenyl phenyl ether	0.75	U	10	0.75	ug/L		11/14/25 11:11	11/14/25 22:51	1
4-Chloro-3-methylphenol	1.3	U	10	1.3	ug/L		11/14/25 11:11	11/14/25 22:51	1
4-Chlorophenyl phenyl ether	1.3	U	10	1.3	ug/L		11/14/25 11:11	11/14/25 22:51	1
4-Methylphenol	0.65	U	10	0.65	ug/L		11/14/25 11:11	11/14/25 22:51	1
4-Nitroaniline	1.2	U	10	1.2	ug/L		11/14/25 11:11	11/14/25 22:51	1
4-Nitrophenol	4.0	U	20	4.0	ug/L		11/14/25 11:11	11/14/25 22:51	1
Acenaphthene	1.1	U	10	1.1	ug/L		11/14/25 11:11	11/14/25 22:51	1
Acenaphthylene	0.82	U	10	0.82	ug/L		11/14/25 11:11	11/14/25 22:51	1
Acetophenone	9.9	J	10	2.3	ug/L		11/14/25 11:11	11/14/25 22:51	1
Anthracene	1.3	U	10	1.3	ug/L		11/14/25 11:11	11/14/25 22:51	1
Atrazine	1.3	U	2.0	1.3	ug/L		11/14/25 11:11	11/14/25 22:51	1
Benzaldehyde	2.1	U	10	2.1	ug/L		11/14/25 11:11	11/14/25 22:51	1
Benzo[a]anthracene	0.59	U	1.0	0.59	ug/L		11/14/25 11:11	11/14/25 22:51	1
Benzo[a]pyrene	0.41	U	1.0	0.41	ug/L		11/14/25 11:11	11/14/25 22:51	1
Benzo[b]fluoranthene	0.68	U	2.0	0.68	ug/L		11/14/25 11:11	11/14/25 22:51	1
Benzo[g,h,i]perylene	0.70	U	10	0.70	ug/L		11/14/25 11:11	11/14/25 22:51	1
Benzo[k]fluoranthene	0.67	U	1.0	0.67	ug/L		11/14/25 11:11	11/14/25 22:51	1
Bis(2-chloroethoxy)methane	0.59	U	10	0.59	ug/L		11/14/25 11:11	11/14/25 22:51	1
Bis(2-chloroethyl)ether	0.63	U	1.0	0.63	ug/L		11/14/25 11:11	11/14/25 22:51	1
Bis(2-ethylhexyl) phthalate	0.80	U	2.0	0.80	ug/L		11/14/25 11:11	11/14/25 22:51	1
Butyl benzyl phthalate	0.85	U	10	0.85	ug/L		11/14/25 11:11	11/14/25 22:51	1
Caprolactam	2.2	U	10	2.2	ug/L		11/14/25 11:11	11/14/25 22:51	1
Carbazole	0.68	U	10	0.68	ug/L		11/14/25 11:11	11/14/25 22:51	1
Chrysene	0.91	U	2.0	0.91	ug/L		11/14/25 11:11	11/14/25 22:51	1
Dibenz(a,h)anthracene	0.72	U	1.0	0.72	ug/L		11/14/25 11:11	11/14/25 22:51	1
Dibenzofuran	1.1	U	10	1.1	ug/L		11/14/25 11:11	11/14/25 22:51	1
Diethyl phthalate	0.98	U	10	0.98	ug/L		11/14/25 11:11	11/14/25 22:51	1
Dimethyl phthalate	0.77	U	10	0.77	ug/L		11/14/25 11:11	11/14/25 22:51	1
Di-n-butyl phthalate	0.84	U	10	0.84	ug/L		11/14/25 11:11	11/14/25 22:51	1
Di-n-octyl phthalate	4.0	U	10	4.0	ug/L		11/14/25 11:11	11/14/25 22:51	1
Fluoranthene	0.84	U	10	0.84	ug/L		11/14/25 11:11	11/14/25 22:51	1
Fluorene	0.91	U	10	0.91	ug/L		11/14/25 11:11	11/14/25 22:51	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Client Sample ID: GW-11222397-111125-ES-004

Lab Sample ID: 460-339305-4

Date Collected: 11/11/25 14:30

Matrix: Water

Date Received: 11/12/25 19:00

Method: SW846 8270C - Semivolatile Organics (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	0.40	U	1.0	0.40	ug/L		11/14/25 11:11	11/14/25 22:51	1
Hexachlorobutadiene	0.78	U	1.0	0.78	ug/L		11/14/25 11:11	11/14/25 22:51	1
Hexachlorocyclopentadiene	3.6	U	10	3.6	ug/L		11/14/25 11:11	11/14/25 22:51	1
Hexachloroethane	0.31	U	0.80	0.31	ug/L		11/14/25 11:11	11/14/25 22:51	1
Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94	ug/L		11/14/25 11:11	11/14/25 22:51	1
Isophorone	0.80	U	10	0.80	ug/L		11/14/25 11:11	11/14/25 22:51	1
Naphthalene	62		2.0	0.54	ug/L		11/14/25 11:11	11/14/25 22:51	1
Nitrobenzene	0.57	U	1.0	0.57	ug/L		11/14/25 11:11	11/14/25 22:51	1
N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43	ug/L		11/14/25 11:11	11/14/25 22:51	1
N-Nitrosodiphenylamine	0.89	U	10	0.89	ug/L		11/14/25 11:11	11/14/25 22:51	1
Pentachlorophenol	6.6	U	20	6.6	ug/L		11/14/25 11:11	11/14/25 22:51	1
Phenanthrene	1.3	U	10	1.3	ug/L		11/14/25 11:11	11/14/25 22:51	1
Phenol	0.29	U	10	0.29	ug/L		11/14/25 11:11	11/14/25 22:51	1
Pyrene	1.6	U	10	1.6	ug/L		11/14/25 11:11	11/14/25 22:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	56		24 - 150	11/14/25 11:11	11/14/25 22:51	1
2-Fluorobiphenyl	62		38 - 139	11/14/25 11:11	11/14/25 22:51	1
2-Fluorophenol (Surr)	37		10 - 90	11/14/25 11:11	11/14/25 22:51	1
Nitrobenzene-d5 (Surr)	72		39 - 145	11/14/25 11:11	11/14/25 22:51	1
Phenol-d5 (Surr)	33		10 - 68	11/14/25 11:11	11/14/25 22:51	1
Terphenyl-d14 (Surr)	52		10 - 133	11/14/25 11:11	11/14/25 22:51	1

Surrogate Summary

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Method: 8260D - Volatile Organics (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (70-128)	BFB (76-120)	DBFM (77-132)	TOL (80-120)
460-339305-1	GW-11222397-111125-ES-001	98	101	96	98
460-339305-1 MS	GW-11222397-111125-ES-001	100	102	98	98
460-339305-1 MSD	GW-11222397-111125-ES-001	98	105	98	98
460-339305-3	GW-11222397-111125-ES-003	106	105	99	99
460-339305-4	GW-11222397-111125-ES-004	94	105	95	97
LCS 460-1075997/4	Lab Control Sample	98	103	99	101
LCS 460-1076084/3	Lab Control Sample	99	102	101	101
LCSD 460-1075997/5	Lab Control Sample Dup	98	103	99	101
LCSD 460-1076084/4	Lab Control Sample Dup	98	99	100	101
MB 460-1075997/8	Method Blank	98	98	101	102
MB 460-1076084/8	Method Blank	102	101	102	101

Surrogate Legend

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

Method: 8270C - Semivolatile Organics (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (24-150)	FBP (38-139)	2FP (10-90)	NBZ (39-145)	PHL (10-68)	TPHL (10-133)
460-339305-1	GW-11222397-111125-ES-001	59	69	56	87	42	46
460-339305-1 MS	GW-11222397-111125-ES-001	55	69	38	82	24	41
460-339305-1 MSD	GW-11222397-111125-ES-001	51	62	37	74	25	36
460-339305-2	RB-11222397-111125-ES-002	58	65	52	85	36	44
460-339305-3	GW-11222397-111125-ES-003	51	62	33	75	28	39
460-339305-4	GW-11222397-111125-ES-004	56	62	37	72	33	52
LCS 460-1074655/2-A	Lab Control Sample	57	71	49	81	34	56
LCSD 460-1074655/3-A	Lab Control Sample Dup	58	71	49	82	35	55
MB 460-1074655/1-A	Method Blank	48	58	40	74	28	55

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

QC Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Method: 8260D - Volatile Organics (GC/MS)

Lab Sample ID: MB 460-1075997/8

Matrix: Water

Analysis Batch: 1075997

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			11/21/25 02:02	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			11/21/25 02:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			11/21/25 02:02	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			11/21/25 02:02	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/21/25 02:02	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/21/25 02:02	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/21/25 02:02	1
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			11/21/25 02:02	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/21/25 02:02	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/21/25 02:02	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/21/25 02:02	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			11/21/25 02:02	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			11/21/25 02:02	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/21/25 02:02	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/21/25 02:02	1
2-Butanone (MEK)	3.9	U	5.0	3.9	ug/L			11/21/25 02:02	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/21/25 02:02	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			11/21/25 02:02	1
Acetone	4.4	U	5.0	4.4	ug/L			11/21/25 02:02	1
Benzene	0.070	U	0.45	0.070	ug/L			11/21/25 02:02	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			11/21/25 02:02	1
Bromoform	0.54	U	1.0	0.54	ug/L			11/21/25 02:02	1
Bromomethane	0.55	U	1.0	0.55	ug/L			11/21/25 02:02	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			11/21/25 02:02	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/21/25 02:02	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/21/25 02:02	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/21/25 02:02	1
Chloroform	0.33	U	1.0	0.33	ug/L			11/21/25 02:02	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/21/25 02:02	1
cis-1,2-Dichloroethene	0.48	U	1.0	0.48	ug/L			11/21/25 02:02	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			11/21/25 02:02	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			11/21/25 02:02	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			11/21/25 02:02	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/21/25 02:02	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			11/21/25 02:02	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			11/21/25 02:02	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			11/21/25 02:02	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			11/21/25 02:02	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			11/21/25 02:02	1
Methylene Chloride	0.65	U	1.0	0.65	ug/L			11/21/25 02:02	1
Styrene	0.42	U	1.0	0.42	ug/L			11/21/25 02:02	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			11/21/25 02:02	1
Toluene	0.38	U	1.0	0.38	ug/L			11/21/25 02:02	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			11/21/25 02:02	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			11/21/25 02:02	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			11/21/25 02:02	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			11/21/25 02:02	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			11/21/25 02:02	1

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QC Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Method: 8260D - Volatile Organics (GC/MS) (Continued)

Lab Sample ID: MB 460-1075997/8

Matrix: Water

Analysis Batch: 1075997

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	0.65	U	2.0	0.65	ug/L			11/21/25 02:02	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		11/21/25 02:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		70 - 128		11/21/25 02:02	1
4-Bromofluorobenzene	98		76 - 120		11/21/25 02:02	1
Dibromofluoromethane (Surr)	101		77 - 132		11/21/25 02:02	1
Toluene-d8 (Surr)	102		80 - 120		11/21/25 02:02	1

Lab Sample ID: LCS 460-1075997/4

Matrix: Water

Analysis Batch: 1075997

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	21.1		ug/L		105	72 - 128
1,1,2,2-Tetrachloroethane	20.0	19.6		ug/L		98	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.6		ug/L		103	65 - 142
1,1,2-Trichloroethane	20.0	19.1		ug/L		96	74 - 125
1,1-Dichloroethane	20.0	20.1		ug/L		101	73 - 130
1,1-Dichloroethene	20.0	20.8		ug/L		104	68 - 133
1,2,4-Trichlorobenzene	20.0	20.1		ug/L		100	67 - 132
1,2,4-Trimethylbenzene	20.0	20.6		ug/L		103	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	17.0		ug/L		85	58 - 132
1,2-Dibromoethane	20.0	20.3		ug/L		102	79 - 126
1,2-Dichlorobenzene	20.0	20.0		ug/L		100	80 - 120
1,2-Dichloroethane	20.0	20.2		ug/L		101	66 - 129
1,2-Dichloropropane	20.0	19.9		ug/L		99	72 - 128
1,3-Dichlorobenzene	20.0	20.5		ug/L		103	80 - 120
1,4-Dichlorobenzene	20.0	20.0		ug/L		100	80 - 120
2-Butanone (MEK)	100	97.6		ug/L		98	65 - 142
2-Hexanone	100	96.1		ug/L		96	72 - 134
4-Methyl-2-pentanone (MIBK)	100	99.2		ug/L		99	77 - 130
Acetone	100	124		ug/L		124	60 - 133
Benzene	20.0	20.8		ug/L		104	71 - 126
Dichlorobromomethane	20.0	20.0		ug/L		100	76 - 121
Bromoform	20.0	19.8		ug/L		99	58 - 128
Bromomethane	20.0	22.3		ug/L		112	33 - 150
Carbon disulfide	20.0	20.5		ug/L		103	35 - 150
Carbon tetrachloride	20.0	21.1		ug/L		105	65 - 131
Chlorobenzene	20.0	20.9		ug/L		104	80 - 120
Chloroethane	20.0	20.6		ug/L		103	54 - 150
Chloroform	20.0	20.7		ug/L		104	78 - 125
Chloromethane	20.0	20.0		ug/L		100	43 - 149
cis-1,2-Dichloroethene	20.0	21.2		ug/L		106	78 - 121
cis-1,3-Dichloropropene	20.0	20.8		ug/L		104	74 - 125

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QC Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Method: 8260D - Volatile Organics (GC/MS) (Continued)

Lab Sample ID: LCS 460-1075997/4

Matrix: Water

Analysis Batch: 1075997

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyclohexane	20.0	21.1		ug/L		106	64 - 142
Chlorodibromomethane	20.0	20.7		ug/L		104	73 - 121
Dichlorodifluoromethane	20.0	19.9		ug/L		99	38 - 144
Ethylbenzene	20.0	21.3		ug/L		106	78 - 120
Isopropylbenzene	20.0	21.0		ug/L		105	79 - 125
Methyl acetate	40.0	41.5		ug/L		104	50 - 147
Methyl tert-butyl ether	20.0	19.1		ug/L		95	72 - 131
Methylcyclohexane	20.0	20.3		ug/L		102	63 - 138
Methylene Chloride	20.0	19.9		ug/L		99	74 - 127
Styrene	20.0	20.2		ug/L		101	82 - 127
Tetrachloroethene	20.0	20.7		ug/L		104	70 - 127
Toluene	20.0	21.3		ug/L		107	78 - 120
trans-1,2-Dichloroethene	20.0	20.2		ug/L		101	70 - 126
trans-1,3-Dichloropropene	20.0	18.9		ug/L		94	71 - 127
Trichloroethene	20.0	20.1		ug/L		100	73 - 121
Trichlorofluoromethane	20.0	20.5		ug/L		102	62 - 134
Vinyl chloride	20.0	20.5		ug/L		102	55 - 144
Xylenes, Total	40.0	41.3		ug/L		103	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 128
4-Bromofluorobenzene	103		76 - 120
Dibromofluoromethane (Surr)	99		77 - 132
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: LCSD 460-1075997/5

Matrix: Water

Analysis Batch: 1075997

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	20.0		ug/L		100	72 - 128	5	30
1,1,2,2-Tetrachloroethane	20.0	19.7		ug/L		98	63 - 139	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.9		ug/L		104	65 - 142	1	30
1,1,2-Trichloroethane	20.0	19.9		ug/L		99	74 - 125	4	30
1,1-Dichloroethane	20.0	20.0		ug/L		100	73 - 130	1	30
1,1-Dichloroethene	20.0	19.1		ug/L		96	68 - 133	8	30
1,2,4-Trichlorobenzene	20.0	20.1		ug/L		101	67 - 132	0	30
1,2,4-Trimethylbenzene	20.0	20.6		ug/L		103	75 - 125	0	30
1,2-Dibromo-3-Chloropropane	20.0	19.7		ug/L		99	58 - 132	15	30
1,2-Dibromoethane	20.0	20.7		ug/L		104	79 - 126	2	30
1,2-Dichlorobenzene	20.0	19.9		ug/L		100	80 - 120	0	30
1,2-Dichloroethane	20.0	20.4		ug/L		102	66 - 129	1	30
1,2-Dichloropropane	20.0	19.9		ug/L		99	72 - 128	0	30
1,3-Dichlorobenzene	20.0	20.4		ug/L		102	80 - 120	1	30
1,4-Dichlorobenzene	20.0	20.4		ug/L		102	80 - 120	2	30
2-Butanone (MEK)	100	100		ug/L		100	65 - 142	3	30
2-Hexanone	100	95.0		ug/L		95	72 - 134	1	30
4-Methyl-2-pentanone (MIBK)	100	97.2		ug/L		97	77 - 130	2	30

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QC Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Method: 8260D - Volatile Organics (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1075997/5

Matrix: Water

Analysis Batch: 1075997

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	100	111		ug/L		111	60 - 133	11	30
Benzene	20.0	20.6		ug/L		103	71 - 126	1	30
Dichlorobromomethane	20.0	19.8		ug/L		99	76 - 121	1	30
Bromoform	20.0	20.4		ug/L		102	58 - 128	3	30
Bromomethane	20.0	20.9		ug/L		105	33 - 150	6	30
Carbon disulfide	20.0	20.0		ug/L		100	35 - 150	2	30
Carbon tetrachloride	20.0	20.5		ug/L		102	65 - 131	3	30
Chlorobenzene	20.0	21.1		ug/L		105	80 - 120	1	30
Chloroethane	20.0	20.1		ug/L		100	54 - 150	2	30
Chloroform	20.0	20.2		ug/L		101	78 - 125	2	30
Chloromethane	20.0	19.5		ug/L		98	43 - 149	3	30
cis-1,2-Dichloroethene	20.0	20.4		ug/L		102	78 - 121	4	30
cis-1,3-Dichloropropene	20.0	20.5		ug/L		102	74 - 125	1	30
Cyclohexane	20.0	21.0		ug/L		105	64 - 142	1	30
Chlorodibromomethane	20.0	21.1		ug/L		105	73 - 121	2	30
Dichlorodifluoromethane	20.0	20.3		ug/L		102	38 - 144	2	30
Ethylbenzene	20.0	20.8		ug/L		104	78 - 120	2	30
Isopropylbenzene	20.0	20.8		ug/L		104	79 - 125	1	30
Methyl acetate	40.0	40.8		ug/L		102	50 - 147	2	30
Methyl tert-butyl ether	20.0	19.8		ug/L		99	72 - 131	4	30
Methylcyclohexane	20.0	21.0		ug/L		105	63 - 138	3	30
Methylene Chloride	20.0	19.2		ug/L		96	74 - 127	3	30
Styrene	20.0	21.0		ug/L		105	82 - 127	4	30
Tetrachloroethene	20.0	20.9		ug/L		105	70 - 127	1	30
Toluene	20.0	21.2		ug/L		106	78 - 120	0	30
trans-1,2-Dichloroethene	20.0	20.3		ug/L		102	70 - 126	1	30
trans-1,3-Dichloropropene	20.0	19.7		ug/L		98	71 - 127	4	30
Trichloroethene	20.0	20.3		ug/L		102	73 - 121	1	30
Trichlorofluoromethane	20.0	20.1		ug/L		100	62 - 134	2	30
Vinyl chloride	20.0	19.8		ug/L		99	55 - 144	3	30
Xylenes, Total	40.0	41.3		ug/L		103	80 - 120	0	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 128
4-Bromofluorobenzene	103		76 - 120
Dibromofluoromethane (Surr)	99		77 - 132
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: 460-339305-1 MS

Matrix: Water

Analysis Batch: 1075997

Client Sample ID: GW-11222397-111125-ES-001

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.24	U	20.0	18.7		ug/L		93	72 - 128
1,1,2,2-Tetrachloroethane	0.085	U	20.0	18.4		ug/L		92	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	20.0	16.9		ug/L		84	65 - 142
1,1,2-Trichloroethane	0.19	U	20.0	17.1		ug/L		85	74 - 125
1,1-Dichloroethane	0.26	U	20.0	17.6		ug/L		88	73 - 130

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QC Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Method: 8260D - Volatile Organics (GC/MS) (Continued)

Lab Sample ID: 460-339305-1 MS

Client Sample ID: GW-11222397-111125-ES-001

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 1075997

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	0.26	U	20.0	17.2		ug/L		86	68 - 133
1,2,4-Trichlorobenzene	0.37	U	20.0	17.8		ug/L		89	67 - 132
1,2,4-Trimethylbenzene	4.3		20.0	23.5		ug/L		96	75 - 125
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	18.2		ug/L		91	58 - 132
1,2-Dibromoethane	0.50	U	20.0	19.4		ug/L		97	79 - 126
1,2-Dichlorobenzene	0.21	U	20.0	18.5		ug/L		92	80 - 120
1,2-Dichloroethane	2.8		20.0	21.6		ug/L		94	66 - 129
1,2-Dichloropropane	0.074	U	20.0	18.7		ug/L		94	72 - 128
1,3-Dichlorobenzene	0.34	U	20.0	18.8		ug/L		94	80 - 120
1,4-Dichlorobenzene	0.33	U	20.0	18.7		ug/L		94	80 - 120
2-Butanone (MEK)	5.1		100	97.9		ug/L		93	65 - 142
2-Hexanone	1.1	U	100	91.8		ug/L		92	72 - 134
4-Methyl-2-pentanone (MIBK)	1.3	U	100	99.3		ug/L		99	77 - 130
Acetone	20		100	124		ug/L		104	60 - 133
Benzene	440		20.0	406	4	ug/L		-186	71 - 126
Dichlorobromomethane	0.15	U	20.0	18.5		ug/L		93	76 - 121
Bromoform	0.54	U	20.0	19.6		ug/L		98	58 - 128
Bromomethane	0.55	U	20.0	15.2		ug/L		76	33 - 150
Carbon disulfide	0.82	U	20.0	18.2		ug/L		91	35 - 150
Carbon tetrachloride	0.21	U	20.0	18.4		ug/L		92	65 - 131
Chlorobenzene	0.38	U	20.0	19.4		ug/L		97	80 - 120
Chloroethane	0.32	U	20.0	19.5		ug/L		98	54 - 150
Chloroform	0.33	U	20.0	19.3		ug/L		97	78 - 125
Chloromethane	0.40	U	20.0	18.9		ug/L		95	43 - 149
cis-1,2-Dichloroethene	0.89	J	20.0	19.3		ug/L		92	78 - 121
cis-1,3-Dichloropropene	0.069	U	20.0	18.3		ug/L		92	74 - 125
Cyclohexane	59	F1	20.0	63.7	F1	ug/L		25	64 - 142
Chlorodibromomethane	0.086	U	20.0	19.7		ug/L		99	73 - 121
Dichlorodifluoromethane	0.31	U	20.0	17.3		ug/L		87	38 - 144
Ethylbenzene	140		20.0	146	4	ug/L		39	78 - 120
Isopropylbenzene	14		20.0	33.1		ug/L		96	79 - 125
Methyl acetate	0.79	U F1	40.0	111	F1	ug/L		277	50 - 147
Methyl tert-butyl ether	0.22	U	20.0	18.5		ug/L		93	72 - 131
Methylcyclohexane	12		20.0	25.2		ug/L		69	63 - 138
Methylene Chloride	0.65	U	20.0	19.7		ug/L		99	74 - 127
Styrene	0.42	U	20.0	19.7		ug/L		98	82 - 127
Tetrachloroethene	0.28	U	20.0	18.7		ug/L		94	70 - 127
Toluene	71	F1	20.0	82.0	F1	ug/L		56	78 - 120
trans-1,2-Dichloroethene	0.24	U	20.0	18.2		ug/L		91	70 - 126
trans-1,3-Dichloropropene	0.12	U	20.0	19.7		ug/L		98	71 - 127
Trichloroethene	0.074	U	20.0	17.3		ug/L		86	73 - 121
Trichlorofluoromethane	0.32	U	20.0	18.5		ug/L		92	62 - 134
Vinyl chloride	0.40	U	20.0	18.8		ug/L		94	55 - 144
Xylenes, Total	43		40.0	79.9		ug/L		92	80 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 128
4-Bromofluorobenzene	102		76 - 120

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QC Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Method: 8260D - Volatile Organics (GC/MS) (Continued)

Lab Sample ID: 460-339305-1 MS

Matrix: Water

Analysis Batch: 1075997

Client Sample ID: GW-11222397-111125-ES-001

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	98		77 - 132
Toluene-d8 (Surr)	98		80 - 120

Lab Sample ID: 460-339305-1 MSD

Matrix: Water

Analysis Batch: 1075997

Client Sample ID: GW-11222397-111125-ES-001

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.24	U	20.0	19.3		ug/L		97	72 - 128	4	30
1,1,2,2-Tetrachloroethane	0.085	U	20.0	18.9		ug/L		95	63 - 139	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	20.0	18.0		ug/L		90	65 - 142	6	30
1,1,2-Trichloroethane	0.19	U	20.0	18.9		ug/L		94	74 - 125	10	30
1,1-Dichloroethane	0.26	U	20.0	19.2		ug/L		96	73 - 130	8	30
1,1-Dichloroethene	0.26	U	20.0	19.1		ug/L		96	68 - 133	11	30
1,2,4-Trichlorobenzene	0.37	U	20.0	18.8		ug/L		94	67 - 132	6	30
1,2,4-Trimethylbenzene	4.3		20.0	24.6		ug/L		101	75 - 125	4	30
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	18.4		ug/L		92	58 - 132	1	30
1,2-Dibromoethane	0.50	U	20.0	19.7		ug/L		98	79 - 126	1	30
1,2-Dichlorobenzene	0.21	U	20.0	19.2		ug/L		96	80 - 120	4	30
1,2-Dichloroethane	2.8		20.0	21.9		ug/L		96	66 - 129	2	30
1,2-Dichloropropane	0.074	U	20.0	19.2		ug/L		96	72 - 128	3	30
1,3-Dichlorobenzene	0.34	U	20.0	19.4		ug/L		97	80 - 120	3	30
1,4-Dichlorobenzene	0.33	U	20.0	19.6		ug/L		98	80 - 120	5	30
2-Butanone (MEK)	5.1		100	100		ug/L		95	65 - 142	2	30
2-Hexanone	1.1	U	100	99.0		ug/L		99	72 - 134	8	30
4-Methyl-2-pentanone (MIBK)	1.3	U	100	102		ug/L		102	77 - 130	3	30
Acetone	20		100	124		ug/L		104	60 - 133	0	30
Benzene	440		20.0	410	4	ug/L		-163	71 - 126	1	30
Dichlorobromomethane	0.15	U	20.0	19.3		ug/L		97	76 - 121	4	30
Bromoform	0.54	U	20.0	19.5		ug/L		98	58 - 128	1	30
Bromomethane	0.55	U	20.0	17.3		ug/L		86	33 - 150	13	30
Carbon disulfide	0.82	U	20.0	18.9		ug/L		94	35 - 150	4	30
Carbon tetrachloride	0.21	U	20.0	19.7		ug/L		99	65 - 131	7	30
Chlorobenzene	0.38	U	20.0	20.1		ug/L		101	80 - 120	4	30
Chloroethane	0.32	U	20.0	18.0		ug/L		90	54 - 150	8	30
Chloroform	0.33	U	20.0	19.9		ug/L		99	78 - 125	3	30
Chloromethane	0.40	U	20.0	19.3		ug/L		97	43 - 149	2	30
cis-1,2-Dichloroethene	0.89	J	20.0	20.7		ug/L		99	78 - 121	7	30
cis-1,3-Dichloropropene	0.069	U	20.0	19.4		ug/L		97	74 - 125	6	30
Cyclohexane	59	F1	20.0	66.3	F1	ug/L		38	64 - 142	4	30
Chlorodibromomethane	0.086	U	20.0	20.3		ug/L		101	73 - 121	3	30
Dichlorodifluoromethane	0.31	U	20.0	17.9		ug/L		90	38 - 144	3	30
Ethylbenzene	140		20.0	150	4	ug/L		59	78 - 120	3	30
Isopropylbenzene	14		20.0	34.0		ug/L		100	79 - 125	3	30
Methyl acetate	0.79	U F1	40.0	118	F1	ug/L		294	50 - 147	6	30
Methyl tert-butyl ether	0.22	U	20.0	19.2		ug/L		96	72 - 131	4	30
Methylcyclohexane	12		20.0	27.4		ug/L		79	63 - 138	8	30
Methylene Chloride	0.65	U	20.0	22.2		ug/L		111	74 - 127	12	30

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QC Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Method: 8260D - Volatile Organics (GC/MS) (Continued)

Lab Sample ID: 460-339305-1 MSD

Matrix: Water

Analysis Batch: 1075997

Client Sample ID: GW-11222397-111125-ES-001

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene	0.42	U	20.0	20.4		ug/L		102	82 - 127	3	30
Tetrachloroethene	0.28	U	20.0	19.7		ug/L		99	70 - 127	5	30
Toluene	71	F1	20.0	84.9	F1	ug/L		70	78 - 120	3	30
trans-1,2-Dichloroethene	0.24	U	20.0	19.2		ug/L		96	70 - 126	5	30
trans-1,3-Dichloropropene	0.12	U	20.0	20.7		ug/L		103	71 - 127	5	30
Trichloroethene	0.074	U	20.0	19.2		ug/L		96	73 - 121	11	30
Trichlorofluoromethane	0.32	U	20.0	18.9		ug/L		94	62 - 134	2	30
Vinyl chloride	0.40	U	20.0	19.1		ug/L		96	55 - 144	2	30
Xylenes, Total	43		40.0	80.9		ug/L		95	80 - 120	1	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 128
4-Bromofluorobenzene	105		76 - 120
Dibromofluoromethane (Surr)	98		77 - 132
Toluene-d8 (Surr)	98		80 - 120

Lab Sample ID: MB 460-1076084/8

Matrix: Water

Analysis Batch: 1076084

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			11/21/25 13:30	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			11/21/25 13:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			11/21/25 13:30	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			11/21/25 13:30	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/21/25 13:30	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/21/25 13:30	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/21/25 13:30	1
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			11/21/25 13:30	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/21/25 13:30	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/21/25 13:30	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/21/25 13:30	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			11/21/25 13:30	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			11/21/25 13:30	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/21/25 13:30	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/21/25 13:30	1
2-Butanone (MEK)	3.9	U	5.0	3.9	ug/L			11/21/25 13:30	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/21/25 13:30	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			11/21/25 13:30	1
Acetone	4.4	U	5.0	4.4	ug/L			11/21/25 13:30	1
Benzene	0.070	U	0.45	0.070	ug/L			11/21/25 13:30	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			11/21/25 13:30	1
Bromoform	0.54	U	1.0	0.54	ug/L			11/21/25 13:30	1
Bromomethane	0.55	U	1.0	0.55	ug/L			11/21/25 13:30	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			11/21/25 13:30	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/21/25 13:30	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/21/25 13:30	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/21/25 13:30	1

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QC Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Method: 8260D - Volatile Organics (GC/MS) (Continued)

Lab Sample ID: MB 460-1076084/8

Matrix: Water

Analysis Batch: 1076084

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	0.33	U	1.0	0.33	ug/L			11/21/25 13:30	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/21/25 13:30	1
cis-1,2-Dichloroethene	0.48	U	1.0	0.48	ug/L			11/21/25 13:30	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			11/21/25 13:30	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			11/21/25 13:30	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			11/21/25 13:30	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/21/25 13:30	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			11/21/25 13:30	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			11/21/25 13:30	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			11/21/25 13:30	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			11/21/25 13:30	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			11/21/25 13:30	1
Methylene Chloride	0.65	U	1.0	0.65	ug/L			11/21/25 13:30	1
Styrene	0.42	U	1.0	0.42	ug/L			11/21/25 13:30	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			11/21/25 13:30	1
Toluene	0.38	U	1.0	0.38	ug/L			11/21/25 13:30	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			11/21/25 13:30	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			11/21/25 13:30	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			11/21/25 13:30	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			11/21/25 13:30	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			11/21/25 13:30	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			11/21/25 13:30	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		11/21/25 13:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		70 - 128		11/21/25 13:30	1
4-Bromofluorobenzene	101		76 - 120		11/21/25 13:30	1
Dibromofluoromethane (Surr)	102		77 - 132		11/21/25 13:30	1
Toluene-d8 (Surr)	101		80 - 120		11/21/25 13:30	1

Lab Sample ID: LCS 460-1076084/3

Matrix: Water

Analysis Batch: 1076084

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	19.6		ug/L		98	72 - 128
1,1,2,2-Tetrachloroethane	20.0	20.1		ug/L		101	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.9		ug/L		100	65 - 142
1,1,2-Trichloroethane	20.0	19.8		ug/L		99	74 - 125
1,1-Dichloroethane	20.0	18.9		ug/L		95	73 - 130
1,1-Dichloroethene	20.0	19.8		ug/L		99	68 - 133
1,2,4-Trichlorobenzene	20.0	20.8		ug/L		104	67 - 132
1,2,4-Trimethylbenzene	20.0	19.5		ug/L		98	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	22.3		ug/L		112	58 - 132
1,2-Dibromoethane	20.0	19.8		ug/L		99	79 - 126

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QC Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Method: 8260D - Volatile Organics (GC/MS) (Continued)

Lab Sample ID: LCS 460-1076084/3

Matrix: Water

Analysis Batch: 1076084

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichlorobenzene	20.0	19.4		ug/L		97	80 - 120
1,2-Dichloroethane	20.0	20.1		ug/L		101	66 - 129
1,2-Dichloropropane	20.0	19.4		ug/L		97	72 - 128
1,3-Dichlorobenzene	20.0	19.8		ug/L		99	80 - 120
1,4-Dichlorobenzene	20.0	19.3		ug/L		97	80 - 120
2-Butanone (MEK)	100	99.0		ug/L		99	65 - 142
2-Hexanone	100	99.5		ug/L		100	72 - 134
4-Methyl-2-pentanone (MIBK)	100	97.5		ug/L		97	77 - 130
Acetone	100	97.3		ug/L		97	60 - 133
Benzene	20.0	19.9		ug/L		100	71 - 126
Dichlorobromomethane	20.0	19.9		ug/L		99	76 - 121
Bromoform	20.0	20.8		ug/L		104	58 - 128
Bromomethane	20.0	19.2		ug/L		96	33 - 150
Carbon disulfide	20.0	19.5		ug/L		98	35 - 150
Carbon tetrachloride	20.0	18.7		ug/L		94	65 - 131
Chlorobenzene	20.0	19.9		ug/L		100	80 - 120
Chloroethane	20.0	15.5		ug/L		78	54 - 150
Chloroform	20.0	19.8		ug/L		99	78 - 125
Chloromethane	20.0	18.5		ug/L		92	43 - 149
cis-1,2-Dichloroethene	20.0	19.6		ug/L		98	78 - 121
cis-1,3-Dichloropropene	20.0	19.6		ug/L		98	74 - 125
Cyclohexane	20.0	19.2		ug/L		96	64 - 142
Chlorodibromomethane	20.0	19.6		ug/L		98	73 - 121
Dichlorodifluoromethane	20.0	18.4		ug/L		92	38 - 144
Ethylbenzene	20.0	20.6		ug/L		103	78 - 120
Isopropylbenzene	20.0	20.0		ug/L		100	79 - 125
Methyl acetate	40.0	39.7		ug/L		99	50 - 147
Methyl tert-butyl ether	20.0	20.0		ug/L		100	72 - 131
Methylcyclohexane	20.0	19.5		ug/L		98	63 - 138
Methylene Chloride	20.0	19.9		ug/L		99	74 - 127
Styrene	20.0	20.4		ug/L		102	82 - 127
Tetrachloroethene	20.0	20.0		ug/L		100	70 - 127
Toluene	20.0	19.6		ug/L		98	78 - 120
trans-1,2-Dichloroethene	20.0	19.8		ug/L		99	70 - 126
trans-1,3-Dichloropropene	20.0	20.0		ug/L		100	71 - 127
Trichloroethene	20.0	19.3		ug/L		96	73 - 121
Trichlorofluoromethane	20.0	18.0		ug/L		90	62 - 134
Vinyl chloride	20.0	18.9		ug/L		95	55 - 144
Xylenes, Total	40.0	40.2		ug/L		100	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 128
4-Bromofluorobenzene	102		76 - 120
Dibromofluoromethane (Surr)	101		77 - 132
Toluene-d8 (Surr)	101		80 - 120

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QC Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Method: 8260D - Volatile Organics (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1076084/4

Matrix: Water

Analysis Batch: 1076084

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	21.3		ug/L		106	72 - 128	8	30
1,1,2,2-Tetrachloroethane	20.0	20.7		ug/L		103	63 - 139	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.3		ug/L		106	65 - 142	7	30
1,1,2-Trichloroethane	20.0	20.2		ug/L		101	74 - 125	2	30
1,1-Dichloroethane	20.0	20.2		ug/L		101	73 - 130	6	30
1,1-Dichloroethene	20.0	20.5		ug/L		103	68 - 133	4	30
1,2,4-Trichlorobenzene	20.0	21.0		ug/L		105	67 - 132	1	30
1,2,4-Trimethylbenzene	20.0	20.5		ug/L		102	75 - 125	5	30
1,2-Dibromo-3-Chloropropane	20.0	22.1		ug/L		111	58 - 132	1	30
1,2-Dibromoethane	20.0	20.3		ug/L		102	79 - 126	2	30
1,2-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120	6	30
1,2-Dichloroethane	20.0	20.6		ug/L		103	66 - 129	2	30
1,2-Dichloropropane	20.0	20.4		ug/L		102	72 - 128	5	30
1,3-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120	4	30
1,4-Dichlorobenzene	20.0	19.6		ug/L		98	80 - 120	1	30
2-Butanone (MEK)	100	110		ug/L		110	65 - 142	10	30
2-Hexanone	100	101		ug/L		101	72 - 134	2	30
4-Methyl-2-pentanone (MIBK)	100	108		ug/L		108	77 - 130	10	30
Acetone	100	108		ug/L		108	60 - 133	10	30
Benzene	20.0	20.1		ug/L		101	71 - 126	1	30
Dichlorobromomethane	20.0	20.7		ug/L		103	76 - 121	4	30
Bromoform	20.0	20.9		ug/L		104	58 - 128	1	30
Bromomethane	20.0	20.5		ug/L		102	33 - 150	6	30
Carbon disulfide	20.0	20.6		ug/L		103	35 - 150	5	30
Carbon tetrachloride	20.0	20.1		ug/L		101	65 - 131	7	30
Chlorobenzene	20.0	20.9		ug/L		105	80 - 120	5	30
Chloroethane	20.0	17.7		ug/L		89	54 - 150	13	30
Chloroform	20.0	20.9		ug/L		104	78 - 125	5	30
Chloromethane	20.0	19.5		ug/L		97	43 - 149	5	30
cis-1,2-Dichloroethene	20.0	20.6		ug/L		103	78 - 121	5	30
cis-1,3-Dichloropropene	20.0	20.4		ug/L		102	74 - 125	4	30
Cyclohexane	20.0	20.6		ug/L		103	64 - 142	7	30
Chlorodibromomethane	20.0	20.5		ug/L		102	73 - 121	5	30
Dichlorodifluoromethane	20.0	19.4		ug/L		97	38 - 144	5	30
Ethylbenzene	20.0	20.8		ug/L		104	78 - 120	1	30
Isopropylbenzene	20.0	20.4		ug/L		102	79 - 125	2	30
Methyl acetate	40.0	42.2		ug/L		106	50 - 147	6	30
Methyl tert-butyl ether	20.0	20.6		ug/L		103	72 - 131	3	30
Methylcyclohexane	20.0	20.6		ug/L		103	63 - 138	5	30
Methylene Chloride	20.0	21.4		ug/L		107	74 - 127	7	30
Styrene	20.0	20.3		ug/L		102	82 - 127	1	30
Tetrachloroethene	20.0	20.5		ug/L		103	70 - 127	3	30
Toluene	20.0	20.6		ug/L		103	78 - 120	5	30
trans-1,2-Dichloroethene	20.0	20.3		ug/L		101	70 - 126	2	30
trans-1,3-Dichloropropene	20.0	21.0		ug/L		105	71 - 127	5	30
Trichloroethene	20.0	20.2		ug/L		101	73 - 121	5	30
Trichlorofluoromethane	20.0	19.1		ug/L		96	62 - 134	6	30
Vinyl chloride	20.0	19.9		ug/L		99	55 - 144	5	30

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QC Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Method: 8260D - Volatile Organics (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1076084/4

Matrix: Water

Analysis Batch: 1076084

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Xylenes, Total	40.0	41.0		ug/L		102	80 - 120	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 128
4-Bromofluorobenzene	99		76 - 120
Dibromofluoromethane (Surr)	100		77 - 132
Toluene-d8 (Surr)	101		80 - 120

Method: 8270C - Semivolatile Organics (GC/MS)

Lab Sample ID: MB 460-1074655/1-A

Matrix: Water

Analysis Batch: 1074742

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1074655

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	1.2	U	5.0	1.2	ug/L		11/14/25 11:10	11/14/25 19:06	1
2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63	ug/L		11/14/25 11:10	11/14/25 19:06	1
2,4,5-Trichlorophenol	0.88	U	10	0.88	ug/L		11/14/25 11:10	11/14/25 19:06	1
2,4,6-Trichlorophenol	0.86	U	3.0	0.86	ug/L		11/14/25 11:10	11/14/25 19:06	1
2,4-Dichlorophenol	1.1	U	10	1.1	ug/L		11/14/25 11:10	11/14/25 19:06	1
2,4-Dimethylphenol	0.62	U	10	0.62	ug/L		11/14/25 11:10	11/14/25 19:06	1
2,4-Dinitrophenol	11	U	12	11	ug/L		11/14/25 11:10	11/14/25 19:06	1
2,4-Dinitrotoluene	1.0	U	10	1.0	ug/L		11/14/25 11:10	11/14/25 19:06	1
2,6-Dinitrotoluene	0.83	U	2.0	0.83	ug/L		11/14/25 11:10	11/14/25 19:06	1
2-Chloronaphthalene	1.2	U	10	1.2	ug/L		11/14/25 11:10	11/14/25 19:06	1
2-Chlorophenol	0.95	U	10	0.95	ug/L		11/14/25 11:10	11/14/25 19:06	1
2-Methylnaphthalene	0.53	U	10	0.53	ug/L		11/14/25 11:10	11/14/25 19:06	1
2-Methylphenol	0.67	U	10	0.67	ug/L		11/14/25 11:10	11/14/25 19:06	1
2-Nitroaniline	1.2	U	10	1.2	ug/L		11/14/25 11:10	11/14/25 19:06	1
2-Nitrophenol	0.75	U	10	0.75	ug/L		11/14/25 11:10	11/14/25 19:06	1
3,3'-Dichlorobenzidine	1.4	U	5.2	1.4	ug/L		11/14/25 11:10	11/14/25 19:06	1
3-Nitroaniline	1.9	U	10	1.9	ug/L		11/14/25 11:10	11/14/25 19:06	1
4,6-Dinitro-2-methylphenol	8.6	U	20	8.6	ug/L		11/14/25 11:10	11/14/25 19:06	1
4-Bromophenyl phenyl ether	0.75	U	10	0.75	ug/L		11/14/25 11:10	11/14/25 19:06	1
4-Chloro-3-methylphenol	1.3	U	10	1.3	ug/L		11/14/25 11:10	11/14/25 19:06	1
4-Chlorophenyl phenyl ether	1.3	U	10	1.3	ug/L		11/14/25 11:10	11/14/25 19:06	1
4-Methylphenol	0.65	U	10	0.65	ug/L		11/14/25 11:10	11/14/25 19:06	1
4-Nitroaniline	1.2	U	10	1.2	ug/L		11/14/25 11:10	11/14/25 19:06	1
4-Nitrophenol	4.0	U	20	4.0	ug/L		11/14/25 11:10	11/14/25 19:06	1
Acenaphthene	1.1	U	10	1.1	ug/L		11/14/25 11:10	11/14/25 19:06	1
Acenaphthylene	0.82	U	10	0.82	ug/L		11/14/25 11:10	11/14/25 19:06	1
Acetophenone	2.3	U	10	2.3	ug/L		11/14/25 11:10	11/14/25 19:06	1
Anthracene	1.3	U	10	1.3	ug/L		11/14/25 11:10	11/14/25 19:06	1
Atrazine	1.3	U	2.0	1.3	ug/L		11/14/25 11:10	11/14/25 19:06	1
Benzaldehyde	2.1	U	10	2.1	ug/L		11/14/25 11:10	11/14/25 19:06	1
Benzo[a]anthracene	0.59	U	1.0	0.59	ug/L		11/14/25 11:10	11/14/25 19:06	1
Benzo[a]pyrene	0.41	U	1.0	0.41	ug/L		11/14/25 11:10	11/14/25 19:06	1
Benzo[b]fluoranthene	0.68	U	2.0	0.68	ug/L		11/14/25 11:10	11/14/25 19:06	1
Benzo[g,h,i]perylene	0.70	U	10	0.70	ug/L		11/14/25 11:10	11/14/25 19:06	1

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QC Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Method: 8270C - Semivolatile Organics (GC/MS) (Continued)

Lab Sample ID: MB 460-1074655/1-A

Matrix: Water

Analysis Batch: 1074742

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1074655

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.67	U	1.0	0.67	ug/L		11/14/25 11:10	11/14/25 19:06	1
Bis(2-chloroethoxy)methane	0.59	U	10	0.59	ug/L		11/14/25 11:10	11/14/25 19:06	1
Bis(2-chloroethyl)ether	0.63	U	1.0	0.63	ug/L		11/14/25 11:10	11/14/25 19:06	1
Bis(2-ethylhexyl) phthalate	0.80	U	2.0	0.80	ug/L		11/14/25 11:10	11/14/25 19:06	1
Butyl benzyl phthalate	0.85	U	10	0.85	ug/L		11/14/25 11:10	11/14/25 19:06	1
Caprolactam	2.2	U	10	2.2	ug/L		11/14/25 11:10	11/14/25 19:06	1
Carbazole	0.68	U	10	0.68	ug/L		11/14/25 11:10	11/14/25 19:06	1
Chrysene	0.91	U	2.0	0.91	ug/L		11/14/25 11:10	11/14/25 19:06	1
Dibenz(a,h)anthracene	0.72	U	1.0	0.72	ug/L		11/14/25 11:10	11/14/25 19:06	1
Dibenzofuran	1.1	U	10	1.1	ug/L		11/14/25 11:10	11/14/25 19:06	1
Diethyl phthalate	0.98	U	10	0.98	ug/L		11/14/25 11:10	11/14/25 19:06	1
Dimethyl phthalate	0.77	U	10	0.77	ug/L		11/14/25 11:10	11/14/25 19:06	1
Di-n-butyl phthalate	0.84	U	10	0.84	ug/L		11/14/25 11:10	11/14/25 19:06	1
Di-n-octyl phthalate	4.0	U	10	4.0	ug/L		11/14/25 11:10	11/14/25 19:06	1
Fluoranthene	0.84	U	10	0.84	ug/L		11/14/25 11:10	11/14/25 19:06	1
Fluorene	0.91	U	10	0.91	ug/L		11/14/25 11:10	11/14/25 19:06	1
Hexachlorobenzene	0.40	U	1.0	0.40	ug/L		11/14/25 11:10	11/14/25 19:06	1
Hexachlorobutadiene	0.78	U	1.0	0.78	ug/L		11/14/25 11:10	11/14/25 19:06	1
Hexachlorocyclopentadiene	3.6	U	10	3.6	ug/L		11/14/25 11:10	11/14/25 19:06	1
Hexachloroethane	0.31	U	0.80	0.31	ug/L		11/14/25 11:10	11/14/25 19:06	1
Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94	ug/L		11/14/25 11:10	11/14/25 19:06	1
Isophorone	0.80	U	10	0.80	ug/L		11/14/25 11:10	11/14/25 19:06	1
Naphthalene	0.54	U	2.0	0.54	ug/L		11/14/25 11:10	11/14/25 19:06	1
Nitrobenzene	0.57	U	1.0	0.57	ug/L		11/14/25 11:10	11/14/25 19:06	1
N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43	ug/L		11/14/25 11:10	11/14/25 19:06	1
N-Nitrosodiphenylamine	0.89	U	10	0.89	ug/L		11/14/25 11:10	11/14/25 19:06	1
Pentachlorophenol	6.6	U	20	6.6	ug/L		11/14/25 11:10	11/14/25 19:06	1
Phenanthrene	1.3	U	10	1.3	ug/L		11/14/25 11:10	11/14/25 19:06	1
Phenol	0.29	U	10	0.29	ug/L		11/14/25 11:10	11/14/25 19:06	1
Pyrene	1.6	U	10	1.6	ug/L		11/14/25 11:10	11/14/25 19:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	48		24 - 150	11/14/25 11:10	11/14/25 19:06	1
2-Fluorobiphenyl	58		38 - 139	11/14/25 11:10	11/14/25 19:06	1
2-Fluorophenol (Surr)	40		10 - 90	11/14/25 11:10	11/14/25 19:06	1
Nitrobenzene-d5 (Surr)	74		39 - 145	11/14/25 11:10	11/14/25 19:06	1
Phenol-d5 (Surr)	28		10 - 68	11/14/25 11:10	11/14/25 19:06	1
Terphenyl-d14 (Surr)	55		10 - 133	11/14/25 11:10	11/14/25 19:06	1

Lab Sample ID: LCS 460-1074655/2-A

Matrix: Water

Analysis Batch: 1074742

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1074655

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	80.0	56.2		ug/L		70	56 - 123
2,2'-oxybis[1-chloropropane]	80.0	78.3		ug/L		98	47 - 122
2,4,5-Trichlorophenol	80.0	55.8		ug/L		70	55 - 124
2,4,6-Trichlorophenol	80.0	56.7		ug/L		71	57 - 131

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QC Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Method: 8270C - Semivolatile Organics (GC/MS) (Continued)

Lab Sample ID: LCS 460-1074655/2-A

Matrix: Water

Analysis Batch: 1074742

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1074655

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dichlorophenol	80.0	58.8		ug/L		74	53 - 120
2,4-Dimethylphenol	80.0	58.3		ug/L		73	60 - 136
2,4-Dinitrophenol	160	125		ug/L		78	50 - 148
2,4-Dinitrotoluene	80.0	59.3		ug/L		74	62 - 142
2,6-Dinitrotoluene	80.0	59.1		ug/L		74	62 - 136
2-Chloronaphthalene	80.0	56.3		ug/L		70	54 - 129
2-Chlorophenol	80.0	56.7		ug/L		71	46 - 103
2-Methylnaphthalene	80.0	59.4		ug/L		74	45 - 110
2-Methylphenol	80.0	53.0		ug/L		66	39 - 95
2-Nitroaniline	80.0	68.1		ug/L		85	49 - 134
2-Nitrophenol	80.0	61.2		ug/L		76	54 - 124
3,3'-Dichlorobenzidine	80.0	61.0		ug/L		76	44 - 136
3-Nitroaniline	80.0	41.2		ug/L		51	33 - 120
4,6-Dinitro-2-methylphenol	160	130		ug/L		81	54 - 145
4-Bromophenyl phenyl ether	80.0	56.8		ug/L		71	59 - 132
4-Chloro-3-methylphenol	80.0	58.3		ug/L		73	50 - 120
4-Chlorophenyl phenyl ether	80.0	54.3		ug/L		68	61 - 127
4-Methylphenol	80.0	49.7		ug/L		62	33 - 89
4-Nitroaniline	80.0	58.5		ug/L		73	49 - 135
4-Nitrophenol	160	75.6		ug/L		47	10 - 78
Acenaphthene	80.0	57.9		ug/L		72	58 - 127
Acenaphthylene	80.0	59.6		ug/L		75	63 - 133
Acetophenone	80.0	67.1		ug/L		84	54 - 125
Anthracene	80.0	59.8		ug/L		75	59 - 127
Atrazine	40.0	40.5		ug/L		101	10 - 150
Benzaldehyde	40.0	44.7		ug/L		112	16 - 150
Benzo[a]anthracene	80.0	52.8		ug/L		66	58 - 131
Benzo[a]pyrene	80.0	59.1		ug/L		74	63 - 148
Benzo[b]fluoranthene	80.0	58.3		ug/L		73	60 - 140
Benzo[g,h,i]perylene	80.0	55.9		ug/L		70	52 - 150
Benzo[k]fluoranthene	80.0	56.0		ug/L		70	60 - 140
Bis(2-chloroethoxy)methane	80.0	67.0		ug/L		84	57 - 122
Bis(2-chloroethyl)ether	80.0	67.8		ug/L		85	55 - 125
Bis(2-ethylhexyl) phthalate	80.0	74.3		ug/L		93	57 - 144
Butyl benzyl phthalate	80.0	73.3		ug/L		92	55 - 141
Caprolactam	40.0	8.66	J	ug/L		22	10 - 66
Carbazole	80.0	60.6		ug/L		76	58 - 132
Chrysene	80.0	57.1		ug/L		71	57 - 132
Dibenz(a,h)anthracene	80.0	61.2		ug/L		76	53 - 150
Dibenzofuran	80.0	57.4		ug/L		72	59 - 125
Diethyl phthalate	80.0	58.8		ug/L		73	56 - 131
Dimethyl phthalate	80.0	58.2		ug/L		73	60 - 129
Di-n-butyl phthalate	80.0	69.5		ug/L		87	55 - 139
Di-n-octyl phthalate	80.0	77.8		ug/L		97	51 - 150
Fluoranthene	80.0	56.7		ug/L		71	59 - 137
Fluorene	80.0	56.0		ug/L		70	61 - 125
Hexachlorobenzene	80.0	53.9		ug/L		67	62 - 135
Hexachlorobutadiene	80.0	52.8		ug/L		66	16 - 147
Hexachlorocyclopentadiene	80.0	50.4		ug/L		63	27 - 150

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QC Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Method: 8270C - Semivolatile Organics (GC/MS) (Continued)

Lab Sample ID: LCS 460-1074655/2-A

Matrix: Water

Analysis Batch: 1074742

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1074655

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachloroethane	80.0	58.7		ug/L		73	10 - 138
Indeno[1,2,3-cd]pyrene	80.0	60.7		ug/L		76	54 - 150
Isophorone	80.0	67.7		ug/L		85	58 - 128
Naphthalene	80.0	58.9		ug/L		74	45 - 126
Nitrobenzene	80.0	63.2		ug/L		79	58 - 127
N-Nitrosodi-n-propylamine	80.0	70.6		ug/L		88	53 - 133
N-Nitrosodiphenylamine	80.0	60.6		ug/L		76	57 - 128
Pentachlorophenol	160	119		ug/L		75	54 - 140
Phenanthrene	80.0	58.8		ug/L		73	58 - 126
Phenol	80.0	30.0		ug/L		37	13 - 58
Pyrene	80.0	59.4		ug/L		74	53 - 137

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	57		24 - 150
2-Fluorobiphenyl	71		38 - 139
2-Fluorophenol (Surr)	49		10 - 90
Nitrobenzene-d5 (Surr)	81		39 - 145
Phenol-d5 (Surr)	34		10 - 68
Terphenyl-d14 (Surr)	56		10 - 133

Lab Sample ID: LCSD 460-1074655/3-A

Matrix: Water

Analysis Batch: 1074742

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1074655

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	80.0	57.3		ug/L		72	56 - 123	2	30
2,2'-oxybis[1-chloropropane]	80.0	77.6		ug/L		97	47 - 122	1	30
2,4,5-Trichlorophenol	80.0	56.1		ug/L		70	55 - 124	0	30
2,4,6-Trichlorophenol	80.0	57.2		ug/L		71	57 - 131	1	30
2,4-Dichlorophenol	80.0	59.1		ug/L		74	53 - 120	1	30
2,4-Dimethylphenol	80.0	58.4		ug/L		73	60 - 136	0	30
2,4-Dinitrophenol	160	128		ug/L		80	50 - 148	2	30
2,4-Dinitrotoluene	80.0	59.7		ug/L		75	62 - 142	1	30
2,6-Dinitrotoluene	80.0	59.0		ug/L		74	62 - 136	0	30
2-Chloronaphthalene	80.0	56.8		ug/L		71	54 - 129	1	30
2-Chlorophenol	80.0	57.3		ug/L		72	46 - 103	1	30
2-Methylnaphthalene	80.0	59.8		ug/L		75	45 - 110	1	30
2-Methylphenol	80.0	53.3		ug/L		67	39 - 95	0	30
2-Nitroaniline	80.0	69.2		ug/L		87	49 - 134	2	30
2-Nitrophenol	80.0	60.4		ug/L		76	54 - 124	1	30
3,3'-Dichlorobenzidine	80.0	60.8		ug/L		76	44 - 136	0	30
3-Nitroaniline	80.0	42.1		ug/L		53	33 - 120	2	30
4,6-Dinitro-2-methylphenol	160	131		ug/L		82	54 - 145	1	30
4-Bromophenyl phenyl ether	80.0	56.3		ug/L		70	59 - 132	1	30
4-Chloro-3-methylphenol	80.0	58.3		ug/L		73	50 - 120	0	30
4-Chlorophenyl phenyl ether	80.0	54.6		ug/L		68	61 - 127	1	30
4-Methylphenol	80.0	50.1		ug/L		63	33 - 89	1	30
4-Nitroaniline	80.0	59.6		ug/L		74	49 - 135	2	30

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QC Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Method: 8270C - Semivolatile Organics (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1074655/3-A

Matrix: Water

Analysis Batch: 1074742

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1074655

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Nitrophenol	160	78.5		ug/L		49	10 - 78	4	30
Acenaphthene	80.0	57.7		ug/L		72	58 - 127	0	30
Acenaphthylene	80.0	60.0		ug/L		75	63 - 133	1	30
Acetophenone	80.0	67.2		ug/L		84	54 - 125	0	30
Anthracene	80.0	59.1		ug/L		74	59 - 127	1	30
Atrazine	40.0	40.5		ug/L		101	10 - 150	0	30
Benzaldehyde	40.0	44.8		ug/L		112	16 - 150	0	30
Benzo[a]anthracene	80.0	52.5		ug/L		66	58 - 131	1	30
Benzo[a]pyrene	80.0	58.6		ug/L		73	63 - 148	1	30
Benzo[b]fluoranthene	80.0	58.1		ug/L		73	60 - 140	0	30
Benzo[g,h,i]perylene	80.0	55.1		ug/L		69	52 - 150	1	30
Benzo[k]fluoranthene	80.0	55.6		ug/L		70	60 - 140	1	30
Bis(2-chloroethoxy)methane	80.0	67.1		ug/L		84	57 - 122	0	30
Bis(2-chloroethyl)ether	80.0	67.6		ug/L		85	55 - 125	0	30
Bis(2-ethylhexyl) phthalate	80.0	75.7		ug/L		95	57 - 144	2	30
Butyl benzyl phthalate	80.0	74.7		ug/L		93	55 - 141	2	30
Caprolactam	40.0	8.98	J	ug/L		22	10 - 66	4	30
Carbazole	80.0	60.8		ug/L		76	58 - 132	0	30
Chrysene	80.0	57.2		ug/L		71	57 - 132	0	30
Dibenz(a,h)anthracene	80.0	59.8		ug/L		75	53 - 150	2	30
Dibenzofuran	80.0	57.2		ug/L		71	59 - 125	0	30
Diethyl phthalate	80.0	59.3		ug/L		74	56 - 131	1	30
Dimethyl phthalate	80.0	58.9		ug/L		74	60 - 129	1	30
Di-n-butyl phthalate	80.0	69.8		ug/L		87	55 - 139	0	30
Di-n-octyl phthalate	80.0	77.0		ug/L		96	51 - 150	1	30
Fluoranthene	80.0	57.0		ug/L		71	59 - 137	1	30
Fluorene	80.0	55.7		ug/L		70	61 - 125	0	30
Hexachlorobenzene	80.0	53.6		ug/L		67	62 - 135	1	30
Hexachlorobutadiene	80.0	52.5		ug/L		66	16 - 147	1	30
Hexachlorocyclopentadiene	80.0	49.8		ug/L		62	27 - 150	1	30
Hexachloroethane	80.0	58.7		ug/L		73	10 - 138	0	30
Indeno[1,2,3-cd]pyrene	80.0	59.9		ug/L		75	54 - 150	1	30
Isophorone	80.0	68.1		ug/L		85	58 - 128	1	30
Naphthalene	80.0	59.1		ug/L		74	45 - 126	0	30
Nitrobenzene	80.0	63.6		ug/L		79	58 - 127	1	30
N-Nitrosodi-n-propylamine	80.0	71.9		ug/L		90	53 - 133	2	30
N-Nitrosodiphenylamine	80.0	61.0		ug/L		76	57 - 128	1	30
Pentachlorophenol	160	119		ug/L		75	54 - 140	0	30
Phenanthrene	80.0	59.5		ug/L		74	58 - 126	1	30
Phenol	80.0	30.3		ug/L		38	13 - 58	1	30
Pyrene	80.0	59.9		ug/L		75	53 - 137	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
2,4,6-Tribromophenol (Surr)	58		24 - 150
2-Fluorobiphenyl	71		38 - 139
2-Fluorophenol (Surr)	49		10 - 90
Nitrobenzene-d5 (Surr)	82		39 - 145
Phenol-d5 (Surr)	35		10 - 68

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QC Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Method: 8270C - Semivolatile Organics (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1074655/3-A

Matrix: Water

Analysis Batch: 1074742

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1074655

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Terphenyl-d14 (Surr)	55		10 - 133

Lab Sample ID: 460-339305-1 MS

Matrix: Water

Analysis Batch: 1074742

Client Sample ID: GW-11222397-111125-ES-001

Prep Type: Total/NA

Prep Batch: 1074655

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1.2	U	40.0	37.9		ug/L		95	56 - 123
2,2'-oxybis[1-chloropropane]	0.63	U F1	40.0	54.4	F1	ug/L		136	47 - 122
2,4,5-Trichlorophenol	0.88	U	40.0	35.9		ug/L		90	55 - 124
2,4,6-Trichlorophenol	0.86	U	40.0	36.0		ug/L		90	57 - 131
2,4-Dichlorophenol	1.1	U	40.0	37.9		ug/L		95	53 - 120
2,4-Dimethylphenol	0.62	U	40.0	36.6		ug/L		92	60 - 136
2,4-Dinitrophenol	11	U	80.0	89.0		ug/L		111	50 - 148
2,4-Dinitrotoluene	1.0	U	40.0	40.9		ug/L		102	62 - 142
2,6-Dinitrotoluene	0.83	U	40.0	40.1		ug/L		100	62 - 136
2-Chloronaphthalene	1.2	U	40.0	38.1		ug/L		95	54 - 129
2-Chlorophenol	0.95	U	40.0	36.2		ug/L		90	46 - 103
2-Methylnaphthalene	0.53	U	40.0	40.4		ug/L		101	45 - 110
2-Methylphenol	0.67	U	40.0	32.3		ug/L		81	39 - 95
2-Nitroaniline	1.2	U	40.0	45.7		ug/L		114	49 - 134
2-Nitrophenol	0.75	U	40.0	40.7		ug/L		102	54 - 124
3,3'-Dichlorobenzidine	1.4	U	40.0	22.9		ug/L		57	44 - 136
3-Nitroaniline	1.9	U	40.0	20.6		ug/L		51	33 - 120
4,6-Dinitro-2-methylphenol	8.6	U	80.0	85.3		ug/L		107	54 - 145
4-Bromophenyl phenyl ether	0.75	U	40.0	36.3		ug/L		91	59 - 132
4-Chloro-3-methylphenol	1.3	U	40.0	36.8		ug/L		92	50 - 120
4-Chlorophenyl phenyl ether	1.3	U	40.0	36.0		ug/L		90	61 - 127
4-Methylphenol	0.65	U	40.0	28.9		ug/L		72	33 - 89
4-Nitroaniline	1.2	U	40.0	34.6		ug/L		86	49 - 135
4-Nitrophenol	4.0	U	80.0	37.7		ug/L		47	10 - 78
Acenaphthene	1.1	U	40.0	38.8		ug/L		97	58 - 127
Acenaphthylene	0.82	U	40.0	39.5		ug/L		99	63 - 133
Acetophenone	2.3	U	40.0	48.7		ug/L		122	54 - 125
Anthracene	1.3	U	40.0	38.6		ug/L		96	59 - 127
Atrazine	1.3	U F2	40.0	31.4		ug/L		79	10 - 150
Benzaldehyde	2.1	U F2	40.0	40.6	E	ug/L		101	16 - 150
Benzo[a]anthracene	0.59	U	40.0	34.1		ug/L		85	58 - 131
Benzo[a]pyrene	0.41	U	40.0	38.0		ug/L		95	63 - 148
Benzo[b]fluoranthene	0.68	U	40.0	38.3		ug/L		96	60 - 140
Benzo[g,h,i]perylene	0.70	U	40.0	36.3		ug/L		91	52 - 150
Benzo[k]fluoranthene	0.67	U	40.0	36.2		ug/L		90	60 - 140
Bis(2-chloroethoxy)methane	0.59	U	40.0	44.4		ug/L		111	57 - 122
Bis(2-chloroethyl)ether	0.63	U	40.0	45.7		ug/L		114	55 - 125
Bis(2-ethylhexyl) phthalate	0.80	U	40.0	51.2		ug/L		128	57 - 144
Butyl benzyl phthalate	0.85	U	40.0	48.6		ug/L		121	55 - 141
Caprolactam	2.2	U F2	40.0	8.39	J	ug/L		21	10 - 66
Carbazole	0.68	U	40.0	40.0		ug/L		100	58 - 132

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QC Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Method: 8270C - Semivolatile Organics (GC/MS) (Continued)

Lab Sample ID: 460-339305-1 MS

Matrix: Water

Analysis Batch: 1074742

Client Sample ID: GW-11222397-111125-ES-001

Prep Type: Total/NA

Prep Batch: 1074655

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chrysene	0.91	U	40.0	37.2		ug/L		93	57 - 132
Dibenz(a,h)anthracene	0.72	U	40.0	39.3		ug/L		98	53 - 150
Dibenzofuran	1.1	U	40.0	39.2		ug/L		98	59 - 125
Diethyl phthalate	0.98	U	40.0	39.0		ug/L		98	56 - 131
Dimethyl phthalate	0.77	U	40.0	39.7		ug/L		99	60 - 129
Di-n-butyl phthalate	0.84	U	40.0	46.0		ug/L		115	55 - 139
Di-n-octyl phthalate	4.0	U	40.0	54.6		ug/L		136	51 - 150
Fluoranthene	0.84	U	40.0	36.1		ug/L		90	59 - 137
Fluorene	0.91	U	40.0	37.3		ug/L		93	61 - 125
Hexachlorobenzene	0.40	U	40.0	34.2		ug/L		86	62 - 135
Hexachlorobutadiene	0.78	U	40.0	35.3		ug/L		88	16 - 147
Hexachlorocyclopentadiene	3.6	U	40.0	31.0		ug/L		77	27 - 150
Hexachloroethane	0.31	U	40.0	41.2		ug/L		103	10 - 138
Indeno[1,2,3-cd]pyrene	0.94	U	40.0	39.1		ug/L		98	54 - 150
Isophorone	0.80	U	40.0	45.8		ug/L		114	58 - 128
Naphthalene	12		40.0	52.4		ug/L		102	45 - 126
Nitrobenzene	0.57	U	40.0	44.1		ug/L		110	58 - 127
N-Nitrosodi-n-propylamine	0.43	U	40.0	50.7		ug/L		127	53 - 133
N-Nitrosodiphenylamine	0.89	U	40.0	39.7		ug/L		99	57 - 128
Pentachlorophenol	6.6	U	80.0	74.8		ug/L		93	54 - 140
Phenanthrene	1.3	U	40.0	39.1		ug/L		98	58 - 126
Phenol	0.29	U	40.0	15.6		ug/L		39	13 - 58
Pyrene	1.6	U	40.0	38.4		ug/L		96	53 - 137

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	55		24 - 150
2-Fluorobiphenyl	69		38 - 139
2-Fluorophenol (Surr)	38		10 - 90
Nitrobenzene-d5 (Surr)	82		39 - 145
Phenol-d5 (Surr)	24		10 - 68
Terphenyl-d14 (Surr)	41		10 - 133

Lab Sample ID: 460-339305-1 MSD

Matrix: Water

Analysis Batch: 1074742

Client Sample ID: GW-11222397-111125-ES-001

Prep Type: Total/NA

Prep Batch: 1074655

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	1.2	U	40.0	33.1		ug/L		83	56 - 123	13	30
2,2'-oxybis[1-chloropropane]	0.63	U F1	40.0	47.1		ug/L		118	47 - 122	14	30
2,4,5-Trichlorophenol	0.88	U	40.0	31.1		ug/L		78	55 - 124	15	30
2,4,6-Trichlorophenol	0.86	U	40.0	31.5		ug/L		79	57 - 131	14	30
2,4-Dichlorophenol	1.1	U	40.0	33.2		ug/L		83	53 - 120	13	30
2,4-Dimethylphenol	0.62	U	40.0	32.7		ug/L		82	60 - 136	11	30
2,4-Dinitrophenol	11	U	80.0	77.7		ug/L		97	50 - 148	14	30
2,4-Dinitrotoluene	1.0	U	40.0	35.4		ug/L		89	62 - 142	14	30
2,6-Dinitrotoluene	0.83	U	40.0	35.1		ug/L		88	62 - 136	13	30
2-Chloronaphthalene	1.2	U	40.0	33.6		ug/L		84	54 - 129	13	30
2-Chlorophenol	0.95	U	40.0	32.2		ug/L		80	46 - 103	12	30

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QC Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Method: 8270C - Semivolatile Organics (GC/MS) (Continued)

Lab Sample ID: 460-339305-1 MSD

Matrix: Water

Analysis Batch: 1074742

Client Sample ID: GW-11222397-111125-ES-001

Prep Type: Total/NA

Prep Batch: 1074655

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Methylnaphthalene	0.53	U	40.0	35.5		ug/L		89	45 - 110	13	30
2-Methylphenol	0.67	U	40.0	29.4		ug/L		74	39 - 95	9	30
2-Nitroaniline	1.2	U	40.0	40.4		ug/L		101	49 - 134	12	30
2-Nitrophenol	0.75	U	40.0	35.1		ug/L		88	54 - 124	15	30
3,3'-Dichlorobenzidine	1.4	U	40.0	22.2		ug/L		55	44 - 136	3	30
3-Nitroaniline	1.9	U	40.0	21.0		ug/L		53	33 - 120	2	30
4,6-Dinitro-2-methylphenol	8.6	U	80.0	74.0		ug/L		93	54 - 145	14	30
4-Bromophenyl phenyl ether	0.75	U	40.0	32.5		ug/L		81	59 - 132	11	30
4-Chloro-3-methylphenol	1.3	U	40.0	33.1		ug/L		83	50 - 120	11	30
4-Chlorophenyl phenyl ether	1.3	U	40.0	32.5		ug/L		81	61 - 127	10	30
4-Methylphenol	0.65	U	40.0	27.0		ug/L		67	33 - 89	7	30
4-Nitroaniline	1.2	U	40.0	32.1		ug/L		80	49 - 135	7	30
4-Nitrophenol	4.0	U	80.0	35.7		ug/L		45	10 - 78	6	30
Acenaphthene	1.1	U	40.0	33.8		ug/L		84	58 - 127	14	30
Acenaphthylene	0.82	U	40.0	35.1		ug/L		88	63 - 133	12	30
Acetophenone	2.3	U	40.0	41.2		ug/L		103	54 - 125	17	30
Anthracene	1.3	U	40.0	34.0		ug/L		85	59 - 127	12	30
Atrazine	1.3	U F2	40.0	49.2	F2	ug/L		123	10 - 150	44	30
Benzaldehyde	2.1	U F2	40.0	59.5	E F2	ug/L		149	16 - 150	38	30
Benzo[a]anthracene	0.59	U	40.0	30.5		ug/L		76	58 - 131	11	30
Benzo[a]pyrene	0.41	U	40.0	34.0		ug/L		85	63 - 148	11	30
Benzo[b]fluoranthene	0.68	U	40.0	32.9		ug/L		82	60 - 140	15	30
Benzo[g,h,i]perylene	0.70	U	40.0	31.9		ug/L		80	52 - 150	13	30
Benzo[k]fluoranthene	0.67	U	40.0	31.8		ug/L		80	60 - 140	13	30
Bis(2-chloroethoxy)methane	0.59	U	40.0	38.9		ug/L		97	57 - 122	13	30
Bis(2-chloroethyl)ether	0.63	U	40.0	40.3		ug/L		101	55 - 125	13	30
Bis(2-ethylhexyl) phthalate	0.80	U	40.0	44.8		ug/L		112	57 - 144	13	30
Butyl benzyl phthalate	0.85	U	40.0	43.6		ug/L		109	55 - 141	11	30
Caprolactam	2.2	U F2	40.0	12.6	F2	ug/L		31	10 - 66	40	30
Carbazole	0.68	U	40.0	34.1		ug/L		85	58 - 132	16	30
Chrysene	0.91	U	40.0	32.2		ug/L		80	57 - 132	14	30
Dibenz(a,h)anthracene	0.72	U	40.0	33.9		ug/L		85	53 - 150	15	30
Dibenzofuran	1.1	U	40.0	34.1		ug/L		85	59 - 125	14	30
Diethyl phthalate	0.98	U	40.0	34.3		ug/L		86	56 - 131	13	30
Dimethyl phthalate	0.77	U	40.0	35.1		ug/L		88	60 - 129	12	30
Di-n-butyl phthalate	0.84	U	40.0	40.4		ug/L		101	55 - 139	13	30
Di-n-octyl phthalate	4.0	U	40.0	48.7		ug/L		122	51 - 150	11	30
Fluoranthene	0.84	U	40.0	32.2		ug/L		80	59 - 137	12	30
Fluorene	0.91	U	40.0	33.2		ug/L		83	61 - 125	12	30
Hexachlorobenzene	0.40	U	40.0	30.6		ug/L		76	62 - 135	11	30
Hexachlorobutadiene	0.78	U	40.0	30.2		ug/L		76	16 - 147	16	30
Hexachlorocyclopentadiene	3.6	U	40.0	27.4		ug/L		69	27 - 150	12	30
Hexachloroethane	0.31	U	40.0	35.1		ug/L		88	10 - 138	16	30
Indeno[1,2,3-cd]pyrene	0.94	U	40.0	34.4		ug/L		86	54 - 150	13	30
Isophorone	0.80	U	40.0	40.1		ug/L		100	58 - 128	13	30
Naphthalene	12		40.0	43.4		ug/L		79	45 - 126	19	30
Nitrobenzene	0.57	U	40.0	38.0		ug/L		95	58 - 127	15	30
N-Nitrosodi-n-propylamine	0.43	U	40.0	43.3		ug/L		108	53 - 133	16	30
N-Nitrosodiphenylamine	0.89	U	40.0	35.0		ug/L		87	57 - 128	13	30

Eurofins Edison

QC Sample Results

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Method: 8270C - Semivolatile Organics (GC/MS) (Continued)

Lab Sample ID: 460-339305-1 MSD

Matrix: Water

Analysis Batch: 1074742

Client Sample ID: GW-11222397-111125-ES-001

Prep Type: Total/NA

Prep Batch: 1074655

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pentachlorophenol	6.6	U	80.0	64.4		ug/L		81	54 - 140	15	30
Phenanthrene	1.3	U	40.0	34.3		ug/L		86	58 - 126	13	30
Phenol	0.29	U	40.0	15.5		ug/L		39	13 - 58	1	30
Pyrene	1.6	U	40.0	34.8		ug/L		87	53 - 137	10	30

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
2,4,6-Tribromophenol (Surr)	51		24 - 150
2-Fluorobiphenyl	62		38 - 139
2-Fluorophenol (Surr)	37		10 - 90
Nitrobenzene-d5 (Surr)	74		39 - 145
Phenol-d5 (Surr)	25		10 - 68
Terphenyl-d14 (Surr)	36		10 - 133

QC Association Summary

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

GC/MS VOA

Analysis Batch: 1075997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339305-1	GW-11222397-111125-ES-001	Total/NA	Water	8260D	
460-339305-4	GW-11222397-111125-ES-004	Total/NA	Water	8260D	
MB 460-1075997/8	Method Blank	Total/NA	Water	8260D	
LCS 460-1075997/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1075997/5	Lab Control Sample Dup	Total/NA	Water	8260D	
460-339305-1 MS	GW-11222397-111125-ES-001	Total/NA	Water	8260D	
460-339305-1 MSD	GW-11222397-111125-ES-001	Total/NA	Water	8260D	

Analysis Batch: 1076084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339305-3	GW-11222397-111125-ES-003	Total/NA	Water	8260D	
MB 460-1076084/8	Method Blank	Total/NA	Water	8260D	
LCS 460-1076084/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1076084/4	Lab Control Sample Dup	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 1074655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339305-1	GW-11222397-111125-ES-001	Total/NA	Water	3510C	
460-339305-2	RB-11222397-111125-ES-002	Total/NA	Water	3510C	
460-339305-3	GW-11222397-111125-ES-003	Total/NA	Water	3510C	
460-339305-4	GW-11222397-111125-ES-004	Total/NA	Water	3510C	
MB 460-1074655/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1074655/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1074655/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
460-339305-1 MS	GW-11222397-111125-ES-001	Total/NA	Water	3510C	
460-339305-1 MSD	GW-11222397-111125-ES-001	Total/NA	Water	3510C	

Analysis Batch: 1074742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339305-1	GW-11222397-111125-ES-001	Total/NA	Water	8270C	1074655
460-339305-2	RB-11222397-111125-ES-002	Total/NA	Water	8270C	1074655
460-339305-3	GW-11222397-111125-ES-003	Total/NA	Water	8270C	1074655
460-339305-4	GW-11222397-111125-ES-004	Total/NA	Water	8270C	1074655
MB 460-1074655/1-A	Method Blank	Total/NA	Water	8270C	1074655
LCS 460-1074655/2-A	Lab Control Sample	Total/NA	Water	8270C	1074655
LCSD 460-1074655/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	1074655
460-339305-1 MS	GW-11222397-111125-ES-001	Total/NA	Water	8270C	1074655
460-339305-1 MSD	GW-11222397-111125-ES-001	Total/NA	Water	8270C	1074655

Lab Chronicle

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Client Sample ID: GW-11222397-111125-ES-001

Lab Sample ID: 460-339305-1

Date Collected: 11/11/25 10:45

Matrix: Water

Date Received: 11/12/25 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1075997	KLB	EET EDI	11/21/25 03:43
Total/NA	Prep	3510C			1074655	NMP	EET EDI	11/14/25 11:11
Total/NA	Analysis	8270C		1	1074742	YAH	EET EDI	11/14/25 23:11

Client Sample ID: RB-11222397-111125-ES-002

Lab Sample ID: 460-339305-2

Date Collected: 11/11/25 11:55

Matrix: Water

Date Received: 11/12/25 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			1074655	NMP	EET EDI	11/14/25 11:10
Total/NA	Analysis	8270C		1	1074742	YAH	EET EDI	11/14/25 22:09

Client Sample ID: GW-11222397-111125-ES-003

Lab Sample ID: 460-339305-3

Date Collected: 11/11/25 13:15

Matrix: Water

Date Received: 11/12/25 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		2	1076084	CJM	EET EDI	11/21/25 21:05
Total/NA	Prep	3510C			1074655	NMP	EET EDI	11/14/25 11:11
Total/NA	Analysis	8270C		1	1074742	YAH	EET EDI	11/14/25 22:29

Client Sample ID: GW-11222397-111125-ES-004

Lab Sample ID: 460-339305-4

Date Collected: 11/11/25 14:30

Matrix: Water

Date Received: 11/12/25 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		2	1075997	KLB	EET EDI	11/21/25 07:56
Total/NA	Prep	3510C			1074655	NMP	EET EDI	11/14/25 11:11
Total/NA	Analysis	8270C		1	1074742	YAH	EET EDI	11/14/25 22:51

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	01-03-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	1,1,1-Trichloroethane
8260D		Water	1,1,2,2-Tetrachloroethane
8260D		Water	1,1,2-Trichloro-1,2,2-trifluoroethane
8260D		Water	1,1,2-Trichloroethane
8260D		Water	1,1-Dichloroethane
8260D		Water	1,1-Dichloroethene
8260D		Water	1,2,4-Trichlorobenzene
8260D		Water	1,2,4-Trimethylbenzene
8260D		Water	1,2-Dibromo-3-Chloropropane
8260D		Water	1,2-Dibromoethane
8260D		Water	1,2-Dichlorobenzene
8260D		Water	1,2-Dichloroethane
8260D		Water	1,2-Dichloropropane
8260D		Water	1,3-Dichlorobenzene
8260D		Water	1,4-Dichlorobenzene
8260D		Water	2-Butanone (MEK)
8260D		Water	2-Hexanone
8260D		Water	4-Methyl-2-pentanone (MIBK)
8260D		Water	Acetone
8260D		Water	Benzene
8260D		Water	Bromoform
8260D		Water	Bromomethane
8260D		Water	Carbon disulfide
8260D		Water	Carbon tetrachloride
8260D		Water	Chlorobenzene
8260D		Water	Chlorodibromomethane
8260D		Water	Chloroethane
8260D		Water	Chloroform
8260D		Water	Chloromethane
8260D		Water	cis-1,2-Dichloroethene
8260D		Water	cis-1,3-Dichloropropene
8260D		Water	Cyclohexane
8260D		Water	Dichlorobromomethane
8260D		Water	Dichlorodifluoromethane
8260D		Water	Ethylbenzene
8260D		Water	Isopropylbenzene
8260D		Water	Methyl acetate
8260D		Water	Methyl tert-butyl ether
8260D		Water	Methylcyclohexane
8260D		Water	Methylene Chloride
8260D		Water	Styrene
8260D		Water	Tetrachloroethene
8260D		Water	Toluene
8260D		Water	trans-1,2-Dichloroethene
8260D		Water	trans-1,3-Dichloropropene

Eurofins Edison

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Laboratory: Eurofins Edison (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Trichloroethene
8260D		Water	Trichlorofluoromethane
8260D		Water	Vinyl chloride
8260D		Water	Xylenes, Total
8270C	3510C	Water	1,1'-Biphenyl
8270C	3510C	Water	2,2'-oxybis[1-chloropropane]
8270C	3510C	Water	2,4,5-Trichlorophenol
8270C	3510C	Water	2,4,6-Trichlorophenol
8270C	3510C	Water	2,4-Dichlorophenol
8270C	3510C	Water	2,4-Dimethylphenol
8270C	3510C	Water	2,4-Dinitrophenol
8270C	3510C	Water	2,4-Dinitrotoluene
8270C	3510C	Water	2,6-Dinitrotoluene
8270C	3510C	Water	2-Chloronaphthalene
8270C	3510C	Water	2-Chlorophenol
8270C	3510C	Water	2-Methylnaphthalene
8270C	3510C	Water	2-Methylphenol
8270C	3510C	Water	2-Nitroaniline
8270C	3510C	Water	2-Nitrophenol
8270C	3510C	Water	3,3'-Dichlorobenzidine
8270C	3510C	Water	3-Nitroaniline
8270C	3510C	Water	4,6-Dinitro-2-methylphenol
8270C	3510C	Water	4-Bromophenyl phenyl ether
8270C	3510C	Water	4-Chloro-3-methylphenol
8270C	3510C	Water	4-Chlorophenyl phenyl ether
8270C	3510C	Water	4-Methylphenol
8270C	3510C	Water	4-Nitroaniline
8270C	3510C	Water	4-Nitrophenol
8270C	3510C	Water	Acenaphthene
8270C	3510C	Water	Acenaphthylene
8270C	3510C	Water	Acetophenone
8270C	3510C	Water	Anthracene
8270C	3510C	Water	Atrazine
8270C	3510C	Water	Benzaldehyde
8270C	3510C	Water	Benzo[a]anthracene
8270C	3510C	Water	Benzo[a]pyrene
8270C	3510C	Water	Benzo[b]fluoranthene
8270C	3510C	Water	Benzo[g,h,i]perylene
8270C	3510C	Water	Benzo[k]fluoranthene
8270C	3510C	Water	Bis(2-chloroethoxy)methane
8270C	3510C	Water	Bis(2-chloroethyl)ether
8270C	3510C	Water	Bis(2-ethylhexyl) phthalate
8270C	3510C	Water	Butyl benzyl phthalate
8270C	3510C	Water	Caprolactam
8270C	3510C	Water	Carbazole
8270C	3510C	Water	Chrysene
8270C	3510C	Water	Dibenz(a,h)anthracene

Eurofins Edison

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Laboratory: Eurofins Edison (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8270C	3510C	Water	Dibenzofuran
8270C	3510C	Water	Diethyl phthalate
8270C	3510C	Water	Dimethyl phthalate
8270C	3510C	Water	Di-n-butyl phthalate
8270C	3510C	Water	Di-n-octyl phthalate
8270C	3510C	Water	Fluoranthene
8270C	3510C	Water	Fluorene
8270C	3510C	Water	Hexachlorobenzene
8270C	3510C	Water	Hexachlorobutadiene
8270C	3510C	Water	Hexachlorocyclopentadiene
8270C	3510C	Water	Hexachloroethane
8270C	3510C	Water	Indeno[1,2,3-cd]pyrene
8270C	3510C	Water	Isophorone
8270C	3510C	Water	Naphthalene
8270C	3510C	Water	Nitrobenzene
8270C	3510C	Water	N-Nitrosodi-n-propylamine
8270C	3510C	Water	N-Nitrosodiphenylamine
8270C	3510C	Water	Pentachlorophenol
8270C	3510C	Water	Phenanthrene
8270C	3510C	Water	Phenol
8270C	3510C	Water	Pyrene

Method Summary

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organics (GC/MS)	SW846	EET EDI
8270C	Semivolatile Organics (GC/MS)	SW846	EET EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET EDI
5030B	Purge and Trap	SW846	EET EDI

Protocol References:

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

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: GHD Services Inc.
Project/Site: RACER Wilmington

Job ID: 460-339305-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-339305-1	GW-11222397-111125-ES-001	Water	11/11/25 10:45	11/12/25 19:00	Delaware
460-339305-2	RB-11222397-111125-ES-002	Water	11/11/25 11:55	11/12/25 19:00	Delaware
460-339305-3	GW-11222397-111125-ES-003	Water	11/11/25 13:15	11/12/25 19:00	Delaware
460-339305-4	GW-11222397-111125-ES-004	Water	11/11/25 14:30	11/12/25 19:00	Delaware

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Address.

Regulatory Program						Project Manager: Samantha Sisson		Site Contact:		Date: 11/11/25		COC No.	
Client Contact						Tel/Email		Lab Contact:		Carrier		COCs	
Company Name: GHD												Sampler: EMILY SALVATORE	
Address:												For Lab Use Only:	
City/State/Zip:												Walk-in Client:	
Phone:												Lab Sampling:	
Fax:													
Project Name: RACER WASHINGTON												Job / SDG No: 33928	
Site:													
PO # 11222397													
Sample Identification						Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes.		
GW-11222397-111125-ES-001						11/11/25	10:45	G	WG	15	1		
RB-11222397-111125-ES-002							11:55	-	DI	2	2		
GW-11222397-111125-ES-003							13:15	G	WG	5	3		
BW-11222397-111125-ES-004							14:30	G	WG	5	4		
 460-339305 Chain of Custody													
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other													
Possible Hazard Identification. Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.													
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown						☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months							
Special Instructions/QC Requirements & Comments.													
Custody Seals Intact: ☐ Yes ☒ No						Custody Seal No.			Therm ID No.				
Relinquished by: [Signature]						Received by: [Signature]			Date/Time: 11/11/25 1626				
Relinquished by: [Signature]						Received by: [Signature]			Date/Time: 11/12 1700				
Relinquished by: [Signature]						Received by: [Signature]			Date/Time: 11/12/25 1900				

Eurofins Edison

Receipt Temperature and pH Log

~~Number of Geelers:~~

IR-609-11

Cooler Temperatures

TOTAL S Sample Number	Ammonia	COD	Nitrate Nitrite	Metals *	Hardness	Pest	EPH or QAM	Phenols	Sulfide	TKN	TOC	Total Cyanide	Total Phos	Dioxane	Other
	(pH<2)	(pH<2)	(pH<2)	(pH<2)	(pH<2)	(pH 5-9)	(pH<2)	(pH<2)	(pH>9)	(pH<2)	(pH<2)	(pH>12)	(pH<2)	(pH<4)	

[illegible]

If pH adjustments are required record the information below

Lot # of Preservative(s):

The appropriate Project Manager and Department Manager should be notified about the samples which were not adjusted.

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

EDS-WI-038, Rev 5

9/5/2025

Initials:

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 460-339305-1

Login Number: 339305

List Source: Eurofins Edison

List Number: 1

Creator: Thundathorn, Sukanan 1

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

PREPARED FOR

Attn: Francis Ramacciotti
GHD Services Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, New York 14304

Generated 11/30/2025 12:39:59 PM

JOB DESCRIPTION

11222397- RACER - Wilmington, DE

JOB NUMBER

460-339416-1

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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11/30/2025 12:39:59 PM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

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Definitions/Glossary

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	This flag indicates the presumptive evidence of a compound.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
ES	The analyte response has saturated the instrument detector. The reported concentration is likely to have a low bias and should be considered a minimum possible concentration.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Eurofins Edison

Definitions/Glossary

Client: GHD Services Inc.

Job ID: 460-339416-1

Project/Site: 11222397- RACER - Wilmington, DE

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: GHD Services Inc.
Project: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Job ID: 460-339416-1

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Job Narrative 460-339416-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 11/13/2025 1:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.3°C.

Receipt Exceptions

The following samples are marked on the COC for MS/MSD but insufficient volume was provided for VOCs: GW-11222397-111225-ES-07 (460-339416-7), GW-11222397-111225-ES-07 (460-339416-7[MS]) and GW-11222397-111225-ES-07 (460-339416-7[MSD]). Three VOC vials were provided and logged in for Sample 7. Vials were not received for the MS/MSD.

GC/MS VOA

Method 8260DEL: The following sample was diluted to bring the concentration of target analytes within the calibration range: GW-11222397-111225-ES-05 (460-339416-6). Elevated reporting limits (RLs) are provided.

Method 8260DEL: The continuing calibration verification (CCV) associated with batch 460-1075997 recovered outside acceptance criteria, low biased, for Bromomethane and Trichlorofluoromethane and Methyl acetate and 1,2-Dibromo-3-Chloropropane (biased high). A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analytes, the data are reported.

Method 8260DEL: The closing continuing calibration verification (CCVC) associated with batch 460-1076084 recovered outside control limit for Methyl acetate (biased high); Trichlorofluoromethane, 2-Butanone (MEK), Bromomethane and Dichlorodifluoromethane (biased low). A reporting limit (RL) standard was analyzed, and the target analytes are detected. The data is flagged and reported.

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

GC/MS Semi VOA

Method 8270DEL: The continuing calibration verification (CCV) analyzed in batch 460-1074938 was outside the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane], Benzaldehyde, Caprolactam and N-Nitrosodi-n-propylamine. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270DEL: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 460-1074877 and analytical batch 460-1074938 recovered outside control limits for the following analytes: 2,2'-oxybis[1-chloropropane] and N-Nitrosodi-n-propylamine. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270DEL: The capping continuing calibration verification (CCV) analyzed in batch 460-1074938. was outside the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane], 4-Nitrophenol, Benzaldehyde, Bis(2-ethylhexyl) phthalate, Caprolactam, Di-n-octyl phthalate and N-Nitrosodi-n-propylamine. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

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

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Case Narrative

Client: GHD Services Inc.
Project: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Job ID: 460-339416-1 (Continued)

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Metals

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

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Detection Summary

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Client Sample ID: RB-11222397-111225-TF-06

Lab Sample ID: 460-339416-1

No Detections.

Client Sample ID: GW-11222397-111225-TF-08

Lab Sample ID: 460-339416-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.41		0.40	0.28	ug/L	1		8260D	Total/NA
Trichlorofluoromethane	3.7		1.0	0.32	ug/L	1		8260D	Total/NA

Client Sample ID: GW-11222397-111225-TF-10

Lab Sample ID: 460-339416-3

No Detections.

Client Sample ID: GW-11222397-111225-TF-12

Lab Sample ID: 460-339416-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	5.1		1.0	0.37	ug/L	1		8260D	Total/NA
Acetone	29		5.0	4.4	ug/L	1		8260D	Total/NA
Carbon disulfide	39		1.0	0.82	ug/L	1		8260D	Total/NA
Ethylbenzene	1.9		1.0	0.30	ug/L	1		8260D	Total/NA
Styrene	1.4		1.0	0.42	ug/L	1		8260D	Total/NA
Toluene	1.1		1.0	0.38	ug/L	1		8260D	Total/NA
Vinyl chloride	0.97	J	1.0	0.40	ug/L	1		8260D	Total/NA
Xylenes, Total	10		2.0	0.65	ug/L	1		8260D	Total/NA

Client Sample ID: GW-11222397-111225-TF-14

Lab Sample ID: 460-339416-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	5.1		1.0	0.37	ug/L	1		8260D	Total/NA
2-Butanone (MEK)	4.2	J	5.0	3.9	ug/L	1		8260D	Total/NA
Acetone	32		5.0	4.4	ug/L	1		8260D	Total/NA
Carbon disulfide	39		1.0	0.82	ug/L	1		8260D	Total/NA
Ethylbenzene	2.0		1.0	0.30	ug/L	1		8260D	Total/NA
Styrene	1.1		1.0	0.42	ug/L	1		8260D	Total/NA
Toluene	1.1		1.0	0.38	ug/L	1		8260D	Total/NA
Vinyl chloride	1.3		1.0	0.40	ug/L	1		8260D	Total/NA
Xylenes, Total	9.8		2.0	0.65	ug/L	1		8260D	Total/NA

Client Sample ID: GW-11222397-111225-ES-05

Lab Sample ID: 460-339416-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	410		5.0	1.9	ug/L	5		8260D	Total/NA
Benzene	11		2.3	0.35	ug/L	5		8260D	Total/NA
Cyclohexane	250		5.0	1.6	ug/L	5		8260D	Total/NA
Ethylbenzene	510		5.0	1.5	ug/L	5		8260D	Total/NA
Isopropylbenzene	37		5.0	1.7	ug/L	5		8260D	Total/NA
Methylcyclohexane	89		5.0	3.5	ug/L	5		8260D	Total/NA
Toluene	100		5.0	1.9	ug/L	5		8260D	Total/NA
Xylenes, Total	1500		10	3.3	ug/L	5		8260D	Total/NA
2,4-Dimethylphenol	3.4	J	10	0.62	ug/L	1		8270C	Total/NA
2-Methylnaphthalene	24		10	0.53	ug/L	1		8270C	Total/NA
Acetophenone	22		10	2.3	ug/L	1		8270C	Total/NA
Naphthalene	130	ES	2.0	0.54	ug/L	1		8270C	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Client Sample ID: GW-11222397-111225-ES-07

Lab Sample ID: 460-339416-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene (TCE)	0.83		0.28	0.074	ug/L	1		8260D	Total/NA
Aluminum	23.2	J	40.0	19.5	ug/L	1		6020B	Total/NA
Antimony	0.45	J	2.0	0.30	ug/L	1		6020B	Total/NA
Barium	269		4.0	0.91	ug/L	1		6020B	Total/NA
Calcium	50200		500	53.6	ug/L	1		6020B	Total/NA
Cobalt	8.0		2.0	0.24	ug/L	1		6020B	Total/NA
Magnesium	49400		200	20.9	ug/L	1		6020B	Total/NA
Manganese	9640		8.0	1.5	ug/L	1		6020B	Total/NA
Nickel	41.8		4.0	0.91	ug/L	1		6020B	Total/NA
Potassium	4220		200	112	ug/L	1		6020B	Total/NA
Selenium	1.5	J	2.5	0.59	ug/L	1		6020B	Total/NA
Sodium	151000		500	219	ug/L	1		6020B	Total/NA
Zinc	10.7	J	16.0	6.5	ug/L	1		6020B	Total/NA
Dissolved Barium	265		4.0	0.91	ug/L	1		6020B	Dissolved
Dissolved Calcium	48100		500	53.6	ug/L	1		6020B	Dissolved
Dissolved Cobalt	6.4		2.0	0.24	ug/L	1		6020B	Dissolved
Dissolved Magnesium	48300		200	20.9	ug/L	1		6020B	Dissolved
Dissolved Manganese	8660		8.0	1.5	ug/L	1		6020B	Dissolved
Dissolved Nickel	29.8		4.0	0.91	ug/L	1		6020B	Dissolved
Dissolved Potassium	3880		200	112	ug/L	1		6020B	Dissolved
Dissolved Selenium	1.5	J	2.5	0.59	ug/L	1		6020B	Dissolved
Dissolved Sodium	143000		500	219	ug/L	1		6020B	Dissolved

Client Sample ID: GW-11222397-111225-ES-09

Lab Sample ID: 460-339416-8

No Detections.

Client Sample ID: GW-11222397-111225-ES-11

Lab Sample ID: 460-339416-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	3920		40.0	19.5	ug/L	1		6020B	Total/NA
Antimony	0.61	J	2.0	0.30	ug/L	1		6020B	Total/NA
Barium	340		4.0	0.91	ug/L	1		6020B	Total/NA
Beryllium	0.25	J	0.80	0.13	ug/L	1		6020B	Total/NA
Calcium	64500		500	53.6	ug/L	1		6020B	Total/NA
Chromium	6.1		4.0	1.2	ug/L	1		6020B	Total/NA
Cobalt	5.8		2.0	0.24	ug/L	1		6020B	Total/NA
Copper	6.1		4.0	2.5	ug/L	1		6020B	Total/NA
Iron	4120		120	58.2	ug/L	1		6020B	Total/NA
Lead	5.2		1.2	0.84	ug/L	1		6020B	Total/NA
Magnesium	40500		200	20.9	ug/L	1		6020B	Total/NA
Manganese	804		8.0	1.5	ug/L	1		6020B	Total/NA
Nickel	10.3		4.0	0.91	ug/L	1		6020B	Total/NA
Potassium	9160		200	112	ug/L	1		6020B	Total/NA
Sodium	134000		500	219	ug/L	1		6020B	Total/NA
Vanadium	10.0		4.0	0.68	ug/L	1		6020B	Total/NA
Zinc	26.9		16.0	6.5	ug/L	1		6020B	Total/NA
Dissolved Barium	307		4.0	0.91	ug/L	1		6020B	Dissolved
Dissolved Calcium	61000		500	53.6	ug/L	1		6020B	Dissolved
Dissolved Cobalt	3.4		2.0	0.24	ug/L	1		6020B	Dissolved
Dissolved Magnesium	38500		200	20.9	ug/L	1		6020B	Dissolved
Dissolved Manganese	731		8.0	1.5	ug/L	1		6020B	Dissolved

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Client Sample ID: GW-11222397-111225-ES-11 (Continued)

Lab Sample ID: 460-339416-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dissolved Nickel	4.5		4.0	0.91	ug/L	1		6020B	Dissolved
Dissolved Potassium	7930		200	112	ug/L	1		6020B	Dissolved
Dissolved Sodium	124000		500	219	ug/L	1		6020B	Dissolved

Client Sample ID: GW-11222397-111225-ES-13

Lab Sample ID: 460-339416-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	3080		40.0	19.5	ug/L	1		6020B	Total/NA
Antimony	0.59	J	2.0	0.30	ug/L	1		6020B	Total/NA
Barium	343		4.0	0.91	ug/L	1		6020B	Total/NA
Beryllium	0.21	J	0.80	0.13	ug/L	1		6020B	Total/NA
Calcium	64700		500	53.6	ug/L	1		6020B	Total/NA
Chromium	4.3		4.0	1.2	ug/L	1		6020B	Total/NA
Cobalt	4.9		2.0	0.24	ug/L	1		6020B	Total/NA
Copper	6.6		4.0	2.5	ug/L	1		6020B	Total/NA
Iron	3000		120	58.2	ug/L	1		6020B	Total/NA
Lead	3.7		1.2	0.84	ug/L	1		6020B	Total/NA
Magnesium	40900		200	20.9	ug/L	1		6020B	Total/NA
Manganese	784		8.0	1.5	ug/L	1		6020B	Total/NA
Nickel	8.4		4.0	0.91	ug/L	1		6020B	Total/NA
Potassium	9040		200	112	ug/L	1		6020B	Total/NA
Sodium	135000		500	219	ug/L	1		6020B	Total/NA
Vanadium	7.6		4.0	0.68	ug/L	1		6020B	Total/NA
Zinc	37.3		16.0	6.5	ug/L	1		6020B	Total/NA
Dissolved Barium	313		4.0	0.91	ug/L	1		6020B	Dissolved
Dissolved Calcium	62000		500	53.6	ug/L	1		6020B	Dissolved
Dissolved Cobalt	3.4		2.0	0.24	ug/L	1		6020B	Dissolved
Dissolved Magnesium	39800		200	20.9	ug/L	1		6020B	Dissolved
Dissolved Manganese	733		8.0	1.5	ug/L	1		6020B	Dissolved
Dissolved Nickel	4.2		4.0	0.91	ug/L	1		6020B	Dissolved
Dissolved Potassium	8020		200	112	ug/L	1		6020B	Dissolved
Dissolved Sodium	129000		500	219	ug/L	1		6020B	Dissolved

Client Sample ID: GW-11222397-111225-TF-15

Lab Sample ID: 460-339416-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,4-Dimethylphenol	3.1	J	10	0.62	ug/L	1		8270C	Total/NA
2-Methylnaphthalene	19		10	0.53	ug/L	1		8270C	Total/NA
Acetophenone	18		10	2.3	ug/L	1		8270C	Total/NA
Naphthalene	110	ES	2.0	0.54	ug/L	1		8270C	Total/NA

Client Sample ID: TB

Lab Sample ID: 460-339416-12

No Detections.

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Client Sample ID: RB-11222397-111225-TF-06

Lab Sample ID: 460-339416-1

Date Collected: 11/12/25 08:45

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 8260D - Volatile Organics (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			11/21/25 02:53	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			11/21/25 02:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			11/21/25 02:53	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			11/21/25 02:53	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/21/25 02:53	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/21/25 02:53	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/21/25 02:53	1
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			11/21/25 02:53	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/21/25 02:53	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/21/25 02:53	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/21/25 02:53	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			11/21/25 02:53	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			11/21/25 02:53	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/21/25 02:53	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/21/25 02:53	1
2-Butanone (MEK)	3.9	U	5.0	3.9	ug/L			11/21/25 02:53	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/21/25 02:53	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			11/21/25 02:53	1
Acetone	4.4	U	5.0	4.4	ug/L			11/21/25 02:53	1
Benzene	0.070	U	0.45	0.070	ug/L			11/21/25 02:53	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			11/21/25 02:53	1
Bromoform	0.54	U	1.0	0.54	ug/L			11/21/25 02:53	1
Bromomethane	0.55	U	1.0	0.55	ug/L			11/21/25 02:53	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			11/21/25 02:53	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/21/25 02:53	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/21/25 02:53	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/21/25 02:53	1
Chloroform	0.33	U	1.0	0.33	ug/L			11/21/25 02:53	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/21/25 02:53	1
cis-1,2-Dichloroethene	0.48	U	1.0	0.48	ug/L			11/21/25 02:53	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			11/21/25 02:53	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			11/21/25 02:53	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			11/21/25 02:53	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/21/25 02:53	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			11/21/25 02:53	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			11/21/25 02:53	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			11/21/25 02:53	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			11/21/25 02:53	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			11/21/25 02:53	1
Methylene Chloride	0.65	U	1.0	0.65	ug/L			11/21/25 02:53	1
Styrene	0.42	U	1.0	0.42	ug/L			11/21/25 02:53	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			11/21/25 02:53	1
Toluene	0.38	U	1.0	0.38	ug/L			11/21/25 02:53	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			11/21/25 02:53	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			11/21/25 02:53	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			11/21/25 02:53	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			11/21/25 02:53	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			11/21/25 02:53	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			11/21/25 02:53	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Client Sample ID: RB-11222397-111225-TF-06

Lab Sample ID: 460-339416-1

Date Collected: 11/12/25 08:45

Matrix: Water

Date Received: 11/13/25 13:30

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		<i>ug/L</i>			<i>N/A</i>		<i>11/21/25 02:53</i>	<i>1</i>
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1,2-Dichloroethane-d4 (Surr)</i>	<i>96</i>		<i>70 - 128</i>					<i>11/21/25 02:53</i>	<i>1</i>
<i>4-Bromofluorobenzene</i>	<i>106</i>		<i>76 - 120</i>					<i>11/21/25 02:53</i>	<i>1</i>
<i>Dibromofluoromethane (Surr)</i>	<i>99</i>		<i>77 - 132</i>					<i>11/21/25 02:53</i>	<i>1</i>
<i>Toluene-d8 (Surr)</i>	<i>102</i>		<i>80 - 120</i>					<i>11/21/25 02:53</i>	<i>1</i>

Client Sample ID: GW-11222397-111225-TF-08

Lab Sample ID: 460-339416-2

Date Collected: 11/12/25 10:50

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 8260D - Volatile Organics (GC/MS)

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			11/21/25 14:46	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			11/21/25 14:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			11/21/25 14:46	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			11/21/25 14:46	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/21/25 14:46	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/21/25 14:46	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/21/25 14:46	1
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			11/21/25 14:46	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/21/25 14:46	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/21/25 14:46	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/21/25 14:46	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			11/21/25 14:46	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			11/21/25 14:46	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/21/25 14:46	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/21/25 14:46	1
2-Butanone (MEK)	3.9	U	5.0	3.9	ug/L			11/21/25 14:46	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/21/25 14:46	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			11/21/25 14:46	1
Acetone	4.4	U	5.0	4.4	ug/L			11/21/25 14:46	1
Benzene	0.070	U	0.45	0.070	ug/L			11/21/25 14:46	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			11/21/25 14:46	1
Bromoform	0.54	U	1.0	0.54	ug/L			11/21/25 14:46	1
Bromomethane	0.55	U	1.0	0.55	ug/L			11/21/25 14:46	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			11/21/25 14:46	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/21/25 14:46	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/21/25 14:46	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/21/25 14:46	1
Chloroform	0.33	U	1.0	0.33	ug/L			11/21/25 14:46	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/21/25 14:46	1
cis-1,2-Dichloroethene	0.48	U	1.0	0.48	ug/L			11/21/25 14:46	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			11/21/25 14:46	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			11/21/25 14:46	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			11/21/25 14:46	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/21/25 14:46	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			11/21/25 14:46	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			11/21/25 14:46	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			11/21/25 14:46	1

Eurofins Edison

Client Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Client Sample ID: GW-11222397-111225-TF-08

Lab Sample ID: 460-339416-2

Date Collected: 11/12/25 10:50

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 8260D - Volatile Organics (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			11/21/25 14:46	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			11/21/25 14:46	1
Methylene Chloride	0.65	U	1.0	0.65	ug/L			11/21/25 14:46	1
Styrene	0.42	U	1.0	0.42	ug/L			11/21/25 14:46	1
Tetrachloroethene	0.41		0.40	0.28	ug/L			11/21/25 14:46	1
Toluene	0.38	U	1.0	0.38	ug/L			11/21/25 14:46	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			11/21/25 14:46	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			11/21/25 14:46	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			11/21/25 14:46	1
Trichlorofluoromethane	3.7		1.0	0.32	ug/L			11/21/25 14:46	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			11/21/25 14:46	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			11/21/25 14:46	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Ethane, 2,2-dichloro-1,1,1-trifluoro-	30	J N	ug/L		2.61	306-83-2		11/21/25 14:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		70 - 128		11/21/25 14:46	1
4-Bromofluorobenzene	102		76 - 120		11/21/25 14:46	1
Dibromofluoromethane (Surr)	103		77 - 132		11/21/25 14:46	1
Toluene-d8 (Surr)	100		80 - 120		11/21/25 14:46	1

Client Sample ID: GW-11222397-111225-TF-10

Lab Sample ID: 460-339416-3

Date Collected: 11/12/25 12:15

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 8260D - Volatile Organics (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			11/21/25 14:20	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			11/21/25 14:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			11/21/25 14:20	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			11/21/25 14:20	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/21/25 14:20	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/21/25 14:20	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/21/25 14:20	1
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			11/21/25 14:20	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/21/25 14:20	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/21/25 14:20	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/21/25 14:20	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			11/21/25 14:20	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			11/21/25 14:20	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/21/25 14:20	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/21/25 14:20	1
2-Butanone (MEK)	3.9	U	5.0	3.9	ug/L			11/21/25 14:20	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/21/25 14:20	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			11/21/25 14:20	1
Acetone	4.4	U	5.0	4.4	ug/L			11/21/25 14:20	1
Benzene	0.070	U	0.45	0.070	ug/L			11/21/25 14:20	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			11/21/25 14:20	1
Bromoform	0.54	U	1.0	0.54	ug/L			11/21/25 14:20	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Client Sample ID: GW-11222397-111225-TF-10

Lab Sample ID: 460-339416-3

Date Collected: 11/12/25 12:15

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 8260D - Volatile Organics (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	0.55	U	1.0	0.55	ug/L			11/21/25 14:20	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			11/21/25 14:20	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/21/25 14:20	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/21/25 14:20	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/21/25 14:20	1
Chloroform	0.33	U	1.0	0.33	ug/L			11/21/25 14:20	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/21/25 14:20	1
cis-1,2-Dichloroethene	0.48	U	1.0	0.48	ug/L			11/21/25 14:20	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			11/21/25 14:20	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			11/21/25 14:20	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			11/21/25 14:20	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/21/25 14:20	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			11/21/25 14:20	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			11/21/25 14:20	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			11/21/25 14:20	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			11/21/25 14:20	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			11/21/25 14:20	1
Methylene Chloride	0.65	U	1.0	0.65	ug/L			11/21/25 14:20	1
Styrene	0.42	U	1.0	0.42	ug/L			11/21/25 14:20	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			11/21/25 14:20	1
Toluene	0.38	U	1.0	0.38	ug/L			11/21/25 14:20	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			11/21/25 14:20	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			11/21/25 14:20	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			11/21/25 14:20	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			11/21/25 14:20	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			11/21/25 14:20	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			11/21/25 14:20	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		11/21/25 14:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		70 - 128		11/21/25 14:20	1
4-Bromofluorobenzene	99		76 - 120		11/21/25 14:20	1
Dibromofluoromethane (Surr)	101		77 - 132		11/21/25 14:20	1
Toluene-d8 (Surr)	97		80 - 120		11/21/25 14:20	1

Client Sample ID: GW-11222397-111225-TF-12

Lab Sample ID: 460-339416-4

Date Collected: 11/12/25 13:45

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 8260D - Volatile Organics (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			11/21/25 05:24	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			11/21/25 05:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			11/21/25 05:24	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			11/21/25 05:24	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/21/25 05:24	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/21/25 05:24	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/21/25 05:24	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Client Sample ID: GW-11222397-111225-TF-12

Lab Sample ID: 460-339416-4

Date Collected: 11/12/25 13:45

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 8260D - Volatile Organics (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	5.1		1.0	0.37	ug/L			11/21/25 05:24	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/21/25 05:24	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/21/25 05:24	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/21/25 05:24	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			11/21/25 05:24	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			11/21/25 05:24	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/21/25 05:24	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/21/25 05:24	1
2-Butanone (MEK)	3.9	U	5.0	3.9	ug/L			11/21/25 05:24	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/21/25 05:24	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			11/21/25 05:24	1
Acetone	29		5.0	4.4	ug/L			11/21/25 05:24	1
Benzene	0.070	U	0.45	0.070	ug/L			11/21/25 05:24	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			11/21/25 05:24	1
Bromoform	0.54	U	1.0	0.54	ug/L			11/21/25 05:24	1
Bromomethane	0.55	U	1.0	0.55	ug/L			11/21/25 05:24	1
Carbon disulfide	39		1.0	0.82	ug/L			11/21/25 05:24	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/21/25 05:24	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/21/25 05:24	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/21/25 05:24	1
Chloroform	0.33	U	1.0	0.33	ug/L			11/21/25 05:24	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/21/25 05:24	1
cis-1,2-Dichloroethene	0.48	U	1.0	0.48	ug/L			11/21/25 05:24	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			11/21/25 05:24	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			11/21/25 05:24	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			11/21/25 05:24	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/21/25 05:24	1
Ethylbenzene	1.9		1.0	0.30	ug/L			11/21/25 05:24	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			11/21/25 05:24	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			11/21/25 05:24	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			11/21/25 05:24	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			11/21/25 05:24	1
Methylene Chloride	0.65	U	1.0	0.65	ug/L			11/21/25 05:24	1
Styrene	1.4		1.0	0.42	ug/L			11/21/25 05:24	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			11/21/25 05:24	1
Toluene	1.1		1.0	0.38	ug/L			11/21/25 05:24	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			11/21/25 05:24	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			11/21/25 05:24	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			11/21/25 05:24	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			11/21/25 05:24	1
Vinyl chloride	0.97 J		1.0	0.40	ug/L			11/21/25 05:24	1
Xylenes, Total	10		2.0	0.65	ug/L			11/21/25 05:24	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Ethane, 1-chloro-1-fluoro-	5.0	J N	ug/L		2.09	1615-75-4		11/21/25 05:24	1
Unknown	15	J	ug/L		2.54	N/A		11/21/25 05:24	1
Naphthalene	11	J N	ug/L		12.93	91-20-3		11/21/25 05:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		70 - 128		11/21/25 05:24	1

Eurofins Edison

Client Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Client Sample ID: GW-11222397-111225-TF-12

Lab Sample ID: 460-339416-4

Date Collected: 11/12/25 13:45

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 8260D - Volatile Organics (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		76 - 120		11/21/25 05:24	1
Dibromofluoromethane (Surr)	100		77 - 132		11/21/25 05:24	1
Toluene-d8 (Surr)	100		80 - 120		11/21/25 05:24	1

Client Sample ID: GW-11222397-111225-TF-14

Lab Sample ID: 460-339416-5

Date Collected: 11/12/25 13:50

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 8260D - Volatile Organics (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			11/21/25 03:18	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			11/21/25 03:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			11/21/25 03:18	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			11/21/25 03:18	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/21/25 03:18	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/21/25 03:18	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/21/25 03:18	1
1,2,4-Trimethylbenzene	5.1		1.0	0.37	ug/L			11/21/25 03:18	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/21/25 03:18	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/21/25 03:18	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/21/25 03:18	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			11/21/25 03:18	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			11/21/25 03:18	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/21/25 03:18	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/21/25 03:18	1
2-Butanone (MEK)	4.2	J	5.0	3.9	ug/L			11/21/25 03:18	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/21/25 03:18	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			11/21/25 03:18	1
Acetone	32		5.0	4.4	ug/L			11/21/25 03:18	1
Benzene	0.070	U	0.45	0.070	ug/L			11/21/25 03:18	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			11/21/25 03:18	1
Bromoform	0.54	U	1.0	0.54	ug/L			11/21/25 03:18	1
Bromomethane	0.55	U	1.0	0.55	ug/L			11/21/25 03:18	1
Carbon disulfide	39		1.0	0.82	ug/L			11/21/25 03:18	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/21/25 03:18	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/21/25 03:18	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/21/25 03:18	1
Chloroform	0.33	U	1.0	0.33	ug/L			11/21/25 03:18	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/21/25 03:18	1
cis-1,2-Dichloroethene	0.48	U	1.0	0.48	ug/L			11/21/25 03:18	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			11/21/25 03:18	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			11/21/25 03:18	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			11/21/25 03:18	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/21/25 03:18	1
Ethylbenzene	2.0		1.0	0.30	ug/L			11/21/25 03:18	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			11/21/25 03:18	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			11/21/25 03:18	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			11/21/25 03:18	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			11/21/25 03:18	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Client Sample ID: GW-11222397-111225-TF-14

Lab Sample ID: 460-339416-5

Date Collected: 11/12/25 13:50

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 8260D - Volatile Organics (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.65	U	1.0	0.65	ug/L			11/21/25 03:18	1
Styrene	1.1		1.0	0.42	ug/L			11/21/25 03:18	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			11/21/25 03:18	1
Toluene	1.1		1.0	0.38	ug/L			11/21/25 03:18	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			11/21/25 03:18	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			11/21/25 03:18	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			11/21/25 03:18	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			11/21/25 03:18	1
Vinyl chloride	1.3		1.0	0.40	ug/L			11/21/25 03:18	1
Xylenes, Total	9.8		2.0	0.65	ug/L			11/21/25 03:18	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Ethane, 1-chloro-1-fluoro-	5.9	J N	ug/L		2.09	1615-75-4		11/21/25 03:18	1
Unknown	15	J	ug/L		2.54	N/A		11/21/25 03:18	1
Naphthalene	10	J N	ug/L		12.93	91-20-3		11/21/25 03:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		70 - 128		11/21/25 03:18	1
4-Bromofluorobenzene	104		76 - 120		11/21/25 03:18	1
Dibromofluoromethane (Surr)	101		77 - 132		11/21/25 03:18	1
Toluene-d8 (Surr)	101		80 - 120		11/21/25 03:18	1

Client Sample ID: GW-11222397-111225-ES-05

Lab Sample ID: 460-339416-6

Date Collected: 11/12/25 10:40

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 8260D - Volatile Organics (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.2	U	5.0	1.2	ug/L			11/21/25 08:21	5
1,1,2,2-Tetrachloroethane	0.43	U	1.0	0.43	ug/L			11/21/25 08:21	5
1,1,2-Trichloro-1,2,2-trifluoroethane	1.6	U	5.0	1.6	ug/L			11/21/25 08:21	5
1,1,2-Trichloroethane	0.95	U	2.9	0.95	ug/L			11/21/25 08:21	5
1,1-Dichloroethane	1.3	U	5.0	1.3	ug/L			11/21/25 08:21	5
1,1-Dichloroethene	1.3	U	5.0	1.3	ug/L			11/21/25 08:21	5
1,2,4-Trichlorobenzene	1.8	U	5.0	1.8	ug/L			11/21/25 08:21	5
1,2,4-Trimethylbenzene	410		5.0	1.9	ug/L			11/21/25 08:21	5
1,2-Dibromo-3-Chloropropane	1.9	U	5.0	1.9	ug/L			11/21/25 08:21	5
1,2-Dibromoethane	2.5	U	5.0	2.5	ug/L			11/21/25 08:21	5
1,2-Dichlorobenzene	1.1	U	5.0	1.1	ug/L			11/21/25 08:21	5
1,2-Dichloroethane	0.44	U	1.5	0.44	ug/L			11/21/25 08:21	5
1,2-Dichloropropane	0.37	U	4.6	0.37	ug/L			11/21/25 08:21	5
1,3-Dichlorobenzene	1.7	U	5.0	1.7	ug/L			11/21/25 08:21	5
1,4-Dichlorobenzene	1.7	U	5.0	1.7	ug/L			11/21/25 08:21	5
2-Butanone (MEK)	19	U	25	19	ug/L			11/21/25 08:21	5
2-Hexanone	5.7	U	25	5.7	ug/L			11/21/25 08:21	5
4-Methyl-2-pentanone (MIBK)	6.5	U	25	6.5	ug/L			11/21/25 08:21	5
Acetone	22	U	25	22	ug/L			11/21/25 08:21	5
Benzene	11		2.3	0.35	ug/L			11/21/25 08:21	5
Dichlorobromomethane	0.76	U	4.9	0.76	ug/L			11/21/25 08:21	5
Bromoform	2.7	U	5.0	2.7	ug/L			11/21/25 08:21	5

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Client Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Client Sample ID: GW-11222397-111225-ES-05

Lab Sample ID: 460-339416-6

Date Collected: 11/12/25 10:40

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 8260D - Volatile Organics (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	2.8	U	5.0	2.8	ug/L			11/21/25 08:21	5
Carbon disulfide	4.1	U	5.0	4.1	ug/L			11/21/25 08:21	5
Carbon tetrachloride	1.0	U	5.0	1.0	ug/L			11/21/25 08:21	5
Chlorobenzene	1.9	U	5.0	1.9	ug/L			11/21/25 08:21	5
Chloroethane	1.6	U	5.0	1.6	ug/L			11/21/25 08:21	5
Chloroform	1.6	U	5.0	1.6	ug/L			11/21/25 08:21	5
Chloromethane	2.0	U	5.0	2.0	ug/L			11/21/25 08:21	5
cis-1,2-Dichloroethene	2.4	U	5.0	2.4	ug/L			11/21/25 08:21	5
cis-1,3-Dichloropropene	0.35	U	2.3	0.35	ug/L			11/21/25 08:21	5
Cyclohexane	250		5.0	1.6	ug/L			11/21/25 08:21	5
Chlorodibromomethane	0.43	U	3.9	0.43	ug/L			11/21/25 08:21	5
Dichlorodifluoromethane	1.6	U	5.0	1.6	ug/L			11/21/25 08:21	5
Ethylbenzene	510		5.0	1.5	ug/L			11/21/25 08:21	5
Isopropylbenzene	37		5.0	1.7	ug/L			11/21/25 08:21	5
Methyl acetate	3.9	U	25	3.9	ug/L			11/21/25 08:21	5
Methyl tert-butyl ether	1.1	U	5.0	1.1	ug/L			11/21/25 08:21	5
Methylcyclohexane	89		5.0	3.5	ug/L			11/21/25 08:21	5
Methylene Chloride	3.3	U	5.0	3.3	ug/L			11/21/25 08:21	5
Styrene	2.1	U	5.0	2.1	ug/L			11/21/25 08:21	5
Tetrachloroethene	1.4	U	2.0	1.4	ug/L			11/21/25 08:21	5
Toluene	100		5.0	1.9	ug/L			11/21/25 08:21	5
trans-1,2-Dichloroethene	1.2	U	5.0	1.2	ug/L			11/21/25 08:21	5
trans-1,3-Dichloropropene	0.59	U	2.3	0.59	ug/L			11/21/25 08:21	5
Trichloroethene	0.37	U	1.4	0.37	ug/L			11/21/25 08:21	5
Trichlorofluoromethane	1.6	U	5.0	1.6	ug/L			11/21/25 08:21	5
Vinyl chloride	2.0	U	5.0	2.0	ug/L			11/21/25 08:21	5
Xylenes, Total	1500		10	3.3	ug/L			11/21/25 08:21	5

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Butane	220	J N	ug/L		1.78	106-97-8		11/21/25 08:21	5
Butane, 2-methyl-	460	J N	ug/L		2.16	78-78-4		11/21/25 08:21	5
Pentane	280	J N	ug/L		2.35	109-66-0		11/21/25 08:21	5
2-Butene, 2-methyl-	200	J N	ug/L		2.59	513-35-9		11/21/25 08:21	5
Cyclopentane, methyl-	280	J N	ug/L		4.03	96-37-7		11/21/25 08:21	5
Benzene, 1-ethyl-4-methyl-	200	J N	ug/L		10.65	622-96-8		11/21/25 08:21	5
Benzene, 1,3,5-trimethyl-	240	J N	ug/L		10.69	108-67-8		11/21/25 08:21	5
Benzene, 1-ethyl-2-methyl-	200	J N	ug/L		10.84	611-14-3		11/21/25 08:21	5
Benzene, 1,2,3-trimethyl-	340	J N	ug/L		11.23	526-73-8		11/21/25 08:21	5
Indane	330	J N	ug/L		11.37	496-11-7		11/21/25 08:21	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		70 - 128		11/21/25 08:21	5
4-Bromofluorobenzene	109		76 - 120		11/21/25 08:21	5
Dibromofluoromethane (Surr)	94		77 - 132		11/21/25 08:21	5
Toluene-d8 (Surr)	102		80 - 120		11/21/25 08:21	5

Method: SW846 8270C - Semivolatile Organics (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	1.2	U	5.0	1.2	ug/L		11/15/25 11:11	11/16/25 11:11	1
2,2'-oxybis[1-chloropropane]	0.63	U *+	10	0.63	ug/L		11/15/25 11:11	11/16/25 11:11	1

Eurofins Edison

Client Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Client Sample ID: GW-11222397-111225-ES-05

Lab Sample ID: 460-339416-6

Date Collected: 11/12/25 10:40

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 8270C - Semivolatile Organics (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	0.88	U	10	0.88	ug/L		11/15/25 11:11	11/16/25 11:11	1
2,4,6-Trichlorophenol	0.86	U	3.0	0.86	ug/L		11/15/25 11:11	11/16/25 11:11	1
2,4-Dichlorophenol	1.1	U	10	1.1	ug/L		11/15/25 11:11	11/16/25 11:11	1
2,4-Dimethylphenol	3.4	J	10	0.62	ug/L		11/15/25 11:11	11/16/25 11:11	1
2,4-Dinitrophenol	11	U	12	11	ug/L		11/15/25 11:11	11/16/25 11:11	1
2,4-Dinitrotoluene	1.0	U	10	1.0	ug/L		11/15/25 11:11	11/16/25 11:11	1
2,6-Dinitrotoluene	0.83	U	2.0	0.83	ug/L		11/15/25 11:11	11/16/25 11:11	1
2-Chloronaphthalene	1.2	U	10	1.2	ug/L		11/15/25 11:11	11/16/25 11:11	1
2-Chlorophenol	0.95	U	10	0.95	ug/L		11/15/25 11:11	11/16/25 11:11	1
2-Methylnaphthalene	24		10	0.53	ug/L		11/15/25 11:11	11/16/25 11:11	1
2-Methylphenol	0.67	U	10	0.67	ug/L		11/15/25 11:11	11/16/25 11:11	1
2-Nitroaniline	1.2	U	10	1.2	ug/L		11/15/25 11:11	11/16/25 11:11	1
2-Nitrophenol	0.75	U	10	0.75	ug/L		11/15/25 11:11	11/16/25 11:11	1
3,3'-Dichlorobenzidine	1.4	U	5.2	1.4	ug/L		11/15/25 11:11	11/16/25 11:11	1
3-Nitroaniline	1.9	U	10	1.9	ug/L		11/15/25 11:11	11/16/25 11:11	1
4,6-Dinitro-2-methylphenol	8.6	U	20	8.6	ug/L		11/15/25 11:11	11/16/25 11:11	1
4-Bromophenyl phenyl ether	0.75	U	10	0.75	ug/L		11/15/25 11:11	11/16/25 11:11	1
4-Chloro-3-methylphenol	1.3	U	10	1.3	ug/L		11/15/25 11:11	11/16/25 11:11	1
4-Chlorophenyl phenyl ether	1.3	U	10	1.3	ug/L		11/15/25 11:11	11/16/25 11:11	1
4-Methylphenol	0.65	U	10	0.65	ug/L		11/15/25 11:11	11/16/25 11:11	1
4-Nitroaniline	1.2	U	10	1.2	ug/L		11/15/25 11:11	11/16/25 11:11	1
4-Nitrophenol	4.0	U	20	4.0	ug/L		11/15/25 11:11	11/16/25 11:11	1
Acenaphthene	1.1	U	10	1.1	ug/L		11/15/25 11:11	11/16/25 11:11	1
Acenaphthylene	0.82	U	10	0.82	ug/L		11/15/25 11:11	11/16/25 11:11	1
Acetophenone	22		10	2.3	ug/L		11/15/25 11:11	11/16/25 11:11	1
Anthracene	1.3	U	10	1.3	ug/L		11/15/25 11:11	11/16/25 11:11	1
Atrazine	1.3	U	2.0	1.3	ug/L		11/15/25 11:11	11/16/25 11:11	1
Benzaldehyde	2.1	U	10	2.1	ug/L		11/15/25 11:11	11/16/25 11:11	1
Benzo[a]anthracene	0.59	U	1.0	0.59	ug/L		11/15/25 11:11	11/16/25 11:11	1
Benzo[a]pyrene	0.41	U	1.0	0.41	ug/L		11/15/25 11:11	11/16/25 11:11	1
Benzo[b]fluoranthene	0.68	U	2.0	0.68	ug/L		11/15/25 11:11	11/16/25 11:11	1
Benzo[g,h,i]perylene	0.70	U	10	0.70	ug/L		11/15/25 11:11	11/16/25 11:11	1
Benzo[k]fluoranthene	0.67	U	1.0	0.67	ug/L		11/15/25 11:11	11/16/25 11:11	1
Bis(2-chloroethoxy)methane	0.59	U	10	0.59	ug/L		11/15/25 11:11	11/16/25 11:11	1
Bis(2-chloroethyl)ether	0.63	U	1.0	0.63	ug/L		11/15/25 11:11	11/16/25 11:11	1
Bis(2-ethylhexyl) phthalate	0.80	U	2.0	0.80	ug/L		11/15/25 11:11	11/16/25 11:11	1
Butyl benzyl phthalate	0.85	U	10	0.85	ug/L		11/15/25 11:11	11/16/25 11:11	1
Caprolactam	2.2	U	10	2.2	ug/L		11/15/25 11:11	11/16/25 11:11	1
Carbazole	0.68	U	10	0.68	ug/L		11/15/25 11:11	11/16/25 11:11	1
Chrysene	0.91	U	2.0	0.91	ug/L		11/15/25 11:11	11/16/25 11:11	1
Dibenz(a,h)anthracene	0.72	U	1.0	0.72	ug/L		11/15/25 11:11	11/16/25 11:11	1
Dibenzofuran	1.1	U	10	1.1	ug/L		11/15/25 11:11	11/16/25 11:11	1
Diethyl phthalate	0.98	U	10	0.98	ug/L		11/15/25 11:11	11/16/25 11:11	1
Dimethyl phthalate	0.77	U	10	0.77	ug/L		11/15/25 11:11	11/16/25 11:11	1
Di-n-butyl phthalate	0.84	U	10	0.84	ug/L		11/15/25 11:11	11/16/25 11:11	1
Di-n-octyl phthalate	4.0	U	10	4.0	ug/L		11/15/25 11:11	11/16/25 11:11	1
Fluoranthene	0.84	U	10	0.84	ug/L		11/15/25 11:11	11/16/25 11:11	1
Fluorene	0.91	U	10	0.91	ug/L		11/15/25 11:11	11/16/25 11:11	1
Hexachlorobenzene	0.40	U	1.0	0.40	ug/L		11/15/25 11:11	11/16/25 11:11	1

Eurofins Edison

Client Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Client Sample ID: GW-11222397-111225-ES-05

Lab Sample ID: 460-339416-6

Date Collected: 11/12/25 10:40

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 8270C - Semivolatile Organics (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	0.78	U	1.0	0.78	ug/L		11/15/25 11:11	11/16/25 11:11	1
Hexachlorocyclopentadiene	3.6	U	10	3.6	ug/L		11/15/25 11:11	11/16/25 11:11	1
Hexachloroethane	0.31	U	0.80	0.31	ug/L		11/15/25 11:11	11/16/25 11:11	1
Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94	ug/L		11/15/25 11:11	11/16/25 11:11	1
Isophorone	0.80	U	10	0.80	ug/L		11/15/25 11:11	11/16/25 11:11	1
Naphthalene	130	ES	2.0	0.54	ug/L		11/15/25 11:11	11/16/25 11:11	1
Nitrobenzene	0.57	U	1.0	0.57	ug/L		11/15/25 11:11	11/16/25 11:11	1
N-Nitrosodi-n-propylamine	0.43	U *+	1.0	0.43	ug/L		11/15/25 11:11	11/16/25 11:11	1
N-Nitrosodiphenylamine	0.89	U	10	0.89	ug/L		11/15/25 11:11	11/16/25 11:11	1
Pentachlorophenol	6.6	U	20	6.6	ug/L		11/15/25 11:11	11/16/25 11:11	1
Phenanthrene	1.3	U	10	1.3	ug/L		11/15/25 11:11	11/16/25 11:11	1
Phenol	0.29	U	10	0.29	ug/L		11/15/25 11:11	11/16/25 11:11	1
Pyrene	1.6	U	10	1.6	ug/L		11/15/25 11:11	11/16/25 11:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	77		24 - 150	11/15/25 11:11	11/16/25 11:11	1
2-Fluorobiphenyl	83		38 - 139	11/15/25 11:11	11/16/25 11:11	1
2-Fluorophenol (Surr)	44		10 - 90	11/15/25 11:11	11/16/25 11:11	1
Nitrobenzene-d5 (Surr)	94		39 - 145	11/15/25 11:11	11/16/25 11:11	1
Phenol-d5 (Surr)	47		10 - 68	11/15/25 11:11	11/16/25 11:11	1
Terphenyl-d14 (Surr)	65		10 - 133	11/15/25 11:11	11/16/25 11:11	1

Client Sample ID: GW-11222397-111225-ES-07

Lab Sample ID: 460-339416-7

Date Collected: 11/12/25 12:05

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 8260D - Volatile Organics (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.070	U	0.45	0.070	ug/L			11/21/25 05:49	1
Trichloroethene (TCE)	0.83		0.28	0.074	ug/L			11/21/25 05:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		70 - 128		11/21/25 05:49	1
4-Bromofluorobenzene	99		76 - 120		11/21/25 05:49	1
Dibromofluoromethane (Surr)	100		77 - 132		11/21/25 05:49	1
Toluene-d8 (Surr)	99		80 - 120		11/21/25 05:49	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	23.2	J	40.0	19.5	ug/L		11/26/25 11:09	11/27/25 02:19	1
Antimony	0.45	J	2.0	0.30	ug/L		11/26/25 11:09	11/27/25 02:19	1
Arsenic	0.89	U	2.0	0.89	ug/L		11/26/25 11:09	11/27/25 02:19	1
Barium	269		4.0	0.91	ug/L		11/26/25 11:09	11/27/25 02:19	1
Beryllium	0.13	U	0.80	0.13	ug/L		11/26/25 11:09	11/27/25 02:19	1
Cadmium	0.29	U	0.92	0.29	ug/L		11/26/25 11:09	11/27/25 02:19	1
Calcium	50200		500	53.6	ug/L		11/26/25 11:09	11/27/25 02:19	1
Chromium	1.2	U	4.0	1.2	ug/L		11/26/25 11:09	11/27/25 02:19	1
Cobalt	8.0		2.0	0.24	ug/L		11/26/25 11:09	11/27/25 02:19	1
Copper	2.5	U	4.0	2.5	ug/L		11/26/25 11:09	11/27/25 02:19	1
Iron	58.2	U	120	58.2	ug/L		11/26/25 11:09	11/27/25 02:19	1
Lead	0.84	U	1.2	0.84	ug/L		11/26/25 11:09	11/27/25 02:19	1

Eurofins Edison

Client Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Client Sample ID: GW-11222397-111225-ES-07

Lab Sample ID: 460-339416-7

Date Collected: 11/12/25 12:05

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	49400		200	20.9	ug/L		11/26/25 11:09	11/27/25 02:19	1
Manganese	9640		8.0	1.5	ug/L		11/26/25 11:09	11/27/25 02:19	1
Nickel	41.8		4.0	0.91	ug/L		11/26/25 11:09	11/27/25 02:19	1
Potassium	4220		200	112	ug/L		11/26/25 11:09	11/27/25 02:19	1
Selenium	1.5 J		2.5	0.59	ug/L		11/26/25 11:09	11/27/25 02:19	1
Silver	0.29 U		2.0	0.29	ug/L		11/26/25 11:09	11/27/25 02:19	1
Sodium	151000		500	219	ug/L		11/26/25 11:09	11/27/25 02:19	1
Thallium	0.17 U		0.50	0.17	ug/L		11/26/25 11:09	11/27/25 02:19	1
Vanadium	0.68 U		4.0	0.68	ug/L		11/26/25 11:09	11/27/25 02:19	1
Zinc	10.7 J		16.0	6.5	ug/L		11/26/25 11:09	11/27/25 02:19	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Aluminum	19.5 U		40.0	19.5	ug/L		11/17/25 20:44	11/17/25 22:47	1
Dissolved Antimony	0.30 U F1		2.0	0.30	ug/L		11/17/25 20:44	11/17/25 22:47	1
Dissolved Arsenic	0.89 U		2.0	0.89	ug/L		11/17/25 20:44	11/17/25 22:47	1
Dissolved Barium	265		4.0	0.91	ug/L		11/17/25 20:44	11/17/25 22:47	1
Dissolved Beryllium	0.13 U		0.80	0.13	ug/L		11/17/25 20:44	11/17/25 22:47	1
Dissolved Cadmium	0.29 U		0.92	0.29	ug/L		11/17/25 20:44	11/17/25 22:47	1
Dissolved Calcium	48100		500	53.6	ug/L		11/17/25 20:44	11/17/25 22:47	1
Dissolved Chromium	1.2 U		4.0	1.2	ug/L		11/17/25 20:44	11/17/25 22:47	1
Dissolved Cobalt	6.4		2.0	0.24	ug/L		11/17/25 20:44	11/17/25 22:47	1
Dissolved Copper	2.5 U		4.0	2.5	ug/L		11/17/25 20:44	11/17/25 22:47	1
Dissolved Iron	58.2 U		120	58.2	ug/L		11/17/25 20:44	11/17/25 22:47	1
Dissolved Lead	0.84 U		1.2	0.84	ug/L		11/17/25 20:44	11/17/25 22:47	1
Dissolved Magnesium	48300		200	20.9	ug/L		11/17/25 20:44	11/17/25 22:47	1
Dissolved Manganese	8660		8.0	1.5	ug/L		11/17/25 20:44	11/17/25 22:47	1
Dissolved Nickel	29.8		4.0	0.91	ug/L		11/17/25 20:44	11/17/25 22:47	1
Dissolved Potassium	3880		200	112	ug/L		11/17/25 20:44	11/17/25 22:47	1
Dissolved Selenium	1.5 J		2.5	0.59	ug/L		11/17/25 20:44	11/17/25 22:47	1
Dissolved Silver	0.29 U		2.0	0.29	ug/L		11/17/25 20:44	11/17/25 22:47	1
Dissolved Sodium	143000		500	219	ug/L		11/17/25 20:44	11/17/25 22:47	1
Dissolved Thallium	0.17 U		0.50	0.17	ug/L		11/17/25 20:44	11/17/25 22:47	1
Dissolved Vanadium	0.68 U		4.0	0.68	ug/L		11/17/25 20:44	11/17/25 22:47	1
Dissolved Zinc	6.5 U		16.0	6.5	ug/L		11/17/25 20:44	11/17/25 22:47	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091 U		0.20	0.091	ug/L		11/18/25 09:34	11/18/25 16:13	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.091 U		0.20	0.091	ug/L		11/17/25 09:40	11/17/25 17:53	1

Client Sample ID: GW-11222397-111225-ES-09

Lab Sample ID: 460-339416-8

Date Collected: 11/12/25 12:45

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	19.5 U		40.0	19.5	ug/L		11/26/25 11:09	11/27/25 02:27	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Client Sample ID: GW-11222397-111225-ES-09

Lab Sample ID: 460-339416-8

Date Collected: 11/12/25 12:45

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.30	U	2.0	0.30	ug/L		11/26/25 11:09	11/27/25 02:27	1
Arsenic	0.89	U	2.0	0.89	ug/L		11/26/25 11:09	11/27/25 02:27	1
Barium	0.91	U	4.0	0.91	ug/L		11/26/25 11:09	11/27/25 02:27	1
Beryllium	0.13	U	0.80	0.13	ug/L		11/26/25 11:09	11/27/25 02:27	1
Cadmium	0.29	U	0.92	0.29	ug/L		11/26/25 11:09	11/27/25 02:27	1
Calcium	53.6	U	500	53.6	ug/L		11/26/25 11:09	11/27/25 02:27	1
Chromium	1.2	U	4.0	1.2	ug/L		11/26/25 11:09	11/27/25 02:27	1
Cobalt	0.24	U	2.0	0.24	ug/L		11/26/25 11:09	11/27/25 02:27	1
Copper	2.5	U	4.0	2.5	ug/L		11/26/25 11:09	11/27/25 02:27	1
Iron	58.2	U	120	58.2	ug/L		11/26/25 11:09	11/27/25 02:27	1
Lead	0.84	U	1.2	0.84	ug/L		11/26/25 11:09	11/27/25 02:27	1
Magnesium	20.9	U	200	20.9	ug/L		11/26/25 11:09	11/27/25 02:27	1
Manganese	1.5	U	8.0	1.5	ug/L		11/26/25 11:09	11/27/25 02:27	1
Nickel	0.91	U	4.0	0.91	ug/L		11/26/25 11:09	11/27/25 02:27	1
Potassium	112	U	200	112	ug/L		11/26/25 11:09	11/27/25 02:27	1
Selenium	0.59	U	2.5	0.59	ug/L		11/26/25 11:09	11/27/25 02:27	1
Silver	0.29	U	2.0	0.29	ug/L		11/26/25 11:09	11/27/25 02:27	1
Sodium	219	U	500	219	ug/L		11/26/25 11:09	11/27/25 02:27	1
Thallium	0.17	U	0.50	0.17	ug/L		11/26/25 11:09	11/27/25 02:27	1
Vanadium	0.68	U	4.0	0.68	ug/L		11/26/25 11:09	11/27/25 02:27	1
Zinc	6.5	U	16.0	6.5	ug/L		11/26/25 11:09	11/27/25 02:27	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Aluminum	19.5	U	40.0	19.5	ug/L		11/17/25 20:44	11/17/25 22:32	1
Dissolved Antimony	0.30	U	2.0	0.30	ug/L		11/17/25 20:44	11/17/25 22:32	1
Dissolved Arsenic	0.89	U	2.0	0.89	ug/L		11/17/25 20:44	11/17/25 22:32	1
Dissolved Barium	0.91	U	4.0	0.91	ug/L		11/17/25 20:44	11/17/25 22:32	1
Dissolved Beryllium	0.13	U	0.80	0.13	ug/L		11/17/25 20:44	11/17/25 22:32	1
Dissolved Cadmium	0.29	U	0.92	0.29	ug/L		11/17/25 20:44	11/17/25 22:32	1
Dissolved Calcium	53.6	U	500	53.6	ug/L		11/17/25 20:44	11/17/25 22:32	1
Dissolved Chromium	1.2	U	4.0	1.2	ug/L		11/17/25 20:44	11/17/25 22:32	1
Dissolved Cobalt	0.24	U	2.0	0.24	ug/L		11/17/25 20:44	11/17/25 22:32	1
Dissolved Copper	2.5	U	4.0	2.5	ug/L		11/17/25 20:44	11/17/25 22:32	1
Dissolved Iron	58.2	U	120	58.2	ug/L		11/17/25 20:44	11/17/25 22:32	1
Dissolved Lead	0.84	U	1.2	0.84	ug/L		11/17/25 20:44	11/17/25 22:32	1
Dissolved Magnesium	20.9	U	200	20.9	ug/L		11/17/25 20:44	11/17/25 22:32	1
Dissolved Manganese	1.5	U	8.0	1.5	ug/L		11/17/25 20:44	11/17/25 22:32	1
Dissolved Nickel	0.91	U	4.0	0.91	ug/L		11/17/25 20:44	11/17/25 22:32	1
Dissolved Potassium	112	U	200	112	ug/L		11/17/25 20:44	11/17/25 22:32	1
Dissolved Selenium	0.59	U	2.5	0.59	ug/L		11/17/25 20:44	11/17/25 22:32	1
Dissolved Silver	0.29	U	2.0	0.29	ug/L		11/17/25 20:44	11/17/25 22:32	1
Dissolved Sodium	219	U	500	219	ug/L		11/17/25 20:44	11/17/25 22:32	1
Dissolved Thallium	0.17	U	0.50	0.17	ug/L		11/17/25 20:44	11/17/25 22:32	1
Dissolved Vanadium	0.68	U	4.0	0.68	ug/L		11/17/25 20:44	11/17/25 22:32	1
Dissolved Zinc	6.5	U	16.0	6.5	ug/L		11/17/25 20:44	11/17/25 22:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		11/18/25 10:12	11/18/25 17:57	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Client Sample ID: GW-11222397-111225-ES-09

Lab Sample ID: 460-339416-8

Date Collected: 11/12/25 12:45

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.091	U	0.20	0.091	ug/L		11/17/25 09:40	11/17/25 18:30	1

Client Sample ID: GW-11222397-111225-ES-11

Lab Sample ID: 460-339416-9

Date Collected: 11/12/25 13:35

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3920		40.0	19.5	ug/L		11/26/25 11:09	11/27/25 02:35	1
Antimony	0.61	J	2.0	0.30	ug/L		11/26/25 11:09	11/27/25 02:35	1
Arsenic	0.89	U	2.0	0.89	ug/L		11/26/25 11:09	11/27/25 02:35	1
Barium	340		4.0	0.91	ug/L		11/26/25 11:09	11/27/25 02:35	1
Beryllium	0.25	J	0.80	0.13	ug/L		11/26/25 11:09	11/27/25 02:35	1
Cadmium	0.29	U	0.92	0.29	ug/L		11/26/25 11:09	11/27/25 02:35	1
Calcium	64500		500	53.6	ug/L		11/26/25 11:09	11/27/25 02:35	1
Chromium	6.1		4.0	1.2	ug/L		11/26/25 11:09	11/27/25 02:35	1
Cobalt	5.8		2.0	0.24	ug/L		11/26/25 11:09	11/27/25 02:35	1
Copper	6.1		4.0	2.5	ug/L		11/26/25 11:09	11/27/25 02:35	1
Iron	4120		120	58.2	ug/L		11/26/25 11:09	11/27/25 02:35	1
Lead	5.2		1.2	0.84	ug/L		11/26/25 11:09	11/27/25 02:35	1
Magnesium	40500		200	20.9	ug/L		11/26/25 11:09	11/27/25 02:35	1
Manganese	804		8.0	1.5	ug/L		11/26/25 11:09	11/27/25 02:35	1
Nickel	10.3		4.0	0.91	ug/L		11/26/25 11:09	11/27/25 02:35	1
Potassium	9160		200	112	ug/L		11/26/25 11:09	11/27/25 02:35	1
Selenium	0.59	U	2.5	0.59	ug/L		11/26/25 11:09	11/27/25 02:35	1
Silver	0.29	U	2.0	0.29	ug/L		11/26/25 11:09	11/27/25 02:35	1
Sodium	134000		500	219	ug/L		11/26/25 11:09	11/27/25 02:35	1
Thallium	0.17	U	0.50	0.17	ug/L		11/26/25 11:09	11/27/25 02:35	1
Vanadium	10.0		4.0	0.68	ug/L		11/26/25 11:09	11/27/25 02:35	1
Zinc	26.9		16.0	6.5	ug/L		11/26/25 11:09	11/27/25 02:35	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Aluminum	19.5	U	40.0	19.5	ug/L		11/17/25 20:44	11/17/25 22:55	1
Dissolved Antimony	0.30	U	2.0	0.30	ug/L		11/17/25 20:44	11/17/25 22:55	1
Dissolved Arsenic	0.89	U	2.0	0.89	ug/L		11/17/25 20:44	11/17/25 22:55	1
Dissolved Barium	307		4.0	0.91	ug/L		11/17/25 20:44	11/17/25 22:55	1
Dissolved Beryllium	0.13	U	0.80	0.13	ug/L		11/17/25 20:44	11/17/25 22:55	1
Dissolved Cadmium	0.29	U	0.92	0.29	ug/L		11/17/25 20:44	11/17/25 22:55	1
Dissolved Calcium	61000		500	53.6	ug/L		11/17/25 20:44	11/17/25 22:55	1
Dissolved Chromium	1.2	U	4.0	1.2	ug/L		11/17/25 20:44	11/17/25 22:55	1
Dissolved Cobalt	3.4		2.0	0.24	ug/L		11/17/25 20:44	11/17/25 22:55	1
Dissolved Copper	2.5	U	4.0	2.5	ug/L		11/17/25 20:44	11/17/25 22:55	1
Dissolved Iron	58.2	U	120	58.2	ug/L		11/17/25 20:44	11/17/25 22:55	1
Dissolved Lead	0.84	U	1.2	0.84	ug/L		11/17/25 20:44	11/17/25 22:55	1
Dissolved Magnesium	38500		200	20.9	ug/L		11/17/25 20:44	11/17/25 22:55	1
Dissolved Manganese	731		8.0	1.5	ug/L		11/17/25 20:44	11/17/25 22:55	1
Dissolved Nickel	4.5		4.0	0.91	ug/L		11/17/25 20:44	11/17/25 22:55	1
Dissolved Potassium	7930		200	112	ug/L		11/17/25 20:44	11/17/25 22:55	1
Dissolved Selenium	0.59	U	2.5	0.59	ug/L		11/17/25 20:44	11/17/25 22:55	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Client Sample ID: GW-11222397-111225-ES-11

Lab Sample ID: 460-339416-9

Date Collected: 11/12/25 13:35

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 6020B - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Silver	0.29	U	2.0	0.29	ug/L		11/17/25 20:44	11/17/25 22:55	1
Dissolved Sodium	124000		500	219	ug/L		11/17/25 20:44	11/17/25 22:55	1
Dissolved Thallium	0.17	U	0.50	0.17	ug/L		11/17/25 20:44	11/17/25 22:55	1
Dissolved Vanadium	0.68	U	4.0	0.68	ug/L		11/17/25 20:44	11/17/25 22:55	1
Dissolved Zinc	6.5	U	16.0	6.5	ug/L		11/17/25 20:44	11/17/25 22:55	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		11/18/25 10:12	11/18/25 18:00	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.091	U	0.20	0.091	ug/L		11/17/25 09:40	11/17/25 18:33	1

Client Sample ID: GW-11222397-111225-ES-13

Lab Sample ID: 460-339416-10

Date Collected: 11/12/25 13:40

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3080		40.0	19.5	ug/L		11/26/25 11:09	11/27/25 02:38	1
Antimony	0.59	J	2.0	0.30	ug/L		11/26/25 11:09	11/27/25 02:38	1
Arsenic	0.89	U	2.0	0.89	ug/L		11/26/25 11:09	11/27/25 02:38	1
Barium	343		4.0	0.91	ug/L		11/26/25 11:09	11/27/25 02:38	1
Beryllium	0.21	J	0.80	0.13	ug/L		11/26/25 11:09	11/27/25 02:38	1
Cadmium	0.29	U	0.92	0.29	ug/L		11/26/25 11:09	11/27/25 02:38	1
Calcium	64700		500	53.6	ug/L		11/26/25 11:09	11/27/25 02:38	1
Chromium	4.3		4.0	1.2	ug/L		11/26/25 11:09	11/27/25 02:38	1
Cobalt	4.9		2.0	0.24	ug/L		11/26/25 11:09	11/27/25 02:38	1
Copper	6.6		4.0	2.5	ug/L		11/26/25 11:09	11/27/25 02:38	1
Iron	3000		120	58.2	ug/L		11/26/25 11:09	11/27/25 02:38	1
Lead	3.7		1.2	0.84	ug/L		11/26/25 11:09	11/27/25 02:38	1
Magnesium	40900		200	20.9	ug/L		11/26/25 11:09	11/27/25 02:38	1
Manganese	784		8.0	1.5	ug/L		11/26/25 11:09	11/27/25 02:38	1
Nickel	8.4		4.0	0.91	ug/L		11/26/25 11:09	11/27/25 02:38	1
Potassium	9040		200	112	ug/L		11/26/25 11:09	11/27/25 02:38	1
Selenium	0.59	U	2.5	0.59	ug/L		11/26/25 11:09	11/27/25 02:38	1
Silver	0.29	U	2.0	0.29	ug/L		11/26/25 11:09	11/27/25 02:38	1
Sodium	135000		500	219	ug/L		11/26/25 11:09	11/27/25 02:38	1
Thallium	0.17	U	0.50	0.17	ug/L		11/26/25 11:09	11/27/25 02:38	1
Vanadium	7.6		4.0	0.68	ug/L		11/26/25 11:09	11/27/25 02:38	1
Zinc	37.3		16.0	6.5	ug/L		11/26/25 11:09	11/27/25 02:38	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Aluminum	19.5	U	40.0	19.5	ug/L		11/17/25 20:44	11/17/25 23:04	1
Dissolved Antimony	0.30	U	2.0	0.30	ug/L		11/17/25 20:44	11/17/25 23:04	1
Dissolved Arsenic	0.89	U	2.0	0.89	ug/L		11/17/25 20:44	11/17/25 23:04	1
Dissolved Barium	313		4.0	0.91	ug/L		11/17/25 20:44	11/17/25 23:04	1
Dissolved Beryllium	0.13	U	0.80	0.13	ug/L		11/17/25 20:44	11/17/25 23:04	1
Dissolved Cadmium	0.29	U	0.92	0.29	ug/L		11/17/25 20:44	11/17/25 23:04	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Client Sample ID: GW-11222397-111225-ES-13

Lab Sample ID: 460-339416-10

Date Collected: 11/12/25 13:40

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 6020B - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Calcium	62000		500	53.6	ug/L		11/17/25 20:44	11/17/25 23:04	1
Dissolved Chromium	1.2	U	4.0	1.2	ug/L		11/17/25 20:44	11/17/25 23:04	1
Dissolved Cobalt	3.4		2.0	0.24	ug/L		11/17/25 20:44	11/17/25 23:04	1
Dissolved Copper	2.5	U	4.0	2.5	ug/L		11/17/25 20:44	11/17/25 23:04	1
Dissolved Iron	58.2	U	120	58.2	ug/L		11/17/25 20:44	11/17/25 23:04	1
Dissolved Lead	0.84	U	1.2	0.84	ug/L		11/17/25 20:44	11/17/25 23:04	1
Dissolved Magnesium	39800		200	20.9	ug/L		11/17/25 20:44	11/17/25 23:04	1
Dissolved Manganese	733		8.0	1.5	ug/L		11/17/25 20:44	11/17/25 23:04	1
Dissolved Nickel	4.2		4.0	0.91	ug/L		11/17/25 20:44	11/17/25 23:04	1
Dissolved Potassium	8020		200	112	ug/L		11/17/25 20:44	11/17/25 23:04	1
Dissolved Selenium	0.59	U	2.5	0.59	ug/L		11/17/25 20:44	11/17/25 23:04	1
Dissolved Silver	0.29	U	2.0	0.29	ug/L		11/17/25 20:44	11/17/25 23:04	1
Dissolved Sodium	129000		500	219	ug/L		11/17/25 20:44	11/17/25 23:04	1
Dissolved Thallium	0.17	U	0.50	0.17	ug/L		11/17/25 20:44	11/17/25 23:04	1
Dissolved Vanadium	0.68	U	4.0	0.68	ug/L		11/17/25 20:44	11/17/25 23:04	1
Dissolved Zinc	6.5	U	16.0	6.5	ug/L		11/17/25 20:44	11/17/25 23:04	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		11/18/25 10:12	11/18/25 18:03	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.091	U	0.20	0.091	ug/L		11/17/25 09:40	11/17/25 18:36	1

Client Sample ID: GW-11222397-111225-TF-15

Lab Sample ID: 460-339416-11

Date Collected: 11/12/25 14:40

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 8270C - Semivolatile Organics (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	1.2	U	5.0	1.2	ug/L		11/15/25 11:11	11/16/25 11:32	1
2,2'-oxybis[1-chloropropane]	0.63	U +	10	0.63	ug/L		11/15/25 11:11	11/16/25 11:32	1
2,4,5-Trichlorophenol	0.88	U	10	0.88	ug/L		11/15/25 11:11	11/16/25 11:32	1
2,4,6-Trichlorophenol	0.86	U	3.0	0.86	ug/L		11/15/25 11:11	11/16/25 11:32	1
2,4-Dichlorophenol	1.1	U	10	1.1	ug/L		11/15/25 11:11	11/16/25 11:32	1
2,4-Dimethylphenol	3.1	J	10	0.62	ug/L		11/15/25 11:11	11/16/25 11:32	1
2,4-Dinitrophenol	11	U	12	11	ug/L		11/15/25 11:11	11/16/25 11:32	1
2,4-Dinitrotoluene	1.0	U	10	1.0	ug/L		11/15/25 11:11	11/16/25 11:32	1
2,6-Dinitrotoluene	0.83	U	2.0	0.83	ug/L		11/15/25 11:11	11/16/25 11:32	1
2-Chloronaphthalene	1.2	U	10	1.2	ug/L		11/15/25 11:11	11/16/25 11:32	1
2-Chlorophenol	0.95	U	10	0.95	ug/L		11/15/25 11:11	11/16/25 11:32	1
2-Methylnaphthalene	19		10	0.53	ug/L		11/15/25 11:11	11/16/25 11:32	1
2-Methylphenol	0.67	U	10	0.67	ug/L		11/15/25 11:11	11/16/25 11:32	1
2-Nitroaniline	1.2	U	10	1.2	ug/L		11/15/25 11:11	11/16/25 11:32	1
2-Nitrophenol	0.75	U	10	0.75	ug/L		11/15/25 11:11	11/16/25 11:32	1
3,3'-Dichlorobenzidine	1.4	U	5.2	1.4	ug/L		11/15/25 11:11	11/16/25 11:32	1
3-Nitroaniline	1.9	U	10	1.9	ug/L		11/15/25 11:11	11/16/25 11:32	1
4,6-Dinitro-2-methylphenol	8.6	U	20	8.6	ug/L		11/15/25 11:11	11/16/25 11:32	1
4-Bromophenyl phenyl ether	0.75	U	10	0.75	ug/L		11/15/25 11:11	11/16/25 11:32	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Client Sample ID: GW-11222397-111225-TF-15

Lab Sample ID: 460-339416-11

Date Collected: 11/12/25 14:40

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 8270C - Semivolatile Organics (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	1.3	U	10	1.3	ug/L		11/15/25 11:11	11/16/25 11:32	1
4-Chlorophenyl phenyl ether	1.3	U	10	1.3	ug/L		11/15/25 11:11	11/16/25 11:32	1
4-Methylphenol	0.65	U	10	0.65	ug/L		11/15/25 11:11	11/16/25 11:32	1
4-Nitroaniline	1.2	U	10	1.2	ug/L		11/15/25 11:11	11/16/25 11:32	1
4-Nitrophenol	4.0	U	20	4.0	ug/L		11/15/25 11:11	11/16/25 11:32	1
Acenaphthene	1.1	U	10	1.1	ug/L		11/15/25 11:11	11/16/25 11:32	1
Acenaphthylene	0.82	U	10	0.82	ug/L		11/15/25 11:11	11/16/25 11:32	1
Acetophenone	18		10	2.3	ug/L		11/15/25 11:11	11/16/25 11:32	1
Anthracene	1.3	U	10	1.3	ug/L		11/15/25 11:11	11/16/25 11:32	1
Atrazine	1.3	U	2.0	1.3	ug/L		11/15/25 11:11	11/16/25 11:32	1
Benzaldehyde	2.1	U	10	2.1	ug/L		11/15/25 11:11	11/16/25 11:32	1
Benzo[a]anthracene	0.59	U	1.0	0.59	ug/L		11/15/25 11:11	11/16/25 11:32	1
Benzo[a]pyrene	0.41	U	1.0	0.41	ug/L		11/15/25 11:11	11/16/25 11:32	1
Benzo[b]fluoranthene	0.68	U	2.0	0.68	ug/L		11/15/25 11:11	11/16/25 11:32	1
Benzo[g,h,i]perylene	0.70	U	10	0.70	ug/L		11/15/25 11:11	11/16/25 11:32	1
Benzo[k]fluoranthene	0.67	U	1.0	0.67	ug/L		11/15/25 11:11	11/16/25 11:32	1
Bis(2-chloroethoxy)methane	0.59	U	10	0.59	ug/L		11/15/25 11:11	11/16/25 11:32	1
Bis(2-chloroethyl)ether	0.63	U	1.0	0.63	ug/L		11/15/25 11:11	11/16/25 11:32	1
Bis(2-ethylhexyl) phthalate	0.80	U	2.0	0.80	ug/L		11/15/25 11:11	11/16/25 11:32	1
Butyl benzyl phthalate	0.85	U	10	0.85	ug/L		11/15/25 11:11	11/16/25 11:32	1
Caprolactam	2.2	U	10	2.2	ug/L		11/15/25 11:11	11/16/25 11:32	1
Carbazole	0.68	U	10	0.68	ug/L		11/15/25 11:11	11/16/25 11:32	1
Chrysene	0.91	U	2.0	0.91	ug/L		11/15/25 11:11	11/16/25 11:32	1
Dibenz(a,h)anthracene	0.72	U	1.0	0.72	ug/L		11/15/25 11:11	11/16/25 11:32	1
Dibenzofuran	1.1	U	10	1.1	ug/L		11/15/25 11:11	11/16/25 11:32	1
Diethyl phthalate	0.98	U	10	0.98	ug/L		11/15/25 11:11	11/16/25 11:32	1
Dimethyl phthalate	0.77	U	10	0.77	ug/L		11/15/25 11:11	11/16/25 11:32	1
Di-n-butyl phthalate	0.84	U	10	0.84	ug/L		11/15/25 11:11	11/16/25 11:32	1
Di-n-octyl phthalate	4.0	U	10	4.0	ug/L		11/15/25 11:11	11/16/25 11:32	1
Fluoranthene	0.84	U	10	0.84	ug/L		11/15/25 11:11	11/16/25 11:32	1
Fluorene	0.91	U	10	0.91	ug/L		11/15/25 11:11	11/16/25 11:32	1
Hexachlorobenzene	0.40	U	1.0	0.40	ug/L		11/15/25 11:11	11/16/25 11:32	1
Hexachlorobutadiene	0.78	U	1.0	0.78	ug/L		11/15/25 11:11	11/16/25 11:32	1
Hexachlorocyclopentadiene	3.6	U	10	3.6	ug/L		11/15/25 11:11	11/16/25 11:32	1
Hexachloroethane	0.31	U	0.80	0.31	ug/L		11/15/25 11:11	11/16/25 11:32	1
Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94	ug/L		11/15/25 11:11	11/16/25 11:32	1
Isophorone	0.80	U	10	0.80	ug/L		11/15/25 11:11	11/16/25 11:32	1
Naphthalene	110	ES	2.0	0.54	ug/L		11/15/25 11:11	11/16/25 11:32	1
Nitrobenzene	0.57	U	1.0	0.57	ug/L		11/15/25 11:11	11/16/25 11:32	1
N-Nitrosodi-n-propylamine	0.43	U *+	1.0	0.43	ug/L		11/15/25 11:11	11/16/25 11:32	1
N-Nitrosodiphenylamine	0.89	U	10	0.89	ug/L		11/15/25 11:11	11/16/25 11:32	1
Pentachlorophenol	6.6	U	20	6.6	ug/L		11/15/25 11:11	11/16/25 11:32	1
Phenanthrene	1.3	U	10	1.3	ug/L		11/15/25 11:11	11/16/25 11:32	1
Phenol	0.29	U	10	0.29	ug/L		11/15/25 11:11	11/16/25 11:32	1
Pyrene	1.6	U	10	1.6	ug/L		11/15/25 11:11	11/16/25 11:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	81		24 - 150	11/15/25 11:11	11/16/25 11:32	1
2-Fluorobiphenyl	87		38 - 139	11/15/25 11:11	11/16/25 11:32	1
2-Fluorophenol (Surr)	47		10 - 90	11/15/25 11:11	11/16/25 11:32	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Client Sample ID: GW-11222397-111225-TF-15

Lab Sample ID: 460-339416-11

Date Collected: 11/12/25 14:40

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 8270C - Semivolatile Organics (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	98		39 - 145	11/15/25 11:11	11/16/25 11:32	1
Phenol-d5 (Surr)	50		10 - 68	11/15/25 11:11	11/16/25 11:32	1
Terphenyl-d14 (Surr)	74		10 - 133	11/15/25 11:11	11/16/25 11:32	1

Client Sample ID: TB

Lab Sample ID: 460-339416-12

Date Collected: 11/12/25 00:00

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 8260D - Volatile Organics (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			11/21/25 02:28	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			11/21/25 02:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			11/21/25 02:28	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			11/21/25 02:28	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/21/25 02:28	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/21/25 02:28	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/21/25 02:28	1
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			11/21/25 02:28	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/21/25 02:28	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/21/25 02:28	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/21/25 02:28	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			11/21/25 02:28	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			11/21/25 02:28	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/21/25 02:28	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/21/25 02:28	1
2-Butanone (MEK)	3.9	U	5.0	3.9	ug/L			11/21/25 02:28	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/21/25 02:28	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			11/21/25 02:28	1
Acetone	4.4	U	5.0	4.4	ug/L			11/21/25 02:28	1
Benzene	0.070	U	0.45	0.070	ug/L			11/21/25 02:28	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			11/21/25 02:28	1
Bromoform	0.54	U	1.0	0.54	ug/L			11/21/25 02:28	1
Bromomethane	0.55	U	1.0	0.55	ug/L			11/21/25 02:28	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			11/21/25 02:28	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/21/25 02:28	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/21/25 02:28	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/21/25 02:28	1
Chloroform	0.33	U	1.0	0.33	ug/L			11/21/25 02:28	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/21/25 02:28	1
cis-1,2-Dichloroethene	0.48	U	1.0	0.48	ug/L			11/21/25 02:28	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			11/21/25 02:28	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			11/21/25 02:28	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			11/21/25 02:28	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/21/25 02:28	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			11/21/25 02:28	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			11/21/25 02:28	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			11/21/25 02:28	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			11/21/25 02:28	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			11/21/25 02:28	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Client Sample ID: TB

Lab Sample ID: 460-339416-12

Date Collected: 11/12/25 00:00

Matrix: Water

Date Received: 11/13/25 13:30

Method: SW846 8260D - Volatile Organics (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.65	U	1.0	0.65	ug/L			11/21/25 02:28	1
Styrene	0.42	U	1.0	0.42	ug/L			11/21/25 02:28	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			11/21/25 02:28	1
Toluene	0.38	U	1.0	0.38	ug/L			11/21/25 02:28	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			11/21/25 02:28	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			11/21/25 02:28	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			11/21/25 02:28	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			11/21/25 02:28	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			11/21/25 02:28	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			11/21/25 02:28	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		11/21/25 02:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		70 - 128		11/21/25 02:28	1
4-Bromofluorobenzene	99		76 - 120		11/21/25 02:28	1
Dibromofluoromethane (Surr)	101		77 - 132		11/21/25 02:28	1
Toluene-d8 (Surr)	101		80 - 120		11/21/25 02:28	1

Surrogate Summary

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Method: 8260D - Volatile Organics (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA	BFB	DBFM	TOL			
		(70-128)	(76-120)	(77-132)	(80-120)			
460-339416-1	RB-11222397-111225-TF-06	96	106	99	102			
460-339416-2	GW-11222397-111225-TF-08	99	102	103	100			
460-339416-3	GW-11222397-111225-TF-10	98	99	101	97			
460-339416-4	GW-11222397-111225-TF-12	95	101	100	100			
460-339416-5	GW-11222397-111225-TF-14	96	104	101	101			
460-339416-6	GW-11222397-111225-ES-05	91	109	94	102			
460-339416-7	GW-11222397-111225-ES-07	95	99	100	99			
460-339416-12	TB	95	99	101	101			
LCS 460-1075997/4	Lab Control Sample	98	103	99	101			
LCS 460-1076084/3	Lab Control Sample	99	102	101	101			
LCSD 460-1075997/5	Lab Control Sample Dup	98	103	99	101			
LCSD 460-1076084/4	Lab Control Sample Dup	98	99	100	101			
MB 460-1075997/8	Method Blank	98	98	101	102			
MB 460-1076084/8	Method Blank	102	101	102	101			

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

Method: 8270C - Semivolatile Organics (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TBP	FBP	2FP	NBZ	PHL	TPHL		
		(24-150)	(38-139)	(10-90)	(39-145)	(10-68)	(10-133)		
460-339416-6	GW-11222397-111225-ES-05	77	83	44	94	47	65		
460-339416-11	GW-11222397-111225-TF-15	81	87	47	98	50	74		
LCS 460-1074877/2-A	Lab Control Sample	76	88	54	101	40	69		
LCSD 460-1074877/3-A	Lab Control Sample Dup	78	89	55	102	41	69		
MB 460-1074877/1-A	Method Blank	74	84	59	97	44	48		

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)

PHL = Phenol-d5 (Surr)

TPHL = Terphenyl-d14 (Surr)

QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Method: 8260D - Volatile Organics (GC/MS)

Lab Sample ID: MB 460-1075997/8

Matrix: Water

Analysis Batch: 1075997

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			11/21/25 02:02	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			11/21/25 02:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			11/21/25 02:02	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			11/21/25 02:02	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/21/25 02:02	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/21/25 02:02	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/21/25 02:02	1
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			11/21/25 02:02	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/21/25 02:02	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/21/25 02:02	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/21/25 02:02	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			11/21/25 02:02	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			11/21/25 02:02	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/21/25 02:02	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/21/25 02:02	1
2-Butanone (MEK)	3.9	U	5.0	3.9	ug/L			11/21/25 02:02	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/21/25 02:02	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			11/21/25 02:02	1
Acetone	4.4	U	5.0	4.4	ug/L			11/21/25 02:02	1
Benzene	0.070	U	0.45	0.070	ug/L			11/21/25 02:02	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			11/21/25 02:02	1
Bromoform	0.54	U	1.0	0.54	ug/L			11/21/25 02:02	1
Bromomethane	0.55	U	1.0	0.55	ug/L			11/21/25 02:02	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			11/21/25 02:02	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/21/25 02:02	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/21/25 02:02	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/21/25 02:02	1
Chloroform	0.33	U	1.0	0.33	ug/L			11/21/25 02:02	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/21/25 02:02	1
cis-1,2-Dichloroethene	0.48	U	1.0	0.48	ug/L			11/21/25 02:02	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			11/21/25 02:02	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			11/21/25 02:02	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			11/21/25 02:02	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/21/25 02:02	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			11/21/25 02:02	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			11/21/25 02:02	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			11/21/25 02:02	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			11/21/25 02:02	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			11/21/25 02:02	1
Methylene Chloride	0.65	U	1.0	0.65	ug/L			11/21/25 02:02	1
Styrene	0.42	U	1.0	0.42	ug/L			11/21/25 02:02	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			11/21/25 02:02	1
Toluene	0.38	U	1.0	0.38	ug/L			11/21/25 02:02	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			11/21/25 02:02	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			11/21/25 02:02	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			11/21/25 02:02	1
Trichloroethene (TCE)	0.074	U	0.28	0.074	ug/L			11/21/25 02:02	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			11/21/25 02:02	1

Eurofins Edison

QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Method: 8260D - Volatile Organics (GC/MS) (Continued)

Lab Sample ID: MB 460-1075997/8

Matrix: Water

Analysis Batch: 1075997

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.40	U	1.0	0.40	ug/L			11/21/25 02:02	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			11/21/25 02:02	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		11/21/25 02:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		70 - 128		11/21/25 02:02	1
4-Bromofluorobenzene	98		76 - 120		11/21/25 02:02	1
Dibromofluoromethane (Surr)	101		77 - 132		11/21/25 02:02	1
Toluene-d8 (Surr)	102		80 - 120		11/21/25 02:02	1

Lab Sample ID: LCS 460-1075997/4

Matrix: Water

Analysis Batch: 1075997

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	21.1		ug/L		105	72 - 128
1,1,2,2-Tetrachloroethane	20.0	19.6		ug/L		98	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.6		ug/L		103	65 - 142
1,1,2-Trichloroethane	20.0	19.1		ug/L		96	74 - 125
1,1-Dichloroethane	20.0	20.1		ug/L		101	73 - 130
1,1-Dichloroethene	20.0	20.8		ug/L		104	68 - 133
1,2,4-Trichlorobenzene	20.0	20.1		ug/L		100	67 - 132
1,2,4-Trimethylbenzene	20.0	20.6		ug/L		103	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	17.0		ug/L		85	58 - 132
1,2-Dibromoethane	20.0	20.3		ug/L		102	79 - 126
1,2-Dichlorobenzene	20.0	20.0		ug/L		100	80 - 120
1,2-Dichloroethane	20.0	20.2		ug/L		101	66 - 129
1,2-Dichloropropane	20.0	19.9		ug/L		99	72 - 128
1,3-Dichlorobenzene	20.0	20.5		ug/L		103	80 - 120
1,4-Dichlorobenzene	20.0	20.0		ug/L		100	80 - 120
2-Butanone (MEK)	100	97.6		ug/L		98	65 - 142
2-Hexanone	100	96.1		ug/L		96	72 - 134
4-Methyl-2-pentanone (MIBK)	100	99.2		ug/L		99	77 - 130
Acetone	100	124		ug/L		124	60 - 133
Benzene	20.0	20.8		ug/L		104	71 - 126
Dichlorobromomethane	20.0	20.0		ug/L		100	76 - 121
Bromoform	20.0	19.8		ug/L		99	58 - 128
Bromomethane	20.0	22.3		ug/L		112	33 - 150
Carbon disulfide	20.0	20.5		ug/L		103	35 - 150
Carbon tetrachloride	20.0	21.1		ug/L		105	65 - 131
Chlorobenzene	20.0	20.9		ug/L		104	80 - 120
Chloroethane	20.0	20.6		ug/L		103	54 - 150
Chloroform	20.0	20.7		ug/L		104	78 - 125
Chloromethane	20.0	20.0		ug/L		100	43 - 149
cis-1,2-Dichloroethene	20.0	21.2		ug/L		106	78 - 121

Eurofins Edison

QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Method: 8260D - Volatile Organics (GC/MS) (Continued)

Lab Sample ID: LCS 460-1075997/4

Matrix: Water

Analysis Batch: 1075997

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,3-Dichloropropene	20.0	20.8		ug/L		104	74 - 125
Cyclohexane	20.0	21.1		ug/L		106	64 - 142
Chlorodibromomethane	20.0	20.7		ug/L		104	73 - 121
Dichlorodifluoromethane	20.0	19.9		ug/L		99	38 - 144
Ethylbenzene	20.0	21.3		ug/L		106	78 - 120
Isopropylbenzene	20.0	21.0		ug/L		105	79 - 125
Methyl acetate	40.0	41.5		ug/L		104	50 - 147
Methyl tert-butyl ether	20.0	19.1		ug/L		95	72 - 131
Methylcyclohexane	20.0	20.3		ug/L		102	63 - 138
Methylene Chloride	20.0	19.9		ug/L		99	74 - 127
Styrene	20.0	20.2		ug/L		101	82 - 127
Tetrachloroethene	20.0	20.7		ug/L		104	70 - 127
Toluene	20.0	21.3		ug/L		107	78 - 120
trans-1,2-Dichloroethene	20.0	20.2		ug/L		101	70 - 126
trans-1,3-Dichloropropene	20.0	18.9		ug/L		94	71 - 127
Trichloroethene	20.0	20.1		ug/L		100	73 - 121
Trichloroethene (TCE)	20.0	20.1		ug/L		100	73 - 121
Trichlorofluoromethane	20.0	20.5		ug/L		102	62 - 134
Vinyl chloride	20.0	20.5		ug/L		102	55 - 144
Xylenes, Total	40.0	41.3		ug/L		103	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 128
4-Bromofluorobenzene	103		76 - 120
Dibromofluoromethane (Surr)	99		77 - 132
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: LCSD 460-1075997/5

Matrix: Water

Analysis Batch: 1075997

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	20.0		ug/L		100	72 - 128	5	30
1,1,2,2-Tetrachloroethane	20.0	19.7		ug/L		98	63 - 139	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.9		ug/L		104	65 - 142	1	30
1,1,2-Trichloroethane	20.0	19.9		ug/L		99	74 - 125	4	30
1,1-Dichloroethane	20.0	20.0		ug/L		100	73 - 130	1	30
1,1-Dichloroethene	20.0	19.1		ug/L		96	68 - 133	8	30
1,2,4-Trichlorobenzene	20.0	20.1		ug/L		101	67 - 132	0	30
1,2,4-Trimethylbenzene	20.0	20.6		ug/L		103	75 - 125	0	30
1,2-Dibromo-3-Chloropropane	20.0	19.7		ug/L		99	58 - 132	15	30
1,2-Dibromoethane	20.0	20.7		ug/L		104	79 - 126	2	30
1,2-Dichlorobenzene	20.0	19.9		ug/L		100	80 - 120	0	30
1,2-Dichloroethane	20.0	20.4		ug/L		102	66 - 129	1	30
1,2-Dichloropropane	20.0	19.9		ug/L		99	72 - 128	0	30
1,3-Dichlorobenzene	20.0	20.4		ug/L		102	80 - 120	1	30
1,4-Dichlorobenzene	20.0	20.4		ug/L		102	80 - 120	2	30
2-Butanone (MEK)	100	100		ug/L		100	65 - 142	3	30

Eurofins Edison

QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Method: 8260D - Volatile Organics (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1075997/5

Matrix: Water

Analysis Batch: 1075997

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Hexanone	100	95.0		ug/L		95	72 - 134	1	30
4-Methyl-2-pentanone (MIBK)	100	97.2		ug/L		97	77 - 130	2	30
Acetone	100	111		ug/L		111	60 - 133	11	30
Benzene	20.0	20.6		ug/L		103	71 - 126	1	30
Dichlorobromomethane	20.0	19.8		ug/L		99	76 - 121	1	30
Bromoform	20.0	20.4		ug/L		102	58 - 128	3	30
Bromomethane	20.0	20.9		ug/L		105	33 - 150	6	30
Carbon disulfide	20.0	20.0		ug/L		100	35 - 150	2	30
Carbon tetrachloride	20.0	20.5		ug/L		102	65 - 131	3	30
Chlorobenzene	20.0	21.1		ug/L		105	80 - 120	1	30
Chloroethane	20.0	20.1		ug/L		100	54 - 150	2	30
Chloroform	20.0	20.2		ug/L		101	78 - 125	2	30
Chloromethane	20.0	19.5		ug/L		98	43 - 149	3	30
cis-1,2-Dichloroethene	20.0	20.4		ug/L		102	78 - 121	4	30
cis-1,3-Dichloropropene	20.0	20.5		ug/L		102	74 - 125	1	30
Cyclohexane	20.0	21.0		ug/L		105	64 - 142	1	30
Chlorodibromomethane	20.0	21.1		ug/L		105	73 - 121	2	30
Dichlorodifluoromethane	20.0	20.3		ug/L		102	38 - 144	2	30
Ethylbenzene	20.0	20.8		ug/L		104	78 - 120	2	30
Isopropylbenzene	20.0	20.8		ug/L		104	79 - 125	1	30
Methyl acetate	40.0	40.8		ug/L		102	50 - 147	2	30
Methyl tert-butyl ether	20.0	19.8		ug/L		99	72 - 131	4	30
Methylcyclohexane	20.0	21.0		ug/L		105	63 - 138	3	30
Methylene Chloride	20.0	19.2		ug/L		96	74 - 127	3	30
Styrene	20.0	21.0		ug/L		105	82 - 127	4	30
Tetrachloroethene	20.0	20.9		ug/L		105	70 - 127	1	30
Toluene	20.0	21.2		ug/L		106	78 - 120	0	30
trans-1,2-Dichloroethene	20.0	20.3		ug/L		102	70 - 126	1	30
trans-1,3-Dichloropropene	20.0	19.7		ug/L		98	71 - 127	4	30
Trichloroethene	20.0	20.3		ug/L		102	73 - 121	1	30
Trichloroethene (TCE)	20.0	20.3		ug/L		102	73 - 121	1	30
Trichlorofluoromethane	20.0	20.1		ug/L		100	62 - 134	2	30
Vinyl chloride	20.0	19.8		ug/L		99	55 - 144	3	30
Xylenes, Total	40.0	41.3		ug/L		103	80 - 120	0	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 128
4-Bromofluorobenzene	103		76 - 120
Dibromofluoromethane (Surr)	99		77 - 132
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: MB 460-1076084/8

Matrix: Water

Analysis Batch: 1076084

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			11/21/25 13:30	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			11/21/25 13:30	1

Eurofins Edison

QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Method: 8260D - Volatile Organics (GC/MS) (Continued)

Lab Sample ID: MB 460-1076084/8

Matrix: Water

Analysis Batch: 1076084

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			11/21/25 13:30	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			11/21/25 13:30	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/21/25 13:30	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/21/25 13:30	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/21/25 13:30	1
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			11/21/25 13:30	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/21/25 13:30	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/21/25 13:30	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/21/25 13:30	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			11/21/25 13:30	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			11/21/25 13:30	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/21/25 13:30	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/21/25 13:30	1
2-Butanone (MEK)	3.9	U	5.0	3.9	ug/L			11/21/25 13:30	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/21/25 13:30	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			11/21/25 13:30	1
Acetone	4.4	U	5.0	4.4	ug/L			11/21/25 13:30	1
Benzene	0.070	U	0.45	0.070	ug/L			11/21/25 13:30	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			11/21/25 13:30	1
Bromoform	0.54	U	1.0	0.54	ug/L			11/21/25 13:30	1
Bromomethane	0.55	U	1.0	0.55	ug/L			11/21/25 13:30	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			11/21/25 13:30	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/21/25 13:30	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/21/25 13:30	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/21/25 13:30	1
Chloroform	0.33	U	1.0	0.33	ug/L			11/21/25 13:30	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/21/25 13:30	1
cis-1,2-Dichloroethene	0.48	U	1.0	0.48	ug/L			11/21/25 13:30	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			11/21/25 13:30	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			11/21/25 13:30	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			11/21/25 13:30	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/21/25 13:30	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			11/21/25 13:30	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			11/21/25 13:30	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			11/21/25 13:30	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			11/21/25 13:30	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			11/21/25 13:30	1
Methylene Chloride	0.65	U	1.0	0.65	ug/L			11/21/25 13:30	1
Styrene	0.42	U	1.0	0.42	ug/L			11/21/25 13:30	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			11/21/25 13:30	1
Toluene	0.38	U	1.0	0.38	ug/L			11/21/25 13:30	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			11/21/25 13:30	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			11/21/25 13:30	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			11/21/25 13:30	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			11/21/25 13:30	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			11/21/25 13:30	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			11/21/25 13:30	1

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Method: 8260D - Volatile Organics (GC/MS) (Continued)

Lab Sample ID: MB 460-1076084/8

Matrix: Water

Analysis Batch: 1076084

Client Sample ID: Method Blank

Prep Type: Total/NA

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		ug/L			N/A		11/21/25 13:30	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	102		70 - 128					11/21/25 13:30	1
4-Bromofluorobenzene	101		76 - 120					11/21/25 13:30	1
Dibromofluoromethane (Surr)	102		77 - 132					11/21/25 13:30	1
Toluene-d8 (Surr)	101		80 - 120					11/21/25 13:30	1

Lab Sample ID: LCS 460-1076084/3

Matrix: Water

Analysis Batch: 1076084

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

<i>Analyte</i>	<i>Spike Added</i>	<i>LCS Result</i>	<i>LCS Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec Limits</i>
1,1,1-Trichloroethane	20.0	19.6		ug/L		98	72 - 128
1,1,2,2-Tetrachloroethane	20.0	20.1		ug/L		101	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.9		ug/L		100	65 - 142
1,1,2-Trichloroethane	20.0	19.8		ug/L		99	74 - 125
1,1-Dichloroethane	20.0	18.9		ug/L		95	73 - 130
1,1-Dichloroethene	20.0	19.8		ug/L		99	68 - 133
1,2,4-Trichlorobenzene	20.0	20.8		ug/L		104	67 - 132
1,2,4-Trimethylbenzene	20.0	19.5		ug/L		98	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	22.3		ug/L		112	58 - 132
1,2-Dibromoethane	20.0	19.8		ug/L		99	79 - 126
1,2-Dichlorobenzene	20.0	19.4		ug/L		97	80 - 120
1,2-Dichloroethane	20.0	20.1		ug/L		101	66 - 129
1,2-Dichloropropane	20.0	19.4		ug/L		97	72 - 128
1,3-Dichlorobenzene	20.0	19.8		ug/L		99	80 - 120
1,4-Dichlorobenzene	20.0	19.3		ug/L		97	80 - 120
2-Butanone (MEK)	100	99.0		ug/L		99	65 - 142
2-Hexanone	100	99.5		ug/L		100	72 - 134
4-Methyl-2-pentanone (MIBK)	100	97.5		ug/L		97	77 - 130
Acetone	100	97.3		ug/L		97	60 - 133
Benzene	20.0	19.9		ug/L		100	71 - 126
Dichlorobromomethane	20.0	19.9		ug/L		99	76 - 121
Bromoform	20.0	20.8		ug/L		104	58 - 128
Bromomethane	20.0	19.2		ug/L		96	33 - 150
Carbon disulfide	20.0	19.5		ug/L		98	35 - 150
Carbon tetrachloride	20.0	18.7		ug/L		94	65 - 131
Chlorobenzene	20.0	19.9		ug/L		100	80 - 120
Chloroethane	20.0	15.5		ug/L		78	54 - 150
Chloroform	20.0	19.8		ug/L		99	78 - 125
Chloromethane	20.0	18.5		ug/L		92	43 - 149
cis-1,2-Dichloroethene	20.0	19.6		ug/L		98	78 - 121
cis-1,3-Dichloropropene	20.0	19.6		ug/L		98	74 - 125
Cyclohexane	20.0	19.2		ug/L		96	64 - 142
Chlorodibromomethane	20.0	19.6		ug/L		98	73 - 121
Dichlorodifluoromethane	20.0	18.4		ug/L		92	38 - 144

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Method: 8260D - Volatile Organics (GC/MS) (Continued)

Lab Sample ID: LCS 460-1076084/3

Matrix: Water

Analysis Batch: 1076084

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	20.0	20.6		ug/L		103	78 - 120
Isopropylbenzene	20.0	20.0		ug/L		100	79 - 125
Methyl acetate	40.0	39.7		ug/L		99	50 - 147
Methyl tert-butyl ether	20.0	20.0		ug/L		100	72 - 131
Methylcyclohexane	20.0	19.5		ug/L		98	63 - 138
Methylene Chloride	20.0	19.9		ug/L		99	74 - 127
Styrene	20.0	20.4		ug/L		102	82 - 127
Tetrachloroethene	20.0	20.0		ug/L		100	70 - 127
Toluene	20.0	19.6		ug/L		98	78 - 120
trans-1,2-Dichloroethene	20.0	19.8		ug/L		99	70 - 126
trans-1,3-Dichloropropene	20.0	20.0		ug/L		100	71 - 127
Trichloroethene	20.0	19.3		ug/L		96	73 - 121
Trichlorofluoromethane	20.0	18.0		ug/L		90	62 - 134
Vinyl chloride	20.0	18.9		ug/L		95	55 - 144
Xylenes, Total	40.0	40.2		ug/L		100	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 128
4-Bromofluorobenzene	102		76 - 120
Dibromofluoromethane (Surr)	101		77 - 132
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: LCSD 460-1076084/4

Matrix: Water

Analysis Batch: 1076084

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	21.3		ug/L		106	72 - 128	8	30
1,1,2,2-Tetrachloroethane	20.0	20.7		ug/L		103	63 - 139	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.3		ug/L		106	65 - 142	7	30
1,1,1,2-Trichloroethane	20.0	20.2		ug/L		101	74 - 125	2	30
1,1-Dichloroethane	20.0	20.2		ug/L		101	73 - 130	6	30
1,1-Dichloroethene	20.0	20.5		ug/L		103	68 - 133	4	30
1,2,4-Trichlorobenzene	20.0	21.0		ug/L		105	67 - 132	1	30
1,2,4-Trimethylbenzene	20.0	20.5		ug/L		102	75 - 125	5	30
1,2-Dibromo-3-Chloropropane	20.0	22.1		ug/L		111	58 - 132	1	30
1,2-Dibromoethane	20.0	20.3		ug/L		102	79 - 126	2	30
1,2-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120	6	30
1,2-Dichloroethane	20.0	20.6		ug/L		103	66 - 129	2	30
1,2-Dichloropropane	20.0	20.4		ug/L		102	72 - 128	5	30
1,3-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120	4	30
1,4-Dichlorobenzene	20.0	19.6		ug/L		98	80 - 120	1	30
2-Butanone (MEK)	100	110		ug/L		110	65 - 142	10	30
2-Hexanone	100	101		ug/L		101	72 - 134	2	30
4-Methyl-2-pentanone (MIBK)	100	108		ug/L		108	77 - 130	10	30
Acetone	100	108		ug/L		108	60 - 133	10	30
Benzene	20.0	20.1		ug/L		101	71 - 126	1	30
Dichlorobromomethane	20.0	20.7		ug/L		103	76 - 121	4	30

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Method: 8260D - Volatile Organics (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1076084/4

Matrix: Water

Analysis Batch: 1076084

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromoform	20.0	20.9		ug/L		104	58 - 128	1	30
Bromomethane	20.0	20.5		ug/L		102	33 - 150	6	30
Carbon disulfide	20.0	20.6		ug/L		103	35 - 150	5	30
Carbon tetrachloride	20.0	20.1		ug/L		101	65 - 131	7	30
Chlorobenzene	20.0	20.9		ug/L		105	80 - 120	5	30
Chloroethane	20.0	17.7		ug/L		89	54 - 150	13	30
Chloroform	20.0	20.9		ug/L		104	78 - 125	5	30
Chloromethane	20.0	19.5		ug/L		97	43 - 149	5	30
cis-1,2-Dichloroethene	20.0	20.6		ug/L		103	78 - 121	5	30
cis-1,3-Dichloropropene	20.0	20.4		ug/L		102	74 - 125	4	30
Cyclohexane	20.0	20.6		ug/L		103	64 - 142	7	30
Chlorodibromomethane	20.0	20.5		ug/L		102	73 - 121	5	30
Dichlorodifluoromethane	20.0	19.4		ug/L		97	38 - 144	5	30
Ethylbenzene	20.0	20.8		ug/L		104	78 - 120	1	30
Isopropylbenzene	20.0	20.4		ug/L		102	79 - 125	2	30
Methyl acetate	40.0	42.2		ug/L		106	50 - 147	6	30
Methyl tert-butyl ether	20.0	20.6		ug/L		103	72 - 131	3	30
Methylcyclohexane	20.0	20.6		ug/L		103	63 - 138	5	30
Methylene Chloride	20.0	21.4		ug/L		107	74 - 127	7	30
Styrene	20.0	20.3		ug/L		102	82 - 127	1	30
Tetrachloroethene	20.0	20.5		ug/L		103	70 - 127	3	30
Toluene	20.0	20.6		ug/L		103	78 - 120	5	30
trans-1,2-Dichloroethene	20.0	20.3		ug/L		101	70 - 126	2	30
trans-1,3-Dichloropropene	20.0	21.0		ug/L		105	71 - 127	5	30
Trichloroethene	20.0	20.2		ug/L		101	73 - 121	5	30
Trichlorofluoromethane	20.0	19.1		ug/L		96	62 - 134	6	30
Vinyl chloride	20.0	19.9		ug/L		99	55 - 144	5	30
Xylenes, Total	40.0	41.0		ug/L		102	80 - 120	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 128
4-Bromofluorobenzene	99		76 - 120
Dibromofluoromethane (Surr)	100		77 - 132
Toluene-d8 (Surr)	101		80 - 120

Method: 8270C - Semivolatile Organics (GC/MS)

Lab Sample ID: MB 460-1074877/1-A

Matrix: Water

Analysis Batch: 1074938

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1074877

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	1.2	U	5.0	1.2	ug/L		11/15/25 11:11	11/16/25 09:41	1
2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63	ug/L		11/15/25 11:11	11/16/25 09:41	1
2,4,5-Trichlorophenol	0.88	U	10	0.88	ug/L		11/15/25 11:11	11/16/25 09:41	1
2,4,6-Trichlorophenol	0.86	U	3.0	0.86	ug/L		11/15/25 11:11	11/16/25 09:41	1
2,4-Dichlorophenol	1.1	U	10	1.1	ug/L		11/15/25 11:11	11/16/25 09:41	1
2,4-Dimethylphenol	0.62	U	10	0.62	ug/L		11/15/25 11:11	11/16/25 09:41	1
2,4-Dinitrophenol	11	U	12	11	ug/L		11/15/25 11:11	11/16/25 09:41	1

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Method: 8270C - Semivolatile Organics (GC/MS) (Continued)

Lab Sample ID: MB 460-1074877/1-A

Matrix: Water

Analysis Batch: 1074938

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1074877

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	1.0	U	10	1.0	ug/L		11/15/25 11:11	11/16/25 09:41	1
2,6-Dinitrotoluene	0.83	U	2.0	0.83	ug/L		11/15/25 11:11	11/16/25 09:41	1
2-Chloronaphthalene	1.2	U	10	1.2	ug/L		11/15/25 11:11	11/16/25 09:41	1
2-Chlorophenol	0.95	U	10	0.95	ug/L		11/15/25 11:11	11/16/25 09:41	1
2-Methylnaphthalene	0.53	U	10	0.53	ug/L		11/15/25 11:11	11/16/25 09:41	1
2-Methylphenol	0.67	U	10	0.67	ug/L		11/15/25 11:11	11/16/25 09:41	1
2-Nitroaniline	1.2	U	10	1.2	ug/L		11/15/25 11:11	11/16/25 09:41	1
2-Nitrophenol	0.75	U	10	0.75	ug/L		11/15/25 11:11	11/16/25 09:41	1
3,3'-Dichlorobenzidine	1.4	U	5.2	1.4	ug/L		11/15/25 11:11	11/16/25 09:41	1
3-Nitroaniline	1.9	U	10	1.9	ug/L		11/15/25 11:11	11/16/25 09:41	1
4,6-Dinitro-2-methylphenol	8.6	U	20	8.6	ug/L		11/15/25 11:11	11/16/25 09:41	1
4-Bromophenyl phenyl ether	0.75	U	10	0.75	ug/L		11/15/25 11:11	11/16/25 09:41	1
4-Chloro-3-methylphenol	1.3	U	10	1.3	ug/L		11/15/25 11:11	11/16/25 09:41	1
4-Chlorophenyl phenyl ether	1.3	U	10	1.3	ug/L		11/15/25 11:11	11/16/25 09:41	1
4-Methylphenol	0.65	U	10	0.65	ug/L		11/15/25 11:11	11/16/25 09:41	1
4-Nitroaniline	1.2	U	10	1.2	ug/L		11/15/25 11:11	11/16/25 09:41	1
4-Nitrophenol	4.0	U	20	4.0	ug/L		11/15/25 11:11	11/16/25 09:41	1
Acenaphthene	1.1	U	10	1.1	ug/L		11/15/25 11:11	11/16/25 09:41	1
Acenaphthylene	0.82	U	10	0.82	ug/L		11/15/25 11:11	11/16/25 09:41	1
Acetophenone	2.3	U	10	2.3	ug/L		11/15/25 11:11	11/16/25 09:41	1
Anthracene	1.3	U	10	1.3	ug/L		11/15/25 11:11	11/16/25 09:41	1
Atrazine	1.3	U	2.0	1.3	ug/L		11/15/25 11:11	11/16/25 09:41	1
Benzaldehyde	2.1	U	10	2.1	ug/L		11/15/25 11:11	11/16/25 09:41	1
Benzo[a]anthracene	0.59	U	1.0	0.59	ug/L		11/15/25 11:11	11/16/25 09:41	1
Benzo[a]pyrene	0.41	U	1.0	0.41	ug/L		11/15/25 11:11	11/16/25 09:41	1
Benzo[b]fluoranthene	0.68	U	2.0	0.68	ug/L		11/15/25 11:11	11/16/25 09:41	1
Benzo[g,h,i]perylene	0.70	U	10	0.70	ug/L		11/15/25 11:11	11/16/25 09:41	1
Benzo[k]fluoranthene	0.67	U	1.0	0.67	ug/L		11/15/25 11:11	11/16/25 09:41	1
Bis(2-chloroethoxy)methane	0.59	U	10	0.59	ug/L		11/15/25 11:11	11/16/25 09:41	1
Bis(2-chloroethyl)ether	0.63	U	1.0	0.63	ug/L		11/15/25 11:11	11/16/25 09:41	1
Bis(2-ethylhexyl) phthalate	0.80	U	2.0	0.80	ug/L		11/15/25 11:11	11/16/25 09:41	1
Butyl benzyl phthalate	0.85	U	10	0.85	ug/L		11/15/25 11:11	11/16/25 09:41	1
Caprolactam	2.2	U	10	2.2	ug/L		11/15/25 11:11	11/16/25 09:41	1
Carbazole	0.68	U	10	0.68	ug/L		11/15/25 11:11	11/16/25 09:41	1
Chrysene	0.91	U	2.0	0.91	ug/L		11/15/25 11:11	11/16/25 09:41	1
Dibenz(a,h)anthracene	0.72	U	1.0	0.72	ug/L		11/15/25 11:11	11/16/25 09:41	1
Dibenzofuran	1.1	U	10	1.1	ug/L		11/15/25 11:11	11/16/25 09:41	1
Diethyl phthalate	0.98	U	10	0.98	ug/L		11/15/25 11:11	11/16/25 09:41	1
Dimethyl phthalate	0.77	U	10	0.77	ug/L		11/15/25 11:11	11/16/25 09:41	1
Di-n-butyl phthalate	0.84	U	10	0.84	ug/L		11/15/25 11:11	11/16/25 09:41	1
Di-n-octyl phthalate	4.0	U	10	4.0	ug/L		11/15/25 11:11	11/16/25 09:41	1
Fluoranthene	0.84	U	10	0.84	ug/L		11/15/25 11:11	11/16/25 09:41	1
Fluorene	0.91	U	10	0.91	ug/L		11/15/25 11:11	11/16/25 09:41	1
Hexachlorobenzene	0.40	U	1.0	0.40	ug/L		11/15/25 11:11	11/16/25 09:41	1
Hexachlorobutadiene	0.78	U	1.0	0.78	ug/L		11/15/25 11:11	11/16/25 09:41	1
Hexachlorocyclopentadiene	3.6	U	10	3.6	ug/L		11/15/25 11:11	11/16/25 09:41	1
Hexachloroethane	0.31	U	0.80	0.31	ug/L		11/15/25 11:11	11/16/25 09:41	1
Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94	ug/L		11/15/25 11:11	11/16/25 09:41	1
Isophorone	0.80	U	10	0.80	ug/L		11/15/25 11:11	11/16/25 09:41	1

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Method: 8270C - Semivolatile Organics (GC/MS) (Continued)

Lab Sample ID: MB 460-1074877/1-A

Matrix: Water

Analysis Batch: 1074938

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1074877

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.54	U	2.0	0.54	ug/L		11/15/25 11:11	11/16/25 09:41	1
Nitrobenzene	0.57	U	1.0	0.57	ug/L		11/15/25 11:11	11/16/25 09:41	1
N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43	ug/L		11/15/25 11:11	11/16/25 09:41	1
N-Nitrosodiphenylamine	0.89	U	10	0.89	ug/L		11/15/25 11:11	11/16/25 09:41	1
Pentachlorophenol	6.6	U	20	6.6	ug/L		11/15/25 11:11	11/16/25 09:41	1
Phenanthrene	1.3	U	10	1.3	ug/L		11/15/25 11:11	11/16/25 09:41	1
Phenol	0.29	U	10	0.29	ug/L		11/15/25 11:11	11/16/25 09:41	1
Pyrene	1.6	U	10	1.6	ug/L		11/15/25 11:11	11/16/25 09:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	74		24 - 150	11/15/25 11:11	11/16/25 09:41	1
2-Fluorobiphenyl	84		38 - 139	11/15/25 11:11	11/16/25 09:41	1
2-Fluorophenol (Surr)	59		10 - 90	11/15/25 11:11	11/16/25 09:41	1
Nitrobenzene-d5 (Surr)	97		39 - 145	11/15/25 11:11	11/16/25 09:41	1
Phenol-d5 (Surr)	44		10 - 68	11/15/25 11:11	11/16/25 09:41	1
Terphenyl-d14 (Surr)	48		10 - 133	11/15/25 11:11	11/16/25 09:41	1

Lab Sample ID: LCS 460-1074877/2-A

Matrix: Water

Analysis Batch: 1074938

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1074877

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	80.0	77.9		ug/L		97	56 - 123
2,2'-oxybis[1-chloropropane]	80.0	114	*+	ug/L		143	47 - 122
2,4,5-Trichlorophenol	80.0	76.7		ug/L		96	55 - 124
2,4,6-Trichlorophenol	80.0	76.9		ug/L		96	57 - 131
2,4-Dichlorophenol	80.0	79.4		ug/L		99	53 - 120
2,4-Dimethylphenol	80.0	79.0		ug/L		99	60 - 136
2,4-Dinitrophenol	160	168		ug/L		105	50 - 148
2,4-Dinitrotoluene	80.0	87.8		ug/L		110	62 - 142
2,6-Dinitrotoluene	80.0	87.3		ug/L		109	62 - 136
2-Chloronaphthalene	80.0	77.3		ug/L		97	54 - 129
2-Chlorophenol	80.0	77.8		ug/L		97	46 - 103
2-Methylnaphthalene	80.0	83.7		ug/L		105	45 - 110
2-Methylphenol	80.0	73.9		ug/L		92	39 - 95
2-Nitroaniline	80.0	96.4		ug/L		121	49 - 134
2-Nitrophenol	80.0	80.9		ug/L		101	54 - 124
3,3'-Dichlorobenzidine	80.0	76.2		ug/L		95	44 - 136
3-Nitroaniline	80.0	57.2		ug/L		71	33 - 120
4,6-Dinitro-2-methylphenol	160	189		ug/L		118	54 - 145
4-Bromophenyl phenyl ether	80.0	80.0		ug/L		100	59 - 132
4-Chloro-3-methylphenol	80.0	83.1		ug/L		104	50 - 120
4-Chlorophenyl phenyl ether	80.0	78.0		ug/L		98	61 - 127
4-Methylphenol	80.0	69.6		ug/L		87	33 - 89
4-Nitroaniline	80.0	82.6		ug/L		103	49 - 135
4-Nitrophenol	160	105		ug/L		65	10 - 78
Acenaphthene	80.0	80.7		ug/L		101	58 - 127
Acenaphthylene	80.0	84.6		ug/L		106	63 - 133

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Method: 8270C - Semivolatile Organics (GC/MS) (Continued)

Lab Sample ID: LCS 460-1074877/2-A

Matrix: Water

Analysis Batch: 1074938

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1074877

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetophenone	80.0	97.8		ug/L		122	54 - 125
Anthracene	80.0	86.8		ug/L		109	59 - 127
Atrazine	40.0	56.3		ug/L		141	10 - 150
Benzaldehyde	40.0	58.2		ug/L		146	16 - 150
Benzo[a]anthracene	80.0	78.0		ug/L		97	58 - 131
Benzo[a]pyrene	80.0	87.3		ug/L		109	63 - 148
Benzo[b]fluoranthene	80.0	83.9		ug/L		105	60 - 140
Benzo[g,h,i]perylene	80.0	79.2		ug/L		99	52 - 150
Benzo[k]fluoranthene	80.0	81.9		ug/L		102	60 - 140
Bis(2-chloroethoxy)methane	80.0	91.2		ug/L		114	57 - 122
Bis(2-chloroethyl)ether	80.0	92.7		ug/L		116	55 - 125
Bis(2-ethylhexyl) phthalate	80.0	102		ug/L		128	57 - 144
Butyl benzyl phthalate	80.0	106		ug/L		132	55 - 141
Caprolactam	40.0	11.4		ug/L		29	10 - 66
Carbazole	80.0	90.2		ug/L		113	58 - 132
Chrysene	80.0	84.8		ug/L		106	57 - 132
Dibenz(a,h)anthracene	80.0	87.6		ug/L		110	53 - 150
Dibenzofuran	80.0	81.7		ug/L		102	59 - 125
Diethyl phthalate	80.0	84.5		ug/L		106	56 - 131
Dimethyl phthalate	80.0	85.6		ug/L		107	60 - 129
Di-n-butyl phthalate	80.0	99.7		ug/L		125	55 - 139
Di-n-octyl phthalate	80.0	107		ug/L		134	51 - 150
Fluoranthene	80.0	84.2		ug/L		105	59 - 137
Fluorene	80.0	80.3		ug/L		100	61 - 125
Hexachlorobenzene	80.0	76.6		ug/L		96	62 - 135
Hexachlorobutadiene	80.0	69.2		ug/L		87	16 - 147
Hexachlorocyclopentadiene	80.0	65.0		ug/L		81	27 - 150
Hexachloroethane	80.0	82.4		ug/L		103	10 - 138
Indeno[1,2,3-cd]pyrene	80.0	86.1		ug/L		108	54 - 150
Isophorone	80.0	95.9		ug/L		120	58 - 128
Naphthalene	80.0	84.2		ug/L		105	45 - 126
Nitrobenzene	80.0	92.5		ug/L		116	58 - 127
N-Nitrosodi-n-propylamine	80.0	108	*+	ug/L		135	53 - 133
N-Nitrosodiphenylamine	80.0	86.9		ug/L		109	57 - 128
Pentachlorophenol	160	169		ug/L		106	54 - 140
Phenanthrene	80.0	87.3		ug/L		109	58 - 126
Phenol	80.0	39.8		ug/L		50	13 - 58
Pyrene	80.0	90.2		ug/L		113	53 - 137

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	76		24 - 150
2-Fluorobiphenyl	88		38 - 139
2-Fluorophenol (Surr)	54		10 - 90
Nitrobenzene-d5 (Surr)	101		39 - 145
Phenol-d5 (Surr)	40		10 - 68
Terphenyl-d14 (Surr)	69		10 - 133

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Method: 8270C - Semivolatile Organics (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1074877/3-A

Matrix: Water

Analysis Batch: 1074938

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1074877

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	80.0	78.2		ug/L		98	56 - 123	0	30
2,2'-oxybis[1-chloropropane]	80.0	113	*+	ug/L		142	47 - 122	1	30
2,4,5-Trichlorophenol	80.0	77.3		ug/L		97	55 - 124	1	30
2,4,6-Trichlorophenol	80.0	78.3		ug/L		98	57 - 131	2	30
2,4-Dichlorophenol	80.0	79.2		ug/L		99	53 - 120	0	30
2,4-Dimethylphenol	80.0	78.5		ug/L		98	60 - 136	1	30
2,4-Dinitrophenol	160	171		ug/L		107	50 - 148	2	30
2,4-Dinitrotoluene	80.0	89.1		ug/L		111	62 - 142	1	30
2,6-Dinitrotoluene	80.0	85.0		ug/L		106	62 - 136	3	30
2-Chloronaphthalene	80.0	77.0		ug/L		96	54 - 129	0	30
2-Chlorophenol	80.0	77.4		ug/L		97	46 - 103	1	30
2-Methylnaphthalene	80.0	84.0		ug/L		105	45 - 110	0	30
2-Methylphenol	80.0	75.1		ug/L		94	39 - 95	2	30
2-Nitroaniline	80.0	98.2		ug/L		123	49 - 134	2	30
2-Nitrophenol	80.0	81.6		ug/L		102	54 - 124	1	30
3,3'-Dichlorobenzidine	80.0	77.3		ug/L		97	44 - 136	1	30
3-Nitroaniline	80.0	56.9		ug/L		71	33 - 120	1	30
4,6-Dinitro-2-methylphenol	160	189		ug/L		118	54 - 145	0	30
4-Bromophenyl phenyl ether	80.0	79.4		ug/L		99	59 - 132	1	30
4-Chloro-3-methylphenol	80.0	83.3		ug/L		104	50 - 120	0	30
4-Chlorophenyl phenyl ether	80.0	77.9		ug/L		97	61 - 127	0	30
4-Methylphenol	80.0	69.5		ug/L		87	33 - 89	0	30
4-Nitroaniline	80.0	83.6		ug/L		104	49 - 135	1	30
4-Nitrophenol	160	105		ug/L		66	10 - 78	1	30
Acenaphthene	80.0	82.3		ug/L		103	58 - 127	2	30
Acenaphthylene	80.0	85.1		ug/L		106	63 - 133	0	30
Acetophenone	80.0	98.9		ug/L		124	54 - 125	1	30
Anthracene	80.0	87.6		ug/L		109	59 - 127	1	30
Atrazine	40.0	56.1		ug/L		140	10 - 150	0	30
Benzaldehyde	40.0	59.6		ug/L		149	16 - 150	2	30
Benzo[a]anthracene	80.0	77.3		ug/L		97	58 - 131	1	30
Benzo[a]pyrene	80.0	87.2		ug/L		109	63 - 148	0	30
Benzo[b]fluoranthene	80.0	85.4		ug/L		107	60 - 140	2	30
Benzo[g,h,i]perylene	80.0	80.1		ug/L		100	52 - 150	1	30
Benzo[k]fluoranthene	80.0	83.8		ug/L		105	60 - 140	2	30
Bis(2-chloroethoxy)methane	80.0	91.3		ug/L		114	57 - 122	0	30
Bis(2-chloroethyl)ether	80.0	93.7		ug/L		117	55 - 125	1	30
Bis(2-ethylhexyl) phthalate	80.0	101		ug/L		126	57 - 144	2	30
Butyl benzyl phthalate	80.0	104		ug/L		130	55 - 141	2	30
Caprolactam	40.0	12.0		ug/L		30	10 - 66	4	30
Carbazole	80.0	89.6		ug/L		112	58 - 132	1	30
Chrysene	80.0	85.3		ug/L		107	57 - 132	1	30
Dibenz(a,h)anthracene	80.0	87.5		ug/L		109	53 - 150	0	30
Dibenzofuran	80.0	82.4		ug/L		103	59 - 125	1	30
Diethyl phthalate	80.0	85.8		ug/L		107	56 - 131	1	30
Dimethyl phthalate	80.0	85.3		ug/L		107	60 - 129	0	30
Di-n-butyl phthalate	80.0	100		ug/L		125	55 - 139	0	30
Di-n-octyl phthalate	80.0	107		ug/L		133	51 - 150	1	30

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Method: 8270C - Semivolatile Organics (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1074877/3-A

Matrix: Water

Analysis Batch: 1074938

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1074877

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoranthene	80.0	83.7		ug/L		105	59 - 137	1	30
Fluorene	80.0	81.2		ug/L		101	61 - 125	1	30
Hexachlorobenzene	80.0	78.6		ug/L		98	62 - 135	3	30
Hexachlorobutadiene	80.0	69.4		ug/L		87	16 - 147	0	30
Hexachlorocyclopentadiene	80.0	66.6		ug/L		83	27 - 150	2	30
Hexachloroethane	80.0	82.8		ug/L		103	10 - 138	0	30
Indeno[1,2,3-cd]pyrene	80.0	86.7		ug/L		108	54 - 150	1	30
Isophorone	80.0	95.0		ug/L		119	58 - 128	1	30
Naphthalene	80.0	83.0		ug/L		104	45 - 126	1	30
Nitrobenzene	80.0	92.9		ug/L		116	58 - 127	0	30
N-Nitrosodi-n-propylamine	80.0	107	+	ug/L		134	53 - 133	1	30
N-Nitrosodiphenylamine	80.0	87.9		ug/L		110	57 - 128	1	30
Pentachlorophenol	160	172		ug/L		107	54 - 140	1	30
Phenanthrene	80.0	87.6		ug/L		110	58 - 126	0	30
Phenol	80.0	40.4		ug/L		51	13 - 58	2	30
Pyrene	80.0	90.2		ug/L		113	53 - 137	0	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
2,4,6-Tribromophenol (Surr)	78		24 - 150
2-Fluorobiphenyl	89		38 - 139
2-Fluorophenol (Surr)	55		10 - 90
Nitrobenzene-d5 (Surr)	102		39 - 145
Phenol-d5 (Surr)	41		10 - 68
Terphenyl-d14 (Surr)	69		10 - 133

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1075184/1-A

Matrix: Water

Analysis Batch: 1075128

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1075184

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Aluminum	19.5	U	40.0	19.5	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Antimony	0.30	U	2.0	0.30	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Arsenic	0.89	U	2.0	0.89	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Barium	0.91	U	4.0	0.91	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Beryllium	0.13	U	0.80	0.13	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Cadmium	0.29	U	0.92	0.29	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Calcium	53.6	U	500	53.6	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Chromium	1.2	U	4.0	1.2	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Cobalt	0.24	U	2.0	0.24	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Copper	2.5	U	4.0	2.5	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Iron	58.2	U	120	58.2	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Lead	0.84	U	1.2	0.84	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Magnesium	20.9	U	200	20.9	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Manganese	1.5	U	8.0	1.5	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Nickel	0.91	U	4.0	0.91	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Potassium	112	U	200	112	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Selenium	0.59	U	2.5	0.59	ug/L		11/17/25 20:44	11/17/25 22:29	1

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-1075184/1-A

Matrix: Water

Analysis Batch: 1075128

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1075184

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Silver	0.29	U	2.0	0.29	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Sodium	219	U	500	219	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Thallium	0.17	U	0.50	0.17	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Vanadium	0.68	U	4.0	0.68	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Zinc	6.5	U	16.0	6.5	ug/L		11/17/25 20:44	11/17/25 22:29	1

Lab Sample ID: LCS 460-1075184/2-A

Matrix: Water

Analysis Batch: 1075128

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1075184

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dissolved Aluminum	2500	2542		ug/L		102	80 - 120
Dissolved Antimony	25.0	24.34		ug/L		97	80 - 120
Dissolved Arsenic	50.0	49.19		ug/L		98	80 - 120
Dissolved Barium	50.0	52.28		ug/L		105	80 - 120
Dissolved Beryllium	25.0	23.30		ug/L		93	80 - 120
Dissolved Cadmium	25.0	24.53		ug/L		98	80 - 120
Dissolved Calcium	2500	2551		ug/L		102	80 - 120
Dissolved Chromium	50.0	50.16		ug/L		100	80 - 120
Dissolved Cobalt	25.0	25.16		ug/L		101	80 - 120
Dissolved Copper	50.0	50.47		ug/L		101	80 - 120
Dissolved Iron	2500	2589		ug/L		104	80 - 120
Dissolved Lead	25.0	25.01		ug/L		100	80 - 120
Dissolved Magnesium	2500	2515		ug/L		101	80 - 120
Dissolved Manganese	250	252.2		ug/L		101	80 - 120
Dissolved Nickel	50.0	50.00		ug/L		100	80 - 120
Dissolved Potassium	2500	2548		ug/L		102	80 - 120
Dissolved Selenium	50.0	49.86		ug/L		100	80 - 120
Dissolved Silver	25.0	24.76		ug/L		99	80 - 120
Dissolved Sodium	2500	2539		ug/L		102	80 - 120
Dissolved Thallium	20.0	19.76		ug/L		99	80 - 120
Dissolved Vanadium	50.0	49.99		ug/L		100	80 - 120
Dissolved Zinc	250	246.1		ug/L		98	80 - 120

Lab Sample ID: MB 460-1077158/1-A

Matrix: Water

Analysis Batch: 1077272

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1077158

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	19.5	U	40.0	19.5	ug/L		11/26/25 11:09	11/27/25 02:04	1
Antimony	0.30	U	2.0	0.30	ug/L		11/26/25 11:09	11/27/25 02:04	1
Arsenic	0.89	U	2.0	0.89	ug/L		11/26/25 11:09	11/27/25 02:04	1
Barium	0.91	U	4.0	0.91	ug/L		11/26/25 11:09	11/27/25 02:04	1
Beryllium	0.13	U	0.80	0.13	ug/L		11/26/25 11:09	11/27/25 02:04	1
Cadmium	0.29	U	0.92	0.29	ug/L		11/26/25 11:09	11/27/25 02:04	1
Calcium	53.6	U	500	53.6	ug/L		11/26/25 11:09	11/27/25 02:04	1
Chromium	1.2	U	4.0	1.2	ug/L		11/26/25 11:09	11/27/25 02:04	1
Cobalt	0.24	U	2.0	0.24	ug/L		11/26/25 11:09	11/27/25 02:04	1
Copper	2.5	U	4.0	2.5	ug/L		11/26/25 11:09	11/27/25 02:04	1

Eurofins Edison

QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-1077158/1-A

Matrix: Water

Analysis Batch: 1077272

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1077158

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	58.2	U	120	58.2	ug/L		11/26/25 11:09	11/27/25 02:04	1
Lead	0.84	U	1.2	0.84	ug/L		11/26/25 11:09	11/27/25 02:04	1
Magnesium	20.9	U	200	20.9	ug/L		11/26/25 11:09	11/27/25 02:04	1
Manganese	1.5	U	8.0	1.5	ug/L		11/26/25 11:09	11/27/25 02:04	1
Nickel	0.91	U	4.0	0.91	ug/L		11/26/25 11:09	11/27/25 02:04	1
Potassium	112	U	200	112	ug/L		11/26/25 11:09	11/27/25 02:04	1
Selenium	0.59	U	2.5	0.59	ug/L		11/26/25 11:09	11/27/25 02:04	1
Silver	0.29	U	2.0	0.29	ug/L		11/26/25 11:09	11/27/25 02:04	1
Sodium	219	U	500	219	ug/L		11/26/25 11:09	11/27/25 02:04	1
Thallium	0.17	U	0.50	0.17	ug/L		11/26/25 11:09	11/27/25 02:04	1
Vanadium	0.68	U	4.0	0.68	ug/L		11/26/25 11:09	11/27/25 02:04	1
Zinc	6.5	U	16.0	6.5	ug/L		11/26/25 11:09	11/27/25 02:04	1

Lab Sample ID: LCS 460-1077158/2-A

Matrix: Water

Analysis Batch: 1077272

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1077158

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	2500	2627		ug/L		105	80 - 120
Antimony	25.0	25.28		ug/L		101	80 - 120
Arsenic	50.0	54.70		ug/L		109	80 - 120
Barium	50.0	54.79		ug/L		110	80 - 120
Beryllium	25.0	23.01		ug/L		92	80 - 120
Cadmium	25.0	24.41		ug/L		98	80 - 120
Calcium	2500	2627		ug/L		105	80 - 120
Chromium	50.0	53.44		ug/L		107	80 - 120
Cobalt	25.0	26.70		ug/L		107	80 - 120
Copper	50.0	54.55		ug/L		109	80 - 120
Iron	2500	2727		ug/L		109	80 - 120
Lead	25.0	26.04		ug/L		104	80 - 120
Magnesium	2500	2619		ug/L		105	80 - 120
Manganese	250	263.2		ug/L		105	80 - 120
Nickel	50.0	53.63		ug/L		107	80 - 120
Potassium	2500	2661		ug/L		106	80 - 120
Selenium	50.0	51.65		ug/L		103	80 - 120
Silver	25.0	25.63		ug/L		103	80 - 120
Sodium	2500	2679		ug/L		107	80 - 120
Thallium	20.0	20.49		ug/L		102	80 - 120
Vanadium	50.0	51.38		ug/L		103	80 - 120
Zinc	250	268.3		ug/L		107	80 - 120

Lab Sample ID: 460-339416-7 MS

Matrix: Water

Analysis Batch: 1077272

Client Sample ID: GW-11222397-111225-ES-07

Prep Type: Total/NA

Prep Batch: 1077158

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	23.2	J	2500	2612		ug/L		104	75 - 125
Antimony	0.45	J	25.0	27.93		ug/L		110	75 - 125
Arsenic	0.89	U	50.0	56.63		ug/L		113	75 - 125

Eurofins Edison

QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-339416-7 MS

Matrix: Water

Analysis Batch: 1077272

Client Sample ID: GW-11222397-111225-ES-07

Prep Type: Total/NA

Prep Batch: 1077158

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	269		50.0	325.7	4	ug/L		114	75 - 125
Beryllium	0.13	U	25.0	24.18		ug/L		97	75 - 125
Cadmium	0.29	U	25.0	26.17		ug/L		105	75 - 125
Calcium	50200		2500	52190	4	ug/L		78	75 - 125
Chromium	1.2	U	50.0	54.15		ug/L		108	75 - 125
Cobalt	8.0		25.0	35.12		ug/L		109	75 - 125
Copper	2.5	U	50.0	54.60		ug/L		109	75 - 125
Iron	58.2	U	2500	2756		ug/L		110	75 - 125
Lead	0.84	U	25.0	26.70		ug/L		107	75 - 125
Magnesium	49400		2500	52190	4	ug/L		110	75 - 125
Manganese	9640		250	9904	4	ug/L		104	75 - 125
Nickel	41.8		50.0	95.58		ug/L		108	75 - 125
Potassium	4220		2500	6867		ug/L		106	75 - 125
Selenium	1.5	J	50.0	53.96		ug/L		105	75 - 125
Silver	0.29	U	25.0	26.29		ug/L		105	75 - 125
Sodium	151000		2500	152500	4	ug/L		51	75 - 125
Thallium	0.17	U	20.0	21.23		ug/L		106	75 - 125
Vanadium	0.68	U	50.0	53.64		ug/L		107	75 - 125
Zinc	10.7	J	250	275.9		ug/L		106	75 - 125

Lab Sample ID: 460-339416-7 MSD

Matrix: Water

Analysis Batch: 1077272

Client Sample ID: GW-11222397-111225-ES-07

Prep Type: Total/NA

Prep Batch: 1077158

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	23.2	J	2500	2666		ug/L		106	75 - 125	2	20
Antimony	0.45	J	25.0	27.07		ug/L		106	75 - 125	3	20
Arsenic	0.89	U	50.0	55.04		ug/L		110	75 - 125	3	20
Barium	269		50.0	325.3	4	ug/L		113	75 - 125	0	20
Beryllium	0.13	U	25.0	24.64		ug/L		99	75 - 125	2	20
Cadmium	0.29	U	25.0	26.16		ug/L		105	75 - 125	0	20
Calcium	50200		2500	51400	4	ug/L		46	75 - 125	2	20
Chromium	1.2	U	50.0	53.14		ug/L		106	75 - 125	2	20
Cobalt	8.0		25.0	34.65		ug/L		107	75 - 125	1	20
Copper	2.5	U	50.0	53.05		ug/L		106	75 - 125	3	20
Iron	58.2	U	2500	2676		ug/L		107	75 - 125	3	20
Lead	0.84	U	25.0	26.65		ug/L		107	75 - 125	0	20
Magnesium	49400		2500	52740	4	ug/L		132	75 - 125	1	20
Manganese	9640		250	9884	4	ug/L		95	75 - 125	0	20
Nickel	41.8		50.0	95.57		ug/L		108	75 - 125	0	20
Potassium	4220		2500	6765		ug/L		102	75 - 125	1	20
Selenium	1.5	J	50.0	50.50		ug/L		98	75 - 125	7	20
Silver	0.29	U	25.0	25.46		ug/L		102	75 - 125	3	20
Sodium	151000		2500	153500	4	ug/L		93	75 - 125	1	20
Thallium	0.17	U	20.0	21.01		ug/L		105	75 - 125	1	20
Vanadium	0.68	U	50.0	54.34		ug/L		109	75 - 125	1	20
Zinc	10.7	J	250	281.9		ug/L		108	75 - 125	2	20

Eurofins Edison

QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-339416-7 DU

Matrix: Water

Analysis Batch: 1077272

Client Sample ID: GW-11222397-111225-ES-07

Prep Type: Total/NA

Prep Batch: 1077158

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Aluminum	23.2	J	19.5	U	ug/L		NC	20
Antimony	0.45	J	0.500	J	ug/L		11	20
Arsenic	0.89	U	0.89	U	ug/L		NC	20
Barium	269		272.7		ug/L		1	20
Beryllium	0.13	U	0.13	U	ug/L		NC	20
Cadmium	0.29	U	0.29	U	ug/L		NC	20
Calcium	50200		50990		ug/L		1	20
Chromium	1.2	U	1.2	U	ug/L		NC	20
Cobalt	8.0		8.30		ug/L		4	20
Copper	2.5	U	2.5	U	ug/L		NC	20
Iron	58.2	U	58.2	U	ug/L		NC	20
Lead	0.84	U	0.84	U	ug/L		NC	20
Magnesium	49400		49960		ug/L		1	20
Manganese	9640		9725		ug/L		0.8	20
Nickel	41.8		41.95		ug/L		0.4	20
Potassium	4220		4270		ug/L		1	20
Selenium	1.5	J	1.61	J	ug/L		5	20
Silver	0.29	U	0.29	U	ug/L		NC	20
Sodium	151000		152800		ug/L		1	20
Thallium	0.17	U	0.17	U	ug/L		NC	20
Vanadium	0.68	U	0.68	U	ug/L		NC	20
Zinc	10.7	J	10.55	J	ug/L		2	20

Lab Sample ID: 460-339416-7 MS

Matrix: Water

Analysis Batch: 1075128

Client Sample ID: GW-11222397-111225-ES-07

Prep Type: Dissolved

Prep Batch: 1075184

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dissolved Aluminum	19.5	U	2500	2387		ug/L		95	75 - 125
Dissolved Antimony	0.30	U F1	25.0	14.70	F1	ug/L		59	75 - 125
Dissolved Arsenic	0.89	U	50.0	45.49		ug/L		91	75 - 125
Dissolved Barium	265		50.0	307.5	4	ug/L		84	75 - 125
Dissolved Beryllium	0.13	U	25.0	21.88		ug/L		88	75 - 125
Dissolved Cadmium	0.29	U	25.0	22.36		ug/L		89	75 - 125
Dissolved Calcium	48100		2500	49980	4	ug/L		76	75 - 125
Dissolved Chromium	1.2	U	50.0	44.37		ug/L		89	75 - 125
Dissolved Cobalt	6.4		25.0	29.52		ug/L		92	75 - 125
Dissolved Copper	2.5	U	50.0	46.68		ug/L		93	75 - 125
Dissolved Iron	58.2	U	2500	2355		ug/L		94	75 - 125
Dissolved Lead	0.84	U	25.0	23.31		ug/L		93	75 - 125
Dissolved Magnesium	48300		2500	50240	4	ug/L		80	75 - 125
Dissolved Manganese	8660		250	8857	4	ug/L		79	75 - 125
Dissolved Nickel	29.8		50.0	75.77		ug/L		92	75 - 125
Dissolved Potassium	3880		2500	6165		ug/L		91	75 - 125
Dissolved Selenium	1.5	J	50.0	48.37		ug/L		94	75 - 125
Dissolved Silver	0.29	U	25.0	20.56		ug/L		82	75 - 125
Dissolved Sodium	143000		2500	144100	4	ug/L		39	75 - 125
Dissolved Thallium	0.17	U	20.0	18.56		ug/L		93	75 - 125
Dissolved Vanadium	0.68	U	50.0	46.97		ug/L		94	75 - 125

Eurofins Edison

QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-339416-7 MS

Matrix: Water

Analysis Batch: 1075128

Client Sample ID: GW-11222397-111225-ES-07

Prep Type: Dissolved

Prep Batch: 1075184

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dissolved Zinc	6.5	U	250	238.6		ug/L		95	75 - 125

Lab Sample ID: 460-339416-7 MSD

Matrix: Water

Analysis Batch: 1075128

Client Sample ID: GW-11222397-111225-ES-07

Prep Type: Dissolved

Prep Batch: 1075184

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dissolved Aluminum	19.5	U	2500	2306		ug/L		92	75 - 125	3	20
Dissolved Antimony	0.30	U F1	25.0	14.71	F1	ug/L		59	75 - 125	0	20
Dissolved Arsenic	0.89	U	50.0	47.02		ug/L		94	75 - 125	3	20
Dissolved Barium	265		50.0	308.2	4	ug/L		85	75 - 125	0	20
Dissolved Beryllium	0.13	U	25.0	21.87		ug/L		87	75 - 125	0	20
Dissolved Cadmium	0.29	U	25.0	23.08		ug/L		92	75 - 125	3	20
Dissolved Calcium	48100		2500	49880	4	ug/L		72	75 - 125	0	20
Dissolved Chromium	1.2	U	50.0	46.23		ug/L		92	75 - 125	4	20
Dissolved Cobalt	6.4		25.0	29.50		ug/L		92	75 - 125	0	20
Dissolved Copper	2.5	U	50.0	46.26		ug/L		93	75 - 125	1	20
Dissolved Iron	58.2	U	2500	2324		ug/L		93	75 - 125	1	20
Dissolved Lead	0.84	U	25.0	23.03		ug/L		92	75 - 125	1	20
Dissolved Magnesium	48300		2500	50080	4	ug/L		73	75 - 125	0	20
Dissolved Manganese	8660		250	8827	4	ug/L		67	75 - 125	0	20
Dissolved Nickel	29.8		50.0	75.92		ug/L		92	75 - 125	0	20
Dissolved Potassium	3880		2500	6141		ug/L		90	75 - 125	0	20
Dissolved Selenium	1.5	J	50.0	46.84		ug/L		91	75 - 125	3	20
Dissolved Silver	0.29	U	25.0	21.07		ug/L		84	75 - 125	2	20
Dissolved Sodium	143000		2500	144500	4	ug/L		55	75 - 125	0	20
Dissolved Thallium	0.17	U	20.0	18.43		ug/L		92	75 - 125	1	20
Dissolved Vanadium	0.68	U	50.0	47.60		ug/L		95	75 - 125	1	20
Dissolved Zinc	6.5	U	250	238.2		ug/L		95	75 - 125	0	20

Lab Sample ID: 460-339416-7 DU

Matrix: Water

Analysis Batch: 1075128

Client Sample ID: GW-11222397-111225-ES-07

Prep Type: Dissolved

Prep Batch: 1075184

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Dissolved Aluminum	19.5	U	19.5	U	ug/L		NC	20
Dissolved Antimony	0.30	U F1	0.30	U	ug/L		NC	20
Dissolved Arsenic	0.89	U	0.89	U	ug/L		NC	20
Dissolved Barium	265		263.2		ug/L		0.9	20
Dissolved Beryllium	0.13	U	0.13	U	ug/L		NC	20
Dissolved Cadmium	0.29	U	0.29	U	ug/L		NC	20
Dissolved Calcium	48100		48170		ug/L		0.2	20
Dissolved Chromium	1.2	U	1.2	U	ug/L		NC	20
Dissolved Cobalt	6.4		6.61		ug/L		2	20
Dissolved Copper	2.5	U	2.5	U	ug/L		NC	20
Dissolved Iron	58.2	U	58.2	U	ug/L		NC	20
Dissolved Lead	0.84	U	0.84	U	ug/L		NC	20
Dissolved Magnesium	48300		48190		ug/L		0.1	20
Dissolved Manganese	8660		8720		ug/L		0.7	20

Eurofins Edison

QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-339416-7 DU

Matrix: Water

Analysis Batch: 1075128

Client Sample ID: GW-11222397-111225-ES-07

Prep Type: Dissolved

Prep Batch: 1075184

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Dissolved Nickel	29.8		30.61		ug/L		3	20
Dissolved Potassium	3880		3932		ug/L		1	20
Dissolved Selenium	1.5	J	2.01	J F5	ug/L		28	20
Dissolved Silver	0.29	U	0.29	U	ug/L		NC	20
Dissolved Sodium	143000		143600		ug/L		0.3	20
Dissolved Thallium	0.17	U	0.17	U	ug/L		NC	20
Dissolved Vanadium	0.68	U	0.68	U	ug/L		NC	20
Dissolved Zinc	6.5	U	6.5	U	ug/L		NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 460-1075071/2-A

Matrix: Water

Analysis Batch: 1075163

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1075071

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.091	U	0.20	0.091	ug/L		11/17/25 09:40	11/17/25 17:47	1

Lab Sample ID: LCS 460-1075071/3-A

Matrix: Water

Analysis Batch: 1075163

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1075071

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury, Dissolved	1.00	0.966		ug/L		97	80 - 120

Lab Sample ID: MB 460-1075285/13-A

Matrix: Water

Analysis Batch: 1075398

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1075285

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		11/18/25 09:34	11/18/25 16:08	1

Lab Sample ID: LCS 460-1075285/14-A

Matrix: Water

Analysis Batch: 1075398

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1075285

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	1.00	0.975		ug/L		98	80 - 120

Lab Sample ID: 460-339416-7 MS

Matrix: Water

Analysis Batch: 1075398

Client Sample ID: GW-11222397-111225-ES-07

Prep Type: Total/NA

Prep Batch: 1075285

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.091	U	1.00	1.02		ug/L		102	75 - 125

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 460-339416-7 MSD

Matrix: Water

Analysis Batch: 1075398

Client Sample ID: GW-11222397-111225-ES-07

Prep Type: Total/NA

Prep Batch: 1075285

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.091	U	1.00	1.03		ug/L		103	75 - 125	1	20

Lab Sample ID: 460-339416-7 DU

Matrix: Water

Analysis Batch: 1075398

Client Sample ID: GW-11222397-111225-ES-07

Prep Type: Total/NA

Prep Batch: 1075285

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.091	U	0.091	U	ug/L		NC	20

Lab Sample ID: MB 460-1075293/1-A

Matrix: Water

Analysis Batch: 1075398

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1075293

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		11/18/25 10:12	11/18/25 17:40	1

Lab Sample ID: LCS 460-1075293/2-A

Matrix: Water

Analysis Batch: 1075398

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1075293

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	1.00	1.10		ug/L		110	80 - 120

Lab Sample ID: 460-339490-F-1-C MS

Matrix: Water

Analysis Batch: 1075398

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 1075293

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.091	U	1.00	1.00		ug/L		100	75 - 125

Lab Sample ID: 460-339490-F-1-B DU

Matrix: Water

Analysis Batch: 1075398

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 1075293

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.091	U	0.091	U	ug/L		NC	20

Lab Sample ID: 460-339416-7 MS

Matrix: Water

Analysis Batch: 1075163

Client Sample ID: GW-11222397-111225-ES-07

Prep Type: Dissolved

Prep Batch: 1075071

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury, Dissolved	0.091	U	1.00	1.03		ug/L		103	75 - 125

Lab Sample ID: 460-339416-7 MSD

Matrix: Water

Analysis Batch: 1075163

Client Sample ID: GW-11222397-111225-ES-07

Prep Type: Dissolved

Prep Batch: 1075071

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury, Dissolved	0.091	U	1.00	1.04		ug/L		104	75 - 125	1	20

Eurofins Edison

QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: 460-339416-7 DU
Matrix: Water
Analysis Batch: 1075163

Client Sample ID: GW-11222397-111225-ES-07
Prep Type: Dissolved
Prep Batch: 1075071

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury, Dissolved	0.091	U	0.091	U	ug/L		NC	20

QC Association Summary

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

GC/MS VOA

Analysis Batch: 1075997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339416-1	RB-11222397-111225-TF-06	Total/NA	Water	8260D	
460-339416-4	GW-11222397-111225-TF-12	Total/NA	Water	8260D	
460-339416-5	GW-11222397-111225-TF-14	Total/NA	Water	8260D	
460-339416-6	GW-11222397-111225-ES-05	Total/NA	Water	8260D	
460-339416-7	GW-11222397-111225-ES-07	Total/NA	Water	8260D	
460-339416-12	TB	Total/NA	Water	8260D	
MB 460-1075997/8	Method Blank	Total/NA	Water	8260D	
LCS 460-1075997/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1075997/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 1076084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339416-2	GW-11222397-111225-TF-08	Total/NA	Water	8260D	
460-339416-3	GW-11222397-111225-TF-10	Total/NA	Water	8260D	
MB 460-1076084/8	Method Blank	Total/NA	Water	8260D	
LCS 460-1076084/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1076084/4	Lab Control Sample Dup	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 1074877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339416-6	GW-11222397-111225-ES-05	Total/NA	Water	3510C	
460-339416-11	GW-11222397-111225-TF-15	Total/NA	Water	3510C	
MB 460-1074877/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1074877/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1074877/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 1074938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339416-6	GW-11222397-111225-ES-05	Total/NA	Water	8270C	1074877
460-339416-11	GW-11222397-111225-TF-15	Total/NA	Water	8270C	1074877
MB 460-1074877/1-A	Method Blank	Total/NA	Water	8270C	1074877
LCS 460-1074877/2-A	Lab Control Sample	Total/NA	Water	8270C	1074877
LCSD 460-1074877/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	1074877

Metals

Prep Batch: 1075071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339416-7	GW-11222397-111225-ES-07	Dissolved	Water	7470A	
460-339416-8	GW-11222397-111225-ES-09	Dissolved	Water	7470A	
460-339416-9	GW-11222397-111225-ES-11	Dissolved	Water	7470A	
460-339416-10	GW-11222397-111225-ES-13	Dissolved	Water	7470A	
MB 460-1075071/2-A	Method Blank	Total/NA	Water	7470A	
LCS 460-1075071/3-A	Lab Control Sample	Total/NA	Water	7470A	
460-339416-7 MS	GW-11222397-111225-ES-07	Dissolved	Water	7470A	
460-339416-7 MSD	GW-11222397-111225-ES-07	Dissolved	Water	7470A	
460-339416-7 DU	GW-11222397-111225-ES-07	Dissolved	Water	7470A	

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QC Association Summary

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Metals

Analysis Batch: 1075128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339416-7	GW-11222397-111225-ES-07	Dissolved	Water	6020B	1075184
460-339416-8	GW-11222397-111225-ES-09	Dissolved	Water	6020B	1075184
460-339416-9	GW-11222397-111225-ES-11	Dissolved	Water	6020B	1075184
460-339416-10	GW-11222397-111225-ES-13	Dissolved	Water	6020B	1075184
MB 460-1075184/1-A	Method Blank	Total/NA	Water	6020B	1075184
LCS 460-1075184/2-A	Lab Control Sample	Total/NA	Water	6020B	1075184
460-339416-7 MS	GW-11222397-111225-ES-07	Dissolved	Water	6020B	1075184
460-339416-7 MSD	GW-11222397-111225-ES-07	Dissolved	Water	6020B	1075184
460-339416-7 DU	GW-11222397-111225-ES-07	Dissolved	Water	6020B	1075184

Analysis Batch: 1075163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339416-7	GW-11222397-111225-ES-07	Dissolved	Water	7470A	1075071
460-339416-8	GW-11222397-111225-ES-09	Dissolved	Water	7470A	1075071
460-339416-9	GW-11222397-111225-ES-11	Dissolved	Water	7470A	1075071
460-339416-10	GW-11222397-111225-ES-13	Dissolved	Water	7470A	1075071
MB 460-1075071/2-A	Method Blank	Total/NA	Water	7470A	1075071
LCS 460-1075071/3-A	Lab Control Sample	Total/NA	Water	7470A	1075071
460-339416-7 MS	GW-11222397-111225-ES-07	Dissolved	Water	7470A	1075071
460-339416-7 MSD	GW-11222397-111225-ES-07	Dissolved	Water	7470A	1075071
460-339416-7 DU	GW-11222397-111225-ES-07	Dissolved	Water	7470A	1075071

Prep Batch: 1075184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339416-7	GW-11222397-111225-ES-07	Dissolved	Water	3010A	
460-339416-8	GW-11222397-111225-ES-09	Dissolved	Water	3010A	
460-339416-9	GW-11222397-111225-ES-11	Dissolved	Water	3010A	
460-339416-10	GW-11222397-111225-ES-13	Dissolved	Water	3010A	
MB 460-1075184/1-A	Method Blank	Total/NA	Water	3010A	
LCS 460-1075184/2-A	Lab Control Sample	Total/NA	Water	3010A	
460-339416-7 MS	GW-11222397-111225-ES-07	Dissolved	Water	3010A	
460-339416-7 MSD	GW-11222397-111225-ES-07	Dissolved	Water	3010A	
460-339416-7 DU	GW-11222397-111225-ES-07	Dissolved	Water	3010A	

Prep Batch: 1075285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339416-7	GW-11222397-111225-ES-07	Total/NA	Water	7470A	
MB 460-1075285/13-A	Method Blank	Total/NA	Water	7470A	
LCS 460-1075285/14-A	Lab Control Sample	Total/NA	Water	7470A	
460-339416-7 MS	GW-11222397-111225-ES-07	Total/NA	Water	7470A	
460-339416-7 MSD	GW-11222397-111225-ES-07	Total/NA	Water	7470A	
460-339416-7 DU	GW-11222397-111225-ES-07	Total/NA	Water	7470A	

Prep Batch: 1075293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339416-8	GW-11222397-111225-ES-09	Total/NA	Water	7470A	
460-339416-9	GW-11222397-111225-ES-11	Total/NA	Water	7470A	
460-339416-10	GW-11222397-111225-ES-13	Total/NA	Water	7470A	
MB 460-1075293/1-A	Method Blank	Total/NA	Water	7470A	
LCS 460-1075293/2-A	Lab Control Sample	Total/NA	Water	7470A	
460-339490-F-1-C MS	Matrix Spike	Total/NA	Water	7470A	

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QC Association Summary

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Metals (Continued)

Prep Batch: 1075293 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339490-F-1-B DU	Duplicate	Total/NA	Water	7470A	

Analysis Batch: 1075398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339416-7	GW-11222397-111225-ES-07	Total/NA	Water	7470A	1075285
460-339416-8	GW-11222397-111225-ES-09	Total/NA	Water	7470A	1075293
460-339416-9	GW-11222397-111225-ES-11	Total/NA	Water	7470A	1075293
460-339416-10	GW-11222397-111225-ES-13	Total/NA	Water	7470A	1075293
MB 460-1075285/13-A	Method Blank	Total/NA	Water	7470A	1075285
MB 460-1075293/1-A	Method Blank	Total/NA	Water	7470A	1075293
LCS 460-1075285/14-A	Lab Control Sample	Total/NA	Water	7470A	1075285
LCS 460-1075293/2-A	Lab Control Sample	Total/NA	Water	7470A	1075293
460-339416-7 MS	GW-11222397-111225-ES-07	Total/NA	Water	7470A	1075285
460-339416-7 MSD	GW-11222397-111225-ES-07	Total/NA	Water	7470A	1075285
460-339490-F-1-C MS	Matrix Spike	Total/NA	Water	7470A	1075293
460-339416-7 DU	GW-11222397-111225-ES-07	Total/NA	Water	7470A	1075285
460-339490-F-1-B DU	Duplicate	Total/NA	Water	7470A	1075293

Prep Batch: 1077158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339416-7	GW-11222397-111225-ES-07	Total/NA	Water	3010A	
460-339416-8	GW-11222397-111225-ES-09	Total/NA	Water	3010A	
460-339416-9	GW-11222397-111225-ES-11	Total/NA	Water	3010A	
460-339416-10	GW-11222397-111225-ES-13	Total/NA	Water	3010A	
MB 460-1077158/1-A	Method Blank	Total/NA	Water	3010A	
LCS 460-1077158/2-A	Lab Control Sample	Total/NA	Water	3010A	
460-339416-7 MS	GW-11222397-111225-ES-07	Total/NA	Water	3010A	
460-339416-7 MSD	GW-11222397-111225-ES-07	Total/NA	Water	3010A	
460-339416-7 DU	GW-11222397-111225-ES-07	Total/NA	Water	3010A	

Analysis Batch: 1077272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339416-7	GW-11222397-111225-ES-07	Total/NA	Water	6020B	1077158
460-339416-8	GW-11222397-111225-ES-09	Total/NA	Water	6020B	1077158
460-339416-9	GW-11222397-111225-ES-11	Total/NA	Water	6020B	1077158
460-339416-10	GW-11222397-111225-ES-13	Total/NA	Water	6020B	1077158
MB 460-1077158/1-A	Method Blank	Total/NA	Water	6020B	1077158
LCS 460-1077158/2-A	Lab Control Sample	Total/NA	Water	6020B	1077158
460-339416-7 MS	GW-11222397-111225-ES-07	Total/NA	Water	6020B	1077158
460-339416-7 MSD	GW-11222397-111225-ES-07	Total/NA	Water	6020B	1077158
460-339416-7 DU	GW-11222397-111225-ES-07	Total/NA	Water	6020B	1077158

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Client Sample ID: RB-11222397-111225-TF-06

Lab Sample ID: 460-339416-1

Date Collected: 11/12/25 08:45

Matrix: Water

Date Received: 11/13/25 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1075997	KLB	EET EDI	11/21/25 02:53

Client Sample ID: GW-11222397-111225-TF-08

Lab Sample ID: 460-339416-2

Date Collected: 11/12/25 10:50

Matrix: Water

Date Received: 11/13/25 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1076084	CJM	EET EDI	11/21/25 14:46

Client Sample ID: GW-11222397-111225-TF-10

Lab Sample ID: 460-339416-3

Date Collected: 11/12/25 12:15

Matrix: Water

Date Received: 11/13/25 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1076084	CJM	EET EDI	11/21/25 14:20

Client Sample ID: GW-11222397-111225-TF-12

Lab Sample ID: 460-339416-4

Date Collected: 11/12/25 13:45

Matrix: Water

Date Received: 11/13/25 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1075997	KLB	EET EDI	11/21/25 05:24

Client Sample ID: GW-11222397-111225-TF-14

Lab Sample ID: 460-339416-5

Date Collected: 11/12/25 13:50

Matrix: Water

Date Received: 11/13/25 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1075997	KLB	EET EDI	11/21/25 03:18

Client Sample ID: GW-11222397-111225-ES-05

Lab Sample ID: 460-339416-6

Date Collected: 11/12/25 10:40

Matrix: Water

Date Received: 11/13/25 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		5	1075997	KLB	EET EDI	11/21/25 08:21
Total/NA	Prep	3510C			1074877	NMP	EET EDI	11/15/25 11:11
Total/NA	Analysis	8270C		1	1074938	YAH	EET EDI	11/16/25 11:11

Client Sample ID: GW-11222397-111225-ES-07

Lab Sample ID: 460-339416-7

Date Collected: 11/12/25 12:05

Matrix: Water

Date Received: 11/13/25 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1075997	KLB	EET EDI	11/21/25 05:49

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Lab Chronicle

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Client Sample ID: GW-11222397-111225-ES-07

Lab Sample ID: 460-339416-7

Date Collected: 11/12/25 12:05

Matrix: Water

Date Received: 11/13/25 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3010A			1075184	VAD	EET EDI	11/17/25 20:44
Dissolved	Analysis	6020B		1	1075128	CDC	EET EDI	11/17/25 22:47
Total/NA	Prep	3010A			1077158	ORE	EET EDI	11/26/25 11:09
Total/NA	Analysis	6020B		1	1077272	DLE	EET EDI	11/27/25 02:19
Dissolved	Prep	7470A			1075071	TOH	EET EDI	11/17/25 09:40
Dissolved	Analysis	7470A		1	1075163	TOH	EET EDI	11/17/25 17:53
Total/NA	Prep	7470A			1075285	TOH	EET EDI	11/18/25 09:34
Total/NA	Analysis	7470A		1	1075398	TOH	EET EDI	11/18/25 16:13

Client Sample ID: GW-11222397-111225-ES-09

Lab Sample ID: 460-339416-8

Date Collected: 11/12/25 12:45

Matrix: Water

Date Received: 11/13/25 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3010A			1075184	VAD	EET EDI	11/17/25 20:44
Dissolved	Analysis	6020B		1	1075128	CDC	EET EDI	11/17/25 22:32
Total/NA	Prep	3010A			1077158	ORE	EET EDI	11/26/25 11:09
Total/NA	Analysis	6020B		1	1077272	DLE	EET EDI	11/27/25 02:27
Dissolved	Prep	7470A			1075071	TOH	EET EDI	11/17/25 09:40
Dissolved	Analysis	7470A		1	1075163	TOH	EET EDI	11/17/25 18:30
Total/NA	Prep	7470A			1075293	TOH	EET EDI	11/18/25 10:12
Total/NA	Analysis	7470A		1	1075398	TOH	EET EDI	11/18/25 17:57

Client Sample ID: GW-11222397-111225-ES-11

Lab Sample ID: 460-339416-9

Date Collected: 11/12/25 13:35

Matrix: Water

Date Received: 11/13/25 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3010A			1075184	VAD	EET EDI	11/17/25 20:44
Dissolved	Analysis	6020B		1	1075128	CDC	EET EDI	11/17/25 22:55
Total/NA	Prep	3010A			1077158	ORE	EET EDI	11/26/25 11:09
Total/NA	Analysis	6020B		1	1077272	DLE	EET EDI	11/27/25 02:35
Dissolved	Prep	7470A			1075071	TOH	EET EDI	11/17/25 09:40
Dissolved	Analysis	7470A		1	1075163	TOH	EET EDI	11/17/25 18:33
Total/NA	Prep	7470A			1075293	TOH	EET EDI	11/18/25 10:12
Total/NA	Analysis	7470A		1	1075398	TOH	EET EDI	11/18/25 18:00

Client Sample ID: GW-11222397-111225-ES-13

Lab Sample ID: 460-339416-10

Date Collected: 11/12/25 13:40

Matrix: Water

Date Received: 11/13/25 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3010A			1075184	VAD	EET EDI	11/17/25 20:44
Dissolved	Analysis	6020B		1	1075128	CDC	EET EDI	11/17/25 23:04

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Client Sample ID: GW-11222397-111225-ES-13

Lab Sample ID: 460-339416-10

Date Collected: 11/12/25 13:40

Matrix: Water

Date Received: 11/13/25 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3010A			1077158	ORE	EET EDI	11/26/25 11:09
Total/NA	Analysis	6020B		1	1077272	DLE	EET EDI	11/27/25 02:38
Dissolved	Prep	7470A			1075071	TOH	EET EDI	11/17/25 09:40
Dissolved	Analysis	7470A		1	1075163	TOH	EET EDI	11/17/25 18:36
Total/NA	Prep	7470A			1075293	TOH	EET EDI	11/18/25 10:12
Total/NA	Analysis	7470A		1	1075398	TOH	EET EDI	11/18/25 18:03

Client Sample ID: GW-11222397-111225-TF-15

Lab Sample ID: 460-339416-11

Date Collected: 11/12/25 14:40

Matrix: Water

Date Received: 11/13/25 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			1074877	NMP	EET EDI	11/15/25 11:11
Total/NA	Analysis	8270C		1	1074938	YAH	EET EDI	11/16/25 11:32

Client Sample ID: TB

Lab Sample ID: 460-339416-12

Date Collected: 11/12/25 00:00

Matrix: Water

Date Received: 11/13/25 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1075997	KLB	EET EDI	11/21/25 02:28

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	01-03-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
6020B	3010A	Water	Aluminum
6020B	3010A	Water	Antimony
6020B	3010A	Water	Arsenic
6020B	3010A	Water	Barium
6020B	3010A	Water	Beryllium
6020B	3010A	Water	Cadmium
6020B	3010A	Water	Calcium
6020B	3010A	Water	Chromium
6020B	3010A	Water	Cobalt
6020B	3010A	Water	Copper
6020B	3010A	Water	Dissolved Aluminum
6020B	3010A	Water	Dissolved Antimony
6020B	3010A	Water	Dissolved Arsenic
6020B	3010A	Water	Dissolved Barium
6020B	3010A	Water	Dissolved Beryllium
6020B	3010A	Water	Dissolved Cadmium
6020B	3010A	Water	Dissolved Calcium
6020B	3010A	Water	Dissolved Chromium
6020B	3010A	Water	Dissolved Cobalt
6020B	3010A	Water	Dissolved Copper
6020B	3010A	Water	Dissolved Iron
6020B	3010A	Water	Dissolved Lead
6020B	3010A	Water	Dissolved Magnesium
6020B	3010A	Water	Dissolved Manganese
6020B	3010A	Water	Dissolved Nickel
6020B	3010A	Water	Dissolved Potassium
6020B	3010A	Water	Dissolved Selenium
6020B	3010A	Water	Dissolved Silver
6020B	3010A	Water	Dissolved Sodium
6020B	3010A	Water	Dissolved Thallium
6020B	3010A	Water	Dissolved Vanadium
6020B	3010A	Water	Dissolved Zinc
6020B	3010A	Water	Iron
6020B	3010A	Water	Lead
6020B	3010A	Water	Magnesium
6020B	3010A	Water	Manganese
6020B	3010A	Water	Nickel
6020B	3010A	Water	Potassium
6020B	3010A	Water	Selenium
6020B	3010A	Water	Silver
6020B	3010A	Water	Sodium
6020B	3010A	Water	Thallium
6020B	3010A	Water	Vanadium
6020B	3010A	Water	Zinc
7470A	7470A	Water	Mercury

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Laboratory: Eurofins Edison (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
7470A	7470A	Water	Mercury, Dissolved
8260D		Water	1,1,1-Trichloroethane
8260D		Water	1,1,2,2-Tetrachloroethane
8260D		Water	1,1,2-Trichloro-1,2,2-trifluoroethane
8260D		Water	1,1,2-Trichloroethane
8260D		Water	1,1-Dichloroethane
8260D		Water	1,1-Dichloroethene
8260D		Water	1,2,4-Trichlorobenzene
8260D		Water	1,2,4-Trimethylbenzene
8260D		Water	1,2-Dibromo-3-Chloropropane
8260D		Water	1,2-Dibromoethane
8260D		Water	1,2-Dichlorobenzene
8260D		Water	1,2-Dichloroethane
8260D		Water	1,2-Dichloropropane
8260D		Water	1,3-Dichlorobenzene
8260D		Water	1,4-Dichlorobenzene
8260D		Water	2-Butanone (MEK)
8260D		Water	2-Hexanone
8260D		Water	4-Methyl-2-pentanone (MIBK)
8260D		Water	Acetone
8260D		Water	Benzene
8260D		Water	Bromoform
8260D		Water	Bromomethane
8260D		Water	Carbon disulfide
8260D		Water	Carbon tetrachloride
8260D		Water	Chlorobenzene
8260D		Water	Chlorodibromomethane
8260D		Water	Chloroethane
8260D		Water	Chloroform
8260D		Water	Chloromethane
8260D		Water	cis-1,2-Dichloroethene
8260D		Water	cis-1,3-Dichloropropene
8260D		Water	Cyclohexane
8260D		Water	Dichlorobromomethane
8260D		Water	Dichlorodifluoromethane
8260D		Water	Ethylbenzene
8260D		Water	Isopropylbenzene
8260D		Water	Methyl acetate
8260D		Water	Methyl tert-butyl ether
8260D		Water	Methylcyclohexane
8260D		Water	Methylene Chloride
8260D		Water	Styrene
8260D		Water	Tetrachloroethene
8260D		Water	Toluene
8260D		Water	trans-1,2-Dichloroethene
8260D		Water	trans-1,3-Dichloropropene
8260D		Water	Trichloroethene

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Laboratory: Eurofins Edison (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Trichloroethene (TCE)
8260D		Water	Trichlorofluoromethane
8260D		Water	Vinyl chloride
8260D		Water	Xylenes, Total
8270C	3510C	Water	1,1'-Biphenyl
8270C	3510C	Water	2,2'-oxybis[1-chloropropane]
8270C	3510C	Water	2,4,5-Trichlorophenol
8270C	3510C	Water	2,4,6-Trichlorophenol
8270C	3510C	Water	2,4-Dichlorophenol
8270C	3510C	Water	2,4-Dimethylphenol
8270C	3510C	Water	2,4-Dinitrophenol
8270C	3510C	Water	2,4-Dinitrotoluene
8270C	3510C	Water	2,6-Dinitrotoluene
8270C	3510C	Water	2-Chloronaphthalene
8270C	3510C	Water	2-Chlorophenol
8270C	3510C	Water	2-Methylnaphthalene
8270C	3510C	Water	2-Methylphenol
8270C	3510C	Water	2-Nitroaniline
8270C	3510C	Water	2-Nitrophenol
8270C	3510C	Water	3,3'-Dichlorobenzidine
8270C	3510C	Water	3-Nitroaniline
8270C	3510C	Water	4,6-Dinitro-2-methylphenol
8270C	3510C	Water	4-Bromophenyl phenyl ether
8270C	3510C	Water	4-Chloro-3-methylphenol
8270C	3510C	Water	4-Chlorophenyl phenyl ether
8270C	3510C	Water	4-Methylphenol
8270C	3510C	Water	4-Nitroaniline
8270C	3510C	Water	4-Nitrophenol
8270C	3510C	Water	Acenaphthene
8270C	3510C	Water	Acenaphthylene
8270C	3510C	Water	Acetophenone
8270C	3510C	Water	Anthracene
8270C	3510C	Water	Atrazine
8270C	3510C	Water	Benzaldehyde
8270C	3510C	Water	Benzo[a]anthracene
8270C	3510C	Water	Benzo[a]pyrene
8270C	3510C	Water	Benzo[b]fluoranthene
8270C	3510C	Water	Benzo[g,h,i]perylene
8270C	3510C	Water	Benzo[k]fluoranthene
8270C	3510C	Water	Bis(2-chloroethoxy)methane
8270C	3510C	Water	Bis(2-chloroethyl)ether
8270C	3510C	Water	Bis(2-ethylhexyl) phthalate
8270C	3510C	Water	Butyl benzyl phthalate
8270C	3510C	Water	Caprolactam
8270C	3510C	Water	Carbazole
8270C	3510C	Water	Chrysene
8270C	3510C	Water	Dibenz(a,h)anthracene

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Laboratory: Eurofins Edison (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8270C	3510C	Water	Dibenzofuran
8270C	3510C	Water	Diethyl phthalate
8270C	3510C	Water	Dimethyl phthalate
8270C	3510C	Water	Di-n-butyl phthalate
8270C	3510C	Water	Di-n-octyl phthalate
8270C	3510C	Water	Fluoranthene
8270C	3510C	Water	Fluorene
8270C	3510C	Water	Hexachlorobenzene
8270C	3510C	Water	Hexachlorobutadiene
8270C	3510C	Water	Hexachlorocyclopentadiene
8270C	3510C	Water	Hexachloroethane
8270C	3510C	Water	Indeno[1,2,3-cd]pyrene
8270C	3510C	Water	Isophorone
8270C	3510C	Water	Naphthalene
8270C	3510C	Water	Nitrobenzene
8270C	3510C	Water	N-Nitrosodi-n-propylamine
8270C	3510C	Water	N-Nitrosodiphenylamine
8270C	3510C	Water	Pentachlorophenol
8270C	3510C	Water	Phenanthrene
8270C	3510C	Water	Phenol
8270C	3510C	Water	Pyrene

Method Summary

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organics (GC/MS)	SW846	EET EDI
8270C	Semivolatile Organics (GC/MS)	SW846	EET EDI
6020B	Metals (ICP/MS)	SW846	EET EDI
7470A	Mercury (CVAA)	SW846	EET EDI
3010A	Preparation, Total Metals	SW846	EET EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET EDI
5030B	Purge and Trap	SW846	EET EDI
7470A	Preparation, Mercury	SW846	EET EDI

Protocol References:

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

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339416-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-339416-1	RB-11222397-111225-TF-06	Water	11/12/25 08:45	11/13/25 13:30	Delaware
460-339416-2	GW-11222397-111225-TF-08	Water	11/12/25 10:50	11/13/25 13:30	Delaware
460-339416-3	GW-11222397-111225-TF-10	Water	11/12/25 12:15	11/13/25 13:30	Delaware
460-339416-4	GW-11222397-111225-TF-12	Water	11/12/25 13:45	11/13/25 13:30	Delaware
460-339416-5	GW-11222397-111225-TF-14	Water	11/12/25 13:50	11/13/25 13:30	Delaware
460-339416-6	GW-11222397-111225-ES-05	Water	11/12/25 10:40	11/13/25 13:30	Delaware
460-339416-7	GW-11222397-111225-ES-07	Water	11/12/25 12:05	11/13/25 13:30	Delaware
460-339416-8	GW-11222397-111225-ES-09	Water	11/12/25 12:45	11/13/25 13:30	Delaware
460-339416-9	GW-11222397-111225-ES-11	Water	11/12/25 13:35	11/13/25 13:30	Delaware
460-339416-10	GW-11222397-111225-ES-13	Water	11/12/25 13:40	11/13/25 13:30	Delaware
460-339416-11	GW-11222397-111225-TF-15	Water	11/12/25 14:40	11/13/25 13:30	Delaware
460-339416-12	TB	Water	11/12/25 00:00	11/13/25 13:30	Delaware

Chain of Custody Record 745908



Environment Testing

Address: _____

76 Ksp 2

REC ON 10

TAL-8210

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Company Name: GHD Address: _____ City/State/Zip: _____ Phone: _____ Fax: _____ Project Name: BAKER W/waybu Site: _____ PO# 11222397		Client Contact Tel/Email: _____		Project Manager: Sam Samslow Tel/Email: _____		Site Contact: Lab Contact: _____ Date: 11/12/25 Carrier: _____		COC No. _____ Sampler _____ of _____ COCs For Lab Use Only Walk-in Client: _____ Lab Sampling: _____ Job / SDG No _____ Sample Specific Notes: 339416	
Analysis Turnaround Time ☐ CALENDAR DAYS ☐ WORKING DAYS TAT if different from Below _____ ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day				VOCs: Benzene, TCE only TCL SVOC TCL Metals w/ Hg (TCL) TAL Metals w/ Hg (Dissolved)					
Sample Identification	Sample Date	Sample Time	Sample Type (G=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return to Client ☐ Disposal by Lab ☐ Active or ☐ Months	
AS-11222397-11225 TE-06	11/12/25	0745	G	RB	3	N	X		
GW-11222397-11225 TF-08	11/12/25	1050	G	GW	3	N	X		
GW-11222397-11225 TF-10	11/12/25	1215	G	GW	3	N	X		
GW-11222397-11225 TF-12	11/12/25	1345	G	GW	3	N	X		
GW-11222397-11225 TF-14	11/12/25	1350	G	GW	3	N	X		
GW-11222397-11225 ES-05	11/12/25	1040	G	GW	5	X	X		
GW-11222397-11225 ES-07	11/12/25	1205	G	GW	9	X	X		
RB-11222397-11225 ES-09	11/12/25	1245	G	RB	2	X	X		
GW-11222397-11225 ES-11	11/12/25	1335	G	GW	2	X	X		
GW-11222397-11225 ES-13	11/12/25	1340	G	GW	2	X	X		
GW-11222397-11225 TF-15	11/12/25	1440	G	GW	2	X	X		
12					6	X	X		

Preservation Used: 1=Ice, 2=HCL, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other

Possible Hazard Identification: _____

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Special Instructions/QC Requirements & Comments: _____

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No	Company	Received by	Date/Time	Cooler Temp. (°C)	Obs'd	Conf'd	Therm ID No
Relinquished by: <i>[Signature]</i>	GHD	GHD	<i>[Signature]</i>	11/12/25 1625			33	33
Relinquished by: <i>[Signature]</i>	CGTN-KOP	CGTN-KOP	<i>[Signature]</i>	11/13/25 1545				
Relinquished by: <i>[Signature]</i>	ETA	ETA	<i>[Signature]</i>	11/13/25 1830				

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Eurofins Edison
Receipt Temperature and pH Log

Job Number

339416

Number of Coolers:

1

IR Gun #

10

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	3.3°C	3.3°C	Cooler #4:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C
			Cooler #7:	°C	°C
			Cooler #8:	°C	°C
			Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	1,4-	
													Total Phos	Dioxane
													(pH<2)	(pH<4)
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														

If pH adjustments are required record the information below

Sample No(s). adjusted: _____
 Preservative Name/Conc. _____
 Lot # of Preservative(s): _____
 Expiration Date: _____
 The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.
 * Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Initials: FG
 Date: 11/13/25

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 460-339416-1

Login Number: 339416

List Source: Eurofins Edison

List Number: 1

Creator: Thundathorn, Sukanan 1

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

PREPARED FOR

Attn: Samantha Sasnow
GHD Services Inc.
410 Eagleview Boulevard
Suite 110
Exton, Pennsylvania 19341

Generated 11/30/2025 1:49:25 PM

JOB DESCRIPTION

11222397- RACER - Wilmington, DE

JOB NUMBER

460-339557-1

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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11/30/2025 1:49:25 PM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

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Definitions/Glossary

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC/MS VOA TICs

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

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Eurofins Edison

Definitions/Glossary

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Case Narrative

Client: GHD Services Inc.
Project: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Job ID: 460-339557-1

Eurofins Edison

Job Narrative 460-339557-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 11/14/2025 7:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.5°C.

Receipt Exceptions

The following sample was listed on the Chain of Custody (COC); however, no sample was received: TB (460-339557-5).

GC/MS VOA

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

GC/MS Semi VOA

Method 8270DEL: The continuing calibration verification (CCV) analyzed in batch 460-1074938 was outside the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane], Benzaldehyde, Caprolactam and N-Nitrosodi-n-propylamine. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270DEL: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 460-1074926 and analytical batch 460-1074938 recovered outside control limits for the following analytes: 2,2'-oxybis[1-chloropropane] and N-Nitrosodi-n-propylamine. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270DEL: The capping continuing calibration verification (CCV) analyzed in batch 460-1074938. was outside the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane], 4-Nitrophenol, Benzaldehyde, Bis(2-ethylhexyl) phthalate, Caprolactam, Di-n-octyl phthalate and N-Nitrosodi-n-propylamine. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

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

Metals

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

Eurofins Edison

Detection Summary

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Client Sample ID: GW-11222397-111325-ES-016

Lab Sample ID: 460-339557-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	19.9	J	40.0	19.5	ug/L	1		6020B	Total/NA
Antimony	0.41	J	2.0	0.30	ug/L	1		6020B	Total/NA
Barium	234		4.0	0.91	ug/L	1		6020B	Total/NA
Calcium	57800		500	53.6	ug/L	1		6020B	Total/NA
Magnesium	19100		200	20.9	ug/L	1		6020B	Total/NA
Nickel	0.93	J	4.0	0.91	ug/L	1		6020B	Total/NA
Potassium	6610		200	112	ug/L	1		6020B	Total/NA
Sodium	77200		500	219	ug/L	1		6020B	Total/NA
Vanadium	3.3	J	4.0	0.68	ug/L	1		6020B	Total/NA
Dissolved Antimony	0.33	J	2.0	0.30	ug/L	1		6020B	Dissolved
Dissolved Barium	221		4.0	0.91	ug/L	1		6020B	Dissolved
Dissolved Calcium	55400		500	53.6	ug/L	1		6020B	Dissolved
Dissolved Cobalt	0.24	J	2.0	0.24	ug/L	1		6020B	Dissolved
Dissolved Magnesium	18300		200	20.9	ug/L	1		6020B	Dissolved
Dissolved Potassium	6200		200	112	ug/L	1		6020B	Dissolved
Dissolved Sodium	73900		500	219	ug/L	1		6020B	Dissolved
Dissolved Vanadium	3.4	J	4.0	0.68	ug/L	1		6020B	Dissolved

Client Sample ID: FB-11222397-111325-ES-017

Lab Sample ID: 460-339557-2

No Detections.

Client Sample ID: FB-11222397-111325-ES-018

Lab Sample ID: 460-339557-3

No Detections.

Client Sample ID: GW-11222397-111325-ES-019

Lab Sample ID: 460-339557-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	618		40.0	19.5	ug/L	1		6020B	Total/NA
Barium	287		4.0	0.91	ug/L	1		6020B	Total/NA
Calcium	39500		500	53.6	ug/L	1		6020B	Total/NA
Chromium	3.0	J	4.0	1.2	ug/L	1		6020B	Total/NA
Cobalt	11.8		2.0	0.24	ug/L	1		6020B	Total/NA
Iron	555		120	58.2	ug/L	1		6020B	Total/NA
Magnesium	33500		200	20.9	ug/L	1		6020B	Total/NA
Manganese	3270		8.0	1.5	ug/L	1		6020B	Total/NA
Nickel	6.5		4.0	0.91	ug/L	1		6020B	Total/NA
Potassium	5690		200	112	ug/L	1		6020B	Total/NA
Sodium	87500		500	219	ug/L	1		6020B	Total/NA
Vanadium	3.9	J	4.0	0.68	ug/L	1		6020B	Total/NA
Dissolved Barium	269		4.0	0.91	ug/L	1		6020B	Dissolved
Dissolved Calcium	37700		500	53.6	ug/L	1		6020B	Dissolved
Dissolved Cobalt	11.1		2.0	0.24	ug/L	1		6020B	Dissolved
Dissolved Iron	58.8	J	120	58.2	ug/L	1		6020B	Dissolved
Dissolved Magnesium	32200		200	20.9	ug/L	1		6020B	Dissolved
Dissolved Manganese	3100		8.0	1.5	ug/L	1		6020B	Dissolved
Dissolved Nickel	5.6		4.0	0.91	ug/L	1		6020B	Dissolved
Dissolved Potassium	5320		200	112	ug/L	1		6020B	Dissolved
Dissolved Sodium	83900		500	219	ug/L	1		6020B	Dissolved
Dissolved Vanadium	1.5	J	4.0	0.68	ug/L	1		6020B	Dissolved

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Client Sample ID: GW-11222397-111325-ES-016

Lab Sample ID: 460-339557-1

Date Collected: 11/13/25 10:50

Matrix: Water

Date Received: 11/14/25 19:00

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	19.9	J	40.0	19.5	ug/L		11/26/25 11:09	11/27/25 02:43	1
Antimony	0.41	J	2.0	0.30	ug/L		11/26/25 11:09	11/27/25 02:43	1
Arsenic	0.89	U	2.0	0.89	ug/L		11/26/25 11:09	11/27/25 02:43	1
Barium	234		4.0	0.91	ug/L		11/26/25 11:09	11/27/25 02:43	1
Beryllium	0.13	U	0.80	0.13	ug/L		11/26/25 11:09	11/27/25 02:43	1
Cadmium	0.29	U	0.92	0.29	ug/L		11/26/25 11:09	11/27/25 02:43	1
Calcium	57800		500	53.6	ug/L		11/26/25 11:09	11/27/25 02:43	1
Chromium	1.2	U	4.0	1.2	ug/L		11/26/25 11:09	11/27/25 02:43	1
Cobalt	0.24	U	2.0	0.24	ug/L		11/26/25 11:09	11/27/25 02:43	1
Copper	2.5	U	4.0	2.5	ug/L		11/26/25 11:09	11/27/25 02:43	1
Iron	58.2	U	120	58.2	ug/L		11/26/25 11:09	11/27/25 02:43	1
Lead	0.84	U	1.2	0.84	ug/L		11/26/25 11:09	11/27/25 02:43	1
Magnesium	19100		200	20.9	ug/L		11/26/25 11:09	11/27/25 02:43	1
Manganese	1.5	U	8.0	1.5	ug/L		11/26/25 11:09	11/27/25 02:43	1
Nickel	0.93	J	4.0	0.91	ug/L		11/26/25 11:09	11/27/25 02:43	1
Potassium	6610		200	112	ug/L		11/26/25 11:09	11/27/25 02:43	1
Selenium	0.59	U	2.5	0.59	ug/L		11/26/25 11:09	11/27/25 02:43	1
Silver	0.29	U	2.0	0.29	ug/L		11/26/25 11:09	11/27/25 02:43	1
Sodium	77200		500	219	ug/L		11/26/25 11:09	11/27/25 02:43	1
Thallium	0.17	U	0.50	0.17	ug/L		11/26/25 11:09	11/27/25 02:43	1
Vanadium	3.3	J	4.0	0.68	ug/L		11/26/25 11:09	11/27/25 02:43	1
Zinc	6.5	U	16.0	6.5	ug/L		11/26/25 11:09	11/27/25 02:43	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Aluminum	19.5	U	40.0	19.5	ug/L		11/17/25 20:44	11/17/25 23:10	1
Dissolved Antimony	0.33	J	2.0	0.30	ug/L		11/17/25 20:44	11/17/25 23:10	1
Dissolved Arsenic	0.89	U	2.0	0.89	ug/L		11/17/25 20:44	11/17/25 23:10	1
Dissolved Barium	221		4.0	0.91	ug/L		11/17/25 20:44	11/17/25 23:10	1
Dissolved Beryllium	0.13	U	0.80	0.13	ug/L		11/17/25 20:44	11/17/25 23:10	1
Dissolved Cadmium	0.29	U	0.92	0.29	ug/L		11/17/25 20:44	11/17/25 23:10	1
Dissolved Calcium	55400		500	53.6	ug/L		11/17/25 20:44	11/17/25 23:10	1
Dissolved Chromium	1.2	U	4.0	1.2	ug/L		11/17/25 20:44	11/17/25 23:10	1
Dissolved Cobalt	0.24	J	2.0	0.24	ug/L		11/17/25 20:44	11/17/25 23:10	1
Dissolved Copper	2.5	U	4.0	2.5	ug/L		11/17/25 20:44	11/17/25 23:10	1
Dissolved Iron	58.2	U	120	58.2	ug/L		11/17/25 20:44	11/17/25 23:10	1
Dissolved Lead	0.84	U	1.2	0.84	ug/L		11/17/25 20:44	11/17/25 23:10	1
Dissolved Magnesium	18300		200	20.9	ug/L		11/17/25 20:44	11/17/25 23:10	1
Dissolved Manganese	1.5	U	8.0	1.5	ug/L		11/17/25 20:44	11/17/25 23:10	1
Dissolved Nickel	0.91	U	4.0	0.91	ug/L		11/17/25 20:44	11/17/25 23:10	1
Dissolved Potassium	6200		200	112	ug/L		11/17/25 20:44	11/17/25 23:10	1
Dissolved Selenium	0.59	U	2.5	0.59	ug/L		11/17/25 20:44	11/17/25 23:10	1
Dissolved Silver	0.29	U	2.0	0.29	ug/L		11/17/25 20:44	11/17/25 23:10	1
Dissolved Sodium	73900		500	219	ug/L		11/17/25 20:44	11/17/25 23:10	1
Dissolved Thallium	0.17	U	0.50	0.17	ug/L		11/17/25 20:44	11/17/25 23:10	1
Dissolved Vanadium	3.4	J	4.0	0.68	ug/L		11/17/25 20:44	11/17/25 23:10	1
Dissolved Zinc	6.5	U	16.0	6.5	ug/L		11/17/25 20:44	11/17/25 23:10	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Client Sample ID: GW-11222397-111325-ES-016

Lab Sample ID: 460-339557-1

Date Collected: 11/13/25 10:50

Matrix: Water

Date Received: 11/14/25 19:00

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		11/18/25 10:12	11/18/25 18:17	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.091	U	0.20	0.091	ug/L		11/17/25 09:40	11/17/25 18:39	1

Client Sample ID: FB-11222397-111325-ES-017

Lab Sample ID: 460-339557-2

Date Collected: 11/13/25 11:25

Matrix: Water

Date Received: 11/14/25 19:00

Method: SW846 8260D - Volatile Organics (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			11/23/25 04:12	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			11/23/25 04:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			11/23/25 04:12	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			11/23/25 04:12	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/23/25 04:12	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/23/25 04:12	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/23/25 04:12	1
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			11/23/25 04:12	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/23/25 04:12	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/23/25 04:12	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/23/25 04:12	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			11/23/25 04:12	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			11/23/25 04:12	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/23/25 04:12	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/23/25 04:12	1
2-Butanone (MEK)	3.9	U	5.0	3.9	ug/L			11/23/25 04:12	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/23/25 04:12	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			11/23/25 04:12	1
Acetone	4.4	U	5.0	4.4	ug/L			11/23/25 04:12	1
Benzene	0.070	U	0.45	0.070	ug/L			11/23/25 04:12	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			11/23/25 04:12	1
Bromoform	0.54	U	1.0	0.54	ug/L			11/23/25 04:12	1
Bromomethane	0.55	U	1.0	0.55	ug/L			11/23/25 04:12	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			11/23/25 04:12	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/23/25 04:12	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/23/25 04:12	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/23/25 04:12	1
Chloroform	0.33	U	1.0	0.33	ug/L			11/23/25 04:12	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/23/25 04:12	1
cis-1,2-Dichloroethene	0.48	U	1.0	0.48	ug/L			11/23/25 04:12	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			11/23/25 04:12	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			11/23/25 04:12	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			11/23/25 04:12	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/23/25 04:12	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			11/23/25 04:12	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			11/23/25 04:12	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			11/23/25 04:12	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			11/23/25 04:12	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Client Sample ID: FB-11222397-111325-ES-017

Lab Sample ID: 460-339557-2

Date Collected: 11/13/25 11:25

Matrix: Water

Date Received: 11/14/25 19:00

Method: SW846 8260D - Volatile Organics (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			11/23/25 04:12	1
Methylene Chloride	0.65	U	1.0	0.65	ug/L			11/23/25 04:12	1
Styrene	0.42	U	1.0	0.42	ug/L			11/23/25 04:12	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			11/23/25 04:12	1
Toluene	0.38	U	1.0	0.38	ug/L			11/23/25 04:12	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			11/23/25 04:12	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			11/23/25 04:12	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			11/23/25 04:12	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			11/23/25 04:12	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			11/23/25 04:12	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			11/23/25 04:12	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		11/23/25 04:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		70 - 128		11/23/25 04:12	1
4-Bromofluorobenzene	92		76 - 120		11/23/25 04:12	1
Dibromofluoromethane (Surr)	96		77 - 132		11/23/25 04:12	1
Toluene-d8 (Surr)	94		80 - 120		11/23/25 04:12	1

Client Sample ID: FB-11222397-111325-ES-018

Lab Sample ID: 460-339557-3

Date Collected: 11/13/25 11:30

Matrix: Water

Date Received: 11/14/25 19:00

Method: SW846 8270C - Semivolatile Organics (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	1.2	U	5.0	1.2	ug/L		11/16/25 06:58	11/16/25 11:53	1
2,2'-oxybis[1-chloropropane]	0.63	U *	10	0.63	ug/L		11/16/25 06:58	11/16/25 11:53	1
2,4,5-Trichlorophenol	0.88	U	10	0.88	ug/L		11/16/25 06:58	11/16/25 11:53	1
2,4,6-Trichlorophenol	0.86	U	3.0	0.86	ug/L		11/16/25 06:58	11/16/25 11:53	1
2,4-Dichlorophenol	1.1	U	10	1.1	ug/L		11/16/25 06:58	11/16/25 11:53	1
2,4-Dimethylphenol	0.62	U	10	0.62	ug/L		11/16/25 06:58	11/16/25 11:53	1
2,4-Dinitrophenol	11	U	12	11	ug/L		11/16/25 06:58	11/16/25 11:53	1
2,4-Dinitrotoluene	1.0	U	10	1.0	ug/L		11/16/25 06:58	11/16/25 11:53	1
2,6-Dinitrotoluene	0.83	U	2.0	0.83	ug/L		11/16/25 06:58	11/16/25 11:53	1
2-Chloronaphthalene	1.2	U	10	1.2	ug/L		11/16/25 06:58	11/16/25 11:53	1
2-Chlorophenol	0.95	U	10	0.95	ug/L		11/16/25 06:58	11/16/25 11:53	1
2-Methylnaphthalene	0.53	U	10	0.53	ug/L		11/16/25 06:58	11/16/25 11:53	1
2-Methylphenol	0.67	U	10	0.67	ug/L		11/16/25 06:58	11/16/25 11:53	1
2-Nitroaniline	1.2	U	10	1.2	ug/L		11/16/25 06:58	11/16/25 11:53	1
2-Nitrophenol	0.75	U	10	0.75	ug/L		11/16/25 06:58	11/16/25 11:53	1
3,3'-Dichlorobenzidine	1.4	U	5.2	1.4	ug/L		11/16/25 06:58	11/16/25 11:53	1
3-Nitroaniline	1.9	U	10	1.9	ug/L		11/16/25 06:58	11/16/25 11:53	1
4,6-Dinitro-2-methylphenol	8.6	U	20	8.6	ug/L		11/16/25 06:58	11/16/25 11:53	1
4-Bromophenyl phenyl ether	0.75	U	10	0.75	ug/L		11/16/25 06:58	11/16/25 11:53	1
4-Chloro-3-methylphenol	1.3	U	10	1.3	ug/L		11/16/25 06:58	11/16/25 11:53	1
4-Chlorophenyl phenyl ether	1.3	U	10	1.3	ug/L		11/16/25 06:58	11/16/25 11:53	1
4-Methylphenol	0.65	U	10	0.65	ug/L		11/16/25 06:58	11/16/25 11:53	1
4-Nitroaniline	1.2	U	10	1.2	ug/L		11/16/25 06:58	11/16/25 11:53	1

Eurofins Edison

Client Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Client Sample ID: FB-11222397-111325-ES-018

Lab Sample ID: 460-339557-3

Date Collected: 11/13/25 11:30

Matrix: Water

Date Received: 11/14/25 19:00

Method: SW846 8270C - Semivolatile Organics (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	4.0	U	20	4.0	ug/L		11/16/25 06:58	11/16/25 11:53	1
Acenaphthene	1.1	U	10	1.1	ug/L		11/16/25 06:58	11/16/25 11:53	1
Acenaphthylene	0.82	U	10	0.82	ug/L		11/16/25 06:58	11/16/25 11:53	1
Acetophenone	2.3	U	10	2.3	ug/L		11/16/25 06:58	11/16/25 11:53	1
Anthracene	1.3	U	10	1.3	ug/L		11/16/25 06:58	11/16/25 11:53	1
Atrazine	1.3	U	2.0	1.3	ug/L		11/16/25 06:58	11/16/25 11:53	1
Benzaldehyde	2.1	U	10	2.1	ug/L		11/16/25 06:58	11/16/25 11:53	1
Benzo[a]anthracene	0.59	U	1.0	0.59	ug/L		11/16/25 06:58	11/16/25 11:53	1
Benzo[a]pyrene	0.41	U	1.0	0.41	ug/L		11/16/25 06:58	11/16/25 11:53	1
Benzo[b]fluoranthene	0.68	U	2.0	0.68	ug/L		11/16/25 06:58	11/16/25 11:53	1
Benzo[g,h,i]perylene	0.70	U	10	0.70	ug/L		11/16/25 06:58	11/16/25 11:53	1
Benzo[k]fluoranthene	0.67	U	1.0	0.67	ug/L		11/16/25 06:58	11/16/25 11:53	1
Bis(2-chloroethoxy)methane	0.59	U	10	0.59	ug/L		11/16/25 06:58	11/16/25 11:53	1
Bis(2-chloroethyl)ether	0.63	U	1.0	0.63	ug/L		11/16/25 06:58	11/16/25 11:53	1
Bis(2-ethylhexyl) phthalate	0.80	U	2.0	0.80	ug/L		11/16/25 06:58	11/16/25 11:53	1
Butyl benzyl phthalate	0.85	U	10	0.85	ug/L		11/16/25 06:58	11/16/25 11:53	1
Caprolactam	2.2	U	10	2.2	ug/L		11/16/25 06:58	11/16/25 11:53	1
Carbazole	0.68	U	10	0.68	ug/L		11/16/25 06:58	11/16/25 11:53	1
Chrysene	0.91	U	2.0	0.91	ug/L		11/16/25 06:58	11/16/25 11:53	1
Dibenz(a,h)anthracene	0.72	U	1.0	0.72	ug/L		11/16/25 06:58	11/16/25 11:53	1
Dibenzofuran	1.1	U	10	1.1	ug/L		11/16/25 06:58	11/16/25 11:53	1
Diethyl phthalate	0.98	U	10	0.98	ug/L		11/16/25 06:58	11/16/25 11:53	1
Dimethyl phthalate	0.77	U	10	0.77	ug/L		11/16/25 06:58	11/16/25 11:53	1
Di-n-butyl phthalate	0.84	U	10	0.84	ug/L		11/16/25 06:58	11/16/25 11:53	1
Di-n-octyl phthalate	4.0	U	10	4.0	ug/L		11/16/25 06:58	11/16/25 11:53	1
Fluoranthene	0.84	U	10	0.84	ug/L		11/16/25 06:58	11/16/25 11:53	1
Fluorene	0.91	U	10	0.91	ug/L		11/16/25 06:58	11/16/25 11:53	1
Hexachlorobenzene	0.40	U	1.0	0.40	ug/L		11/16/25 06:58	11/16/25 11:53	1
Hexachlorobutadiene	0.78	U	1.0	0.78	ug/L		11/16/25 06:58	11/16/25 11:53	1
Hexachlorocyclopentadiene	3.6	U	10	3.6	ug/L		11/16/25 06:58	11/16/25 11:53	1
Hexachloroethane	0.31	U	0.80	0.31	ug/L		11/16/25 06:58	11/16/25 11:53	1
Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94	ug/L		11/16/25 06:58	11/16/25 11:53	1
Isophorone	0.80	U	10	0.80	ug/L		11/16/25 06:58	11/16/25 11:53	1
Naphthalene	0.54	U	2.0	0.54	ug/L		11/16/25 06:58	11/16/25 11:53	1
Nitrobenzene	0.57	U	1.0	0.57	ug/L		11/16/25 06:58	11/16/25 11:53	1
N-Nitrosodi-n-propylamine	0.43	U *+	1.0	0.43	ug/L		11/16/25 06:58	11/16/25 11:53	1
N-Nitrosodiphenylamine	0.89	U	10	0.89	ug/L		11/16/25 06:58	11/16/25 11:53	1
Pentachlorophenol	6.6	U	20	6.6	ug/L		11/16/25 06:58	11/16/25 11:53	1
Phenanthrene	1.3	U	10	1.3	ug/L		11/16/25 06:58	11/16/25 11:53	1
Phenol	0.29	U	10	0.29	ug/L		11/16/25 06:58	11/16/25 11:53	1
Pyrene	1.6	U	10	1.6	ug/L		11/16/25 06:58	11/16/25 11:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	74		24 - 150	11/16/25 06:58	11/16/25 11:53	1
2-Fluorobiphenyl	84		38 - 139	11/16/25 06:58	11/16/25 11:53	1
2-Fluorophenol (Surr)	65		10 - 90	11/16/25 06:58	11/16/25 11:53	1
Nitrobenzene-d5 (Surr)	98		39 - 145	11/16/25 06:58	11/16/25 11:53	1
Phenol-d5 (Surr)	48		10 - 68	11/16/25 06:58	11/16/25 11:53	1
Terphenyl-d14 (Surr)	65		10 - 133	11/16/25 06:58	11/16/25 11:53	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Client Sample ID: GW-11222397-111325-ES-019

Lab Sample ID: 460-339557-4

Date Collected: 11/13/25 12:15

Matrix: Water

Date Received: 11/14/25 19:00

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	618		40.0	19.5	ug/L		11/26/25 11:09	11/27/25 02:46	1
Antimony	0.30	U	2.0	0.30	ug/L		11/26/25 11:09	11/27/25 02:46	1
Arsenic	0.89	U	2.0	0.89	ug/L		11/26/25 11:09	11/27/25 02:46	1
Barium	287		4.0	0.91	ug/L		11/26/25 11:09	11/27/25 02:46	1
Beryllium	0.13	U	0.80	0.13	ug/L		11/26/25 11:09	11/27/25 02:46	1
Cadmium	0.29	U	0.92	0.29	ug/L		11/26/25 11:09	11/27/25 02:46	1
Calcium	39500		500	53.6	ug/L		11/26/25 11:09	11/27/25 02:46	1
Chromium	3.0	J	4.0	1.2	ug/L		11/26/25 11:09	11/27/25 02:46	1
Cobalt	11.8		2.0	0.24	ug/L		11/26/25 11:09	11/27/25 02:46	1
Copper	2.5	U	4.0	2.5	ug/L		11/26/25 11:09	11/27/25 02:46	1
Iron	555		120	58.2	ug/L		11/26/25 11:09	11/27/25 02:46	1
Lead	0.84	U	1.2	0.84	ug/L		11/26/25 11:09	11/27/25 02:46	1
Magnesium	33500		200	20.9	ug/L		11/26/25 11:09	11/27/25 02:46	1
Manganese	3270		8.0	1.5	ug/L		11/26/25 11:09	11/27/25 02:46	1
Nickel	6.5		4.0	0.91	ug/L		11/26/25 11:09	11/27/25 02:46	1
Potassium	5690		200	112	ug/L		11/26/25 11:09	11/27/25 02:46	1
Selenium	0.59	U	2.5	0.59	ug/L		11/26/25 11:09	11/27/25 02:46	1
Silver	0.29	U	2.0	0.29	ug/L		11/26/25 11:09	11/27/25 02:46	1
Sodium	87500		500	219	ug/L		11/26/25 11:09	11/27/25 02:46	1
Thallium	0.17	U	0.50	0.17	ug/L		11/26/25 11:09	11/27/25 02:46	1
Vanadium	3.9	J	4.0	0.68	ug/L		11/26/25 11:09	11/27/25 02:46	1
Zinc	6.5	U	16.0	6.5	ug/L		11/26/25 11:09	11/27/25 02:46	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Aluminum	19.5	U	40.0	19.5	ug/L		11/17/25 20:44	11/17/25 23:13	1
Dissolved Antimony	0.30	U	2.0	0.30	ug/L		11/17/25 20:44	11/17/25 23:13	1
Dissolved Arsenic	0.89	U	2.0	0.89	ug/L		11/17/25 20:44	11/17/25 23:13	1
Dissolved Barium	269		4.0	0.91	ug/L		11/17/25 20:44	11/17/25 23:13	1
Dissolved Beryllium	0.13	U	0.80	0.13	ug/L		11/17/25 20:44	11/17/25 23:13	1
Dissolved Cadmium	0.29	U	0.92	0.29	ug/L		11/17/25 20:44	11/17/25 23:13	1
Dissolved Calcium	37700		500	53.6	ug/L		11/17/25 20:44	11/17/25 23:13	1
Dissolved Chromium	1.2	U	4.0	1.2	ug/L		11/17/25 20:44	11/17/25 23:13	1
Dissolved Cobalt	11.1		2.0	0.24	ug/L		11/17/25 20:44	11/17/25 23:13	1
Dissolved Copper	2.5	U	4.0	2.5	ug/L		11/17/25 20:44	11/17/25 23:13	1
Dissolved Iron	58.8	J	120	58.2	ug/L		11/17/25 20:44	11/17/25 23:13	1
Dissolved Lead	0.84	U	1.2	0.84	ug/L		11/17/25 20:44	11/17/25 23:13	1
Dissolved Magnesium	32200		200	20.9	ug/L		11/17/25 20:44	11/17/25 23:13	1
Dissolved Manganese	3100		8.0	1.5	ug/L		11/17/25 20:44	11/17/25 23:13	1
Dissolved Nickel	5.6		4.0	0.91	ug/L		11/17/25 20:44	11/17/25 23:13	1
Dissolved Potassium	5320		200	112	ug/L		11/17/25 20:44	11/17/25 23:13	1
Dissolved Selenium	0.59	U	2.5	0.59	ug/L		11/17/25 20:44	11/17/25 23:13	1
Dissolved Silver	0.29	U	2.0	0.29	ug/L		11/17/25 20:44	11/17/25 23:13	1
Dissolved Sodium	83900		500	219	ug/L		11/17/25 20:44	11/17/25 23:13	1
Dissolved Thallium	0.17	U	0.50	0.17	ug/L		11/17/25 20:44	11/17/25 23:13	1
Dissolved Vanadium	1.5	J	4.0	0.68	ug/L		11/17/25 20:44	11/17/25 23:13	1
Dissolved Zinc	6.5	U	16.0	6.5	ug/L		11/17/25 20:44	11/17/25 23:13	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Client Sample ID: GW-11222397-111325-ES-019

Lab Sample ID: 460-339557-4

Date Collected: 11/13/25 12:15

Matrix: Water

Date Received: 11/14/25 19:00

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		11/18/25 10:12	11/18/25 18:20	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.091	U	0.20	0.091	ug/L		11/17/25 09:40	11/17/25 18:42	1

Surrogate Summary

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Method: 8260D - Volatile Organics (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA (70-128)	BFB (76-120)	DBFM (77-132)	TOL (80-120)
460-339557-2	FB-11222397-111325-ES-017	91	92	96	94
LCS 460-1076396/3	Lab Control Sample	96	101	96	100
LCSD 460-1076396/4	Lab Control Sample Dup	97	98	94	97
MB 460-1076396/8	Method Blank	92	98	95	95

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

Method: 8270C - Semivolatile Organics (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TBP (24-150)	FBP (38-139)	2FP (10-90)	NBZ (39-145)	PHL (10-68)	TPHL (10-133)
460-339557-3	FB-11222397-111325-ES-018	74	84	65	98	48	65
LCS 460-1074926/2-A	Lab Control Sample	80	88	54	101	40	68
LCSD 460-1074926/3-A	Lab Control Sample Dup	77	90	54	100	40	69
MB 460-1074926/1-A	Method Blank	71	87	52	109	42	94

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)

PHL = Phenol-d5 (Surr)

TPHL = Terphenyl-d14 (Surr)

QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Method: 8260D - Volatile Organics (GC/MS)

Lab Sample ID: MB 460-1076396/8

Matrix: Water

Analysis Batch: 1076396

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			11/23/25 02:06	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			11/23/25 02:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			11/23/25 02:06	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			11/23/25 02:06	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			11/23/25 02:06	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			11/23/25 02:06	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			11/23/25 02:06	1
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			11/23/25 02:06	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			11/23/25 02:06	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			11/23/25 02:06	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			11/23/25 02:06	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			11/23/25 02:06	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			11/23/25 02:06	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			11/23/25 02:06	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			11/23/25 02:06	1
2-Butanone (MEK)	3.9	U	5.0	3.9	ug/L			11/23/25 02:06	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			11/23/25 02:06	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			11/23/25 02:06	1
Acetone	4.4	U	5.0	4.4	ug/L			11/23/25 02:06	1
Benzene	0.070	U	0.45	0.070	ug/L			11/23/25 02:06	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			11/23/25 02:06	1
Bromoform	0.54	U	1.0	0.54	ug/L			11/23/25 02:06	1
Bromomethane	0.55	U	1.0	0.55	ug/L			11/23/25 02:06	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			11/23/25 02:06	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			11/23/25 02:06	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			11/23/25 02:06	1
Chloroethane	0.32	U	1.0	0.32	ug/L			11/23/25 02:06	1
Chloroform	0.33	U	1.0	0.33	ug/L			11/23/25 02:06	1
Chloromethane	0.40	U	1.0	0.40	ug/L			11/23/25 02:06	1
cis-1,2-Dichloroethene	0.48	U	1.0	0.48	ug/L			11/23/25 02:06	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			11/23/25 02:06	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			11/23/25 02:06	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			11/23/25 02:06	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			11/23/25 02:06	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			11/23/25 02:06	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			11/23/25 02:06	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			11/23/25 02:06	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			11/23/25 02:06	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			11/23/25 02:06	1
Methylene Chloride	0.65	U	1.0	0.65	ug/L			11/23/25 02:06	1
Styrene	0.42	U	1.0	0.42	ug/L			11/23/25 02:06	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			11/23/25 02:06	1
Toluene	0.38	U	1.0	0.38	ug/L			11/23/25 02:06	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			11/23/25 02:06	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			11/23/25 02:06	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			11/23/25 02:06	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			11/23/25 02:06	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			11/23/25 02:06	1

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Method: 8260D - Volatile Organics (GC/MS) (Continued)

Lab Sample ID: MB 460-1076396/8

Matrix: Water

Analysis Batch: 1076396

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	0.65	U	2.0	0.65	ug/L			11/23/25 02:06	1
Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Ethyl ether	0.792	J	ug/L		2.53	60-29-7		11/23/25 02:06	1
Tentatively Identified Compound	None		ug/L			N/A		11/23/25 02:06	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		70 - 128					11/23/25 02:06	1
4-Bromofluorobenzene	98		76 - 120					11/23/25 02:06	1
Dibromofluoromethane (Surr)	95		77 - 132					11/23/25 02:06	1
Toluene-d8 (Surr)	95		80 - 120					11/23/25 02:06	1

Lab Sample ID: LCS 460-1076396/3

Matrix: Water

Analysis Batch: 1076396

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	20.2		ug/L		101	72 - 128
1,1,1,2-Tetrachloroethane	20.0	21.6		ug/L		108	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.5		ug/L		98	65 - 142
1,1,2-Trichloroethane	20.0	20.7		ug/L		104	74 - 125
1,1-Dichloroethane	20.0	20.2		ug/L		101	73 - 130
1,1-Dichloroethene	20.0	20.5		ug/L		102	68 - 133
1,2,4-Trichlorobenzene	20.0	22.8		ug/L		114	67 - 132
1,2,4-Trimethylbenzene	20.0	20.6		ug/L		103	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	22.1		ug/L		110	58 - 132
1,2-Dibromoethane	20.0	21.5		ug/L		108	79 - 126
1,2-Dichlorobenzene	20.0	21.2		ug/L		106	80 - 120
1,2-Dichloroethane	20.0	20.5		ug/L		103	66 - 129
1,2-Dichloropropane	20.0	20.1		ug/L		100	72 - 128
1,3-Dichlorobenzene	20.0	21.0		ug/L		105	80 - 120
1,4-Dichlorobenzene	20.0	20.0		ug/L		100	80 - 120
2-Butanone (MEK)	100	104		ug/L		104	65 - 142
2-Hexanone	100	96.6		ug/L		97	72 - 134
4-Methyl-2-pentanone (MIBK)	100	95.4		ug/L		95	77 - 130
Acetone	100	91.3		ug/L		91	60 - 133
Benzene	20.0	20.0		ug/L		100	71 - 126
Dichlorobromomethane	20.0	19.6		ug/L		98	76 - 121
Bromoform	20.0	21.5		ug/L		108	58 - 128
Bromomethane	20.0	19.2		ug/L		96	33 - 150
Carbon disulfide	20.0	19.7		ug/L		99	35 - 150
Carbon tetrachloride	20.0	21.3		ug/L		107	65 - 131
Chlorobenzene	20.0	20.5		ug/L		102	80 - 120
Chloroethane	20.0	17.2		ug/L		86	54 - 150
Chloroform	20.0	20.0		ug/L		100	78 - 125
Chloromethane	20.0	19.7		ug/L		98	43 - 149
cis-1,2-Dichloroethene	20.0	19.3		ug/L		97	78 - 121

Eurofins Edison

QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Method: 8260D - Volatile Organics (GC/MS) (Continued)

Lab Sample ID: LCS 460-1076396/3

Matrix: Water

Analysis Batch: 1076396

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,3-Dichloropropene	20.0	20.7		ug/L		104	74 - 125
Cyclohexane	20.0	20.5		ug/L		102	64 - 142
Chlorodibromomethane	20.0	21.1		ug/L		105	73 - 121
Dichlorodifluoromethane	20.0	19.8		ug/L		99	38 - 144
Ethylbenzene	20.0	20.6		ug/L		103	78 - 120
Isopropylbenzene	20.0	21.0		ug/L		105	79 - 125
Methyl acetate	40.0	35.2		ug/L		88	50 - 147
Methyl tert-butyl ether	20.0	20.9		ug/L		104	72 - 131
Methylcyclohexane	20.0	20.5		ug/L		103	63 - 138
Methylene Chloride	20.0	19.3		ug/L		97	74 - 127
Styrene	20.0	21.2		ug/L		106	82 - 127
Tetrachloroethene	20.0	21.1		ug/L		106	70 - 127
Toluene	20.0	20.8		ug/L		104	78 - 120
trans-1,2-Dichloroethene	20.0	20.0		ug/L		100	70 - 126
trans-1,3-Dichloropropene	20.0	21.7		ug/L		108	71 - 127
Trichloroethene	20.0	20.3		ug/L		101	73 - 121
Trichlorofluoromethane	20.0	20.9		ug/L		104	62 - 134
Vinyl chloride	20.0	19.7		ug/L		99	55 - 144
Xylenes, Total	40.0	41.3		ug/L		103	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 128
4-Bromofluorobenzene	101		76 - 120
Dibromofluoromethane (Surr)	96		77 - 132
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: LCSD 460-1076396/4

Matrix: Water

Analysis Batch: 1076396

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	20.5		ug/L		102	72 - 128	1	30
1,1,2,2-Tetrachloroethane	20.0	22.7		ug/L		113	63 - 139	5	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.0		ug/L		100	65 - 142	3	30
1,1,2-Trichloroethane	20.0	20.4		ug/L		102	74 - 125	2	30
1,1-Dichloroethane	20.0	19.8		ug/L		99	73 - 130	2	30
1,1-Dichloroethene	20.0	21.0		ug/L		105	68 - 133	2	30
1,2,4-Trichlorobenzene	20.0	23.2		ug/L		116	67 - 132	2	30
1,2,4-Trimethylbenzene	20.0	20.9		ug/L		104	75 - 125	1	30
1,2-Dibromo-3-Chloropropane	20.0	24.0		ug/L		120	58 - 132	8	30
1,2-Dibromoethane	20.0	21.5		ug/L		108	79 - 126	0	30
1,2-Dichlorobenzene	20.0	21.4		ug/L		107	80 - 120	1	30
1,2-Dichloroethane	20.0	20.6		ug/L		103	66 - 129	0	30
1,2-Dichloropropane	20.0	20.4		ug/L		102	72 - 128	2	30
1,3-Dichlorobenzene	20.0	20.9		ug/L		105	80 - 120	0	30
1,4-Dichlorobenzene	20.0	20.4		ug/L		102	80 - 120	2	30
2-Butanone (MEK)	100	113		ug/L		113	65 - 142	8	30
2-Hexanone	100	106		ug/L		106	72 - 134	9	30

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Method: 8260D - Volatile Organics (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1076396/4

Matrix: Water

Analysis Batch: 1076396

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Methyl-2-pentanone (MIBK)	100	98.8		ug/L		99	77 - 130	4	30
Acetone	100	94.2		ug/L		94	60 - 133	3	30
Benzene	20.0	19.3		ug/L		97	71 - 126	4	30
Dichlorobromomethane	20.0	20.1		ug/L		100	76 - 121	2	30
Bromoform	20.0	21.6		ug/L		108	58 - 128	0	30
Bromomethane	20.0	19.1		ug/L		96	33 - 150	0	30
Carbon disulfide	20.0	19.3		ug/L		97	35 - 150	2	30
Carbon tetrachloride	20.0	20.6		ug/L		103	65 - 131	4	30
Chlorobenzene	20.0	20.3		ug/L		102	80 - 120	1	30
Chloroethane	20.0	16.9		ug/L		84	54 - 150	2	30
Chloroform	20.0	19.7		ug/L		99	78 - 125	2	30
Chloromethane	20.0	18.3		ug/L		92	43 - 149	7	30
cis-1,2-Dichloroethene	20.0	19.9		ug/L		99	78 - 121	3	30
cis-1,3-Dichloropropene	20.0	20.4		ug/L		102	74 - 125	2	30
Cyclohexane	20.0	20.5		ug/L		103	64 - 142	0	30
Chlorodibromomethane	20.0	21.0		ug/L		105	73 - 121	0	30
Dichlorodifluoromethane	20.0	19.9		ug/L		99	38 - 144	0	30
Ethylbenzene	20.0	20.2		ug/L		101	78 - 120	2	30
Isopropylbenzene	20.0	20.6		ug/L		103	79 - 125	2	30
Methyl acetate	40.0	35.1		ug/L		88	50 - 147	0	30
Methyl tert-butyl ether	20.0	20.7		ug/L		104	72 - 131	1	30
Methylcyclohexane	20.0	21.6		ug/L		108	63 - 138	5	30
Methylene Chloride	20.0	19.3		ug/L		97	74 - 127	0	30
Styrene	20.0	20.4		ug/L		102	82 - 127	4	30
Tetrachloroethene	20.0	20.5		ug/L		102	70 - 127	3	30
Toluene	20.0	20.7		ug/L		103	78 - 120	1	30
trans-1,2-Dichloroethene	20.0	20.5		ug/L		103	70 - 126	3	30
trans-1,3-Dichloropropene	20.0	22.5		ug/L		113	71 - 127	4	30
Trichloroethene	20.0	20.9		ug/L		105	73 - 121	3	30
Trichlorofluoromethane	20.0	20.1		ug/L		101	62 - 134	4	30
Vinyl chloride	20.0	18.9		ug/L		94	55 - 144	5	30
Xylenes, Total	40.0	40.9		ug/L		102	80 - 120	1	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	97		70 - 128
4-Bromofluorobenzene	98		76 - 120
Dibromofluoromethane (Surr)	94		77 - 132
Toluene-d8 (Surr)	97		80 - 120

Method: 8270C - Semivolatile Organics (GC/MS)

Lab Sample ID: MB 460-1074926/1-A

Matrix: Water

Analysis Batch: 1074938

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1074926

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1'-Biphenyl	1.2	U	5.0	1.2	ug/L		11/16/25 06:57	11/16/25 10:47	1
2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63	ug/L		11/16/25 06:57	11/16/25 10:47	1
2,4,5-Trichlorophenol	0.88	U	10	0.88	ug/L		11/16/25 06:57	11/16/25 10:47	1

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Method: 8270C - Semivolatile Organics (GC/MS) (Continued)

Lab Sample ID: MB 460-1074926/1-A

Matrix: Water

Analysis Batch: 1074938

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1074926

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	0.86	U	3.0	0.86	ug/L		11/16/25 06:57	11/16/25 10:47	1
2,4-Dichlorophenol	1.1	U	10	1.1	ug/L		11/16/25 06:57	11/16/25 10:47	1
2,4-Dimethylphenol	0.62	U	10	0.62	ug/L		11/16/25 06:57	11/16/25 10:47	1
2,4-Dinitrophenol	11	U	12	11	ug/L		11/16/25 06:57	11/16/25 10:47	1
2,4-Dinitrotoluene	1.0	U	10	1.0	ug/L		11/16/25 06:57	11/16/25 10:47	1
2,6-Dinitrotoluene	0.83	U	2.0	0.83	ug/L		11/16/25 06:57	11/16/25 10:47	1
2-Chloronaphthalene	1.2	U	10	1.2	ug/L		11/16/25 06:57	11/16/25 10:47	1
2-Chlorophenol	0.95	U	10	0.95	ug/L		11/16/25 06:57	11/16/25 10:47	1
2-Methylnaphthalene	0.53	U	10	0.53	ug/L		11/16/25 06:57	11/16/25 10:47	1
2-Methylphenol	0.67	U	10	0.67	ug/L		11/16/25 06:57	11/16/25 10:47	1
2-Nitroaniline	1.2	U	10	1.2	ug/L		11/16/25 06:57	11/16/25 10:47	1
2-Nitrophenol	0.75	U	10	0.75	ug/L		11/16/25 06:57	11/16/25 10:47	1
3,3'-Dichlorobenzidine	1.4	U	5.2	1.4	ug/L		11/16/25 06:57	11/16/25 10:47	1
3-Nitroaniline	1.9	U	10	1.9	ug/L		11/16/25 06:57	11/16/25 10:47	1
4,6-Dinitro-2-methylphenol	8.6	U	20	8.6	ug/L		11/16/25 06:57	11/16/25 10:47	1
4-Bromophenyl phenyl ether	0.75	U	10	0.75	ug/L		11/16/25 06:57	11/16/25 10:47	1
4-Chloro-3-methylphenol	1.3	U	10	1.3	ug/L		11/16/25 06:57	11/16/25 10:47	1
4-Chlorophenyl phenyl ether	1.3	U	10	1.3	ug/L		11/16/25 06:57	11/16/25 10:47	1
4-Methylphenol	0.65	U	10	0.65	ug/L		11/16/25 06:57	11/16/25 10:47	1
4-Nitroaniline	1.2	U	10	1.2	ug/L		11/16/25 06:57	11/16/25 10:47	1
4-Nitrophenol	4.0	U	20	4.0	ug/L		11/16/25 06:57	11/16/25 10:47	1
Acenaphthene	1.1	U	10	1.1	ug/L		11/16/25 06:57	11/16/25 10:47	1
Acenaphthylene	0.82	U	10	0.82	ug/L		11/16/25 06:57	11/16/25 10:47	1
Acetophenone	2.3	U	10	2.3	ug/L		11/16/25 06:57	11/16/25 10:47	1
Anthracene	1.3	U	10	1.3	ug/L		11/16/25 06:57	11/16/25 10:47	1
Atrazine	1.3	U	2.0	1.3	ug/L		11/16/25 06:57	11/16/25 10:47	1
Benzaldehyde	2.1	U	10	2.1	ug/L		11/16/25 06:57	11/16/25 10:47	1
Benzo[a]anthracene	0.59	U	1.0	0.59	ug/L		11/16/25 06:57	11/16/25 10:47	1
Benzo[a]pyrene	0.41	U	1.0	0.41	ug/L		11/16/25 06:57	11/16/25 10:47	1
Benzo[b]fluoranthene	0.68	U	2.0	0.68	ug/L		11/16/25 06:57	11/16/25 10:47	1
Benzo[g,h,i]perylene	0.70	U	10	0.70	ug/L		11/16/25 06:57	11/16/25 10:47	1
Benzo[k]fluoranthene	0.67	U	1.0	0.67	ug/L		11/16/25 06:57	11/16/25 10:47	1
Bis(2-chloroethoxy)methane	0.59	U	10	0.59	ug/L		11/16/25 06:57	11/16/25 10:47	1
Bis(2-chloroethyl)ether	0.63	U	1.0	0.63	ug/L		11/16/25 06:57	11/16/25 10:47	1
Bis(2-ethylhexyl) phthalate	0.80	U	2.0	0.80	ug/L		11/16/25 06:57	11/16/25 10:47	1
Butyl benzyl phthalate	0.85	U	10	0.85	ug/L		11/16/25 06:57	11/16/25 10:47	1
Caprolactam	2.2	U	10	2.2	ug/L		11/16/25 06:57	11/16/25 10:47	1
Carbazole	0.68	U	10	0.68	ug/L		11/16/25 06:57	11/16/25 10:47	1
Chrysene	0.91	U	2.0	0.91	ug/L		11/16/25 06:57	11/16/25 10:47	1
Dibenz(a,h)anthracene	0.72	U	1.0	0.72	ug/L		11/16/25 06:57	11/16/25 10:47	1
Dibenzofuran	1.1	U	10	1.1	ug/L		11/16/25 06:57	11/16/25 10:47	1
Diethyl phthalate	0.98	U	10	0.98	ug/L		11/16/25 06:57	11/16/25 10:47	1
Dimethyl phthalate	0.77	U	10	0.77	ug/L		11/16/25 06:57	11/16/25 10:47	1
Di-n-butyl phthalate	0.84	U	10	0.84	ug/L		11/16/25 06:57	11/16/25 10:47	1
Di-n-octyl phthalate	4.0	U	10	4.0	ug/L		11/16/25 06:57	11/16/25 10:47	1
Fluoranthene	0.84	U	10	0.84	ug/L		11/16/25 06:57	11/16/25 10:47	1
Fluorene	0.91	U	10	0.91	ug/L		11/16/25 06:57	11/16/25 10:47	1
Hexachlorobenzene	0.40	U	1.0	0.40	ug/L		11/16/25 06:57	11/16/25 10:47	1
Hexachlorobutadiene	0.78	U	1.0	0.78	ug/L		11/16/25 06:57	11/16/25 10:47	1

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Method: 8270C - Semivolatile Organics (GC/MS) (Continued)

Lab Sample ID: MB 460-1074926/1-A

Matrix: Water

Analysis Batch: 1074938

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1074926

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	3.6	U	10	3.6	ug/L		11/16/25 06:57	11/16/25 10:47	1
Hexachloroethane	0.31	U	0.80	0.31	ug/L		11/16/25 06:57	11/16/25 10:47	1
Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94	ug/L		11/16/25 06:57	11/16/25 10:47	1
Isophorone	0.80	U	10	0.80	ug/L		11/16/25 06:57	11/16/25 10:47	1
Naphthalene	0.54	U	2.0	0.54	ug/L		11/16/25 06:57	11/16/25 10:47	1
Nitrobenzene	0.57	U	1.0	0.57	ug/L		11/16/25 06:57	11/16/25 10:47	1
N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43	ug/L		11/16/25 06:57	11/16/25 10:47	1
N-Nitrosodiphenylamine	0.89	U	10	0.89	ug/L		11/16/25 06:57	11/16/25 10:47	1
Pentachlorophenol	6.6	U	20	6.6	ug/L		11/16/25 06:57	11/16/25 10:47	1
Phenanthrene	1.3	U	10	1.3	ug/L		11/16/25 06:57	11/16/25 10:47	1
Phenol	0.29	U	10	0.29	ug/L		11/16/25 06:57	11/16/25 10:47	1
Pyrene	1.6	U	10	1.6	ug/L		11/16/25 06:57	11/16/25 10:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	71		24 - 150	11/16/25 06:57	11/16/25 10:47	1
2-Fluorobiphenyl	87		38 - 139	11/16/25 06:57	11/16/25 10:47	1
2-Fluorophenol (Surr)	52		10 - 90	11/16/25 06:57	11/16/25 10:47	1
Nitrobenzene-d5 (Surr)	109		39 - 145	11/16/25 06:57	11/16/25 10:47	1
Phenol-d5 (Surr)	42		10 - 68	11/16/25 06:57	11/16/25 10:47	1
Terphenyl-d14 (Surr)	94		10 - 133	11/16/25 06:57	11/16/25 10:47	1

Lab Sample ID: LCS 460-1074926/2-A

Matrix: Water

Analysis Batch: 1074938

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1074926

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	80.0	78.4		ug/L		98	56 - 123
2,2'-oxybis[1-chloropropane]	80.0	111	*+	ug/L		139	47 - 122
2,4,5-Trichlorophenol	80.0	76.8		ug/L		96	55 - 124
2,4,6-Trichlorophenol	80.0	77.2		ug/L		96	57 - 131
2,4-Dichlorophenol	80.0	80.0		ug/L		100	53 - 120
2,4-Dimethylphenol	80.0	78.7		ug/L		98	60 - 136
2,4-Dinitrophenol	160	169		ug/L		105	50 - 148
2,4-Dinitrotoluene	80.0	89.1		ug/L		111	62 - 142
2,6-Dinitrotoluene	80.0	87.6		ug/L		109	62 - 136
2-Chloronaphthalene	80.0	77.7		ug/L		97	54 - 129
2-Chlorophenol	80.0	76.9		ug/L		96	46 - 103
2-Methylnaphthalene	80.0	83.9		ug/L		105	45 - 110
2-Methylphenol	80.0	74.6		ug/L		93	39 - 95
2-Nitroaniline	80.0	98.2		ug/L		123	49 - 134
2-Nitrophenol	80.0	81.1		ug/L		101	54 - 124
3,3'-Dichlorobenzidine	80.0	75.9		ug/L		95	44 - 136
3-Nitroaniline	80.0	58.7		ug/L		73	33 - 120
4,6-Dinitro-2-methylphenol	160	187		ug/L		117	54 - 145
4-Bromophenyl phenyl ether	80.0	77.9		ug/L		97	59 - 132
4-Chloro-3-methylphenol	80.0	84.3		ug/L		105	50 - 120
4-Chlorophenyl phenyl ether	80.0	77.6		ug/L		97	61 - 127
4-Methylphenol	80.0	69.7		ug/L		87	33 - 89

Eurofins Edison

QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Method: 8270C - Semivolatile Organics (GC/MS) (Continued)

Lab Sample ID: LCS 460-1074926/2-A

Matrix: Water

Analysis Batch: 1074938

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1074926

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Nitroaniline	80.0	85.2		ug/L		107	49 - 135
4-Nitrophenol	160	106		ug/L		66	10 - 78
Acenaphthene	80.0	81.5		ug/L		102	58 - 127
Acenaphthylene	80.0	84.0		ug/L		105	63 - 133
Acetophenone	80.0	99.1		ug/L		124	54 - 125
Anthracene	80.0	85.9		ug/L		107	59 - 127
Atrazine	40.0	57.0		ug/L		142	10 - 150
Benzaldehyde	40.0	59.5		ug/L		149	16 - 150
Benzo[a]anthracene	80.0	76.6		ug/L		96	58 - 131
Benzo[a]pyrene	80.0	88.0		ug/L		110	63 - 148
Benzo[b]fluoranthene	80.0	84.2		ug/L		105	60 - 140
Benzo[g,h,i]perylene	80.0	79.9		ug/L		100	52 - 150
Benzo[k]fluoranthene	80.0	86.5		ug/L		108	60 - 140
Bis(2-chloroethoxy)methane	80.0	91.1		ug/L		114	57 - 122
Bis(2-chloroethyl)ether	80.0	93.9		ug/L		117	55 - 125
Bis(2-ethylhexyl) phthalate	80.0	102		ug/L		127	57 - 144
Butyl benzyl phthalate	80.0	106		ug/L		133	55 - 141
Caprolactam	40.0	12.2		ug/L		31	10 - 66
Carbazole	80.0	88.1		ug/L		110	58 - 132
Chrysene	80.0	84.0		ug/L		105	57 - 132
Dibenz(a,h)anthracene	80.0	86.6		ug/L		108	53 - 150
Dibenzofuran	80.0	81.6		ug/L		102	59 - 125
Diethyl phthalate	80.0	87.1		ug/L		109	56 - 131
Dimethyl phthalate	80.0	84.8		ug/L		106	60 - 129
Di-n-butyl phthalate	80.0	100		ug/L		125	55 - 139
Di-n-octyl phthalate	80.0	110		ug/L		138	51 - 150
Fluoranthene	80.0	83.9		ug/L		105	59 - 137
Fluorene	80.0	80.1		ug/L		100	61 - 125
Hexachlorobenzene	80.0	74.2		ug/L		93	62 - 135
Hexachlorobutadiene	80.0	70.9		ug/L		89	16 - 147
Hexachlorocyclopentadiene	80.0	66.1		ug/L		83	27 - 150
Hexachloroethane	80.0	82.4		ug/L		103	10 - 138
Indeno[1,2,3-cd]pyrene	80.0	85.4		ug/L		107	54 - 150
Isophorone	80.0	95.4		ug/L		119	58 - 128
Naphthalene	80.0	82.8		ug/L		104	45 - 126
Nitrobenzene	80.0	94.0		ug/L		118	58 - 127
N-Nitrosodi-n-propylamine	80.0	107	+	ug/L		134	53 - 133
N-Nitrosodiphenylamine	80.0	86.0		ug/L		107	57 - 128
Pentachlorophenol	160	167		ug/L		105	54 - 140
Phenanthrene	80.0	86.5		ug/L		108	58 - 126
Phenol	80.0	39.7		ug/L		50	13 - 58
Pyrene	80.0	88.9		ug/L		111	53 - 137

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	80		24 - 150
2-Fluorobiphenyl	88		38 - 139
2-Fluorophenol (Surr)	54		10 - 90
Nitrobenzene-d5 (Surr)	101		39 - 145

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Method: 8270C - Semivolatile Organics (GC/MS) (Continued)

Lab Sample ID: LCS 460-1074926/2-A

Matrix: Water

Analysis Batch: 1074938

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1074926

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
Phenol-d5 (Surr)	40		10 - 68
Terphenyl-d14 (Surr)	68		10 - 133

Lab Sample ID: LCSD 460-1074926/3-A

Matrix: Water

Analysis Batch: 1074938

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1074926

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	80.0	79.6		ug/L		99	56 - 123	2	30
2,2'-oxybis[1-chloropropane]	80.0	110	*+	ug/L		137	47 - 122	1	30
2,4,5-Trichlorophenol	80.0	77.4		ug/L		97	55 - 124	1	30
2,4,6-Trichlorophenol	80.0	77.7		ug/L		97	57 - 131	1	30
2,4-Dichlorophenol	80.0	78.2		ug/L		98	53 - 120	2	30
2,4-Dimethylphenol	80.0	77.1		ug/L		96	60 - 136	2	30
2,4-Dinitrophenol	160	169		ug/L		106	50 - 148	0	30
2,4-Dinitrotoluene	80.0	86.5		ug/L		108	62 - 142	3	30
2,6-Dinitrotoluene	80.0	85.1		ug/L		106	62 - 136	3	30
2-Chloronaphthalene	80.0	78.5		ug/L		98	54 - 129	1	30
2-Chlorophenol	80.0	76.4		ug/L		95	46 - 103	1	30
2-Methylnaphthalene	80.0	82.2		ug/L		103	45 - 110	2	30
2-Methylphenol	80.0	72.2		ug/L		90	39 - 95	3	30
2-Nitroaniline	80.0	96.6		ug/L		121	49 - 134	2	30
2-Nitrophenol	80.0	80.7		ug/L		101	54 - 124	0	30
3,3'-Dichlorobenzidine	80.0	79.4		ug/L		99	44 - 136	4	30
3-Nitroaniline	80.0	56.7		ug/L		71	33 - 120	3	30
4,6-Dinitro-2-methylphenol	160	184		ug/L		115	54 - 145	1	30
4-Bromophenyl phenyl ether	80.0	80.3		ug/L		100	59 - 132	3	30
4-Chloro-3-methylphenol	80.0	81.6		ug/L		102	50 - 120	3	30
4-Chlorophenyl phenyl ether	80.0	77.7		ug/L		97	61 - 127	0	30
4-Methylphenol	80.0	68.9		ug/L		86	33 - 89	1	30
4-Nitroaniline	80.0	83.9		ug/L		105	49 - 135	2	30
4-Nitrophenol	160	106		ug/L		66	10 - 78	1	30
Acenaphthene	80.0	81.5		ug/L		102	58 - 127	0	30
Acenaphthylene	80.0	84.3		ug/L		105	63 - 133	0	30
Acetophenone	80.0	96.4		ug/L		120	54 - 125	3	30
Anthracene	80.0	87.0		ug/L		109	59 - 127	1	30
Atrazine	40.0	57.0		ug/L		142	10 - 150	0	30
Benzaldehyde	40.0	58.5		ug/L		146	16 - 150	2	30
Benzo[a]anthracene	80.0	79.1		ug/L		99	58 - 131	3	30
Benzo[a]pyrene	80.0	87.6		ug/L		109	63 - 148	0	30
Benzo[b]fluoranthene	80.0	83.0		ug/L		104	60 - 140	1	30
Benzo[g,h,i]perylene	80.0	82.9		ug/L		104	52 - 150	4	30
Benzo[k]fluoranthene	80.0	86.0		ug/L		108	60 - 140	1	30
Bis(2-chloroethoxy)methane	80.0	89.8		ug/L		112	57 - 122	1	30
Bis(2-chloroethyl)ether	80.0	92.4		ug/L		115	55 - 125	2	30
Bis(2-ethylhexyl) phthalate	80.0	104		ug/L		130	57 - 144	3	30
Butyl benzyl phthalate	80.0	107		ug/L		134	55 - 141	1	30
Caprolactam	40.0	12.1		ug/L		30	10 - 66	1	30

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Method: 8270C - Semivolatile Organics (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1074926/3-A

Matrix: Water

Analysis Batch: 1074938

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1074926

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbazole	80.0	89.3		ug/L		112	58 - 132	1	30
Chrysene	80.0	88.0		ug/L		110	57 - 132	5	30
Dibenz(a,h)anthracene	80.0	90.2		ug/L		113	53 - 150	4	30
Dibenzofuran	80.0	81.2		ug/L		102	59 - 125	1	30
Diethyl phthalate	80.0	84.4		ug/L		105	56 - 131	3	30
Dimethyl phthalate	80.0	83.7		ug/L		105	60 - 129	1	30
Di-n-butyl phthalate	80.0	101		ug/L		126	55 - 139	1	30
Di-n-octyl phthalate	80.0	110		ug/L		138	51 - 150	0	30
Fluoranthene	80.0	83.8		ug/L		105	59 - 137	0	30
Fluorene	80.0	79.8		ug/L		100	61 - 125	0	30
Hexachlorobenzene	80.0	79.5		ug/L		99	62 - 135	7	30
Hexachlorobutadiene	80.0	70.1		ug/L		88	16 - 147	1	30
Hexachlorocyclopentadiene	80.0	65.8		ug/L		82	27 - 150	0	30
Hexachloroethane	80.0	81.7		ug/L		102	10 - 138	1	30
Indeno[1,2,3-cd]pyrene	80.0	89.5		ug/L		112	54 - 150	5	30
Isophorone	80.0	94.3		ug/L		118	58 - 128	1	30
Naphthalene	80.0	82.8		ug/L		103	45 - 126	0	30
Nitrobenzene	80.0	91.1		ug/L		114	58 - 127	3	30
N-Nitrosodi-n-propylamine	80.0	105		ug/L		131	53 - 133	2	30
N-Nitrosodiphenylamine	80.0	87.6		ug/L		109	57 - 128	2	30
Pentachlorophenol	160	169		ug/L		106	54 - 140	1	30
Phenanthrene	80.0	87.5		ug/L		109	58 - 126	1	30
Phenol	80.0	38.8		ug/L		49	13 - 58	2	30
Pyrene	80.0	91.9		ug/L		115	53 - 137	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
2,4,6-Tribromophenol (Surr)	77		24 - 150
2-Fluorobiphenyl	90		38 - 139
2-Fluorophenol (Surr)	54		10 - 90
Nitrobenzene-d5 (Surr)	100		39 - 145
Phenol-d5 (Surr)	40		10 - 68
Terphenyl-d14 (Surr)	69		10 - 133

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1075184/1-A

Matrix: Water

Analysis Batch: 1075128

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1075184

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Aluminum	19.5	U	40.0	19.5	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Antimony	0.30	U	2.0	0.30	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Arsenic	0.89	U	2.0	0.89	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Barium	0.91	U	4.0	0.91	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Beryllium	0.13	U	0.80	0.13	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Cadmium	0.29	U	0.92	0.29	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Calcium	53.6	U	500	53.6	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Chromium	1.2	U	4.0	1.2	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Cobalt	0.24	U	2.0	0.24	ug/L		11/17/25 20:44	11/17/25 22:29	1

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-1075184/1-A

Matrix: Water

Analysis Batch: 1075128

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1075184

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Copper	2.5	U	4.0	2.5	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Iron	58.2	U	120	58.2	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Lead	0.84	U	1.2	0.84	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Magnesium	20.9	U	200	20.9	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Manganese	1.5	U	8.0	1.5	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Nickel	0.91	U	4.0	0.91	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Potassium	112	U	200	112	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Selenium	0.59	U	2.5	0.59	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Silver	0.29	U	2.0	0.29	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Sodium	219	U	500	219	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Thallium	0.17	U	0.50	0.17	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Vanadium	0.68	U	4.0	0.68	ug/L		11/17/25 20:44	11/17/25 22:29	1
Dissolved Zinc	6.5	U	16.0	6.5	ug/L		11/17/25 20:44	11/17/25 22:29	1

Lab Sample ID: LCS 460-1075184/2-A

Matrix: Water

Analysis Batch: 1075128

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1075184

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dissolved Aluminum	2500	2542		ug/L		102	80 - 120
Dissolved Antimony	25.0	24.34		ug/L		97	80 - 120
Dissolved Arsenic	50.0	49.19		ug/L		98	80 - 120
Dissolved Barium	50.0	52.28		ug/L		105	80 - 120
Dissolved Beryllium	25.0	23.30		ug/L		93	80 - 120
Dissolved Cadmium	25.0	24.53		ug/L		98	80 - 120
Dissolved Calcium	2500	2551		ug/L		102	80 - 120
Dissolved Chromium	50.0	50.16		ug/L		100	80 - 120
Dissolved Cobalt	25.0	25.16		ug/L		101	80 - 120
Dissolved Copper	50.0	50.47		ug/L		101	80 - 120
Dissolved Iron	2500	2589		ug/L		104	80 - 120
Dissolved Lead	25.0	25.01		ug/L		100	80 - 120
Dissolved Magnesium	2500	2515		ug/L		101	80 - 120
Dissolved Manganese	250	252.2		ug/L		101	80 - 120
Dissolved Nickel	50.0	50.00		ug/L		100	80 - 120
Dissolved Potassium	2500	2548		ug/L		102	80 - 120
Dissolved Selenium	50.0	49.86		ug/L		100	80 - 120
Dissolved Silver	25.0	24.76		ug/L		99	80 - 120
Dissolved Sodium	2500	2539		ug/L		102	80 - 120
Dissolved Thallium	20.0	19.76		ug/L		99	80 - 120
Dissolved Vanadium	50.0	49.99		ug/L		100	80 - 120
Dissolved Zinc	250	246.1		ug/L		98	80 - 120

Lab Sample ID: MB 460-1077158/1-A

Matrix: Water

Analysis Batch: 1077272

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1077158

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	19.5	U	40.0	19.5	ug/L		11/26/25 11:09	11/27/25 02:04	1
Antimony	0.30	U	2.0	0.30	ug/L		11/26/25 11:09	11/27/25 02:04	1

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-1077158/1-A

Matrix: Water

Analysis Batch: 1077272

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1077158

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.89	U	2.0	0.89	ug/L		11/26/25 11:09	11/27/25 02:04	1
Barium	0.91	U	4.0	0.91	ug/L		11/26/25 11:09	11/27/25 02:04	1
Beryllium	0.13	U	0.80	0.13	ug/L		11/26/25 11:09	11/27/25 02:04	1
Cadmium	0.29	U	0.92	0.29	ug/L		11/26/25 11:09	11/27/25 02:04	1
Calcium	53.6	U	500	53.6	ug/L		11/26/25 11:09	11/27/25 02:04	1
Chromium	1.2	U	4.0	1.2	ug/L		11/26/25 11:09	11/27/25 02:04	1
Cobalt	0.24	U	2.0	0.24	ug/L		11/26/25 11:09	11/27/25 02:04	1
Copper	2.5	U	4.0	2.5	ug/L		11/26/25 11:09	11/27/25 02:04	1
Iron	58.2	U	120	58.2	ug/L		11/26/25 11:09	11/27/25 02:04	1
Lead	0.84	U	1.2	0.84	ug/L		11/26/25 11:09	11/27/25 02:04	1
Magnesium	20.9	U	200	20.9	ug/L		11/26/25 11:09	11/27/25 02:04	1
Manganese	1.5	U	8.0	1.5	ug/L		11/26/25 11:09	11/27/25 02:04	1
Nickel	0.91	U	4.0	0.91	ug/L		11/26/25 11:09	11/27/25 02:04	1
Potassium	112	U	200	112	ug/L		11/26/25 11:09	11/27/25 02:04	1
Selenium	0.59	U	2.5	0.59	ug/L		11/26/25 11:09	11/27/25 02:04	1
Silver	0.29	U	2.0	0.29	ug/L		11/26/25 11:09	11/27/25 02:04	1
Sodium	219	U	500	219	ug/L		11/26/25 11:09	11/27/25 02:04	1
Thallium	0.17	U	0.50	0.17	ug/L		11/26/25 11:09	11/27/25 02:04	1
Vanadium	0.68	U	4.0	0.68	ug/L		11/26/25 11:09	11/27/25 02:04	1
Zinc	6.5	U	16.0	6.5	ug/L		11/26/25 11:09	11/27/25 02:04	1

Lab Sample ID: LCS 460-1077158/2-A

Matrix: Water

Analysis Batch: 1077272

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1077158

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	2500	2627		ug/L		105	80 - 120
Antimony	25.0	25.28		ug/L		101	80 - 120
Arsenic	50.0	54.70		ug/L		109	80 - 120
Barium	50.0	54.79		ug/L		110	80 - 120
Beryllium	25.0	23.01		ug/L		92	80 - 120
Cadmium	25.0	24.41		ug/L		98	80 - 120
Calcium	2500	2627		ug/L		105	80 - 120
Chromium	50.0	53.44		ug/L		107	80 - 120
Cobalt	25.0	26.70		ug/L		107	80 - 120
Copper	50.0	54.55		ug/L		109	80 - 120
Iron	2500	2727		ug/L		109	80 - 120
Lead	25.0	26.04		ug/L		104	80 - 120
Magnesium	2500	2619		ug/L		105	80 - 120
Manganese	250	263.2		ug/L		105	80 - 120
Nickel	50.0	53.63		ug/L		107	80 - 120
Potassium	2500	2661		ug/L		106	80 - 120
Selenium	50.0	51.65		ug/L		103	80 - 120
Silver	25.0	25.63		ug/L		103	80 - 120
Sodium	2500	2679		ug/L		107	80 - 120
Thallium	20.0	20.49		ug/L		102	80 - 120
Vanadium	50.0	51.38		ug/L		103	80 - 120
Zinc	250	268.3		ug/L		107	80 - 120

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-339416-D-7-K MS

Matrix: Water

Analysis Batch: 1077272

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 1077158

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	23.2	J	2500	2612		ug/L		104	75 - 125
Antimony	0.45	J	25.0	27.93		ug/L		110	75 - 125
Arsenic	0.89	U	50.0	56.63		ug/L		113	75 - 125
Barium	269		50.0	325.7	4	ug/L		114	75 - 125
Beryllium	0.13	U	25.0	24.18		ug/L		97	75 - 125
Cadmium	0.29	U	25.0	26.17		ug/L		105	75 - 125
Calcium	50200		2500	52190	4	ug/L		78	75 - 125
Chromium	1.2	U	50.0	54.15		ug/L		108	75 - 125
Cobalt	8.0		25.0	35.12		ug/L		109	75 - 125
Copper	2.5	U	50.0	54.60		ug/L		109	75 - 125
Iron	58.2	U	2500	2756		ug/L		110	75 - 125
Lead	0.84	U	25.0	26.70		ug/L		107	75 - 125
Magnesium	49400		2500	52190	4	ug/L		110	75 - 125
Manganese	9640		250	9904	4	ug/L		104	75 - 125
Nickel	41.8		50.0	95.58		ug/L		108	75 - 125
Potassium	4220		2500	6867		ug/L		106	75 - 125
Selenium	1.5	J	50.0	53.96		ug/L		105	75 - 125
Silver	0.29	U	25.0	26.29		ug/L		105	75 - 125
Sodium	151000		2500	152500	4	ug/L		51	75 - 125
Thallium	0.17	U	20.0	21.23		ug/L		106	75 - 125
Vanadium	0.68	U	50.0	53.64		ug/L		107	75 - 125
Zinc	10.7	J	250	275.9		ug/L		106	75 - 125

Lab Sample ID: 460-339416-D-7-L MSD

Matrix: Water

Analysis Batch: 1077272

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 1077158

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Aluminum	23.2	J	2500	2666		ug/L		106	75 - 125	2	20
Antimony	0.45	J	25.0	27.07		ug/L		106	75 - 125	3	20
Arsenic	0.89	U	50.0	55.04		ug/L		110	75 - 125	3	20
Barium	269		50.0	325.3	4	ug/L		113	75 - 125	0	20
Beryllium	0.13	U	25.0	24.64		ug/L		99	75 - 125	2	20
Cadmium	0.29	U	25.0	26.16		ug/L		105	75 - 125	0	20
Calcium	50200		2500	51400	4	ug/L		46	75 - 125	2	20
Chromium	1.2	U	50.0	53.14		ug/L		106	75 - 125	2	20
Cobalt	8.0		25.0	34.65		ug/L		107	75 - 125	1	20
Copper	2.5	U	50.0	53.05		ug/L		106	75 - 125	3	20
Iron	58.2	U	2500	2676		ug/L		107	75 - 125	3	20
Lead	0.84	U	25.0	26.65		ug/L		107	75 - 125	0	20
Magnesium	49400		2500	52740	4	ug/L		132	75 - 125	1	20
Manganese	9640		250	9884	4	ug/L		95	75 - 125	0	20
Nickel	41.8		50.0	95.57		ug/L		108	75 - 125	0	20
Potassium	4220		2500	6765		ug/L		102	75 - 125	1	20
Selenium	1.5	J	50.0	50.50		ug/L		98	75 - 125	7	20
Silver	0.29	U	25.0	25.46		ug/L		102	75 - 125	3	20
Sodium	151000		2500	153500	4	ug/L		93	75 - 125	1	20
Thallium	0.17	U	20.0	21.01		ug/L		105	75 - 125	1	20
Vanadium	0.68	U	50.0	54.34		ug/L		109	75 - 125	1	20

Eurofins Edison

QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-339416-D-7-L MSD

Matrix: Water

Analysis Batch: 1077272

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 1077158

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Zinc	10.7	J	250	281.9		ug/L		108	75 - 125	2	20

Lab Sample ID: 460-339416-D-7-J DU

Matrix: Water

Analysis Batch: 1077272

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 1077158

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	23.2	J	19.5	U	ug/L		NC	20
Antimony	0.45	J	0.500	J	ug/L		11	20
Arsenic	0.89	U	0.89	U	ug/L		NC	20
Barium	269		272.7		ug/L		1	20
Beryllium	0.13	U	0.13	U	ug/L		NC	20
Cadmium	0.29	U	0.29	U	ug/L		NC	20
Calcium	50200		50990		ug/L		1	20
Chromium	1.2	U	1.2	U	ug/L		NC	20
Cobalt	8.0		8.30		ug/L		4	20
Copper	2.5	U	2.5	U	ug/L		NC	20
Iron	58.2	U	58.2	U	ug/L		NC	20
Lead	0.84	U	0.84	U	ug/L		NC	20
Magnesium	49400		49960		ug/L		1	20
Manganese	9640		9725		ug/L		0.8	20
Nickel	41.8		41.95		ug/L		0.4	20
Potassium	4220		4270		ug/L		1	20
Selenium	1.5	J	1.61	J	ug/L		5	20
Silver	0.29	U	0.29	U	ug/L		NC	20
Sodium	151000		152800		ug/L		1	20
Thallium	0.17	U	0.17	U	ug/L		NC	20
Vanadium	0.68	U	0.68	U	ug/L		NC	20
Zinc	10.7	J	10.55	J	ug/L		2	20

Lab Sample ID: 460-339416-D-7-G MS

Matrix: Water

Analysis Batch: 1075128

Client Sample ID: Matrix Spike

Prep Type: Dissolved

Prep Batch: 1075184

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dissolved Aluminum	19.5	U	2500	2387		ug/L		95	75 - 125
Dissolved Antimony	0.30	U F1	25.0	14.70	F1	ug/L		59	75 - 125
Dissolved Arsenic	0.89	U	50.0	45.49		ug/L		91	75 - 125
Dissolved Barium	265		50.0	307.5	4	ug/L		84	75 - 125
Dissolved Beryllium	0.13	U	25.0	21.88		ug/L		88	75 - 125
Dissolved Cadmium	0.29	U	25.0	22.36		ug/L		89	75 - 125
Dissolved Calcium	48100		2500	49980	4	ug/L		76	75 - 125
Dissolved Chromium	1.2	U	50.0	44.37		ug/L		89	75 - 125
Dissolved Cobalt	6.4		25.0	29.52		ug/L		92	75 - 125
Dissolved Copper	2.5	U	50.0	46.68		ug/L		93	75 - 125
Dissolved Iron	58.2	U	2500	2355		ug/L		94	75 - 125
Dissolved Lead	0.84	U	25.0	23.31		ug/L		93	75 - 125
Dissolved Magnesium	48300		2500	50240	4	ug/L		80	75 - 125
Dissolved Manganese	8660		250	8857	4	ug/L		79	75 - 125

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-339416-D-7-G MS

Matrix: Water

Analysis Batch: 1075128

Client Sample ID: Matrix Spike

Prep Type: Dissolved

Prep Batch: 1075184

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dissolved Nickel	29.8		50.0	75.77		ug/L		92	75 - 125
Dissolved Potassium	3880		2500	6165		ug/L		91	75 - 125
Dissolved Selenium	1.5	J	50.0	48.37		ug/L		94	75 - 125
Dissolved Silver	0.29	U	25.0	20.56		ug/L		82	75 - 125
Dissolved Sodium	143000		2500	144100	4	ug/L		39	75 - 125
Dissolved Thallium	0.17	U	20.0	18.56		ug/L		93	75 - 125
Dissolved Vanadium	0.68	U	50.0	46.97		ug/L		94	75 - 125
Dissolved Zinc	6.5	U	250	238.6		ug/L		95	75 - 125

Lab Sample ID: 460-339416-D-7-H MSD

Matrix: Water

Analysis Batch: 1075128

Client Sample ID: Matrix Spike Duplicate

Prep Type: Dissolved

Prep Batch: 1075184

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dissolved Aluminum	19.5	U	2500	2306		ug/L		92	75 - 125	3	20
Dissolved Antimony	0.30	U F1	25.0	14.71	F1	ug/L		59	75 - 125	0	20
Dissolved Arsenic	0.89	U	50.0	47.02		ug/L		94	75 - 125	3	20
Dissolved Barium	265		50.0	308.2	4	ug/L		85	75 - 125	0	20
Dissolved Beryllium	0.13	U	25.0	21.87		ug/L		87	75 - 125	0	20
Dissolved Cadmium	0.29	U	25.0	23.08		ug/L		92	75 - 125	3	20
Dissolved Calcium	48100		2500	49880	4	ug/L		72	75 - 125	0	20
Dissolved Chromium	1.2	U	50.0	46.23		ug/L		92	75 - 125	4	20
Dissolved Cobalt	6.4		25.0	29.50		ug/L		92	75 - 125	0	20
Dissolved Copper	2.5	U	50.0	46.26		ug/L		93	75 - 125	1	20
Dissolved Iron	58.2	U	2500	2324		ug/L		93	75 - 125	1	20
Dissolved Lead	0.84	U	25.0	23.03		ug/L		92	75 - 125	1	20
Dissolved Magnesium	48300		2500	50080	4	ug/L		73	75 - 125	0	20
Dissolved Manganese	8660		250	8827	4	ug/L		67	75 - 125	0	20
Dissolved Nickel	29.8		50.0	75.92		ug/L		92	75 - 125	0	20
Dissolved Potassium	3880		2500	6141		ug/L		90	75 - 125	0	20
Dissolved Selenium	1.5	J	50.0	46.84		ug/L		91	75 - 125	3	20
Dissolved Silver	0.29	U	25.0	21.07		ug/L		84	75 - 125	2	20
Dissolved Sodium	143000		2500	144500	4	ug/L		55	75 - 125	0	20
Dissolved Thallium	0.17	U	20.0	18.43		ug/L		92	75 - 125	1	20
Dissolved Vanadium	0.68	U	50.0	47.60		ug/L		95	75 - 125	1	20
Dissolved Zinc	6.5	U	250	238.2		ug/L		95	75 - 125	0	20

Lab Sample ID: 460-339416-D-7-F DU

Matrix: Water

Analysis Batch: 1075128

Client Sample ID: Duplicate

Prep Type: Dissolved

Prep Batch: 1075184

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Dissolved Aluminum	19.5	U	19.5	U	ug/L		NC	20
Dissolved Antimony	0.30	U F1	0.30	U	ug/L		NC	20
Dissolved Arsenic	0.89	U	0.89	U	ug/L		NC	20
Dissolved Barium	265		263.2		ug/L		0.9	20
Dissolved Beryllium	0.13	U	0.13	U	ug/L		NC	20
Dissolved Cadmium	0.29	U	0.29	U	ug/L		NC	20
Dissolved Calcium	48100		48170		ug/L		0.2	20

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QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-339416-D-7-F DU
Matrix: Water
Analysis Batch: 1075128

Client Sample ID: Duplicate
Prep Type: Dissolved
Prep Batch: 1075184

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Dissolved Chromium	1.2	U	1.2	U	ug/L		NC	20
Dissolved Cobalt	6.4		6.61		ug/L		2	20
Dissolved Copper	2.5	U	2.5	U	ug/L		NC	20
Dissolved Iron	58.2	U	58.2	U	ug/L		NC	20
Dissolved Lead	0.84	U	0.84	U	ug/L		NC	20
Dissolved Magnesium	48300		48190		ug/L		0.1	20
Dissolved Manganese	8660		8720		ug/L		0.7	20
Dissolved Nickel	29.8		30.61		ug/L		3	20
Dissolved Potassium	3880		3932		ug/L		1	20
Dissolved Selenium	1.5	J	2.01	J F5	ug/L		28	20
Dissolved Silver	0.29	U	0.29	U	ug/L		NC	20
Dissolved Sodium	143000		143600		ug/L		0.3	20
Dissolved Thallium	0.17	U	0.17	U	ug/L		NC	20
Dissolved Vanadium	0.68	U	0.68	U	ug/L		NC	20
Dissolved Zinc	6.5	U	6.5	U	ug/L		NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 460-1075071/2-A
Matrix: Water
Analysis Batch: 1075163

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1075071

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.091	U	0.20	0.091	ug/L		11/17/25 09:40	11/17/25 17:47	1

Lab Sample ID: LCS 460-1075071/3-A
Matrix: Water
Analysis Batch: 1075163

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1075071

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury, Dissolved	1.00	0.966		ug/L		97	80 - 120

Lab Sample ID: MB 460-1075293/1-A
Matrix: Water
Analysis Batch: 1075398

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1075293

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		11/18/25 10:12	11/18/25 17:40	1

Lab Sample ID: LCS 460-1075293/2-A
Matrix: Water
Analysis Batch: 1075398

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1075293

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	1.00	1.10		ug/L		110	80 - 120

QC Sample Results

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 460-339490-F-1-C MS

Matrix: Water

Analysis Batch: 1075398

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 1075293

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.091	U	1.00	1.00		ug/L		100	75 - 125

Lab Sample ID: 460-339490-F-1-B DU

Matrix: Water

Analysis Batch: 1075398

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 1075293

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.091	U	0.091	U	ug/L		NC	20

Lab Sample ID: 460-339416-D-7-C MS

Matrix: Water

Analysis Batch: 1075163

Client Sample ID: Matrix Spike

Prep Type: Dissolved

Prep Batch: 1075071

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury, Dissolved	0.091	U	1.00	1.03		ug/L		103	75 - 125

Lab Sample ID: 460-339416-D-7-D MSD

Matrix: Water

Analysis Batch: 1075163

Client Sample ID: Matrix Spike Duplicate

Prep Type: Dissolved

Prep Batch: 1075071

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury, Dissolved	0.091	U	1.00	1.04		ug/L		104	75 - 125	1	20

Lab Sample ID: 460-339416-D-7-B DU

Matrix: Water

Analysis Batch: 1075163

Client Sample ID: Duplicate

Prep Type: Dissolved

Prep Batch: 1075071

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury, Dissolved	0.091	U	0.091	U	ug/L		NC	20

QC Association Summary

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

GC/MS VOA

Analysis Batch: 1076396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339557-2	FB-11222397-111325-ES-017	Total/NA	Water	8260D	
MB 460-1076396/8	Method Blank	Total/NA	Water	8260D	
LCS 460-1076396/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1076396/4	Lab Control Sample Dup	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 1074926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339557-3	FB-11222397-111325-ES-018	Total/NA	Water	3510C	
MB 460-1074926/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1074926/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1074926/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 1074938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339557-3	FB-11222397-111325-ES-018	Total/NA	Water	8270C	1074926
MB 460-1074926/1-A	Method Blank	Total/NA	Water	8270C	1074926
LCS 460-1074926/2-A	Lab Control Sample	Total/NA	Water	8270C	1074926
LCSD 460-1074926/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	1074926

Metals

Prep Batch: 1075071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339557-1	GW-11222397-111325-ES-016	Dissolved	Water	7470A	
460-339557-4	GW-11222397-111325-ES-019	Dissolved	Water	7470A	
MB 460-1075071/2-A	Method Blank	Total/NA	Water	7470A	
LCS 460-1075071/3-A	Lab Control Sample	Total/NA	Water	7470A	
460-339416-D-7-C MS	Matrix Spike	Dissolved	Water	7470A	
460-339416-D-7-D MSD	Matrix Spike Duplicate	Dissolved	Water	7470A	
460-339416-D-7-B DU	Duplicate	Dissolved	Water	7470A	

Analysis Batch: 1075128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339557-1	GW-11222397-111325-ES-016	Dissolved	Water	6020B	1075184
460-339557-4	GW-11222397-111325-ES-019	Dissolved	Water	6020B	1075184
MB 460-1075184/1-A	Method Blank	Total/NA	Water	6020B	1075184
LCS 460-1075184/2-A	Lab Control Sample	Total/NA	Water	6020B	1075184
460-339416-D-7-G MS	Matrix Spike	Dissolved	Water	6020B	1075184
460-339416-D-7-H MSD	Matrix Spike Duplicate	Dissolved	Water	6020B	1075184
460-339416-D-7-F DU	Duplicate	Dissolved	Water	6020B	1075184

Analysis Batch: 1075163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339557-1	GW-11222397-111325-ES-016	Dissolved	Water	7470A	1075071
460-339557-4	GW-11222397-111325-ES-019	Dissolved	Water	7470A	1075071
MB 460-1075071/2-A	Method Blank	Total/NA	Water	7470A	1075071
LCS 460-1075071/3-A	Lab Control Sample	Total/NA	Water	7470A	1075071
460-339416-D-7-C MS	Matrix Spike	Dissolved	Water	7470A	1075071
460-339416-D-7-D MSD	Matrix Spike Duplicate	Dissolved	Water	7470A	1075071
460-339416-D-7-B DU	Duplicate	Dissolved	Water	7470A	1075071

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QC Association Summary

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Metals

Prep Batch: 1075184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339557-1	GW-11222397-111325-ES-016	Dissolved	Water	3010A	
460-339557-4	GW-11222397-111325-ES-019	Dissolved	Water	3010A	
MB 460-1075184/1-A	Method Blank	Total/NA	Water	3010A	
LCS 460-1075184/2-A	Lab Control Sample	Total/NA	Water	3010A	
460-339416-D-7-G MS	Matrix Spike	Dissolved	Water	3010A	
460-339416-D-7-H MSD	Matrix Spike Duplicate	Dissolved	Water	3010A	
460-339416-D-7-F DU	Duplicate	Dissolved	Water	3010A	

Prep Batch: 1075293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339557-1	GW-11222397-111325-ES-016	Total/NA	Water	7470A	
460-339557-4	GW-11222397-111325-ES-019	Total/NA	Water	7470A	
MB 460-1075293/1-A	Method Blank	Total/NA	Water	7470A	
LCS 460-1075293/2-A	Lab Control Sample	Total/NA	Water	7470A	
460-339490-F-1-C MS	Matrix Spike	Total/NA	Water	7470A	
460-339490-F-1-B DU	Duplicate	Total/NA	Water	7470A	

Analysis Batch: 1075398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339557-1	GW-11222397-111325-ES-016	Total/NA	Water	7470A	1075293
460-339557-4	GW-11222397-111325-ES-019	Total/NA	Water	7470A	1075293
MB 460-1075293/1-A	Method Blank	Total/NA	Water	7470A	1075293
LCS 460-1075293/2-A	Lab Control Sample	Total/NA	Water	7470A	1075293
460-339490-F-1-C MS	Matrix Spike	Total/NA	Water	7470A	1075293
460-339490-F-1-B DU	Duplicate	Total/NA	Water	7470A	1075293

Prep Batch: 1077158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339557-1	GW-11222397-111325-ES-016	Total/NA	Water	3010A	
460-339557-4	GW-11222397-111325-ES-019	Total/NA	Water	3010A	
MB 460-1077158/1-A	Method Blank	Total/NA	Water	3010A	
LCS 460-1077158/2-A	Lab Control Sample	Total/NA	Water	3010A	
460-339416-D-7-K MS	Matrix Spike	Total/NA	Water	3010A	
460-339416-D-7-L MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	
460-339416-D-7-J DU	Duplicate	Total/NA	Water	3010A	

Analysis Batch: 1077272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-339557-1	GW-11222397-111325-ES-016	Total/NA	Water	6020B	1077158
460-339557-4	GW-11222397-111325-ES-019	Total/NA	Water	6020B	1077158
MB 460-1077158/1-A	Method Blank	Total/NA	Water	6020B	1077158
LCS 460-1077158/2-A	Lab Control Sample	Total/NA	Water	6020B	1077158
460-339416-D-7-K MS	Matrix Spike	Total/NA	Water	6020B	1077158
460-339416-D-7-L MSD	Matrix Spike Duplicate	Total/NA	Water	6020B	1077158
460-339416-D-7-J DU	Duplicate	Total/NA	Water	6020B	1077158

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Client Sample ID: GW-11222397-111325-ES-016

Lab Sample ID: 460-339557-1

Date Collected: 11/13/25 10:50

Matrix: Water

Date Received: 11/14/25 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3010A			1075184	VAD	EET EDI	11/17/25 20:44
Dissolved	Analysis	6020B		1	1075128	CDC	EET EDI	11/17/25 23:10
Total/NA	Prep	3010A			1077158	ORE	EET EDI	11/26/25 11:09
Total/NA	Analysis	6020B		1	1077272	DLE	EET EDI	11/27/25 02:43
Dissolved	Prep	7470A			1075071	TOH	EET EDI	11/17/25 09:40
Dissolved	Analysis	7470A		1	1075163	TOH	EET EDI	11/17/25 18:39
Total/NA	Prep	7470A			1075293	TOH	EET EDI	11/18/25 10:12
Total/NA	Analysis	7470A		1	1075398	TOH	EET EDI	11/18/25 18:17

Client Sample ID: FB-11222397-111325-ES-017

Lab Sample ID: 460-339557-2

Date Collected: 11/13/25 11:25

Matrix: Water

Date Received: 11/14/25 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1076396	KLB	EET EDI	11/23/25 04:12

Client Sample ID: FB-11222397-111325-ES-018

Lab Sample ID: 460-339557-3

Date Collected: 11/13/25 11:30

Matrix: Water

Date Received: 11/14/25 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			1074926	NMP	EET EDI	11/16/25 06:58
Total/NA	Analysis	8270C		1	1074938	YAH	EET EDI	11/16/25 11:53

Client Sample ID: GW-11222397-111325-ES-019

Lab Sample ID: 460-339557-4

Date Collected: 11/13/25 12:15

Matrix: Water

Date Received: 11/14/25 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3010A			1075184	VAD	EET EDI	11/17/25 20:44
Dissolved	Analysis	6020B		1	1075128	CDC	EET EDI	11/17/25 23:13
Total/NA	Prep	3010A			1077158	ORE	EET EDI	11/26/25 11:09
Total/NA	Analysis	6020B		1	1077272	DLE	EET EDI	11/27/25 02:46
Dissolved	Prep	7470A			1075071	TOH	EET EDI	11/17/25 09:40
Dissolved	Analysis	7470A		1	1075163	TOH	EET EDI	11/17/25 18:42
Total/NA	Prep	7470A			1075293	TOH	EET EDI	11/18/25 10:12
Total/NA	Analysis	7470A		1	1075398	TOH	EET EDI	11/18/25 18:20

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Eurofins Edison

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	01-03-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
6020B	3010A	Water	Aluminum
6020B	3010A	Water	Antimony
6020B	3010A	Water	Arsenic
6020B	3010A	Water	Barium
6020B	3010A	Water	Beryllium
6020B	3010A	Water	Cadmium
6020B	3010A	Water	Calcium
6020B	3010A	Water	Chromium
6020B	3010A	Water	Cobalt
6020B	3010A	Water	Copper
6020B	3010A	Water	Dissolved Aluminum
6020B	3010A	Water	Dissolved Antimony
6020B	3010A	Water	Dissolved Arsenic
6020B	3010A	Water	Dissolved Barium
6020B	3010A	Water	Dissolved Beryllium
6020B	3010A	Water	Dissolved Cadmium
6020B	3010A	Water	Dissolved Calcium
6020B	3010A	Water	Dissolved Chromium
6020B	3010A	Water	Dissolved Cobalt
6020B	3010A	Water	Dissolved Copper
6020B	3010A	Water	Dissolved Iron
6020B	3010A	Water	Dissolved Lead
6020B	3010A	Water	Dissolved Magnesium
6020B	3010A	Water	Dissolved Manganese
6020B	3010A	Water	Dissolved Nickel
6020B	3010A	Water	Dissolved Potassium
6020B	3010A	Water	Dissolved Selenium
6020B	3010A	Water	Dissolved Silver
6020B	3010A	Water	Dissolved Sodium
6020B	3010A	Water	Dissolved Thallium
6020B	3010A	Water	Dissolved Vanadium
6020B	3010A	Water	Dissolved Zinc
6020B	3010A	Water	Iron
6020B	3010A	Water	Lead
6020B	3010A	Water	Magnesium
6020B	3010A	Water	Manganese
6020B	3010A	Water	Nickel
6020B	3010A	Water	Potassium
6020B	3010A	Water	Selenium
6020B	3010A	Water	Silver
6020B	3010A	Water	Sodium
6020B	3010A	Water	Thallium
6020B	3010A	Water	Vanadium
6020B	3010A	Water	Zinc
7470A	7470A	Water	Mercury

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Laboratory: Eurofins Edison (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
7470A	7470A	Water	Mercury, Dissolved
8260D		Water	1,1,1-Trichloroethane
8260D		Water	1,1,2,2-Tetrachloroethane
8260D		Water	1,1,2-Trichloro-1,2,2-trifluoroethane
8260D		Water	1,1,2-Trichloroethane
8260D		Water	1,1-Dichloroethane
8260D		Water	1,1-Dichloroethene
8260D		Water	1,2,4-Trichlorobenzene
8260D		Water	1,2,4-Trimethylbenzene
8260D		Water	1,2-Dibromo-3-Chloropropane
8260D		Water	1,2-Dibromoethane
8260D		Water	1,2-Dichlorobenzene
8260D		Water	1,2-Dichloroethane
8260D		Water	1,2-Dichloropropane
8260D		Water	1,3-Dichlorobenzene
8260D		Water	1,4-Dichlorobenzene
8260D		Water	2-Butanone (MEK)
8260D		Water	2-Hexanone
8260D		Water	4-Methyl-2-pentanone (MIBK)
8260D		Water	Acetone
8260D		Water	Benzene
8260D		Water	Bromoform
8260D		Water	Bromomethane
8260D		Water	Carbon disulfide
8260D		Water	Carbon tetrachloride
8260D		Water	Chlorobenzene
8260D		Water	Chlorodibromomethane
8260D		Water	Chloroethane
8260D		Water	Chloroform
8260D		Water	Chloromethane
8260D		Water	cis-1,2-Dichloroethene
8260D		Water	cis-1,3-Dichloropropene
8260D		Water	Cyclohexane
8260D		Water	Dichlorobromomethane
8260D		Water	Dichlorodifluoromethane
8260D		Water	Ethylbenzene
8260D		Water	Isopropylbenzene
8260D		Water	Methyl acetate
8260D		Water	Methyl tert-butyl ether
8260D		Water	Methylcyclohexane
8260D		Water	Methylene Chloride
8260D		Water	Styrene
8260D		Water	Tetrachloroethene
8260D		Water	Toluene
8260D		Water	trans-1,2-Dichloroethene
8260D		Water	trans-1,3-Dichloropropene
8260D		Water	Trichloroethene

Eurofins Edison

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Laboratory: Eurofins Edison (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Trichlorofluoromethane
8260D		Water	Vinyl chloride
8260D		Water	Xylenes, Total
8270C	3510C	Water	1,1'-Biphenyl
8270C	3510C	Water	2,2'-oxybis[1-chloropropane]
8270C	3510C	Water	2,4,5-Trichlorophenol
8270C	3510C	Water	2,4,6-Trichlorophenol
8270C	3510C	Water	2,4-Dichlorophenol
8270C	3510C	Water	2,4-Dimethylphenol
8270C	3510C	Water	2,4-Dinitrophenol
8270C	3510C	Water	2,4-Dinitrotoluene
8270C	3510C	Water	2,6-Dinitrotoluene
8270C	3510C	Water	2-Chloronaphthalene
8270C	3510C	Water	2-Chlorophenol
8270C	3510C	Water	2-Methylnaphthalene
8270C	3510C	Water	2-Methylphenol
8270C	3510C	Water	2-Nitroaniline
8270C	3510C	Water	2-Nitrophenol
8270C	3510C	Water	3,3'-Dichlorobenzidine
8270C	3510C	Water	3-Nitroaniline
8270C	3510C	Water	4,6-Dinitro-2-methylphenol
8270C	3510C	Water	4-Bromophenyl phenyl ether
8270C	3510C	Water	4-Chloro-3-methylphenol
8270C	3510C	Water	4-Chlorophenyl phenyl ether
8270C	3510C	Water	4-Methylphenol
8270C	3510C	Water	4-Nitroaniline
8270C	3510C	Water	4-Nitrophenol
8270C	3510C	Water	Acenaphthene
8270C	3510C	Water	Acenaphthylene
8270C	3510C	Water	Acetophenone
8270C	3510C	Water	Anthracene
8270C	3510C	Water	Atrazine
8270C	3510C	Water	Benzaldehyde
8270C	3510C	Water	Benzo[a]anthracene
8270C	3510C	Water	Benzo[a]pyrene
8270C	3510C	Water	Benzo[b]fluoranthene
8270C	3510C	Water	Benzo[g,h,i]perylene
8270C	3510C	Water	Benzo[k]fluoranthene
8270C	3510C	Water	Bis(2-chloroethoxy)methane
8270C	3510C	Water	Bis(2-chloroethyl)ether
8270C	3510C	Water	Bis(2-ethylhexyl) phthalate
8270C	3510C	Water	Butyl benzyl phthalate
8270C	3510C	Water	Caprolactam
8270C	3510C	Water	Carbazole
8270C	3510C	Water	Chrysene
8270C	3510C	Water	Dibenz(a,h)anthracene
8270C	3510C	Water	Dibenzofuran

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Laboratory: Eurofins Edison (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8270C	3510C	Water	Diethyl phthalate
8270C	3510C	Water	Dimethyl phthalate
8270C	3510C	Water	Di-n-butyl phthalate
8270C	3510C	Water	Di-n-octyl phthalate
8270C	3510C	Water	Fluoranthene
8270C	3510C	Water	Fluorene
8270C	3510C	Water	Hexachlorobenzene
8270C	3510C	Water	Hexachlorobutadiene
8270C	3510C	Water	Hexachlorocyclopentadiene
8270C	3510C	Water	Hexachloroethane
8270C	3510C	Water	Indeno[1,2,3-cd]pyrene
8270C	3510C	Water	Isophorone
8270C	3510C	Water	Naphthalene
8270C	3510C	Water	Nitrobenzene
8270C	3510C	Water	N-Nitrosodi-n-propylamine
8270C	3510C	Water	N-Nitrosodiphenylamine
8270C	3510C	Water	Pentachlorophenol
8270C	3510C	Water	Phenanthrene
8270C	3510C	Water	Phenol
8270C	3510C	Water	Pyrene

Method Summary

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organics (GC/MS)	SW846	EET EDI
8270C	Semivolatile Organics (GC/MS)	SW846	EET EDI
6020B	Metals (ICP/MS)	SW846	EET EDI
7470A	Mercury (CVAA)	SW846	EET EDI
3010A	Preparation, Total Metals	SW846	EET EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET EDI
5030B	Purge and Trap	SW846	EET EDI
7470A	Preparation, Mercury	SW846	EET EDI

Protocol References:

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

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: GHD Services Inc.
Project/Site: 11222397- RACER - Wilmington, DE

Job ID: 460-339557-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-339557-1	GW-11222397-111325-ES-016	Water	11/13/25 10:50	11/14/25 19:00	Delaware
460-339557-2	FB-11222397-111325-ES-017	Water	11/13/25 11:25	11/14/25 19:00	Delaware
460-339557-3	FB-11222397-111325-ES-018	Water	11/13/25 11:30	11/14/25 19:00	Delaware
460-339557-4	GW-11222397-111325-ES-019	Water	11/13/25 12:15	11/14/25 19:00	Delaware

Chain of Custody Record 745912



Environment Testing

Address:

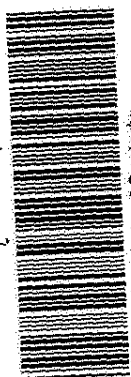
SS 20P 2

TAL-8210

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact		Project Manager: Sam Sarnow		Date: 11/13/25		COC No. of COCs	
Company Name: GUD		Tel/Email:		Carrier:		Sampler:	
Address:		Analysis Turnaround Time		Lab Contact:		For Lab Use Only	
City/State/Zip:		☐ CALENDAR DAYS ☐ WORKING DAYS		TAL Metals w/ Hg		Walk-in Client:	
Phone:		TAT if different from Below		TAL Metals w/ Hg		Lab Sampling	
Fax:		☐ 2 weeks		TCL VOCs		Job / SDG No. 349557	
Project Name: RACER WILMINGTON		☐ 1 week		TCL SVOCs			
Site:		☐ 2 days		Perform MS/MSD (Y/N)			
PO # 11222397		☐ 1 day		Filtered Sample (Y/N)			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes
GW-11222397-111325-ES-016	11/13/25	1050	G	GW	2	1
FB-11222397-111325-ES-017		1125		FB	3	2
FB-11222397-111325-ES-018		1130		FB	2	3
GW-11222397-111325-ES-019		1215		GW	2	4
TB					1	5



460-339557 Chain of Custody

Preservation Used: 1=Ice, 2=HCN, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for: Months

Special Instructions/QC Requirements & Comments

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.	Cooler Temp (°C): Obs'd: _____	Therm ID No. _____
Relinquished by: [Signature]	Company: GUD	Received by: [Signature]	Date/Time: 11/13/25 1542
Relinquished by: [Signature]	Company: GUD	Received by: [Signature]	Date/Time: 11/14/25 1114
Relinquished by: [Signature]	Company: GUD	Received by: [Signature]	Date/Time: 11/14/25 1900

Job Number:

Number of Coolers.

IR Gun #

Cooler Temperatures

CORRECTED		CORRECTED		CORRECTED	
RAW		RAW		RAW	
Cooler #1: 5.5 °C		Cooler #4:	°C	Cooler #7:	°C
Cooler #2:	°C	Cooler #5:	°C	Cooler #8:	°C
Cooler #3:	°C	Cooler #6:	°C	Cooler #9:	°C

[illegible]

If pH adjustments are required record the information below:

Sample No(s) adjusted

Preservative Name/Conc.

Lot # of Preservative(s):

Expiration Date:

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 460-339557-1

Login Number: 339557

List Number: 1

Creator: Rivera, Kenneth

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	False	Refer to Job Narrative for details.
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix E

Historical Groundwater Analytical Results

Historical Groundwater Analytical Results
Long-Term Stewardship Plan Groundwater Sampling Report, Year 3
Former GM Wilmington Assembly Plant
Wilmington, Delaware

Operable Unit:		HSCA Groundwater Screening Levels (December 2025)	HSCA Ecological Surface Water Fresh Screening Levels (December 2025)	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	
Sample Location:				MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	
Sample ID:				MW8-060205EAP001	MW8-060205EAP002	WG-17338-111405 RR-015	GW173380821060 04	GW173380823060 15	GW-17338-121406 MJW-10	GW-17338-080408 02	GW-17338-112008 01	GW-017338-022409-009	GW-017338-050809-ACH-003	GW-017338-050809-ACH-004	GW-017338-081809-ACH-05	GW-017338-111209-ACH-03	GW-017338-111209-ACH-04	GW-017338-012110-ACH-001	GW-017338-030110-ACH-003	GW-017338-051810-ACH-02
Sample Date:				6/2/2005	6/2/2005 (Duplicate)	11/14/2005	8/21/2006	8/23/2006	12/14/2006	8/4/2008	11/20/2008	2/24/2009	5/8/2009	5/8/2009 (Duplicate)	8/18/2009	11/12/2009	11/12/2009 (Duplicate)	1/21/2010	3/1/2010	5/18/2010
Parameters		Units	(a)	(b)																
Volatile Organic Compounds																				
1,1,1-Trichloroethane	ug/L	200	11	5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	1.0 U	0.25 U
1,1,2,2-Tetrachloroethane	ug/L	0.076	610	1.0 U	1.0 U	1.0 U	1.0 U	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	1.0 U	0.090 U
1,1,2-Trichloroethane	ug/L	0.041	1200	3.0 U	3.0 U	3.0 U	3.0 U	-	3.0 U	3.0 U	3.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	1.0 U	0.10 U
1,1-Dichloroethane	ug/L	2.8	47	5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	1.0 U	0.10 U
1,1-Dichloroethene	ug/L	0.82	25	2.0 U	2.0 U	2.0 U	2.0 U	-	2.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	1.0 U	0.14 U
1,2,4-Trichlorobenzene	ug/L	0.4	24	5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	1.0 U	0.44 U
1,2,4-Trimethylbenzene	ug/L	5.6		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	0.00033		5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	-	1.0 U	0.15 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	0.0075		5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	1.0 U	0.090 U
1,2-Dichlorobenzene	ug/L	30	0.7	0.7 J	0.8 J ^b	5.0 U	5.0 U	-	5.0 U	5.0 U	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	1.0 U	0.27 J
1,2-Dichloroethane	ug/L	0.17	100	2.0 U	2.0 U	2.0 U	2.0 U	-	2.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	1.0 U	0.24 U
1,2-Dichloropropane	ug/L	0.82		1.0 U	1.0 U	1.0 U	1.0 U	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	1.0 U	0.090 U
1,3,5-Trimethylbenzene	ug/L	6	71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L			0.6 J	0.6 J	5.0 U	5.0 U	-	5.0 U	5.0 U	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	1.0 U	0.22 U
1,4-Dichlorobenzene	ug/L	0.48	26	3.7 J ^a	3.8 J ^a	1.3 J ^a	5.0 U	-	5.0 U	5.0 U	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	1.0 U	0.28 J
1,4-Dioxane	ug/L	0.46		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	560	14000	R	R	R	5.0 U	-	R	5.0 U	5.0 U	10 U	10 U	10 U	R	10 UJ	10 UJ	-	10 U	0.82 U
2-Hexanone	ug/L	3.8	99	5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	5.0 U	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	0.55 U
4-Methyl-2-pentanone (Methyl isobutyl k	ug/L	630	170	5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	5.0 U	10 U	10 U	10 U	10 U	10 U	10 U	-	R	0.68 U
Acetone	ug/L	1800	1500	5.0 U	5.0 U	5.0 U	R	-	R	R	5.0 U	10 U	10 UJ	10 UJ	R	R	R	-	R	2.5 U
Benzene	ug/L	0.46	370	4.7 ^a	4.9 ^a	7.6 ^a	7.2 ^a	-	6.6 ^a	1.2 ^a	3.9 ^a	2.9 ^a	1.9 ^a	2.1 ^a	3.7 ^a	12 ^a	12 ^a	-	2.2 ^a	4.5 ^a
Bromodichloromethane	ug/L	0.13		1.0 U	1.0 U	1.0 U	1.0 U	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	1.0 U	0.093 U
Bromoform	ug/L	3.3	320	4.0 U	4.0 U	4.0 U	4.0 U	-	4.0 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	1.0 U	0.10 U
Bromomethane (Methyl bromide)	ug/L	0.75		5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	1.0 U	0.31 U
Carbon disulfide	ug/L	81	0.92	5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	1.0 U	0.15 U
Carbon tetrachloride	ug/L	0.46	13.3	2.0 U	2.0 U	2.0 U	2.0 U	-	2.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	1.0 U	0.19 U
Chlorobenzene	ug/L	7.8	1.3	810 ^{ab}	710 ^{ab}	250 ^{ab}	60 ^{ab}	-	49 ^{ab}	4.6 J ^b	3.3 J ^b	2.9 ^b	1.6 ^b	1.7 ^b	2.0 ^b	2.8 ^b	2.8 ^b	-	1.7 ^b	2.9 ^b
Chlorobromomethane	ug/L	8.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	ug/L	830		5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	-	1.0 U	0.45 U
Chloroform (Trichloromethane)	ug/L	0.22	1.8	5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	1.0 U	0.15 U
Chloromethane (Methyl chloride)	ug/L	19		5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	1.0 U	0.21 U
cis-1,2-Dichloroethene	ug/L	2.5		5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	1.0 U	0.20 U
cis-1,3-Dichloropropene	ug/L			5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	1.0 U	0.11 U
Cyclohexane	ug/L	1300		0.6 J	0.7 J	1.7 J	1.1 J	-	1.6 J	0.9 J	-	3.1	3.1	2.9	2.1	5.3	5.1	-	2.3	2.8
Dibromochloromethane	ug/L	0.87		5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	1.0 U	0.11 U
Dichlorodifluoromethane (CFC-12)	ug/L	20		5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	1.0 U	0.29 U
Ethylbenzene	ug/L	1.5	90	6.5 ^a	7.3 ^a	0.9 J	4.0 U	-	4.0 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	0.43 J	0.80 J	0.79 J	-	0.31 J	0.33 J
Isopropyl benzene	ug/L	45	2.6	2.5 J	2.7 J ^b															

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Wilmington, Delaware

Operable Unit:		HSCA Groundwater Screening Levels (December 2025)	HSCA Ecological Surface Water Fresh Screening Levels (December 2025)	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	
Sample Location:	MW-8			MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	
Sample ID:	MW8-060205EAP001			MW8-060205EAP002	WG-17338-111405RR-015	GW17338082106004	GW17338082306015	GW-17338-121406MJW-10	GW-17338-08040802	GW-17338-11200801	GW-017338-022409-009	GW-017338-050809-ACH-003	GW-017338-050809-ACH-004	GW-017338-081809-ACH-05	GW-017338-111209-ACH-03	GW-017338-111209-ACH-04	GW-017338-012110-ACH-001	GW-017338-030110-ACH-003	GW-017338-051810-ACH-02	
Sample Date:	6/2/2005			6/2/2005 (Duplicate)	11/14/2005	8/21/2006	8/23/2006	12/14/2006	8/4/2008	11/20/2008	2/24/2009	5/8/2009	5/8/2009 (Duplicate)	8/18/2009	11/12/2009	11/12/2009 (Duplicate)	1/21/2010	3/1/2010	5/18/2010	
Parameters	Units	(a)	(b)																	
2-Chlorophenol	ug/L	9.1	24	4.4 J	4.8 J	1.0 J	11 U	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	2.7 U	-
2-Methylnaphthalene	ug/L	3.6	4.7	10 U	17 U	10 U	11 UJ	-	10 U	10 U	0.4 J	10 U	10 U	10 U	11 U	10 U	10 U	10 U	3.2 U	3.1 U
2-Methylphenol	ug/L	93	13	0.2 J	17 U	10 U	11 U	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	1.7 U	-
2-Nitroaniline	ug/L	19		21 U	33 U	21 U	22 UJ	-	21 U	20 U	20 U	21 U	20 U	20 U	21 U	21 U	20 U	20 U	5.8 U	5.8 U
2-Nitrophenol	ug/L			10 U	17 U	10 U	11 U	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	3.5 U	-
3,3'-Dichlorobenzidine	ug/L	0.13	4.5	21 U	33 U	21 U	22 UJ	-	21 U	20 U	20 U	21 U	20 U	20 U	21 U	21 U	20 U	20 U	7.1 U	7.0 U
3-Nitroaniline	ug/L			21 U	33 U	21 U	22 UJ	-	21 U	20 U	20 U	21 U	20 U	20 U	21 U	21 U	20 U	20 U	4.4 U	4.4 UJ
4,6-Dinitro-2-methylphenol	ug/L	0.15		42 U	67 U	41 U	33 UJ	-	31 U	30 U	31 U	32 U	30 U	30 U	32 U	31 U	30 U	30 U	5.3 U	-
4-Bromophenyl phenyl ether	ug/L			10 U	17 U	10 U	11 UJ	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	4.0 U	4.0 U
4-Chloro-3-methylphenol	ug/L	140		10 U	17 U	10 U	11 U	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	2.0 U	-
4-Chloroaniline	ug/L	0.37	232	10 U	17 U	10 U	11 UJ	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	2.1 U	2.1 UJ
4-Chlorophenyl phenyl ether	ug/L			10 U	17 U	10 U	11 UJ	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	4.0 U	4.0 U
4-Methylphenol	ug/L	37	543	10 U	0.4 J	10 U	11 U	-	10 U	10 U	-	10 U	10 U	10 U	11 U	10 U	10 U	10 U	1.6 U	-
4-Nitroaniline	ug/L	3.8		21 U	33 U	21 U	22 UJ	-	21 U	20 U	20 U	21 U	20 U	20 U	21 U	21 U	20 U	20 U	4.1 U	4.0 U
4-Nitrophenol	ug/L			42 U	67 U	41 U	33 U	-	31 U	30 U	31 U	32 U	30 U	30 U	32 U	31 U	30 U	30 U	2.4 U	-
Acenaphthene	ug/L	53	5.8	10 U	17 U	0.4 J	11 UJ	-	0.6 J	0.3 J	0.8 J	0.8 J	10 U	10 U	11 U	10 U	10 U	10 U	3.8 U	3.8 U
Acenaphthylene	ug/L			10 U	17 U	10 U	11 UJ	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	4.1 U	4.1 U
Acetophenone	ug/L	190		10 U	17 U	10 U	11 UJ	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	4.4 U	4.3 U
Anthracene	ug/L	180	0.012	10 U	17 U	10 U	11 UJ	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	3.6 U	3.6 U
Atrazine	ug/L	0.3	1.8	10 UJ	17 UJ	10 UJ	11 UJ	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	4.9 U	4.8 U
Benzaldehyde	ug/L	19		10 UJ	17 UJ	10 UJ	11 UJ	-	10 UJ	10 UJ	10 UJ	10 UJ	10 U	10 U	11 U	10 UJ	10 UJ	10 UJ	1.4 UJ	1.4 UJ
Benzo(a)anthracene	ug/L	0.03	0.018	1.0 U	1.7 U	1.0 U	1.1 UJ	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	0.020 U	0.020 U
Benzo(a)pyrene	ug/L	0.025	0.015	1.0 U	1.7 U	1.0 U	1.1 UJ	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	0.031 U	0.030 U
Benzo(b)fluoranthene	ug/L	0.25		1.0 U	1.7 U	1.0 U	1.1 UJ	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	0.041 U	0.040 U
Benzo(g,h,i)perylene	ug/L			10 U	17 U	10 U	11 UJ	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	2.8 U	2.7 U
Benzo(k)fluoranthene	ug/L	2.5		1.0 U	1.7 U	1.0 U	1.1 UJ	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	0.31 U	0.30 U
Biphenyl (1,1-Biphenyl)	ug/L	0.083	14	10 U	17 U	10 U	11 UJ	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	5.5 U	5.5 U
bis(2-Chloroethoxy)methane	ug/L	5.9		10 U	17 U	10 U	11 UJ	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	3.5 U	3.5 U
bis(2-Chloroethyl)ether	ug/L	0.014		1.0 U	1.7 U	1.0 U	1.1 UJ	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	0.42 U	0.41 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	5.6	16	10 U	17 U	10 U	11 UJ	-	10 U	10 U	10 U	10 U	10 UJ	10 UJ	11 U	10 U	10 U	10 U	2.4 U	2.4 U
Butyl benzylphthalate (BBP)	ug/L	16	19	10 U	17 U	10 U	11 UJ	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	2.8 U	2.8 U
Caprolactam	ug/L	990		10 U	17 U	10 U	11 UJ	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	0.51 U	R
Carbazole	ug/L			10 U	17 U	10 U	11 UJ	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	3.1 U	3.1 U
Chrysene	ug/L	25		10 U	17 U	10 U	11 UJ	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	3.8 U	3.8 U
Dibenz(a,h)anthracene	ug/L	0.025	0.00622	1.0 U	1.7 U	1.0 U	1.1 UJ	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	0.16 U	0.16 U
Dibenzofuran	ug/L	0.79	3.7	10 U	17 U	0.3 J	11 UJ	-	0.3 J	10 U	0.3 J	10 U	10 U	10 U	11 U	10 U	10 U	10 U	3.7 U	3.6 U
Diethyl phthalate	ug/L	1500	210	10 U	17 U	10 U	11 UJ	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	3.9 U	3.9 U
Dimethyl phthalate	ug/L			10 U	17 U	10 U	11 UJ	-	10 U	10 U	10 U	10 U	10 U							

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Operable Unit: Sample Location: Sample ID: Sample Date:		HSCA Groundwater Screening Levels (December 2025)	HSCA Ecological Surface Water Fresh Screening Levels (December 2025)	OU-2 MW-8 MW8- 060205EAP001 6/2/2005	OU-2 MW-8 MW8- 060205EAP002 6/2/2005 (Duplicate)	OU-2 MW-8 WG-17338-111405 RR-015 11/14/2005	OU-2 MW-8 GW173380821060 04 8/21/2006	OU-2 MW-8 GW173380823060 15 8/23/2006	OU-2 MW-8 GW-17338-121406 MJW-10 12/14/2006	OU-2 MW-8 GW-17338-080408 02 8/4/2008	OU-2 MW-8 GW-17338-112008 01 11/20/2008	OU-2 MW-8 GW-017338- 022409-009 2/24/2009	OU-2 MW-8 GW-017338- 050809-ACH-003 5/8/2009	OU-2 MW-8 GW-017338- 050809-ACH-004 5/8/2009 (Duplicate)	OU-2 MW-8 GW-017338- 081809-ACH-05 8/18/2009	OU-2 MW-8 GW-017338- 111209-ACH-03 11/12/2009	OU-2 MW-8 GW-017338- 111209-ACH-04 11/12/2009 (Duplicate)	OU-2 MW-8 GW-017338- 012110-ACH-001 1/21/2010	OU-2 MW-8 GW-017338- 030110-ACH-003 3/1/2010	OU-2 MW-8 GW-017338- 051810-ACH-02 5/18/2010
Parameters	Units	(a)	(b)																	
Cadmium (dissolved)	ug/L	0.18	0.25	-	-	-	-	3.2 U	4 U	-	-	-	-	-	-	-	-	-	-	-
Calcium	ug/L			41700	43000	-	-	47300	51400	53500	53800	58000	49900	46600	61300	60100	60100	-	49400	58900
Calcium (dissolved)	ug/L			-	-	-	-	48700	51100	-	-	-	-	-	-	-	-	-	-	-
Chromium	ug/L	10	85	11.1 ^a	3.0	-	-	5.7 U	10 U	18 U	10 U	10 U	10.0 U	10.0 U	5.8 J	10.0 U	10.0 U	-	10.0 U	3.2 J
Chromium (dissolved)	ug/L	10	85	-	-	-	-	5.7 U	10 U	-	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	ug/L	0.11		-	-	10 U	-	40.0 U	-	-	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent) (dissolved)	ug/L	0.11		-	-	-	-	50.0 U	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	ug/L	0.6	23	24.5 ^{ab}	21.7 ^a	-	-	22.2 J ^a	21.6 J ^a	19.0 J ^a	17.8 J ^a	19.5 J ^a	17.8 J ^a	16.1 J ^a	21.5 J ^a	21.8 J ^a	21.4 J ^a	-	18.1 J ^a	20.3 J ^a
Cobalt (dissolved)	ug/L	0.6	23	-	-	-	-	22.4 J ^a	21.4 J ^a	-	-	-	-	-	-	-	-	-	-	-
Copper	ug/L	80	9	9.3 ^b	25 U	-	-	30 U	25 U	3.3 J	25 U	25 U	25.0 U	25.0 U	31.3 ^b	25.0 U	25.0 U	-	25.0 U	3.6 U
Copper (dissolved)	ug/L	80	9	-	-	-	-	30 U	25 U	-	-	-	-	-	-	-	-	-	-	-
Iron	ug/L	1400	300	41300 ^{ab}	43700 ^{ab}	-	-	54600 ^{ab}	56700 ^{ab}	67800 ^{ab}	72700 ^{ab}	75500 ^{ab}	67100 ^{ab}	63800 ^{ab}	87500 ^{ab}	85100 ^{ab}	85100 ^{ab}	-	62000 ^{ab}	74500 ^{ab}
Iron (dissolved)	ug/L	1400	300	-	-	-	-	56600 ^{ab}	56600 ^{ab}	-	-	-	-	-	-	-	-	-	-	-
Lead	ug/L	10	2.5	4.0 ^b	3 U	-	-	3.7 U	3 U	13.7 ^{ab}	3 U	3 U	3.4 J ^b	3.4 J ^b	5.0 U	5.0 U	5.0 U	-	5.0 U	7.0 ^b
Lead (dissolved)	ug/L	10	2.5	-	-	-	-	3.7 U	3 U	-	-	-	-	-	-	-	-	-	-	-
Magnesium	ug/L			27600	29100	-	-	31800	32900	35300	37500	37100	32900	31300	42000	40800	40800	-	30600	36200
Magnesium (dissolved)	ug/L			-	-	-	-	33100	33100	-	-	-	-	-	-	-	-	-	-	-
Manganese	ug/L	43	120	2120 ^{ab}	2270 ^{ab}	-	-	1980 ^{ab}	1980 ^{ab}	1900 ^{ab}	1870 ^{ab}	1990 ^{ab}	1710 ^{ab}	1620 ^{ab}	2070 ^{ab}	1980 ^{ab}	1980 ^{ab}	-	1690 ^{ab}	1990 ^{ab}
Manganese (dissolved)	ug/L	43	120	-	-	-	-	2050 ^{ab}	1990 ^{ab}	-	-	-	-	-	-	-	-	-	-	-
Mercury	ug/L	0.063	0.026	0.20 U	0.20 U	-	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.33 ^{ab}	0.20 U	0.20 U	0.20 U	0.18 U
Mercury (dissolved)	ug/L	0.063	0.026	-	-	-	-	0.20 U	0.20 U	-	-	-	-	-	-	-	-	-	-	-
Nickel	ug/L	39	52	7.3	40 U	-	-	25 U	40 U	65 U	40 U	40 U	40.0 U	40.0 U	5.5 J	40.0 U	40.0 U	-	40.0 U	5.0 J
Nickel (dissolved)	ug/L	39	52	-	-	-	-	25 U	4.6 J	-	-	-	-	-	-	-	-	-	-	-
Potassium	ug/L			2780	2610	-	-	2790 J	3150 J	3220 J	3780 J	3370 J	3620 J	3390 J	3760 J	4020 J	4110 J	-	3230 J	3600 J
Potassium (dissolved)	ug/L			-	-	-	-	2850 J	3140 J	-	-	-	-	-	-	-	-	-	-	-
Selenium	ug/L	10	1	5.1 U	5.1 U	-	-	4.4 U	5 U	5.7 U	5 U	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U	4.8 U
Selenium (dissolved)	ug/L	10	1	-	-	-	-	4.4 U	5 U	-	-	-	-	-	-	-	-	-	-	-
Silver	ug/L	9.4	3.2	15 U	15 U	-	-	12 U	10 U	8.6 U	10 U	10 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	1.6 J	0.97 U
Silver (dissolved)	ug/L	9.4	3.2	-	-	-	-	12 U	10 U	-	-	-	-	-	-	-	-	-	-	-
Sodium	ug/L			48900	51900	-	-	60000	55100	78500	101000	85400	102000	98500	101000	109000	109000	-	86700	93900
Sodium (dissolved)	ug/L			-	-	-	-	61700	56000	-	-	-	-	-	-	-	-	-	-	-
Thallium	ug/L	0.02	0.8	11 U	11 U	-	-	9.8 U	9.5 U	9.7 U	9.5 U	9.5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	-	10.0 U	4.6 U
Thallium (dissolved)	ug/L	0.02	0.8	-	-	-	-	9.8 U	9.5 U	-	-	-	-	-	-	-	-	-	-	-
Vanadium	ug/L	8.6	20	18.1 ^a	4.8	-	-	160 U	50 U	16 U	50 U	50 U	50.0 U	50.0 U	8.5 J	3.0 J	3.1 J	-	50.0 U	5.8 J
Vanadium (dissolved)	ug/L	8.6	20	-	-	-	-	160 U	50 U	-	-	-	-	-	-	-	-	-	-	-
Zinc	ug/L	600	120	18.6	9.6	-	-	30 U	30 U	30 U	30 U	30 U	30.0 U	30.0 U	8.9 J	30.0 U	30.0 U	-	30.0 U	10.5 J
Zinc (dissolved)	ug/L	600	120	-	-	-	-	30 U	12.5 J	-	-	-	-	-	-	-	-	-	-	-

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Operable Unit:		OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2
Sample Location:		MW-8	MW-8	MW-8R	MW-8R	MW-8R	MW-8R	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9
Sample ID:		WG-17338-110617-SG-044	WG-17338-062618-AM-003	GW-11222397-011123-ZB-07	GW-11222397-111523-ZB-09	GW-11222397-103024-ES-07	GW-11222397-111225-TF-08	MW9-060205EAP003	MW9A060205EAP004	WG-17338-111405-RR-016	GW17338082106003	GW-17338-121206-MJW-05	GW-17338-121206-MJW-06	GW-17338-08040803	GW-17338-11200803	GW-17338-11200804	GW-017338-022309-001	GW-017338-050809-ACH-001	GW-017338-081709-ACH-01	GW-017338-111209-ACH-02
Sample Date:		11/6/2017	6/26/2018	1/11/2023	11/15/2023	10/30/2024	11/12/2025	6/2/2005	6/2/2005 (Duplicate)	11/14/2005	8/21/2006	12/12/2006	12/12/2006 (Duplicate)	8/4/2008	11/20/2008	11/20/2008 (Duplicate)	2/23/2009	5/8/2009	8/17/2009	11/12/2009
Parameters		Units																		
Volatile Organic Compounds																				
1,1,1-Trichloroethane	ug/L	1.0 U	1.0 U	0.24 U	0.24 U	0.24 U	0.24 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	1.0 U	1.0 U	0.37 U	0.37 U	0.37 U	0.085 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	1.0 U	1.0 U	0.20 U	0.20 U	0.20 U	0.19 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	1.0 U	1.0 U	0.26 U	0.26 U	0.26 U	0.26 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	1.0 U	1.0 U	0.26 U	0.26 U	0.26 U	0.26 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	1.0 U	1.0 U	0.37 U	0.37 U	0.37 U	0.37 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	-	-	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	ug/L	1.0 U	1.0 U	0.37 U	0.37 U	0.37 U	0.37 U	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	1.0 U	1.0 U	0.38 UJ	0.38 U	0.38 U	0.38 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	-	-	1.0 U	1.0 U	1.0 U	1.0 UJ
1,2-Dibromoethane (Ethylene dibromide)	ug/L	1.0 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	-	-	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	1.0 U	1.0 U	0.21 U	0.21 U	0.21 U	0.21 U	5.0 U	0.2 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	-	-	0.2 J	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	1.0 U	1.0 U	0.43 U	0.43 U	0.43 U	0.087 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	1.0 U	1.0 U	0.35 U	0.35 U	0.35 U	0.074 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	1.0 U	1.0 U	0.34 U	0.34 U	0.34 U	0.34 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	-	-	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	1.0 U	1.0 U	0.33 U	0.33 U	0.33 U	0.33 U	5.0 U	0.5 J ^a	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	-	-	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dioxane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	5.0 U	5.0 U	1.9 U	1.9 U	1.9 U	3.9 U	R	R	R	5.0 U	R	R	5.0 U	5.0 U	5.0 U	10 U	10 U	R	10 UJ
2-Hexanone	ug/L	5.0 U	5.0 U	1.1 U	1.1 U	1.1 U	1.1 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ug/L	5.0 U	5.0 U	1.3 U	1.3 U	1.3 U	1.3 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	10 U	10 U	10 U
Acetone	ug/L	5.0 U	5.0 U	4.4 U	4.4 U	4.4 U	4.4 U	5.0 U	5.0 U	5.0 U	R	R	R	R	5.0 U	5.0 U	10 U	10 UJ	R	R
Benzene	ug/L	1.0 U	1.0 U	0.20 U	0.20 U	0.20 U	0.070 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	1.0 U	1.0 U	0.34 U	0.34 U	0.34 U	0.15 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	1.0 U	1.0 U	0.54 U	0.54 U	0.54 U	0.54 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	1.0 U	1.0 U	0.55 U	0.55 U	0.55 U	0.55 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U
Carbon disulfide	ug/L	1.0 U	1.0 U	0.82 U	0.82 UJ	0.82 U	0.82 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	1.0 U	1.0 U	0.21 U	0.21 U	0.21 U	0.21 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	1.0 U	1.0 U	0.38 U	0.38 U	0.38 U	0.38 U	1.3 J	0.6 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobromomethane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	ug/L	1.0 U	1.0 U	0.32 U	0.32 U	0.32 U	0.32 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
Chloroform (Trichloromethane)	ug/L	1.0 U	1.0 U	0.33 U	0.33 U	0.33 U	0.33 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	1.0 U	1.0 U	0.40 U	0.40 UJ	0.40 U	0.40 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	0.22 U	0.22 U	0.22 U	0.48 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	0.22 U	0.22 U	0.22 U	0.069 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	1.0 U	1.0 U	0.32 U	0.32 U	0.32 U	0.32 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	-	-	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	1.0 U	1.0 U	0.28 U	0.28 U	0.28 U	0.086 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	1.0 U	1.0 U	0.31 U	0.31 U	0.31 U	0.31 U													

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Operable Unit:		OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2
Sample Location:		MW-8	MW-8	MW-8R	MW-8R	MW-8R	MW-8R	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9
Sample ID:		WG-17338-110617-SG-044	WG-17338-062618-AM-003	GW-11222397-011123-ZB-07	GW-11222397-111523-ZB-09	GW-11222397-103024-ES-07	GW-11222397-111225-TF-08	MW9-060205EAP003	MW9A060205EAP004	WG-17338-111405-RR-016	GW17338082106003	GW-17338-121206-MJW-05	GW-17338-121206-MJW-06	GW-17338-080408-03	GW-17338-112008-03	GW-17338-112008-04	GW-017338-022309-001	GW-017338-050809-ACH-001	GW-017338-081709-ACH-01	GW-017338-111209-ACH-02
Sample Date:		11/6/2017	6/26/2018	1/11/2023	11/15/2023	10/30/2024	11/12/2025	6/2/2005	6/2/2005 (Duplicate)	11/14/2005	8/21/2006	12/12/2006	12/12/2006 (Duplicate)	8/4/2008	11/20/2008	11/20/2008 (Duplicate)	2/23/2009	5/8/2009	8/17/2009	11/12/2009
Parameters	Units																			
2-Chlorophenol	ug/L	10 U	10 U	-	-	-	-	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.6 U
2-Methylnaphthalene	ug/L	10 UJ	10 U	-	-	-	-	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.6 U
2-Methylphenol	ug/L	10 U	10 U	-	-	-	-	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.6 U
2-Nitroaniline	ug/L	10 U	10 U	-	-	-	-	20 U	20 U	22 U	21 U	22 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	11 U
2-Nitrophenol	ug/L	10 U	10 U	-	-	-	-	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.6 U
3,3'-Dichlorobenzidine	ug/L	10 U	10 U	-	-	-	-	20 U	20 U	22 U	21 U	22 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	11 U
3-Nitroaniline	ug/L	10 U	10 U	-	-	-	-	20 U	20 U	22 U	21 U	22 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	11 U
4,6-Dinitro-2-methylphenol	ug/L	20 U	20 U	-	-	-	-	41 U	40 U	43 U	32 UJ	32 U	31 U	30 U	30 U	30 U	30 U	30 U	31 U	17 U
4-Bromophenyl phenyl ether	ug/L	10 U	10 U	-	-	-	-	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.6 U
4-Chloro-3-methylphenol	ug/L	10 U	10 U	-	-	-	-	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.6 U
4-Chloroaniline	ug/L	10 U	10 U	-	-	-	-	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.6 U
4-Chlorophenyl phenyl ether	ug/L	10 U	10 U	-	-	-	-	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.6 U
4-Methylphenol	ug/L	10 U	10 U	-	-	-	-	10 U	10 U	11 U	10 U	11 U	10 U	10 U	-	-	10 U	10 U	10 U	5.6 U
4-Nitroaniline	ug/L	10 U	10 U	-	-	-	-	20 U	20 U	22 U	21 U	22 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	11 U
4-Nitrophenol	ug/L	20 U	20 U	-	-	-	-	41 U	40 U	43 U	32 U	32 U	31 U	30 U	30 U	30 U	30 U	30 U	31 U	17 U
Acenaphthene	ug/L	10 U	10 U	-	-	-	-	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.6 U
Acenaphthylene	ug/L	10 U	10 U	-	-	-	-	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.6 U
Acetophenone	ug/L	10 U	10 U	-	-	-	-	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.6 U
Anthracene	ug/L	10 UJ	10 U	-	-	-	-	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.6 U
Atrazine	ug/L	2.0 U	2.0 U	-	-	-	-	10 UJ	10 UJ	11 UJ	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.6 U
Benzaldehyde	ug/L	10 U	10 U	-	-	-	-	10 UJ	10 UJ	11 UJ	10 UJ	11 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 U	5.6 UJ
Benzo(a)anthracene	ug/L	1.0 U	1.0 U	-	-	-	-	1.0 U	1.0 U	1.1 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.56 U
Benzo(a)pyrene	ug/L	1.0 U	1.0 U	-	-	-	-	1.0 U	1.0 U	1.1 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.56 U
Benzo(b)fluoranthene	ug/L	1.0 U	2.0 U	-	-	-	-	1.0 U	1.0 U	1.1 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.56 U
Benzo(g,h,i)perylene	ug/L	10 U	10 U	-	-	-	-	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.6 U
Benzo(k)fluoranthene	ug/L	1.0 U	1.0 U	-	-	-	-	1.0 U	1.0 U	1.1 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.56 U
Biphenyl (1,1-Biphenyl)	ug/L	10 U	10 U	-	-	-	-	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.6 U
bis(2-Chloroethoxy)methane	ug/L	10 U	10 U	-	-	-	-	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.6 U
bis(2-Chloroethyl)ether	ug/L	1.0 U	1.0 U	-	-	-	-	1.0 U	1.0 U	1.1 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.56 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	2.0 U	2.0 U	-	-	-	-	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	5.6 U
Butyl benzylphthalate (BBP)	ug/L	10 U	10 U	-	-	-	-	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.6 U
Caprolactam	ug/L	10 U	10 U	-	-	-	-	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	0.3 J	10 U	10 U	10 U	5.6 UJ
Carbazole	ug/L	10 U	10 U	-	-	-	-	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.6 U
Chrysene	ug/L	2.0 U	2.0 U	-	-	-	-	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.6 U
Dibenz(a,h)anthracene	ug/L	1.0 U	1.0 U	-	-	-	-	1.0 U	1.0 U	1.1 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.56 UJ
Dibenzofuran	ug/L	10 UJ	10 U	-	-	-	-	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.6 U
Diethyl phthalate	ug/L	10 U	10 U	-	-	-	-	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.6 U
Dimethyl phthalate	ug/L	10 U	10 U	-	-	-	-	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.6 U
Di-n-butylphthalate (DBP)	ug/L	10 U	10 U	-	-	-	-	10 U	10 U	11 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.6 U
Di-n-octyl phthalate (DnOP)</																				

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Operable Unit:		OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	
Sample Location:		MW-8	MW-8	MW-8R	MW-8R	MW-8R	MW-8R	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	
Sample ID:		WG-17338-110617-SG-044	WG-17338-062618-AM-003	GW-11222397-011123-ZB-07	GW-11222397-111523-ZB-09	GW-11222397-103024-ES-07	GW-11222397-111225-TF-08	MW9-060205EAP003	MW9A060205EAP004	WG-17338-111405-RR-016	GW17338082106003	GW-17338-121206-MJW-05	GW-17338-121206-MJW-06	GW-17338-080408-03	GW-17338-112008-03	GW-17338-112008-04	GW-017338-022309-001	GW-017338-050809-ACH-001	GW-017338-081709-ACH-01	GW-017338-111209-ACH-02
Sample Date:		11/6/2017	6/26/2018	1/11/2023	11/15/2023	10/30/2024	11/12/2025	6/2/2005	6/2/2005 (Duplicate)	11/14/2005	8/21/2006	12/12/2006	12/12/2006 (Duplicate)	8/4/2008	11/20/2008	11/20/2008 (Duplicate)	2/23/2009	5/8/2009	8/17/2009	11/12/2009
Parameters	Units																			
Cadmium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	4 U	4 U	4 U	-	-	-	-	-	-	-
Calcium	ug/L	18400	18700	-	-	-	-	29800	28000	-	30400	30100	29700	52100	58500	58300	61200	51400	55100	53900
Calcium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	30200	32600	32000	-	-	-	-	-	-	-
Chromium	ug/L	4.0 U	1.3 J	-	-	-	-	6.1	5.1	-	10 U	10 U	10 U	3.4 J	3.3 J	3.6 J	6.9 J	10.6 ^a	10.0 U	9.8 J
Chromium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	10 U	10 U	10 U	-	-	-	-	-	-	-
Chromium VI (hexavalent)	ug/L	-	-	-	-	-	-	-	-	10 U	10.0 U	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent) (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-	-	-	-	-	-	-
Cobalt	ug/L	5.4 ^a	10.9 ^a	-	-	-	-	4.2 ^a	3.6 ^a	-	50 U	50 U	50 U	100 U	50 U	50 U	3.9 J ^a	4.8 J ^a	50.0 U	4.3 J ^a
Cobalt (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	50 U	50 U	50 U	-	-	-	-	-	-	-
Copper	ug/L	4.0 U	4.0 U	-	-	-	-	5.2	5.3	-	25 U	25 U	25 U	21 U	25 U	25 U	25.6 ^b	26.6 ^b	25.0 U	22.4 J ^b
Copper (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	25 U	25 U	25 U	-	-	-	-	-	-	-
Iron	ug/L	27000 ^{ab}	34700 ^{ab}	-	-	-	-	12200 ^{ab}	8170 ^{ab}	-	1450 ^{ab}	1250 ^b	1280 ^b	3940 ^{ab}	5030 ^{ab}	5570 ^{ab}	14300 ^{ab}	22900 ^{ab}	4220 ^{ab}	23100 ^{ab}
Iron (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	150 U	150 U	150 U	-	-	-	-	-	-	-
Lead	ug/L	1.2 U	0.74 J	-	-	-	-	3 U	3 U	-	3.2 U	3 U	3 U	2.4 U	3 U	3 U	3 U	4.5 J ^b	5.0 U	5.0 U
Lead (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	3 U	3 U	3 U	-	-	-	-	-	-	-
Magnesium	ug/L	14700	18500	-	-	-	-	12400	11600	-	13100	13400	13100	26000	28200	28200	30100	25600	27500	26500
Magnesium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	13100	14400	14300	-	-	-	-	-	-	-
Manganese	ug/L	524 ^{ab}	598 ^{ab}	-	-	-	-	276 ^{ab}	236 ^{ab}	-	222 ^{ab}	238 ^{ab}	227 ^{ab}	682 ^{ab}	627 ^{ab}	619 ^{ab}	607 ^{ab}	531 ^{ab}	536 ^{ab}	386 ^{ab}
Manganese (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	211 ^{ab}	258 ^{ab}	285 ^{ab}	-	-	-	-	-	-	-
Mercury	ug/L	0.20 U	0.20 U	-	-	-	-	0.20 U	0.20 U	-	0.20 U	0.20 U	0.20 U	0.28 ^{ab}	0.29 ^{ab}	0.28 ^{ab}	0.38 ^{ab}	0.40 ^{ab}	0.44 ^{ab}	0.36 ^{ab}
Mercury (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	0.20 U	0.20 U	0.20 U	-	-	-	-	-	-	-
Nickel	ug/L	4.0 U	1.6 J	-	-	-	-	4.8	40 U	-	40 U	3.2 J	3.7 J	65 U	4.6 J	4.3 J	6.2 J	6.9 J	40.0 U	5.7 J
Nickel (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	40 U	2.6 J	40 U	-	-	-	-	-	-	-
Potassium	ug/L	2600	2180	-	-	-	-	4100	3860	-	4450 J	5380	5180	8580	9190	9150	9270	8570	8400	8960
Potassium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	4510 J	5600	5580	-	-	-	-	-	-	-
Selenium	ug/L	10.0 U	10.0 U	-	-	-	-	5.1 U	5.1 U	-	5 U	5 U	5 U	5.7 U	5 U	5 U	5 U	10.0 U	10.0 U	10.0 U
Selenium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	5 U	5 U	5 U	-	-	-	-	-	-	-
Silver	ug/L	2.0 U	2.0 U	-	-	-	-	15 U	15 U	-	10 U	10 U	10 U	8.6 U	10 U	10 U	10 U	1.7 J	10.0 U	1.1 J
Silver (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	10 U	10 U	10 U	-	-	-	-	-	-	-
Sodium	ug/L	46800	49300	-	-	-	-	46200	43600	-	52100	42100	40900	117000	153000	152000	140000	133000	145000	146000
Sodium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	52500	44600	44900	-	-	-	-	-	-	-
Thallium	ug/L	0.80 U	0.80 U	-	-	-	-	11 U	11 U	-	10 U	9.5 U	9.5 U	9.7 U	9.5 U	9.5 U	9.5 U	10.0 U	10.0 U	10.0 U
Thallium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	10 U	9.5 U	9.5 U	-	-	-	-	-	-	-
Vanadium	ug/L	4.0 U	1.2 J	-	-	-	-	5.5	3.9	-	50 U	50 U	50 U	1.7 J	50 U	50 U	50 U	50.0 U	50.0 U	10.1 J ^a
Vanadium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	50 U	50 U	50 U	-	-	-	-	-	-	-
Zinc	ug/L	16.0 U	16.0 U	-	-	-	-	13.6	11.6	-	30 U	30 U	30 U	8.2 J	30 U	30 U	16.7 J	19.1 J	8.0 J	19.4 J
Zinc (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	30 U	30 U	30 U	-	-	-	-	-	-	-

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Operable Unit:		OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2
Sample Location:		MW-9	MW-9	MW-9	MW-9	MW-9	MW-9R	MW-9R	MW-9R	MW-9R	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19
Sample ID:		GW-017338-030110-ACH-001	GW-017338-051810-ACH-03	GW-017338-051810-ACH-04	WG-17338-110417-SG-024	WG-17338-062618-AM-004	GW-11222397-011123-ZB-10	GW-11222397-111523-ZB-12	GW-11222397-103024-CT-02	GW-11222397-111225-TF-10	GW1733809070609	GW-17338-121206-MJW-03	GW-17338-080508-16	GW-17338-112008-05	GW-017338-022309-002	GW-017338-050809-ACH-002	GW-017338-081709-ACH-02	GW-017338-111209-ACH-05	GW-017338-030110-ACH-004
Sample Date:		3/1/2010	5/18/2010	5/18/2010 (Duplicate)	11/4/2017	6/26/2018	1/11/2023	11/15/2023	10/30/2024	11/12/2025	9/7/2006	12/12/2006	8/5/2008	11/20/2008	2/23/2009	5/8/2009	8/17/2009	11/12/2009	3/1/2010
Sample Date:		5/18/2010	5/18/2010	5/18/2010 (Duplicate)	11/4/2017	6/26/2018	1/11/2023	11/15/2023	10/30/2024	11/12/2025	9/7/2006	12/12/2006	8/5/2008	11/20/2008	2/23/2009	5/8/2009	8/17/2009	11/12/2009	5/18/2010
Parameters		Units																	
Volatile Organic Compounds																			
1,1,1-Trichloroethane	ug/L	1.0 U	0.25 U	0.25 U	1.0 U	1.0 U	0.24 U	0.24 U	0.24 U	0.24 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.25 U
1,1,2,2-Tetrachloroethane	ug/L	1.0 U	0.090 U	0.090 U	1.0 U	1.0 U	0.37 U	0.37 U	0.37 U	0.085 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.090 U
1,1,2-Trichloroethane	ug/L	1.0 U	0.10 U	0.10 U	1.0 U	1.0 U	0.20 U	0.20 U	0.20 U	0.19 U	3.0 U	3.0 U	3.0 U	3.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.10 U
1,1-Dichloroethane	ug/L	1.0 U	0.10 U	0.10 U	1.0 U	1.0 U	0.26 U	0.26 U	0.26 U	0.26 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.10 U
1,1-Dichloroethene	ug/L	1.0 U	0.14 U	0.14 U	1.0 U	1.0 U	0.26 U	0.26 U	0.26 U	0.26 U	2.0 U	2.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.14 U
1,2,4-Trichlorobenzene	ug/L	1.0 U	0.44 U	0.44 U	1.0 U	1.0 U	0.37 U	0.37 U	0.37 U	0.37 U	5.0 U	0.7 J ^a	5.0 U	-	1.0 U	1.0 U	1.0 U	1.0 U	0.44 U
1,2,4-Trimethylbenzene	ug/L	-	-	-	1.0 U	1.0 U	0.37 U	0.37 U	0.37 U	0.37 U	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	1.0 U	0.15 U	0.15 U	1.0 U	1.0 U	0.38 UJ	0.38 U	0.38 U	0.38 U	5.0 U	5.0 U	5.0 U	-	1.0 U	1.0 U	1.0 U	1.0 U	0.15 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	1.0 U	0.090 U	0.090 U	1.0 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	5.0 U	5.0 U	5.0 U	-	1.0 U	1.0 U	1.0 U	1.0 U	0.090 U
1,2-Dichlorobenzene	ug/L	1.0 U	0.16 U	0.16 U	1.0 U	1.0 U	0.21 U	0.21 U	0.21 U	0.21 U	5.1 ^b	4.8 J ^b	5.0 U	-	0.2 J	1.0 U	1.0 U	1.0 U	0.16 U
1,2-Dichloroethane	ug/L	1.0 U	0.24 U	0.24 U	1.0 U	1.0 U	0.43 U	0.43 U	0.43 U	0.087 U	2.0 U	2.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.24 U
1,2-Dichloropropane	ug/L	1.0 U	0.090 U	0.090 U	1.0 U	1.0 U	0.35 U	0.35 U	0.35 U	0.074 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.090 U
1,3,5-Trimethylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	1.0 U	0.22 U	0.22 U	1.0 U	1.0 U	0.34 U	0.34 U	0.34 U	0.34 U	0.6 J	1.0 J	5.0 U	-	1.0 U	1.0 U	1.0 U	1.0 U	0.22 U
1,4-Dichlorobenzene	ug/L	1.0 U	0.15 U	0.15 U	1.0 U	1.0 U	0.33 U	0.33 U	0.33 U	0.33 U	9.3 ^a	4.1 J ^a	0.4 J	-	1.0 U	1.0 U	1.0 U	1.0 U	0.15 U
1,4-Dioxane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	10 U	0.82 U	0.82 U	5.0 U	5.0 U	1.9 U	1.9 U	1.9 U	3.9 U	R	R	5.0 U	5.0 U	10 U	10 U	R	10 UJ	0.82 U
2-Hexanone	ug/L	10 U	0.55 U	0.55 U	5.0 U	5.0 U	1.1 U	1.1 U	1.1 U	1.1 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	10 U	10 U	10 U	0.55 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	R	0.68 U	0.68 U	5.0 U	5.0 U	1.3 U	1.3 U	1.3 U	1.3 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	10 U	10 U	10 U	0.68 U
Acetone	ug/L	R	2.5 U	2.5 U	7.1 U	5.0 U	4.4 U	4.4 U	4.4 U	4.4 U	R	R	R	5.0 U	10 U	10 UJ	R	R	2.5 U
Benzene	ug/L	1.0 U	0.13 U	0.13 U	1.0 U	1.0 U	0.20 U	0.20 U	0.20 U	0.070 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.13 U
Bromodichloromethane	ug/L	1.0 U	0.093 U	0.093 U	1.0 U	1.0 U	0.34 U	0.34 U	0.34 U	0.15 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.093 U
Bromoform	ug/L	1.0 U	0.10 U	0.10 U	1.0 U	1.0 U	0.54 U	0.54 U	0.54 U	0.54 U	4.0 U	4.0 U	4.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.10 U
Bromomethane (Methyl bromide)	ug/L	1.0 U	0.31 U	0.31 U	1.0 U	1.0 U	0.55 U	0.55 U	0.55 U	0.55 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	0.31 U
Carbon disulfide	ug/L	1.0 U	0.15 U	0.15 U	1.0 U	1.0 U	0.82 U	0.82 UJ	0.82 U	0.82 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	0.29 J	1.0 U	0.15 U
Carbon tetrachloride	ug/L	1.0 U	0.19 U	0.19 U	1.0 U	1.0 U	0.21 U	0.21 U	0.21 U	0.21 U	2.0 U	2.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.19 U
Chlorobenzene	ug/L	1.0 U	0.16 U	0.16 U	1.0 U	1.0 U	0.38 U	0.38 U	0.38 U	0.38 U	9.1 ^{ab}	1.0 J	0.8 J	5.0 U	0.3 J	1.0 U	1.0 U	0.18 J	0.16 U
Chlorobromomethane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	ug/L	1.0 U	0.45 U	0.45 U	1.0 U	1.0 U	0.32 U	0.32 U	0.32 U	0.32 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.45 U
Chloroform (Trichloromethane)	ug/L	1.0 U	0.15 U	0.15 U	1.0 U	1.0 U	0.33 U	0.33 U	0.33 U	0.33 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.15 U
Chloromethane (Methyl chloride)	ug/L	1.0 U	0.21 U	0.21 U	1.0 U	1.0 U	0.40 U	0.40 UJ	0.40 U	0.40 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.21 U
cis-1,2-Dichloroethene	ug/L	1.0 U	0.20 U	0.20 U	1.0 U	1.0 U	0.22 U	0.22 U	0.22 U	0.48 U	5.0 U	5.0 U	5.0 U	5.0 U	0.3 J	1.0 U	0.54 J	0.41 J	0.24 J
cis-1,3-Dichloropropene	ug/L	1.0 U	0.11 U	0.11 U	1.0 U	1.0 U	0.22 U	0.22 U	0.22 U	0.069 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.11 U
Cyclohexane	ug/L	1.0 U	0.13 U	0.13 U	1.0 U	1.0 U	0.32 U	0.32 U	0.32 U	0.32 U	5.0 U	5.0 U	5.0 U	-	1.0 U	1.0 U	1.0 U	1.0 U	0.13 U
Dibromochloromethane	ug/L	1.0 U	0.11 U	0.11 U	1.0 U	1.0 U	0.28 U	0.28 U	0.28 U	0.086 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.11 U
Dichlorodifluoromethane (CFC-12)	ug/L	1.0 U	0.29 U	0.29 U	1.0 U	1.0 U	0.31 U	0.31 U	0.31 U	0.									

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Sample Location:		MW-9	MW-9	MW-9	MW-9	MW-9	MW-9R	MW-9R	MW-9R	MW-9R	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19
Sample ID:		GW-017338-030110-ACH-001	GW-017338-051810-ACH-03	GW-017338-051810-ACH-04	WG-17338-110417-SG-024	WG-17338-062618-AM-004	GW-11222397-011123-ZB-10	GW-11222397-111523-ZB-12	GW-11222397-103024-CT-02	GW-11222397-111225-TF-10	GW1733809070609	GW-17338-121206-MJW-03	GW-17338-080508-16	GW-17338-112008-05	GW-017338-022309-002	GW-017338-050809-ACH-002	GW-017338-081709-ACH-02	GW-017338-111209-ACH-05	GW-017338-030110-ACH-004
Sample Date:		3/1/2010	5/18/2010	5/18/2010 (Duplicate)	11/4/2017	6/26/2018	1/11/2023	11/15/2023	10/30/2024	11/12/2025	9/7/2006	12/12/2006	8/5/2008	11/20/2008	2/23/2009	5/8/2009	8/17/2009	11/12/2009	3/1/2010
Sample Date:		5/18/2010																	
Parameters		Units																	
2-Chlorophenol	ug/L	2.7 U	-	-	10 U	10 U	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	5.1 U	2.7 U
2-Methylnaphthalene	ug/L	3.2 U	3.2 U	3.2 U	10 U	10 U	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	5.1 U	3.2 U
2-Methylphenol	ug/L	1.7 U	-	-	10 U	10 U	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	5.1 U	1.7 U
2-Nitroaniline	ug/L	5.8 U	5.9 U	5.9 U	10 U	10 U	-	-	-	-	21 U	21 U	20 U	20 U	20 U	20 U	21 U	10 U	5.8 U
2-Nitrophenol	ug/L	3.5 U	-	-	10 U	10 U	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	5.1 U	3.5 U
3,3'-Dichlorobenzidine	ug/L	7.1 U	7.3 U	7.3 U	10 U	10 U	-	-	-	-	21 U	21 U	20 U	20 U	20 U	20 U	21 U	10 U	7.1 U
3-Nitroaniline	ug/L	4.4 U	4.5 U	4.5 U	10 U	10 U	-	-	-	-	21 U	21 U	20 U	20 U	20 U	20 U	21 U	10 U	4.4 U
4,6-Dinitro-2-methylphenol	ug/L	5.3 U	-	-	20 U	20 U	-	-	-	-	31 U	32 U	31 U	30 U	30 U	30 U	32 U	15 U	5.3 U
4-Bromophenyl phenyl ether	ug/L	4.0 U	4.1 U	4.1 U	10 U	10 U	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	5.1 U	4.0 U
4-Chloro-3-methylphenol	ug/L	2.0 U	-	-	10 U	10 U	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	5.1 U	2.0 U
4-Chloroaniline	ug/L	2.1 U	2.2 UJ	2.2 UJ	10 U	10 U	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	5.1 U	2.1 U
4-Chlorophenyl phenyl ether	ug/L	4.0 U	4.1 U	4.1 U	10 U	10 U	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	5.1 U	4.0 U
4-Methylphenol	ug/L	1.6 U	-	-	10 U	10 U	-	-	-	-	10 U	10 U	10 U	-	10 U	10 U	11 U	5.1 U	1.6 U
4-Nitroaniline	ug/L	4.1 U	4.1 U	4.1 U	10 U	10 U	-	-	-	-	21 U	21 U	20 U	20 U	20 U	20 U	21 U	10 U	4.1 U
4-Nitrophenol	ug/L	2.4 U	-	-	20 U	20 U	-	-	-	-	31 U	32 U	31 U	30 U	30 U	30 U	32 U	15 U	2.4 U
Acenaphthene	ug/L	3.8 U	3.9 U	3.9 U	10 U	10 U	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	5.1 U	3.8 U
Acenaphthylene	ug/L	4.1 U	4.2 U	4.2 U	10 U	10 U	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	5.1 U	4.1 U
Acetophenone	ug/L	4.4 U	4.5 U	4.5 U	10 U	10 U	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	5.1 U	4.4 U
Anthracene	ug/L	3.6 U	3.7 U	3.7 U	10 U	10 U	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	5.1 U	3.6 U
Atrazine	ug/L	4.9 U	5.0 U	5.0 U	2.0 U	2.0 U	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	5.1 U	4.9 U
Benzaldehyde	ug/L	1.4 UJ	1.4 UJ	1.4 UJ	10 U	10 U	-	-	-	-	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 U	11 U	5.1 UJ	1.4 UJ
Benzo(a)anthracene	ug/L	0.020 U	0.021 U	0.021 U	1.0 U	1.0 U	-	-	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	0.51 U	0.020 U
Benzo(a)pyrene	ug/L	0.031 U	0.031 U	0.031 U	1.0 U	1.0 U	-	-	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	0.51 U	0.031 U
Benzo(b)fluoranthene	ug/L	0.041 U	0.042 U	0.042 U	1.0 U	2.0 U	-	-	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	0.51 U	0.041 U
Benzo(g,h,i)perylene	ug/L	2.8 U	2.8 U	2.8 U	10 U	10 UJ	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	5.1 U	2.8 U
Benzo(k)fluoranthene	ug/L	0.31 U	0.31 U	0.31 U	1.0 U	1.0 U	-	-	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	0.51 U	0.31 U
Biphenyl (1,1-Biphenyl)	ug/L	5.5 U	5.6 U	5.6 U	10 U	10 U	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	5.1 U	5.5 U
bis(2-Chloroethoxy)methane	ug/L	3.5 U	3.6 U	3.6 U	10 U	10 U	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	5.1 U	3.5 U
bis(2-Chloroethyl)ether	ug/L	0.42 U	0.43 U	0.43 U	1.0 U	1.0 U	-	-	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	0.51 U	0.42 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	2.4 U	2.5 U	2.5 U	2.0 U	2.0 U	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 UJ	11 U	5.1 U	2.4 U
Butyl benzylphthalate (BBP)	ug/L	2.8 U	2.9 U	2.9 U	10 U	10 U	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	5.1 U	2.8 U
Caprolactam	ug/L	0.51 U	R	R	10 U	10 U	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	5.1 U	0.51 U
Carbazole	ug/L	3.1 U	3.2 U	3.2 U	10 U	10 U	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	5.1 U	3.1 U
Chrysene	ug/L	3.8 U	3.9 U	3.9 U	2.0 U	2.0 U	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	5.1 U	3.8 U
Dibenz(a,h)anthracene	ug/L	0.16 U	0.17 U	0.17 U	1.0 U	1.0 UJ	-	-	-	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	0.51 UJ	0.16 U
Dibenzofuran	ug/L	3.7 U	3.7 U	3.7 U	10 U	10 U	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	5.1 U	3.7 U
Diethyl phthalate	ug/L	3.9 U	4.0 U	4.0 U	10 U	10 U	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	5.1 U	3.9 U
Dimethyl phthalate	ug/L	3.3 U	3.4 U	3.4 U	10 U	10 U	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	5.1 U	3.3 U
Di-n-butylphthalate (DBP)	ug/L	2.8 U	2.9 U	2.9 U	10 U	10 U	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	5.1 U	2.8 U
Di-n-octyl phthalate (DnOP)	ug/L	1.9 U	2.0 U	2.0 U	10 U	10 U	-	-	-	-	10 U	10 U	10 U	10 U	10 U	10 U	11 U	5.1 U	1.9 U
Fluoranthene																			

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Operable Unit: Sample Location: Sample ID: Sample Date:		OU-2 MW-9 GW-017338-030110-ACH-001 3/1/2010	OU-2 MW-9 GW-017338-051810-ACH-03 5/18/2010	OU-2 MW-9 GW-017338-051810-ACH-04 5/18/2010 (Duplicate)	OU-2 MW-9 WG-17338-110417-SG-024 11/4/2017	OU-2 MW-9 WG-17338-062618-AM-004 6/26/2018	OU-2 MW-9R GW-11222397-011123-ZB-10 1/11/2023	OU-2 MW-9R GW-11222397-111523-ZB-12 11/15/2023	OU-2 MW-9R GW-11222397-103024-CT-02 10/30/2024	OU-2 MW-9R GW-11222397-111225-TF-10 11/12/2025	OU-2 MW-19 GW1733809070609 9/7/2006	OU-2 MW-19 GW-17338-121206-MJW-03 12/12/2006	OU-2 MW-19 GW-17338-080508-16 8/5/2008	OU-2 MW-19 GW-17338-112008-05 11/20/2008	OU-2 MW-19 GW-017338-022309-002 2/23/2009	OU-2 MW-19 GW-017338-050809-ACH-002 5/8/2009	OU-2 MW-19 GW-017338-081709-ACH-02 8/17/2009	OU-2 MW-19 GW-017338-111209-ACH-05 11/12/2009	OU-2 MW-19 GW-017338-030110-ACH-004 3/1/2010	OU-2 MW-19 GW-017338-051810-ACH-05 5/18/2010
Parameters	Units	-	-	-	-	-	-	-	-	-	4 U	4 U	-	-	-	-	-	-	-	-
Cadmium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	28200	44300	42900	40900	81800	44700	32100	40500	43400	41700
Calcium	ug/L	54700	48400	48300	11800	11900	-	-	-	-	30200	44600	-	-	-	-	-	-	-	-
Calcium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	ug/L	11.3 ^a	8.3 J	11.4 ^a	5.3	4.0	-	-	-	-	16.4 ^a	25.4 ^a	8.8 J	1.7 J	10.3 ^a	10.0 U	14.5 ^a	10.0 U	10.0 U	5.2 J
Chromium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	10 U	10 U	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	ug/L	-	-	-	-	-	-	-	-	-	20.0 U	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent) (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-	-	-	-	-	-	-
Cobalt	ug/L	5.9 J ^a	3.9 J ^a	5.7 J ^a	4.0 U	4.0 U	-	-	-	-	50 U	50 U	4.7 J ^a	2.3 J ^a	5.3 J ^a	50.0 U	3.1 J ^a	50.0 U	50.0 U	3.1 J ^a
Cobalt (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	50 U	50 U	-	-	-	-	-	-	-	-
Copper	ug/L	19.8 J ^b	17.1 J ^b	18.0 J ^b	4.0 U	4.0 U	-	-	-	-	9.8 J ^b	17.5 J ^b	6.9 J	25 U	28.7 ^b	25.0 U	31.2 ^b	25.0 U	25.0 U	13.3 J ^b
Copper (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	25 U	25 U	-	-	-	-	-	-	-	-
Iron	ug/L	25100 ^{ab}	19000 ^{ab}	26600 ^{ab}	704 ^b	1540 ^{ab}	-	-	-	-	8570 ^{ab}	12500 ^{ab}	11000 ^{ab}	6850 ^{ab}	12700 ^{ab}	5680 ^{ab}	8460 ^{ab}	5240 ^{ab}	6530 ^{ab}	8700 ^{ab}
Iron (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	864 ^b	3020 ^{ab}	-	-	-	-	-	-	-	-
Lead	ug/L	8.1 U	7.6 ^b	9.5 ^b	1.2 U	0.84 J	-	-	-	-	8.6 ^b	11.2 ^{ab}	5.4 ^b	3.5 J ^b	2.9 J ^b	3.3 J ^b	7.7 ^b	5.0 U	5.0 U	6.3 ^b
Lead (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	3 U	3 U	-	-	-	-	-	-	-	-
Magnesium	ug/L	27400	22700	22700	7780	9700	-	-	-	-	7620	12300	12100	11800	22700	12100	8880	11500	13700	12400
Magnesium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	7780	11600	-	-	-	-	-	-	-	-
Manganese	ug/L	435 ^{ab}	296 ^{ab}	278 ^{ab}	117 ^a	93.8 ^a	-	-	-	-	260 ^{ab}	461 ^{ab}	545 ^{ab}	496 ^{ab}	776 ^{ab}	420 ^{ab}	264 ^{ab}	390 ^{ab}	487 ^{ab}	454 ^{ab}
Manganese (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	250 ^{ab}	422 ^{ab}	-	-	-	-	-	-	-	-
Mercury	ug/L	0.40 ^{ab}	0.65 ^{ab}	0.72 ^{ab}	0.20 U	0.20 U	-	-	-	-	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.18 U
Mercury (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	0.20 U	0.20 U	-	-	-	-	-	-	-	-
Nickel	ug/L	7.1 J	5.5 J	7.3 J	5.6 U	1.7 J	-	-	-	-	9.4 J	12.4 J	4.7 J	40 U	6.7 J	40.0 U	7.8 J	40.0 U	40.0 U	3.5 J
Nickel (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	40 U	40 U	-	-	-	-	-	-	-	-
Potassium	ug/L	8520	7620	7610	2850	2420	-	-	-	-	4530 J	6020	6640	4950 J	8040	6310	4830 J	4640 J	4510 J	4470 J
Potassium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	4400 J	5140	-	-	-	-	-	-	-	-
Selenium	ug/L	10.0 U	4.8 U	4.8 U	10.0 U	10.0 U	-	-	-	-	5 U	5 U	5.7 U	5 U	5 U	10.0 U	10.0 U	10.0 U	10.0 U	4.8 U
Selenium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	5 U	5 U	-	-	-	-	-	-	-	-
Silver	ug/L	1.9 J	1.5 J	1.1 J	2.0 U	2.0 U	-	-	-	-	10 U	10 U	2.3 J	10 U	4.5 J ^b	1.2 J	1.1 J	1.3 J	10.0 U	0.97 U
Silver (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	10 U	10 U	-	-	-	-	-	-	-	-
Sodium	ug/L	148000	126000	124000	26300	36000	-	-	-	-	47100	59100	107000	80600	272000	193000	66600	73800	108000	73800
Sodium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	51200	56800	-	-	-	-	-	-	-	-
Thallium	ug/L	10.0 U	4.6 U	4.6 U	0.80 U	0.80 U	-	-	-	-	10 U	9.5 U	9.7 U	9.5 U	9.5 U	10.0 U	10.0 U	10.0 U	10.0 U	4.6 U
Thallium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	10 U	9.5 U	-	-	-	-	-	-	-	-
Vanadium	ug/L	11.8 J ^a	8.4 J	12.4 J ^a	4.0 U	4.0 U	-	-	-	-	29.8 J ^{ab}	39.6 J ^{ab}	15.3 J ^a	50 U	13.0 J ^a	50.0 U	26.5 J ^{ab}	4.9 J	2.4 J	8.4 J
Vanadium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	50 U	50 U	-	-	-	-	-	-	-	-
Zinc	ug/L	23.2 J	15.4 J	25.8 J	16.0 U	16.0 U	-	-	-	-	30 U	80.4	17.1 J	30 U	24.8 J	6.8 J	30.3	30.0 U	6.2 J	10.0 J
Zinc (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	30 U	30 U	-	-	-	-	-	-	-	-

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Operable Unit:	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4
Sample Location:	MW-19	MW-19	MW-19	MW-19R	MW-19R	MW-19R	MW-19R	MW-19R	MW-19R	MW-19R	MW-19R	MW-19R	DA-MW40	DA-MW40	DA-MW40	DA-MW40	DA-MW40	DA-MW40	DA-MW41
Sample ID:	WG-17338-110517-SG-032	WG-17338-062618-AM-001	WG-17338-062618-AM-002	GW-11222397-011123-MA-08	GW-11222397-011123-MA-09	GW-11222397-111523-ZB-10	GW-11222397-111523-ZB-11	GW-11222397-103024-ES-04	GW-11222397-103024-ES-05	GW-11222397-111225-TF-12	GW-11222397-111225-TF-14	DA-MW-40-W001	DA-MW40-W002	DA-MW40-W003	DA-MW40-W004	GW-11222397-111523-CT-06	GW-11222397-103124-ES-10	GW-11222397-111125-ES-004	DA-MW-41-W001
Sample Date:	11/5/2017	6/26/2018	6/26/2018 (Duplicate)	1/11/2023	1/11/2023 (Duplicate)	11/15/2023	11/15/2023 (Duplicate)	10/30/2024	10/30/2024 (Duplicate)	11/12/2025	11/12/2025 (Duplicate)	10/22/2012	6/28/2013	9/18/2013	10/14/2015	11/15/2023	10/31/2024	11/11/2025	10/22/2012
Parameters	Units																		
Volatile Organic Compounds																			
1,1,1-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	1.0 U	1.0 U	1.0 U	1.0 U	0.24 U	0.24 U	0.48 U
1,1,2,2-Tetrachloroethane	ug/L	1.0 U	1.0 U	1.0 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.085 U	0.085 U	1.0 U	1.0 U	1.0 U	1.0 U	0.37 U	0.37 U	0.17 U
1,1,2-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 U	0.19 U	1.0 U	1.0 U	1.0 U	1.0 U	0.20 U	0.20 U	0.38 U
1,1-Dichloroethane	ug/L	1.0 U	1.0 U	1.0 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	1.0 U	1.0 U	1.0 U	1.0 U	0.26 U	0.26 U	0.53 U
1,1-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	1.0 U	1.0 U	1.0 U	1.0 U	0.26 U	0.26 U	0.53 U
1,2,4-Trichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	1.0 U	1.0 U	1.0 U	1.0 U	0.37 U	0.37 U	0.73 U
1,2,4-Trimethylbenzene	ug/L	1.0 U	1.0 U	1.0 U	7.1 ^a	7.4 ^a	5.7 ^a	5.4	2.6	2.7	5.1	5.1	480 ^a	1.0 U	1.0 U	430 ^a	300 ^a	370 ^a	350 ^a
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	1.0 U	1.0 U	1.0 U	0.38 UJ	0.38 UJ	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	1.0 U	1.0 U	1.0 U	1.0 U	0.38 U	0.38 U	0.75 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	1.0 U	1.0 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	0.50 U	1.0 U
1,2-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	1.0 U	1.0 U	1.0 U	1.0 U	0.21 U	0.21 U	0.42 U
1,2-Dichloroethane	ug/L	1.0 U	1.0 U	1.0 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.087 U	0.087 U	1.0 U	1.0 U	1.0 U	1.0 U	0.43 U	0.43 U	0.17 U
1,2-Dichloropropane	ug/L	1.0 U	1.0 U	1.0 U	0.35 J	0.38 J	0.35 U	0.35 U	0.35 U	0.35 U	0.074 U	0.074 U	1.0 U	1.0 U	1.0 U	1.0 U	0.35 U	0.35 U	0.15 U
1,3,5-Trimethylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	1.0 U	1.0 U	1.0 U	1.0 U	0.34 U	0.34 U	0.68 U
1,4-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	1.0 U	1.0 U	1.0 U	1.0 U	0.33 U	0.33 U	0.67 U
1,4-Dioxane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	5.0 U	5.0 U	5.0 U	15	14	5.0	5.9	3.5 J	1.9 U	3.9 U	4.2 J	5.0 U	5.0 U	5.0 U	5.0 U	13	1.9 U	7.8 U
2-Hexanone	ug/L	5.0 U	5.0 U	5.0 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	5.0 U	5.0 U	5.0 U	5.0 U	1.1 U	1.1 U	2.3 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	5.0 U	5.0 U	5.0 U	3.7 J	3.8 J	1.3 J	1.5 J	1.3 U	1.3 U	1.3 U	1.3 U	1.9 J	5.0 U	5.0 U	5.0 U	3.7 J	1.3 U	2.6 U
Acetone	ug/L	5.0 U	5.0 U	11 U	70	74	29	28	17	15	29	32	5.0 U	5.0 U	5.0 U	5.0 U	4.4 U	4.4 U	39
Benzene	ug/L	1.0 U	1.0 U	1.0 U	0.26 J	0.35 J	0.20 U	0.20 U	0.20 U	0.20 U	0.070 U	0.070 U	1.0 U	1.0 U	1.0 U	1.0 U	0.20 U	0.20 U	0.14 U
Bromodichloromethane	ug/L	1.0 U	1.0 U	1.0 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.15 U	0.15 U	1.0 U	1.0 U	1.0 U	1.0 U	0.34 U	0.34 U	0.30 U
Bromoform	ug/L	1.0 U	1.0 U	1.0 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	1.0 U	1.0 U	1.0 U	1.0 U	0.54 U	0.54 U	1.1 U
Bromomethane (Methyl bromide)	ug/L	1.0 U	1.0 U	1.0 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	1.0 U	1.0 U	1.0 U	1.0 U	0.55 U	0.55 U	1.1 U
Carbon disulfide	ug/L	1.0 U	1.0 U	1.0 U	14 ^b	17 ^b	19 J ^b	19 ^b	7.3 ^b	7.1 ^b	39 ^b	39 ^b	1.0 U	1.0 U	1.0 U	1.0 U	0.82 UJ	0.82 U	1.6 U
Carbon tetrachloride	ug/L	1.0 U	1.0 U	1.0 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	1.0 U	1.0 U	1.0 U	1.0 U	0.21 U	0.21 U	0.42 U
Chlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	1.0 U	1.0 U	1.0 U	1.0 U	0.38 U	0.38 U	0.75 U
Chlorobromomethane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	ug/L	1.0 U	1.0 U	1.0 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	1.0 U	1.0 U	1.0 U	1.0 U	0.32 U	0.32 U	0.64 U
Chloroform (Trichloromethane)	ug/L	1.0 U	1.0 U	1.0 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	1.0 U	2.7 ^{ab}	1.6 ^a	1.0 U	0.33 U	0.33 U	0.65 U
Chloromethane (Methyl chloride)	ug/L	1.0 U	1.0 U	1.0 U	0.40 U	0.40 U	0.40 UJ	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	1.0 U	1.0 U	1.0 U	1.0 U	0.40 U	0.40 U	0.80 U
cis-1,2-Dichloroethene	ug/L	0.49 J	1.0 U	1.0 U	1.1	1.1	1.4	1.3	1.7	1.9	0.48 U	0.48 U	1.0 U	1.0 U	1.0 U	1.0 U	0.22 U	0.22 U	0.96 U
cis-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.069 U	0.069 U	1.0 U	1.0 U	1.0 U	1.0 U	0.22 U	0.22 U	0.14 U
Cyclohexane	ug/L	1.0 U	1.0 U	1.0 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	200	1.0 U	1.0 U	300	190	190	180
Dibromochloromethane	ug/L	1.0 U	1.0 U	1.0 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.086 U	0.086 U	1.0 U	1.0 U	1.0 U	1.0 U	0.28 U	0.28 U	0.17 U
Dichlorodifluoromethane (CFC-12)	ug/L	1.0 U	1.0 U	1.0 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U</							

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Operable Unit:		OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-2	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4
Sample Location:		MW-19	MW-19	MW-19	MW-19R	MW-19R	MW-19R	MW-19R	MW-19R	MW-19R	MW-19R	MW-19R	DA-MW40	DA-MW40	DA-MW40	DA-MW40	DA-MW40	DA-MW40	DA-MW40	DA-MW41
Sample ID:		WG-17338-110517-SG-032	WG-17338-062618-AM-001	WG-17338-062618-AM-002	GW-11222397-011123-MA-08	GW-11222397-011123-MA-09	GW-11222397-111523-ZB-10	GW-11222397-111523-ZB-11	GW-11222397-103024-ES-04	GW-11222397-103024-ES-05	GW-11222397-111225-TF-12	GW-11222397-111225-TF-14	DA-MW-40-W001	DA-MW40-W002	DA-MW40-W003	DA-MW40-W004	GW-11222397-111523-CT-06	GW-11222397-103124-ES-10	GW-11222397-111125-ES-004	DA-MW-41-W001
Sample Date:		11/5/2017	6/26/2018	6/26/2018 (Duplicate)	1/11/2023	1/11/2023 (Duplicate)	11/15/2023	11/15/2023 (Duplicate)	10/30/2024	10/30/2024 (Duplicate)	11/12/2025	11/12/2025 (Duplicate)	10/22/2012	6/28/2013	9/18/2013	10/14/2015	11/15/2023	10/31/2024	11/11/2025	10/22/2012
Parameters	Units																			
2-Chlorophenol	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	0.38 U	0.38 U	0.95 U	10 U
2-Methylnaphthalene	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	18 ^{ab}	10 U	10 U	10 U	16 ^{ab}	8.0 J ^{ab}	11 ^{ab}	11 ^{ab}
2-Methylphenol	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	0.67 U	0.67 U	0.67 U	10 U
2-Nitroaniline	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	21 U	20 U	20 U	10 U	0.47 U	0.47 U	1.2 U	21 U
2-Nitrophenol	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	0.75 U	0.75 U	0.75 U	10 U
3,3'-Dichlorobenzidine	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	21 U	20 U	20 U	10 U	1.4 U	1.4 U	1.4 U	21 U
3-Nitroaniline	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	21 U	20 U	20 U	10 U	1.9 U	1.9 U	1.9 U	21 U
4,6-Dinitro-2-methylphenol	ug/L	20 U	20 U	20 U	-	-	-	-	-	-	-	-	31 U	31 U	31 U	20 U	3.0 U	3.0 U	8.6 U	31 U
4-Bromophenyl phenyl ether	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	0.75 U	0.75 U	0.75 U	10 U
4-Chloro-3-methylphenol	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	0.58 U	0.58 U	1.3 U	10 U
4-Chloroaniline	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	-	-	-	10 U
4-Chlorophenyl phenyl ether	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	1.3 U	1.3 U	1.3 U	10 U
4-Methylphenol	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	0.65 U	0.65 U	0.65 U	2.7 J
4-Nitroaniline	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	21 U	20 U	20 U	10 U	1.2 U	1.2 U	1.2 U	21 U
4-Nitrophenol	ug/L	20 U	20 U	20 U	-	-	-	-	-	-	-	-	31 U	31 U	31 U	20 U	4.0 U	4.0 U	4.0 U	31 U
Acenaphthene	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	1.1 U	1.1 U	1.1 U	10 U
Acenaphthylene	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	0.82 U	0.82 U	0.82 U	10 U
Acetophenone	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	2.3 U	7.7 J	9.9 J	10 U
Anthracene	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	1.3 U	1.3 U	1.3 U	10 U
Atrazine	ug/L	2.0 U	2.0 U	2.0 U	-	-	-	-	-	-	-	-	10 U*	10 U	10 U	2.0 U	1.3 U	1.3 U	1.3 U	10 U*
Benzaldehyde	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	10 U*	10 U*	10 UJ	10 U	2.1 UJ	2.1 U	2.1 U	10 U*
Benzo(a)anthracene	ug/L	1.0 U	1.0 U	1.0 U	-	-	-	-	-	-	-	-	1.0 U	1.0 U	1.0 U	1.0 U	0.59 U	0.59 U	0.59 U	1.0 U
Benzo(a)pyrene	ug/L	1.0 U	1.0 U	1.0 U	-	-	-	-	-	-	-	-	1.0 U	1.0 U	1.0 U	1.0 U	0.41 UJ	0.41 U	0.41 U	1.0 U
Benzo(b)fluoranthene	ug/L	1.0 U	2.0 U	2.0 U	-	-	-	-	-	-	-	-	1.0 U	1.0 U	1.0 U	1.0 U	0.68 U	0.68 U	0.68 U	1.0 U
Benzo(g,h,i)perylene	ug/L	10 U	10 UJ	10 UJ	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	0.70 U	0.70 U	0.70 U	10 U
Benzo(k)fluoranthene	ug/L	1.0 U	1.0 U	1.0 U	-	-	-	-	-	-	-	-	1.0 U	1.0 U	1.0 U	1.0 U	0.67 U	0.67 U	0.67 U	1.0 U
Biphenyl (1,1-Biphenyl)	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	1.2 U	1.2 U	1.2 U	10 U
bis(2-Chloroethoxy)methane	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	0.59 U	0.59 U	0.59 U	10 U
bis(2-Chloroethyl)ether	ug/L	1.0 U	1.0 U	1.0 U	-	-	-	-	-	-	-	-	1.0 U	1.0 U	1.0 U	1.0 U	0.63 U	0.63 U	0.63 U	1.0 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	2.0 U	2.0 U	2.0 U	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	7.8 B [†]	0.80 UJ	0.80 U	0.80 U
Butyl benzylphthalate (BBP)	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	0.85 U	0.85 U	0.85 U	10 U
Caprolactam	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	2.2 U	2.2 U	2.2 U	10 U
Carbazole	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	0.68 U	0.68 U	0.68 U	10 U
Chrysene	ug/L	2.0 U	2.0 U	2.0 U	-	-	-	-	-	-	-	-	10 U	10 U	10 U	2.0 U	0.91 U	0.91 U	0.91 U	10 U
Dibenz(a,h)anthracene	ug/L	1.0 U	1.0 UJ	1.0 UJ	-	-	-	-	-	-	-	-	1.0 U	1.0 U	1.0 U	1.0 U	0.72 U	0.72 U	0.72 U	1.0 U
Dibenzofuran	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	1.1 U	1.1 U	1.1 U	10 U
Diethyl phthalate	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U	140	10 U	0.98 U	0.98 U	0.98 U	10 U
Dimethyl phthalate	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	0.77 U	0.77 U	0.77 U	10 U
Di-n-butylphthalate (DBP)	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	0.84 U	0.84 U	0.84 U	10 U
Di-n-octyl phthalate (DnOP)	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	0.75 U	0.75 U	4.0 U	10 U
Fluoranthene	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	0.84 U	0.84 U	0.84 U	10 U
Fluorene	ug/L	10 U	10 U	10 U	-	-	-	-	-	-	-	-	10 U	10 U	10 U	10 U	0.91 U	0.91 U	0.91 U	10 U
Hexachlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	-	-	-	-	-	-	-	-	1.0 U	1.0 U	1.0 U	1.0 U	0.40 U	0.40 U	0.40 U	1.0 U
Hexachlorobutadiene	ug/L	1.0 U	1.0 U	1.0 U	-	-	-	-	-	-	-	-	2.1 U	2.0 U	2.0 U	1.0 U	0.78 U	0.78 U	0.78 U	2.1 U
Hexachlorocyclopentadiene	ug/L	10 U	10 U	10 U	-	-	-</													

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Sample Location:		MW-19	MW-19	MW-19	MW-19R	MW-19R	MW-19R	MW-19R	MW-19R	MW-19R	MW-19R	MW-19R	DA-MW40	DA-MW40	DA-MW40	DA-MW40	DA-MW40	DA-MW40	DA-MW41
Sample ID:		WG-17338-110517-SG-032	WG-17338-062618-AM-001	WG-17338-062618-AM-002	GW-11222397-011123-MA-08	GW-11222397-011123-MA-09	GW-11222397-111523-ZB-10	GW-11222397-111523-ZB-11	GW-11222397-103024-ES-04	GW-11222397-103024-ES-05	GW-11222397-111225-TF-12	GW-11222397-111225-TF-14	DA-MW-40-W001	DA-MW40-W002	DA-MW40-W003	DA-MW40-W004	GW-11222397-111523-CT-06	GW-11222397-103124-ES-10	GW-11222397-111125-ES-004
Sample Date:		11/5/2017	6/26/2018	6/26/2018 (Duplicate)	1/11/2023	1/11/2023 (Duplicate)	11/15/2023	11/15/2023 (Duplicate)	10/30/2024	10/30/2024 (Duplicate)	11/12/2025	11/12/2025 (Duplicate)	10/22/2012	6/28/2013	9/18/2013	10/14/2015	11/15/2023	10/31/2024	11/11/2025
Parameters	Units																		
Cadmium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	ug/L	33600	29400	31100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	ug/L	4.0 U	1.7 J	1.4 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent) (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	ug/L	4.0 U	4.0 U	4.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	ug/L	4.0 U	4.0 U	4.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	ug/L	1250 ^b	2140 ^{ab}	2170 ^{ab}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	ug/L	1.2 U	1.3	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	ug/L	9070	7740	8080	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	ug/L	208 ^{ab}	206 ^{ab}	214 ^{ab}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	ug/L	0.20 U	0.20 U	0.20 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	ug/L	5.6 U	1.4 J	1.6 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	ug/L	4170	4080	4280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	ug/L	10.0 U	10.0 U	10.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	ug/L	2.0 U	2.0 U	2.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	ug/L	27500	34100	38100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	ug/L	0.80 U	0.80 U	0.80 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	ug/L	4.0 U	3.0 J	2.9 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	ug/L	16.0 U	16.0 U	16.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Historical Groundwater Analytical Results
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Former GM Wilmington Assembly Plant
Wilmington, Delaware

Operable Unit:		OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	
Sample Location:		DA-MW41	DA-MW41	DA-MW41	DA-MW41	DA-MW41	DA-MW41	DA-MW41	DA-MW41	DA-MW41	MW-36D	MW-36D	MW-36D	MW-36D	MW-36D	MW-36D	MW-36S	MW-36S	MW-36S	
Sample ID:		DA-MW-41-W101	DA-MW-41-W301	DA-MW41-W002	DA-MW41-W003	DA-MW41-W004	GW-11222397-110124-CT-07	GW-11222397-110124-ES-20	GW-11222397-111225-ES-05	GW-11222397-111223-TF-15	WG-17338-102312-MW36D-MM-266	DA-MW36D-W001	DA-MW36D-W002	WG-17338-110417-DT-025	GW-11222397-011023-ZB-02	GW-11222397-111423-ZB-05	WG-17338-102212-MW36S-MM-265	DA-MW36S-W001	DA-MW36S-W101	DA-MW36S-W002
Sample Date:		10/22/2012	10/22/2012	6/28/2013	9/18/2013	10/14/2015	11/15/2023	11/1/2024	11/12/2025	11/12/2025 (Duplicate)	10/23/2012	9/18/2013	10/14/2015	11/4/2017	1/10/2023	11/14/2023	10/22/2012	9/18/2013	9/18/2013 (Duplicate)	10/14/2015
Parameters	Units																			
Volatile Organic Compounds																				
1,1,1-Trichloroethane	ug/L	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.24 U	0.48 U	1.2 U	-	1.0 U	5.0 U	2.0 U	1.0 U	0.24 U	0.24 U	1.0 U	5.0 U	5.0 U	2.0 U
1,1,2,2-Tetrachloroethane	ug/L	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.37 U	0.73 U	0.43 U	-	1.0 U	5.0 U	2.0 U	1.0 U	0.37 U	0.37 UJ	1.0 U	5.0 U	5.0 U	2.0 U
1,1,2-Trichloroethane	ug/L	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.20 U	0.41 U	0.95 U	-	1.0 U	5.0 U	2.0 U	1.0 U	0.20 U	0.20 U	1.0 U	5.0 U	5.0 U	2.0 U
1,1-Dichloroethane	ug/L	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.26 U	0.53 U	1.3 U	-	1.0 U	5.0 U	2.0 U	1.0 U	0.26 U	0.26 U	1.0 U	5.0 U	5.0 U	2.0 U
1,1-Dichloroethene	ug/L	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.26 U	0.53 U	1.3 U	-	1.0 U	5.0 U	2.0 U	1.0 U	0.26 U	0.26 U	1.0 U	5.0 U	5.0 U	2.0 U
1,2,4-Trichlorobenzene	ug/L	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.37 U	0.73 U	1.8 U	-	1.0 U	5.0 U	2.0 U	1.0 U	0.37 U	0.37 U	1.0 U	5.0 U	5.0 U	2.0 U
1,2,4-Trimethylbenzene	ug/L	40 ^a	1.0 U	1.0 U	1.0 U	50 ^a	83 ^a	280 ^a	410 ^a	-	13 ^a	5.7 ^a	290 ^a	1.0 U	65 ^a	69 ^a	550 D ^a	300 ^a	280 ^a	2.3
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.38 U	0.75 U	1.9 U	-	1.0 U	5.0 U	2.0 U	1.0 U	0.38 UJ	0.38 U	1.0 U	5.0 U	5.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	1.0 U	2.5 U	-	1.0 U	5.0 U	2.0 U	1.0 U	0.50 U	0.50 U	1.0 U	1.6 J ^a	1.8 J ^a	2.0 U
1,2-Dichlorobenzene	ug/L	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.21 U	0.42 U	1.1 U	-	1.0 U	5.0 U	2.0 U	1.0 U	0.21 U	0.21 U	1.0 U	5.0 U	5.0 U	2.0 U
1,2-Dichloroethane	ug/L	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.43 U	0.86 U	0.44 U	-	31 ^a	29 ^a	9.5 ^a	15 ^a	0.43 U	0.43 U	3.8 ^a	10 ^a	11 ^a	15 ^a
1,2-Dichloropropane	ug/L	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.35 U	0.71 U	0.37 U	-	1.0 U	5.0 U	2.0 U	1.0 U	0.35 U	0.35 U	1.0 U	5.0 U	5.0 U	2.0 U
1,3,5-Trimethylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.34 U	0.68 U	1.7 U	-	1.0 U	5.0 U	2.0 U	1.0 U	0.34 U	0.34 U	1.0 U	5.0 U	5.0 U	2.0 U
1,4-Dichlorobenzene	ug/L	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.33 U	0.67 U	1.7 U	-	1.0 U	5.0 U	2.0 U	1.0 U	0.33 U	0.33 U	1.0 U	5.0 U	5.0 U	2.0 U
1,4-Dioxane	ug/L	-	-	-	-	-	-	56 U ^a	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	10 U	5.0 U	5.0 U	5.0 U	5.0 U	21	3.7 U	19 U	-	5.0 U	25 U	12	5.0 U	1.9 U	26	17	44	79	10 U
2-Hexanone	ug/L	10 U	5.0 U	5.0 U	5.0 U	5.0 U	1.1 U	2.3 U	5.7 U	-	5.0 U	25 U	5.0 J ^a	5.0 U	1.1 U	1.1 U	6.7 ^a	19 J ^a	25 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ug/L	10 U	5.0 U	5.0 U	5.0 U	5.0 U	1.3 U	2.6 U	6.5 U	5.0 U	1.8 J	25 U	5.8 J	5.0 U	1.3 U	1.3 U	16	25 U	25 U	10 U
Acetone	ug/L	10 U	5.0 U	5.0 U	5.0 U	5.0 U	36	16	22 U	-	R	25 U	20	5.0 U	9.7	50	R	25 U	25 U	10 U
Benzene	ug/L	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.20 U	0.41 U	11 ^a	-	830 ^{ab}	850 ^{ab}	720 ^{ab}	220 ^a	37 ^a	20 ^a	500 ^{ab}	800 ^{ab}	860 ^{ab}	500 ^{ab}
Bromodichloromethane	ug/L	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.34 U	0.69 U ⁺⁺	0.76 U	-	1.0 U	5.0 U	2.0 U	1.0 U	0.34 U	0.34 U	1.0 U	5.0 U	5.0 U	2.0 U
Bromoform	ug/L	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.54 U	1.1 U ⁺⁺	2.7 U	-	1.0 U	5.0 U	2.0 U	1.0 U	0.54 U	0.54 U	1.0 U	5.0 U	5.0 U	2.0 U
Bromomethane (Methyl bromide)	ug/L	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.55 U	1.1 U	2.8 U	-	1.0 U	5.0 U	2.0 U	1.0 UJ	0.55 U	0.55 U	1.0 U	5.0 U	5.0 U	2.0 U
Carbon disulfide	ug/L	2.0 U	1.0 U	0.19 J	1.0 U	1.0 U	0.82 UJ	1.6 U	4.1 U	-	1.0 U	5.0 U	2.0 U	1.0 U	0.82 U	0.82 UJ	0.28 J	5.0 U	5.0 U	2.0 U
Carbon tetrachloride	ug/L	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.21 U	0.42 U ⁺⁺	1.0 U	-	1.0 U	5.0 U	2.0 U	1.0 U	0.21 U	0.21 U	1.0 U	5.0 U	5.0 U	2.0 U
Chlorobenzene	ug/L	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.38 U	0.75 U	1.9 U	-	1.0 U	5.0 U	2.0 U	1.0 U	0.38 U	0.38 U	1.0 U	5.0 U	5.0 U	2.0 U
Chlorobromomethane	ug/L	-	-	-	-	-	-	0.82 U	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	ug/L	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.32 U	0.64 U	1.6 U	-	1.0 U	5.0 U	2.0 U	1.0 U	0.32 U	0.32 U	1.0 U	5.0 U	5.0 U	2.0 U
Chloroform (Trichloromethane)	ug/L	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.33 U	0.65 U	1.6 U	-	2.0 ^{ab}	1.4 J ^a	2.0 U	1.0 U	0.33 U	0.33 U	10 ^{ab}	7.2 ^{ab}	7.9 ^{ab}	2.0 U
Chloromethane (Methyl chloride)	ug/L	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.40 UJ	0.80 U	2.0 U	-	1.0 U	5.0 U	2.0 U	1.0 U	7.9	0.40 U	1.0 U	5.0 U	5.0 U	2.0 U
cis-1,2-Dichloroethene	ug/L	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.22 U	0.44 U	2.4 U	-	1.0 U	5.0 U	2.0 U	0.38 J	0.22 U	0.22 U	1.0 U	5.0 U	5.0 U	2.0 U
cis-1,3-Dichloropropene	ug/L	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.22 U	0.44 U	0.35 U	-	1.0 U	5.0 U	2.0 U	1.0 U	0.22 U	0.22 U	1.0 U	5.0 U	5.0 U	2.0 U
Cyclohexane	ug/L	140	1.0 U	6.6	1.0 U	93	110	160	250	-	86	120	200	22	100	170	280	280	250	39
Dibromochloromethane	ug/L	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.28 U	0.56 U ⁺⁺	0.43 U	-	1.0 U	5.0 U	2.0 U	1.0 U	0.28 U	0.28 U	1.0 U	5.0 U	5.0 U	2.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.31 U	0.62 U												

Operable Unit:		OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4
Sample Location:		DA-MW41	DA-MW41	DA-MW41	DA-MW41	DA-MW41	DA-MW41	DA-MW41	DA-MW41	MW-36D	MW-36D	MW-36D	MW-36D	MW-36D	MW-36D	MW-36S	MW-36S	MW-36S	MW-36S	
Sample ID:		DA-MW-41-W101	DA-MW-41-W301	DA-MW41-W002	DA-MW41-W003	DA-MW41-W004	GW-11222397-111523-CT-07	GW-11222397-110124-ES-20	GW-11222397-111225-ES-05	GW-11222397-111225-TF-15	WG-17338-102312-MW36D-MM-266	DA-MW36D-W001	DA-MW36D-W002	WG-17338-110417-DT-025	GW-11222397-0111023-ZB-02	GW-11222397-111423-ZB-05	WG-17338-102212-MW36S-MM-265	DA-MW36S-W001	DA-MW36S-W101	DA-MW36S-W002
Sample Date:		10/22/2012	10/22/2012	6/28/2013	9/18/2013	10/14/2015	11/15/2023	11/1/2024	11/12/2025	11/12/2025 (Duplicate)	10/23/2012	9/18/2013	10/14/2015	11/4/2017	1/10/2023	11/14/2023	10/22/2012	9/18/2013	9/18/2013 (Duplicate)	10/14/2015
Parameters	Units																			
2-Chlorophenol	ug/L	11 U	-	10 U	10 U	10 U	0.38 U	0.38 U	0.95 U	0.95 U	10 U	10 U	10 U	10 U	0.38 U	0.38 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	ug/L	7.6 J ^{ab}	-	10 U	10 U	4.1 J ^a	5.5 J ^{ab}	6.5 J ^{ab}	24 ^{ab}	19 ^{ab}	10 U	3.6 J	150 ^{ab}	10 U	7.3 J ^{ab}	13 ^{ab}	130 ^{ab}	180 ^{ab}	170 ^{ab}	10 U
2-Methylphenol	ug/L	11 U	-	10 U	10 U	10 U	0.67 U	0.67 U	0.67 U	0.67 U	10 U	10 U	10 U	10 U	0.67 U	0.67 U	10 U	10 U	10 U	10 U
2-Nitroaniline	ug/L	21 U	-	20 U	20 U	10 U	0.47 U	0.47 U	1.2 U	1.2 U	21 U	20 U	10 U	10 U	0.47 U	0.47 U	21 U	20 U	20 U	10 U
2-Nitrophenol	ug/L	11 U	-	10 U	10 U	10 U	0.75 U	0.75 U	0.75 U	0.75 U	10 U	10 U	10 U	10 U	0.75 U	0.75 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	ug/L	21 U	-	20 U	20 U	10 U	1.4 U	1.4 U	1.4 U	1.4 U	21 U	20 U	10 U	10 U	1.4 U	1.4 U	21 U	20 U	20 U	10 U
3-Nitroaniline	ug/L	21 U	-	20 U	20 U	10 U	1.9 U	1.9 U	1.9 U	1.9 U	21 U	20 U	10 U	10 U	1.9 U	1.9 U	21 U	20 U	20 U	10 U
4,6-Dinitro-2-methylphenol	ug/L	32 U	-	31 U	31 U	20 U	3.0 U	3.0 U	8.6 U	8.6 U	31 U	31 U	20 U	20 U	3.0 UJ	3.0 U	31 U	31 U	31 U	20 U
4-Bromophenyl phenyl ether	ug/L	11 U	-	10 U	10 U	10 U	0.75 U	0.75 U	0.75 U	0.75 U	10 U	10 U	10 U	10 U	0.75 U	0.75 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	ug/L	11 U	-	10 U	10 U	10 U	0.58 U	0.58 U	1.3 U	1.3 U	10 U	10 U	10 U	10 U	0.58 U	0.58 U	10 U	10 U	10 U	10 U
4-Chloroaniline	ug/L	11 U	-	10 U	10 U	10 U	-	1.9 U	-	-	10 U	10 U	10 U	10 U	1.9 U	-	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	ug/L	11 U	-	10 U	10 U	10 U	1.3 U	1.3 U	1.3 U	1.3 U	10 U	10 U	10 U	10 U	1.3 U	1.3 U	10 U	10 U	10 U	10 U
4-Methylphenol	ug/L	5.8 J	-	10 U	10 U	10 U	0.65 U	0.65 U	0.65 U	0.65 U	10 U	10 U	10 U	10 U	0.75 J	0.65 U	4.9 J	2.4 J	2.4 J	10 U
4-Nitroaniline	ug/L	21 U	-	20 U	20 U	10 U	1.2 U	1.2 U	1.2 U	1.2 U	21 U	20 U	10 U	10 U	1.2 U	1.2 U	21 U	20 U	20 U	10 U
4-Nitrophenol	ug/L	32 U	-	31 U	31 U	20 U	4.0 U	4.0 U	4.0 U	4.0 U	31 U	31 U	20 U	20 U	4.0 U	4.0 U	31 U	31 U	31 U	20 U
Acenaphthene	ug/L	11 U	-	10 U	10 U	10 U	1.1 U	1.1 U	1.1 U	1.1 U	10 U	10 U	2.4 J	10 U	1.1 U	1.1 U	10 U	10 U	10 U	

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Operable Unit:		OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	
Sample Location:		DA-MW41	DA-MW41	DA-MW41	DA-MW41	DA-MW41	DA-MW41	DA-MW41	DA-MW41	DA-MW41	MW-36D	MW-36D	MW-36D	MW-36D	MW-36D	MW-36S	MW-36S	MW-36S	MW-36S	
Sample ID:		DA-MW-41-W101	DA-MW-41-W301	DA-MW41-W002	DA-MW41-W003	DA-MW41-W004	GW-11222397-111523-CT-07	GW-11222397-110124-ES-20	GW-11222397-111225-ES-05	GW-11222397-111225-TF-15	WG-17338-102312-MW36D-MM-266	DA-MW36D-W001	DA-MW36D-W002	WG-17338-110417-DT-025	GW-11222397-011023-ZB-02	GW-11222397-111423-ZB-05	WG-17338-102212-MW36S-MM-265	DA-MW36S-W001	DA-MW36S-W101	DA-MW36S-W002
Sample Date:		10/22/2012	10/22/2012	6/28/2013	9/18/2013	10/14/2015	11/15/2023	11/1/2024	11/12/2025	11/12/2025 (Duplicate)	10/23/2012	9/18/2013	10/14/2015	11/4/2017	1/10/2023	11/14/2023	10/22/2012	9/18/2013	9/18/2013 (Duplicate)	10/14/2015
Parameters	Units																			
Cadmium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	5.0 U	-	-	-	-	-	5.0 U	-	-	-
Calcium	ug/L	-	-	-	-	-	-	-	-	-	18700	-	-	24300	-	-	24500	-	-	-
Calcium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	18500	-	-	-	-	-	23500	-	-	-
Chromium	ug/L	-	-	-	-	-	-	-	-	-	10.0 U	-	-	4.0 U	-	-	10.0 U	-	-	-
Chromium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-	-	-	10.0 U	-	-	-
Chromium VI (hexavalent)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent) (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	ug/L	-	-	-	-	-	-	-	-	-	22.1 J ^a	-	-	38.0 ^{ab}	-	-	139 ^{ab}	-	-	-
Cobalt (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	21.4 J ^a	-	-	-	-	-	124 ^{ab}	-	-	-
Copper	ug/L	-	-	-	-	-	-	-	-	-	25.0 U	-	-	4.0 U	-	-	25.0 U	-	-	-
Copper (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	25.0 U	-	-	-	-	-	25.0 U	-	-	-
Iron	ug/L	-	-	-	-	-	-	-	-	-	1590 ^{ab}	-	-	6760 ^{ab}	-	-	66200 ^{ab}	-	-	-
Iron (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	1200 ^b	-	-	-	-	-	2390 ^{ab}	-	-	-
Lead	ug/L	-	-	-	-	-	-	-	-	-	5.0 U	-	-	1.2 U	-	-	5.0 U	-	-	-
Lead (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	5.0 U	-	-	-	-	-	5.0 U	-	-	-
Magnesium	ug/L	-	-	-	-	-	-	-	-	-	6660	-	-	9590	-	-	16600	-	-	-
Magnesium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	6590	-	-	-	-	-	16000	-	-	-
Manganese	ug/L	-	-	-	-	-	-	-	-	-	2120 ^{ab}	-	-	8480 ^{ab}	-	-	29300 ^{ab}	-	-	-
Manganese (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	2080 ^{ab}	-	-	-	-	-	29100 ^{ab}	-	-	-
Mercury	ug/L	-	-	-	-	-	-	-	-	-	0.20 U	-	-	0.20 U	-	-	0.20 U	-	-	-
Mercury (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	0.20 U	-	-	-	-	-	0.20 U	-	-	-
Nickel	ug/L	-	-	-	-	-	-	-	-	-	6.0 J	-	-	5.6 U	-	-	40.0 U	-	-	-
Nickel (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	6.0 J	-	-	-	-	-	40.0 U	-	-	-
Potassium	ug/L	-	-	-	-	-	-	-	-	-	2020 J	-	-	2010	-	-	2460 J	-	-	-
Potassium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	2080 J	-	-	-	-	-	2500 J	-	-	-
Selenium	ug/L	-	-	-	-	-	-	-	-	-	10.0 U	-	-	10.0 U	-	-	10.0 U	-	-	-
Selenium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	6.5 J ^b	-	-	-	-	-	30.0 U	-	-	-
Silver	ug/L	-	-	-	-	-	-	-	-	-	10.0 U	-	-	2.0 U	-	-	7.0 J ^b	-	-	-
Silver (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-	-	-	6.6 J ^b	-	-	-
Sodium	ug/L	-	-	-	-	-	-	-	-	-	21700	-	-	22900	-	-	43900	-	-	-
Sodium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	21300	-	-	-	-	-	42400	-	-	-
Thallium	ug/L	-	-	-	-	-	-	-	-	-	10.0 U	-	-	0.80 U	-	-	27.4 J ^{ab}	-	-	-
Thallium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	10.0 U	-	-	-	-	-	30.0 U	-	-	-
Vanadium	ug/L	-	-	-	-	-	-	-	-	-	50.0 U	-	-	4.0 U	-	-	7.3 J	-	-	-
Vanadium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	50.0 U	-	-	-	-	-	50.0 U	-	-	-
Zinc	ug/L	-	-	-	-	-	-	-	-	-	9.4 J	-	-	16.0 U	-	-	30.0 U	-	-	-
Zinc (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	9.4 J	-	-	-	-	-	30.0 U	-	-	-

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Operable Unit:		OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	
Sample Location:		MW-36S	MW-36S	DA-MW36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-50	MW-50	MW-50	MW-50	DA-MW50	MW-50R	MW-50R	MW-50R	
Sample ID:		WG-17338-110417-DT-023	DA-MW36S-W003	DA-36S-W004	GW-11222397-011023-MA-03	GW-11222397-011023-MA-04	GW-11222397-111423-ES-02	GW-11222397-111423-ES-03	GW-11222397-103124-ES-08	GW-11222397-103124-ES-09	GW-11222397-111125-ES-003	DA-MW50-W001	WG-17338-110717-DT-051	WG-17338-110717-DT-054	DA-MW50-W002	DA-W50-W003	GW-11222397-011023-ZB-05	GW-11222397-111423-ZB-04	GW-11222397-103124-CT-12	GW-11222397-111125-ES-001
Sample Date:		11/4/2017	8/28/2018	12/18/2018	1/10/2023	1/10/2023 (Duplicate)	11/14/2023	11/14/2023 (Duplicate)	10/31/2024	10/31/2024 (Duplicate)	11/11/2025	10/14/2015	11/7/2017	11/7/2017 (Duplicate)	8/28/2018	12/18/2018	1/10/2023	11/14/2023	10/31/2024	11/11/2025
Parameters		Units																		
Volatile Organic Compounds																				
1,1,1-Trichloroethane	ug/L	2.0 U	1.0 U	1.0 U	0.24 U	-	0.24 U	-	0.24 U	-	0.48 U	5.0 U	5.0 U	10 U	1.0 U	2.0 U	0.24 U	1.2 U	1.2 U	0.24 U
1,1,2,2-Tetrachloroethane	ug/L	2.0 U	1.0 U	1.0 U	0.37 U	-	0.37 UJ	-	0.37 U	-	0.17 U	5.0 U	5.0 U	10 U	1.0 U	2.0 U	0.37 U	1.8 UJ	1.8 U	0.085 U
1,1,2-Trichloroethane	ug/L	2.0 U	1.0 U	1.0 U	0.20 U	-	0.20 U	-	0.20 U	-	0.38 U	5.0 U	5.0 U	10 U	1.0 U	2.0 U	0.20 U	1.0 U	1.0 U	0.19 U
1,1-Dichloroethane	ug/L	2.0 U	1.0 U	1.0 U	0.26 U	-	0.26 U	-	0.26 U	-	0.53 U	5.0 U	5.0 U	10 U	1.0 U	2.0 U	0.26 U	1.3 U	1.3 U	0.26 U
1,1-Dichloroethene	ug/L	2.0 U	1.0 U	1.0 U	0.26 U	-	0.26 U	-	0.26 U	-	0.53 U	5.0 U	5.0 U	10 U	1.0 U	2.0 U	0.26 U	1.3 U	1.3 U	0.26 U
1,2,4-Trichlorobenzene	ug/L	2.0 U	1.0 U	1.0 U	0.37 U	-	0.37 U	-	0.37 U	-	0.73 U	5.0 U	5.0 U	10 U	1.0 U	2.0 U	0.37 U	1.8 U	1.8 U	0.37 U
1,2,4-Trimethylbenzene	ug/L	270 ^a	53 ^a	11 ^a	160 ^a	-	89 ^a	-	67 ^a	-	73 ^a	65 ^a	130 ^a	140 ^a	23 ^a	35 ^a	0.37 U	36 ^a	11 ^a	4.3
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	2.0 U	1.0 U	1.0 U	0.38 UJ	-	0.38 U	-	0.38 U	-	0.75 U	5.0 U	5.0 U	10 U	1.0 U	2.0 U	0.38 UJ	1.9 U	1.9 U	0.38 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	2.0 U	1.0 U	1.0 U	0.50 U	-	0.50 U	-	0.50 U	-	1.0 U	5.0 U	5.0 U	10 U	1.0 U	2.0 U	0.50 U	2.5 U	2.5 U	0.50 U
1,2-Dichlorobenzene	ug/L	2.0 U	1.0 U	1.0 U	0.21 U	-	0.21 U	-	0.21 U	-	0.42 U	1.2 J ^b	5.0 U	10 U	1.4 ^b	1.1 J ^b	0.21 U	1.1 U	1.1 U	0.21 U
1,2-Dichloroethane	ug/L	30 ^a	1.0 U	0.73 J ^a	0.43 U	-	2.4 ^a	-	0.43 U	-	0.17 U	3.3 J ^a	24 ^a	27 ^a	1.0 U	1.2 J ^a	0.43 U	20 ^a	14 ^a	2.8 ^a
1,2-Dichloropropane	ug/L	2.0 U	1.0 U	1.0 U	0.35 U	-	0.35 U	-	0.35 U	-	0.15 U	5.0 U	5.0 U	10 U	1.0 U	2.0 U	0.35 U	1.8 U	1.8 U	0.074 U
1,3,5-Trimethylbenzene	ug/L	-	18 ^a	4.4	-	-	-	-	-	-	-	-	-	-	18 ^a	30 ^a	-	-	-	-
1,3-Dichlorobenzene	ug/L	2.0 U	1.0 U	1.0 U	0.34 U	-	0.34 U	-	0.34 U	-	0.68 U	5.0 U	5.0 U	10 U	0.78 J	2.0 U	0.34 U	1.7 U	1.7 U	0.34 U
1,4-Dichlorobenzene	ug/L	2.0 U	1.0 U	1.0 U	0.33 U	-	0.33 U	-	0.33 U	-	0.67 U	5.0 U	5.0 U	10 U	1.1 ^a	2.0 U	0.33 U	1.7 U	1.7 U	0.33 U
1,4-Dioxane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	20	14	5.9	7.9	-	22	-	1.9 U	-	7.8 U	25 U	25 U	50 U	5.0 U	10 U	1.9 U	9.3 U	15 J	5.1
2-Hexanone	ug/L	10 U	23 ^a	23 ^a	1.1 U	-	1.1 U	-	1.1 U	-	2.3 U	25 U	25 U	50 U	5.0 U	10 U	1.1 U	5.7 U	5.7 U	1.1 U
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ug/L	17	30	19	1.3 U	-	1.3 U	-	1.3 U	-	2.6 U	25 U	25 U	50 U	5.0 U	10 U	1.3 U	6.5 U	6.5 U	1.3 U
Acetone	ug/L	58	28	12 U	15	-	47	-	4.4 U	-	11	25 U	25 U	50 U	5.0 U	15 U	4.4 U	22 U	45	20
Benzene	ug/L	750 ^{ab}	52 ^a	32 ^a	140 ^a	-	96 ^a	-	130 ^a	-	77 ^a	110 ^a	450 ^{ab}	420 ^{ab}	84 ^a	79 ^a	0.20 U	970 ^{ab}	880 ^{ab}	440 ^{ab}
Bromodichloromethane	ug/L	2.0 U	1.0 U	1.0 U	0.34 U	-	0.34 U	-	0.34 U	-	0.30 U	5.0 U	5.0 U	10 U	1.0 U	2.0 U	0.34 U	1.7 U	1.7 U	0.34 U
Bromoform	ug/L	2.0 U	1.0 U	1.0 U	0.54 U	-	0.54 U	-	0.54 U	-	1.1 U	5.0 U	5.0 U	10 U	1.0 U	2.0 U	0.54 U	2.7 U	2.7 U	0.54 U
Bromomethane (Methyl bromide)	ug/L	2.0 UJ	1.0 U	1.0 UJ	0.55 U	-	0.55 U	-	0.55 U	-	1.1 U	5.0 U	5.0 UJ	10 U	1.0 U	2.0 UJ	0.55 U	2.8 U	2.8 U	0.55 U
Carbon disulfide	ug/L	2.0 U	1.0 U	1.0 U	0.82 U	-	0.82 UJ	-	0.82 U	-	1.6 U	5.0 U	5.0 U	10 U	1.0 U	2.0 U	0.82 U	4.1 UJ	4.1 U	0.82 U
Carbon tetrachloride	ug/L	2.0 U	1.0 U	1.0 U	0.21 U	-	0.21 U	-	0.21 U	-	0.42 U	5.0 U	5.0 U	10 U	1.0 U	2.0 U	0.21 U	1.0 U	1.0 U	0.21 U
Chlorobenzene	ug/L	2.0 U	1.0 U	1.0 U	0.38 U	-	0.38 U	-	0.38 U	-	0.75 U	5.0 U	5.0 U	10 U	1.0 U	2.0 U	0.38 U	1.9 U	1.9 U	0.38 U
Chlorobromomethane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	ug/L	2.0 U	1.0 U	1.0 U	0.32 U	-	0.32 U	-	0.32 U	-	0.64 U	5.0 U	5.0 U	10 U	1.0 U	2.0 U	0.32 U	1.6 U	1.6 U	0.32 U
Chloroform (Trichloromethane)	ug/L	2.0 U	1.0 U	1.0 U	0.33 U	-	0.33 U	-	0.33 U	-	0.65 U	5.0 U	5.0 U	10 U	1.0 U	2.0 U	0.33 U	1.6 U	1.6 U	0.33 U
Chloromethane (Methyl chloride)	ug/L	2.0 U	1.0 U	1.0 U	0.40 U	-	0.40 U	-	0.40 U	-	0.80 U	5.0 U	5.0 U	10 U	1.0 U	2.0 U	0.40 U	2.0 U	2.0 U	0.40 U
cis-1,2-Dichloroethene	ug/L	2.0 U	1.0 U	1.0 U	0.22 U	-	0.22 U	-	0.22 U	-	0.96 U	5.0 U	5.0 U	10 U	1.0 U	2.0 U	0.22 U	1.8 J	1.1 U	0.89 J
cis-1,3-Dichloropropene	ug/L	2.0 U	1.0 U	1.0 U	0.22 U	-	0.22 U	-	0.22 U	-	0.14 U	5.0 U	5.0 U	10 U	1.0 U	2.0 U	0.22 U	1.1 U	1.1 U	0.069 U
Cyclohexane	ug/L	250	33	10	110	-	120	-	85	-	96	270	340	330	160	120	0.32 U	250	260	59 J-
Dibromochloromethane	ug/L	2.0 U	1.0 U	1.0 U	0.28 U	-	0.28 U	-	0.28 U	-	0.17 U	5.0 U	5.0 U	10 U	1.0 U	2.0 U	0.28 U	1.4 U	1.4 U	0.086 U
Dichlorodifluoromethane (CFC-12)	ug/L	2.0 U	1.0 U	1.0 U	0.31 U	-	0.31 U	-	0.31 U	-	0.62 U	5.0 U	5.0 U	10 U	1.0 U	2.0 U	0.31 U	1.6 U	1.6 U	0.31 U
Ethylbenzene	ug/L	510 ^{ab}	70 ^a	20 ^a	340 ^{ab}	-	320 ^{ab}													

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Operable Unit:		OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4
Sample Location:		MW-36S	MW-36S	DA-MW36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-50	MW-50	MW-50	MW-50	DA-MW50	MW-50R	MW-50R	MW-50R
Sample ID:		WG-17338-110417-DT-023	DA-MW36S-W003	DA-36S-W004	GW-11222397-011023-MA-03	GW-11222397-011023-MA-04	GW-11222397-111423-ES-02	GW-11222397-111423-ES-03	GW-11222397-103124-ES-08	GW-11222397-103124-ES-09	GW-11222397-111125-ES-003	DA-MW50-W001	WG-17338-110717-DT-051	WG-17338-110717-DT-054	DA-MW50-W002	DA-W50-W003	GW-11222397-011023-ZB-05	GW-11222397-111423-ZB-04	GW-11222397-103124-CT-12
Sample Date:		11/4/2017	8/28/2018	12/18/2018	1/10/2023	1/10/2023 (Duplicate)	11/14/2023	11/14/2023 (Duplicate)	10/31/2024	10/31/2024 (Duplicate)	11/11/2025	10/14/2015	11/7/2017	11/7/2017 (Duplicate)	8/28/2018	12/18/2018	1/10/2023	11/14/2023	10/31/2024
Parameters	Units																		
2-Chlorophenol	ug/L	20 U	10 U	10 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.95 U	10 U	10 U	10 U	10 U	10 U	0.38 U	0.38 U	0.38 U
2-Methylnaphthalene	ug/L	120 ^{ab}	9.2 J ^{ab}	3.3 J	64 ^{ab}	63 ^{ab}	34 ^{ab}	36 ^{ab}	3.4 J	4.2 J ^a	21 ^{ab}	100 ^{ab}	89 J ^{ab}	100 J ^{ab}	87 ^{ab}	99 ^{ab}	0.53 U	1.1 J	2.2 J
2-Methylphenol	ug/L	18 J ^b	2.7 J	7.8 J	9.6 J	7.8 J	4.0 J	4.4 J	0.67 U	0.67 U	0.67 U	2.6 J	6.4 J	6.7 J	2.1 J	10 U	0.67 U	0.67 U	0.74 J
2-Nitroaniline	ug/L	20 U	10 U	10 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	1.2 U	10 U	10 U	10 U	10 U	10 U	0.47 U	0.47 U	0.47 U
2-Nitrophenol	ug/L	20 U	10 U	10 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	10 U	10 U	10 U	10 U	10 U	0.75 U	0.75 U	0.75 U
3,3'-Dichlorobenzidine	ug/L	20 U	10 U	10 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	10 U	10 U	10 U	10 U	10 U	1.4 U	1.4 U	1.4 U
3-Nitroaniline	ug/L	20 U	10 U	10 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	10 U	10 U	10 U	10 U	10 U	1.9 U	1.9 U	1.9 U
4,6-Dinitro-2-methylphenol	ug/L	40 U	20 U	20 U	3.0 UJ	3.0 UJ	3.0 U	3.0 U	3.0 U	3.0 U	8.6 U	20 U	20 U	20 U	20 U	20 U	3.0 UJ	3.0 U	3.0 U
4-Bromophenyl phenyl ether	ug/L	20 U	10 U	10 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	10 U	10 U	10 U	10 U	10 U	10 U	0.75 U	0.75 U	0.75 U
4-Chloro-3-methylphenol	ug/L	20 U	10 U	10 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	1.3 U	10 U	10 U	10 U	10 U	10 U	0.58 U	0.58 U	0.58 U
4-Chloroaniline	ug/L	20 U	10 U	10 U	1.9 U	1.9 U	-	-	-	-	-	10 U	10 U	10 U	10 U	10 U	1.9 U	-	-
4-Chlorophenyl phenyl ether	ug/L	20 U	10 U	10 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	10 U	10 U	10 U	10 U	10 U	1.3 U	1.3 U	1.3 U
4-Methylphenol	ug/L	10 J	38 ^a	26	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	3.9 J	5.0 J	10 U	1.7 J	1.4 J	0.65 U	0.65 J	0.65 U
4-Nitroaniline	ug/L	20 U	10 U	10 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	10 U	10 U	10 U	10 U	10 U	1.2 U	1.2 U	1.2 U
4-Nitrophenol	ug/L	40 U	20 U	20 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	20 U	20 U	20 U	20 U	20 U	4.0 U	4.0 U	4.0 U
Acenaphthene	ug/L	2.6 J	10 U	10 U	1.1 U	1.3 J	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	2.1 J	3.3 J	10 U	2.7 J	2.4 J	1.1 U	1.1 U	1.1 U
Acenaphthylene	ug/L	20 U	10 U	10 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	10 U	10 U	10 U	10 U	10 U	0.82 U	0.82 U	0.82 U
Acetophenone	ug/L	48	6.5 J	17	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	3.0 J	25	37	39	10 U	10 U	2.3 U	2.3 U	11
Anthracene	ug/L	20 U	10 U	10 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	10 U	10 UJ	10 UJ	10 U	10 U	1.3 U	1.3 U	1.3 U
Atrazine	ug/L	4.0 U	2.0 U	2.0 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.3 U	1.3 U	1.3 U
Benzaldehyde	ug/L	20 U	10 U	10 U	2.1 UJ	2.1 UJ	2.1 UJ	2.1 U	2.1 U	2.1 U	2.1 U	10 U	10 U	10 U	10 U	10 U	2.1 UJ	2.1 UJ	2.1 U
Benzo(a)anthracene	ug/L	2.0 U	1.0 U	1.0 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.59 U	0.59 U	0.59 U
Benzo(a)pyrene	ug/L	2.0 U	1.0 U	1.0 U	0.41 U	0.41 U	0.41 UJ	0.41 U	0.41 U	0.41 U	0.41 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.41 U	0.41 UJ	0.41 U
Benzo(b)fluoranthene	ug/L	2.0 U	2.0 U	2.0 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	0.68 U	0.68 U	0.68 U
Benzo(g,h,i)perylene	ug/L	20 U	10 U	10 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	10 U	10 U	10 U	10 U	10 U	0.70 U	0.70 U	0.70 U
Benzo(k)fluoranthene	ug/L	2.0 U	1.0 U	1.0 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.67 U	0.67 U	0.67 U
Biphenyl (1,1-Biphenyl)	ug/L	10 J ^a	10 U	10 U	5.0 J ^a	4.6 J ^a	2.4 J ^a	2.6 J ^a	1.2 U	1.2 U	1.2 J ^a	2.2 J ^a	2.0 J ^a	2.1 J ^a	10 U	10 U	1.2 U	1.2 U	1.2 U
bis(2-Chloroethoxy)methane	ug/L	20 U	10 U	10 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	10 U	10 U	10 U	10 U	10 U	0.59 U	0.59 U	0.59 U
bis(2-Chloroethyl)ether	ug/L	2.0 U	1.0 U	1.0 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.63 U	0.63 U	0.63 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	4.0 U	2.0 U	3.2	0.80 U	0.80 U	0.80 UJ	0.80 U	0.80 U	0.80 U	0.80 U	7.2 B ^a	2.0 U	2.0 U	2.0 U	2.0 U	0.80 U	0.80 UJ	0.80 U
Butyl benzylphthalate (BBP)	ug/L	20 U	10 U	10 U	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	10 U	10 U	10 U	10 U	10 U	0.85 U	0.85 U	0.85 U
Caprolactam	ug/L	20 U	120	10 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	10 U	10 U	10 U	10 U	10 U	2.2 U	2.2 U	2.2 UJ
Carbazole	ug/L	20 U	10 U	10 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	10 U	1.5 J	1.8 J	1.6 J	1.3 J	0.68 U	0.68 U	0.68 U
Chrysene	ug/L	4.0 U	2.0 U	2.0 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.91 U	0.91 U	0.91 U
Dibenz(a,h)anthracene	ug/L	2.0 U	1.0 U	1.0 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	1.0 U	1.0 U	1.0 U	1.0 U				

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Former GM Wilmington Assembly Plant
Wilmington, Delaware

Operable Unit:		OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4	OU-4
Sample Location:		MW-36S	MW-36S	DA-MW36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-50	MW-50	MW-50	MW-50	DA-MW50	MW-50R	MW-50R	MW-50R
Sample ID:		WG-17338-110417-DT-023	DA-MW36S-W003	DA-36S-W004	GW-11222397-011023-MA-03	GW-11222397-011023-MA-04	GW-11222397-111423-ES-02	GW-11222397-111423-ES-03	GW-11222397-103124-ES-08	GW-11222397-103124-ES-09	GW-11222397-111125-ES-003	DA-MW50-W001	WG-17338-110717-DT-051	WG-17338-110717-DT-054	DA-MW50-W002	DA-W50-W003	GW-11222397-011023-ZB-05	GW-11222397-111423-ZB-04	GW-11222397-103124-CT-12
Sample Date:		11/4/2017	8/28/2018	12/18/2018	1/10/2023	1/10/2023 (Duplicate)	11/14/2023	11/14/2023 (Duplicate)	10/31/2024	10/31/2024 (Duplicate)	11/11/2025	10/14/2015	11/7/2017	11/7/2017 (Duplicate)	8/28/2018	12/18/2018	1/10/2023	11/14/2023	10/31/2024
Parameters	Units																		
Cadmium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	ug/L	22900	-	-	-	-	-	-	-	-	-	-	50900	52000	-	-	-	-	-
Calcium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	ug/L	4.0 U	-	-	-	-	-	-	-	-	-	-	4.0 U	4.0 U	-	-	-	-	-
Chromium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent) (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	ug/L	111 ^{ab}	-	-	-	-	-	-	-	-	-	-	9.2 ^a	9.2 ^a	-	-	-	-	-
Cobalt (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	ug/L	71.3 U	-	-	-	-	-	-	-	-	-	-	4.0 U	4.0 U	-	-	-	-	-
Copper (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	ug/L	89300 ^{ab}	-	-	-	-	-	-	-	-	-	-	46700 ^{ab}	47500 ^{ab}	-	-	-	-	-
Iron (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	ug/L	0.86 J	-	-	-	-	-	-	-	-	-	-	1.1 J	1.2	-	-	-	-	-
Lead (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	ug/L	19700	-	-	-	-	-	-	-	-	-	-	14800	15200	-	-	-	-	-
Magnesium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	ug/L	32400 ^{ab}	-	-	-	-	-	-	-	-	-	-	4340 ^{ab}	4440 ^{ab}	-	-	-	-	-
Manganese (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	ug/L	0.20 U	-	-	-	-	-	-	-	-	-	-	0.20 U	0.20 U	-	-	-	-	-
Mercury (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	ug/L	5.6 U	-	-	-	-	-	-	-	-	-	-	4.0 U	4.0 U	-	-	-	-	-
Nickel (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	ug/L	1820	-	-	-	-	-	-	-	-	-	-	3210	3280	-	-	-	-	-
Potassium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	ug/L	1.2 J ^b	-	-	-	-	-	-	-	-	-	-	10.0 U	10.0 U	-	-	-	-	-
Selenium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	ug/L	2.0 U	-	-	-	-	-	-	-	-	-	-	2.0 U	2.0 U	-	-	-	-	-
Silver (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	ug/L	62600	-	-	-	-	-	-	-	-	-	-	59200	60800	-	-	-	-	-
Sodium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	ug/L	0.80 U	-	-	-	-	-	-	-	-	-	-	0.80 U	0.80 U	-	-	-	-	-
Thallium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	ug/L	4.0 U	-	-	-	-	-	-	-	-	-	-	4.0 U	4.0 U	-	-	-	-	-
Vanadium (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	ug/L	16.0 U	-	-	-	-	-	-	-	-	-	-	16.0 U	16.0 U	-	-	-	-	-
Zinc (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Wilmington, Delaware

Operable Unit:	OU-5	OU-5	OU-5	OU-5	OU-5	OU-5	OU-5	OU-5	OU-5	OU-4	OU-5	OU-5	OU-5	OU-5	OU-5	OU-5	OU-5	OU-5
Sample Location:	MW-48	MW-48	MW-48	MW-48	MW-48R	MW-48R	MW-48R	MW-48R	MW-48R	MW109	MW-109	MW-109	MW-109	MW-109	MW-109R	MW-109R	MW-109R	MW-109R
Sample ID:	WG-17338-111214-RR-001	WG-17338-110417-DT-021	GW-11210099-081820-ST-002	GW-11210099-081820-ST-003	GW-11222397-011123-MA-13	GW-11222397-011123-MA-14	GW-11222397-111623-ZB-15	GW-11222397-103124-ES-16	GW-11222397-111225-ES-07	DA-MW109-W002	WG-17338-111214-RR-006	WG-17338-110417-SG-018	WG-17338-110417-SG-020	GW-11210099-081920-ST-007	GW - 11222397-011223-MA-16	GW-11222397-111623-CT-16	GW-11222397-111623-CT-17	GW-11222397-103124-CT-18
Sample Date:	11/12/2014	11/4/2017	8/18/2020	8/18/2020 (Duplicate)	1/11/2023	1/11/2023 (Duplicate)	11/16/2023	10/30/2024	11/12/2025	9/17/2013	11/12/2014	11/4/2017	11/4/2017 (Duplicate)	8/19/2020	1/12/2023	11/16/2023	11/16/2023 (Duplicate)	10/30/2024
Parameters	Units																	
Volatile Organic Compounds																		
1,1,1-Trichloroethane	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
1,1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
1,1,2-Trichloroethane	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
1,1-Dichloroethane	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
1,1-Dichloroethene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
1,2,4-Trichlorobenzene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
1,2,4-Trimethylbenzene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
1,2-Dichlorobenzene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
1,2-Dichloroethane	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
1,2-Dichloropropane	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
1,3,5-Trimethylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
1,4-Dioxane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	5.0 U	-	-	-	-	-	-	5.0 U	-	5.0 U	5.0 U	-	-	-	-	-
2-Hexanone	ug/L	-	5.0 U	-	-	-	-	-	-	5.0 U	-	5.0 U	5.0 U	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ug/L	-	5.0 U	-	-	-	-	-	-	5.0 U	-	5.0 U	5.0 U	-	-	-	-	-
Acetone	ug/L	-	5.0 U	-	-	-	-	-	-	5.0 U	-	5.0 U	5.0 U	-	-	-	-	-
Benzene	ug/L	-	1.0 U	-	-	0.20 U	-	0.20 U	0.20 U	0.070 U	1.0 U	-	1.0 U	1.0 U	-	-	-	-
Bromodichloromethane	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Bromoform	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Bromomethane (Methyl bromide)	ug/L	-	1.0 UJ	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Carbon disulfide	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Carbon tetrachloride	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Chlorobenzene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Chlorobromomethane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Chloroform (Trichloromethane)	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
cis-1,2-Dichloroethene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
cis-1,3-Dichloropropene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Cyclohexane	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Dibromochloromethane	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Ethylbenzene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Isopropyl benzene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
m&p-Xylenes	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	ug/L	-	5.0 U	-	-	-	-	-	-	5.0 U	-	5.0 U	5.0 U	-	-	-	-	-
Methyl cyclohexane	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Methyl tert butyl ether (MTBE)	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Methylene chloride	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Tetrachloroethene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Toluene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
trans-1,2-Dichloroethene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
trans-1,3-Dichloropropene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Trichloroethene	ug/L	-	1.0 U	-	-	3.8 ^a	-	0.60 J ^a	1.5 ^a	0.83 ^a	1.0 U	-	1.0 U	1.0 U	-	-	-	-
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Trifluorotrichloroethane (CFC-113)	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Vinyl chloride	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Xylenes (total)	ug/L	-	2.0 U	-	-	-	-	-	-	3.0 U	-	2.0 U	2.0 U	-	-	-	-	-
Semi-Volatile Organic Compounds																		
1,2,4,5-Tetrachlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloropropane))	ug/L	-	10 U	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	-	10 U	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
2,4,6-Trichlorophenol	ug/L	-	10 U	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
2,4-Dichlorophenol	ug/L	-	10 U	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
2,4-Dimethylphenol	ug/L	-	10 U	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
2,4-Dinitrophenol	ug/L	-	20 U	-	-	-	-	-	-	30 U	-	20 U	20 U	-	-	-	-	-
2,4-Dinitrotoluene	ug/L	-	2.0 U	-	-	-	-	-	-	2.0 U	-	2.0 U	2.0 U	-	-	-	-	-
2,6-Dinitrotoluene	ug/L	-	2.0 U	-	-	-	-	-	-	2.0 U	-	2.0 U	2.0 U	-	-	-	-	-
2-Chloronaphthalene	ug/L	-	10 U	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-

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Wilmington, Delaware

Operable Unit:		OU-5	OU-5	OU-5	OU-5	OU-5	OU-5	OU-5	OU-5	OU-5	OU-4	OU-5	OU-5	OU-5	OU-5	OU-5	OU-5	OU-5	OU-5
Sample Location:		MW-48	MW-48	MW-48	MW-48	MW-48R	MW-48R	MW-48R	MW-48R	MW-48R	MW109	MW-109	MW-109	MW-109	MW-109	MW-109R	MW-109R	MW-109R	MW-109R
Sample ID:		WG-17338-111214-RR-001	WG-17338-110417-DT-021	GW-11210099-081820-ST-002	GW-11210099-081820-ST-003	GW-11222397-011123-MA-13	GW-11222397-011123-MA-14	GW-11222397-111623-ZB-15	GW-11222397-103124-ES-16	GW-11222397-111225-ES-07	DA-MW109-W002	WG-17338-111214-RR-006	WG-17338-110417-SG-018	WG-17338-110417-SG-020	GW-11210099-081920-ST-007	GW - 11222397-011223-MA-16	GW-11222397-111623-CT-16	GW-11222397-111623-CT-17	GW-11222397-103124-CT-18
Sample Date:		11/12/2014	11/4/2017	8/18/2020	8/18/2020 (Duplicate)	1/11/2023	1/11/2023 (Duplicate)	11/16/2023	10/30/2024	11/12/2025	9/17/2013	11/12/2014	11/4/2017	11/4/2017 (Duplicate)	8/19/2020	1/12/2023	11/16/2023	11/16/2023 (Duplicate)	10/30/2024
Parameters		Units																	
2-Chlorophenol	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
2-Methylnaphthalene	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
2-Methylphenol	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
2-Nitroaniline	ug/L	-	10 U	-	-	-	-	-	-	-	20 U	-	10 U	10 U	-	-	-	-	-
2-Nitrophenol	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
3,3'-Dichlorobenzidine	ug/L	-	10 U	-	-	-	-	-	-	-	20 U	-	10 U	10 U	-	-	-	-	-
3-Nitroaniline	ug/L	-	10 U	-	-	-	-	-	-	-	20 U	-	10 U	10 U	-	-	-	-	-
4,6-Dinitro-2-methylphenol	ug/L	-	20 U	-	-	-	-	-	-	-	30 U	-	20 U	20 U	-	-	-	-	-
4-Bromophenyl phenyl ether	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
4-Chloro-3-methylphenol	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
4-Chloroaniline	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
4-Chlorophenyl phenyl ether	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
4-Methylphenol	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
4-Nitroaniline	ug/L	-	10 U	-	-	-	-	-	-	-	20 U	-	10 U	10 U	-	-	-	-	-
4-Nitrophenol	ug/L	-	20 U	-	-	-	-	-	-	-	30 U	-	20 U	20 U	-	-	-	-	-
Acenaphthene	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
Acenaphthylene	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
Acetophenone	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
Anthracene	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
Atrazine	ug/L	-	2.0 U	-	-	-	-	-	-	-	10 U	-	2.0 U	2.0 U	-	-	-	-	-
Benzaldehyde	ug/L	-	10 U	-	-	-	-	-	-	-	10 UJ	-	10 U	10 U	-	-	-	-	-
Benzo(a)anthracene	ug/L	-	1.0 U	-	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Benzo(a)pyrene	ug/L	-	1.0 U	-	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Benzo(b)fluoranthene	ug/L	-	1.0 U	-	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Benzo(g,h,i)perylene	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
Benzo(k)fluoranthene	ug/L	-	1.0 U	-	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
bis(2-Chloroethoxy)methane	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
bis(2-Chloroethyl)ether	ug/L	-	1.0 U	-	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	-	2.0 U	-	-	-	-	-	-	-	10 U	-	2.0 U	2.0 U	-	-	-	-	-
Butyl benzylphthalate (BBP)	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
Caprolactam	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
Carbazole	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
Chrysene	ug/L	-	2.0 U	-	-	-	-	-	-	-	10 U	-	2.0 U	2.0 U	-	-	-	-	-
Dibenz(a,h)anthracene	ug/L	-	1.0 U	-	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Dibenzofuran	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
Diethyl phthalate	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
Dimethyl phthalate	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
Di-n-butylphthalate (DBP)	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
Fluoranthene	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
Fluorene	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
Hexachlorobenzene	ug/L	-	1.0 U	-	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Hexachlorobutadiene	ug/L	-	1.0 U	-	-	-	-	-	-	-	2.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Hexachlorocyclopentadiene	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
Hexachloroethane	ug/L	-	1.0 U	-	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	ug/L	-	1.0 U	-	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
Isophorone	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
Naphthalene	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
Nitrobenzene	ug/L	-	1.0 U	-	-	-	-	-	-	-	1.0 UJ	-	1.0 U	1.0 U	-	-	-	-	-
N-Nitrosodi-n-propylamine	ug/L	-	1.0 U	-	-	-	-	-	-	-	1.0 U	-	1.0 U	1.0 U	-	-	-	-	-
N-Nitrosodiphenylamine	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
Pentachlorophenol	ug/L	-	20 U	-	-	-	-	-	-	-	30 U	-	20 U	20 U	-	-	-	-	-
Phenanthrene	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
Phenol	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
Pyrene	ug/L	-	10 U	-	-	-	-	-	-	-	10 U	-	10 U	10 U	-	-	-	-	-
Metals																			
Aluminum	ug/L	-	22.6 J	100 J ^b	163 J ^b	94.4 J ^b	1290 J ^b	2550 ^{ab}	3430 ^{ab}	23.2 J	-	-	33.2 J	47.2	156 J ^b	1200 ^b	231 J ^b	2160 J ^{ab}	73.9
Aluminum (dissolved)	ug/L	290 ^b	-	-	-	-	-	-	19.9 J	19.5 UJ	-	200 U	-	-	-	-	-	-	19.5 U
Antimony	ug/L	-	2.0 U	3.7 U	3.7 U	0.76 U	0.76 U	0.92 J ^a	0.88 J ^a	0.45 J	-	-	2.0 U	2.0 U	3.7 U	1.9 J ^a	0.82 J ^a	1.0 J ^a	0.76 U
Antimony (dissolved)	ug/L	20.0 U	-	-	-	-	-	-	0.76 U	0.30 UJ	-	20.0 U	-	-	-	-	-	-	0.76 U
Arsenic	ug/L	-	2.0 U	3.3 U	3.3 U	0.89 U	0.89 U	0.89 U	0.89 U	0.89 U	-	-	2.0 U	2.0 U	3.3 U	1.6 J ^a	0.89 U	0.89 U	0.89 U
Arsenic (dissolved)	ug/L	15.0 U	-	-	-	-	-	-	0.89 U	0.89 U	-	15.0 U	-	-	-	-	-	-	0.89 U
Barium	ug/L	-	193 ^b	160 J ^b	172 J ^b	271 ^b	290 ^b												

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Operable Unit:		OU-5	OU-5	OU-5	OU-5	OU-5	OU-5	OU-5	OU-5	OU-4	OU-5	OU-5	OU-5	OU-5	OU-5	OU-5	OU-5	OU-5	OU-5	
Sample Location:		MW-48	MW-48	MW-48	MW-48	MW-48R	MW-48R	MW-48R	MW-48R	MW109	MW-109	MW-109	MW-109	MW-109	MW-109R	MW-109R	MW-109R	MW-109R	MW-109R	
Sample ID:		WG-17338-111214-RR-001	WG-17338-110417-DT-021	GW-11210099-081820-ST-002	GW-11210099-081820-ST-003	GW-11222397-011123-MA-13	GW-11222397-011123-MA-14	GW-11222397-111623-ZB-15	GW-11222397-103124-ES-16	GW-11222397-111225-ES-07	DA-MW109-W002	WG-17338-111214-RR-006	WG-17338-110417-SG-018	WG-17338-110417-SG-020	GW-11210099-081920-ST-007	GW - 11222397-011223-MA-16	GW-11222397-111623-CT-16	GW-11222397-111623-CT-17	GW-11222397-103124-CT-18	GW-11222397-103124-CT-19
Sample Date:		11/12/2014	11/4/2017	8/18/2020	8/18/2020 (Duplicate)	1/11/2023	1/11/2023 (Duplicate)	11/16/2023	10/30/2024	11/12/2025	9/17/2013	11/12/2014	11/4/2017	11/4/2017 (Duplicate)	8/19/2020	1/12/2023	11/16/2023	11/16/2023 (Duplicate)	10/30/2024	10/30/2024 (Duplicate)
Parameters	Units																			
Cadmium (dissolved)	ug/L	4.0 U	-	-	-	-	-	-	0.39 U	0.29 U	-	4.0 U	-	-	-	-	-	-	0.39 U	0.39 U
Calcium	ug/L	-	27800	29400 J	31500 J	35200	38100	30600	27400	50200	-	-	26100	26300	28400 J	90800	61800	63200	52200	50400
Calcium (dissolved)	ug/L	26600	-	-	-	-	-	-	29300	48100	-	26100	-	-	-	-	-	-	53100	53500
Chromium	ug/L	-	4.0 U	5.0 U	5.0 U	2.5 UJ	8.7 J	10.7 ^a	10.7 ^a	1.2 U	-	-	4.0 U	4.0 U	5.0 U	7.3	2.5 UJ	10.4 J ^a	2.5 U	2.5 U
Chromium (dissolved)	ug/L	10.0 U	-	-	-	-	-	-	2.5 U	1.2 U	-	10.0 U	-	-	-	-	-	-	2.5 U	2.5 U
Chromium VI (hexavalent)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent) (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	ug/L	-	3.6 J ^a	2.8 J ^a	3.8 J ^a	6.0 ^a	7.3 ^a	6.7 ^a	4.7 ^a	8.0 ^a	-	-	4.0 U	4.0 U	2.0 U	2.8 J ^a	0.86 J ^a	2.5 J ^a	0.71 U	0.71 U
Cobalt (dissolved)	ug/L	8.1 J ^a	-	-	-	-	-	-	2.5 J ^a	6.4 ^a	-	50.0 U	-	-	-	-	-	-	0.71 U	0.71 U
Copper	ug/L	-	4.0 U	6.9 U	6.9 U	2.5 U	3.6 U	2.5 U	5.2	2.5 U	-	-	4.0 U	4.0 U	6.9 U	16.9 ^b	2.5 U	18.3 J ^b	2.5 U	2.5 U
Copper (dissolved)	ug/L	25.0 U	-	-	-	-	-	-	2.5 U	2.5 U	-	25.0 U	-	-	-	-	-	-	2.5 U	2.6 J
Iron	ug/L	-	64.7 J	2840 J ^{ab}	3750 J ^{ab}	90.3 J	1950 J ^{ab}	3300 ^{ab}	3450 ^{ab}	58.2 U	-	-	54.9 J	86.8 J	139 J	4170 ^{ab}	1330 J ^b	4700 J ^{ab}	100 J	78.4 J
Iron (dissolved)	ug/L	3610 ^{ab}	-	-	-	-	-	-	58.2 U	58.2 U	-	150 U	-	-	-	-	-	-	58.2 U	58.2 U
Lead	ug/L	-	1.2 U	2.5 J	3.1 J ^b	0.84 UJ	8.7 J ^b	13.7 ^{ab}	11.5 ^{ab}	0.84 U	-	-	1.2 U	1.2 U	2.5 J	11.9 ^{ab}	0.84 UJ	5.7 J ^b	0.84 U	0.84 U
Lead (dissolved)	ug/L	10.0 U	-	-	-	-	-	-	0.84 U	0.84 U	-	10.0 U	-	-	-	-	-	-	0.84 U	0.84 U
Magnesium	ug/L	-	28200	22000	23500	37600	41200	31500	29400	49400	-	-	16600	16500	19700	33800	16800	17500	18800	18400
Magnesium (dissolved)	ug/L	28400	-	-	-	-	-	-	28700	48300	-	17400	-	-	-	-	-	-	18700	18300
Manganese	ug/L	-	6050 ^{ab}	833 J ^{ab}	927 J ^{ab}	6780 ^{ab}	7170 ^{ab}	5410 ^{ab}	5140 ^{ab}	9640 ^{ab}	-	-	29.2	31.2	50.4 J ^a	125 ^{ab}	21.9 J	73.0 J ^a	16.8	15.2
Manganese (dissolved)	ug/L	6370 ^{ab}	-	-	-	7910 ^{ab}	7890 ^{ab}	5440 ^{ab}	5200 ^{ab}	8660 ^{ab}	-	30.2	-	-	-	67.0 ^a	24.6	32.0	17.4	16.0
Mercury	ug/L	-	0.20 U	0.091 U	0.091 U	0.091 U	0.091 U	0.091 U	0.091 U	0.091 U	-	-	0.20 U	0.20 U	0.091 U	0.10 J ^{ab}	0.091 U	0.091 U	0.091 U	0.091 U
Mercury (dissolved)	ug/L	0.20 U	-	-	-	-	-	-	0.091 U	0.091 U	-	0.20 U	-	-	-	-	-	-	0.091 U	0.091 U
Nickel	ug/L	-	5.6 U	4.1 U	4.1 U	5.1 U	5.5 U	0.91 U	11.2	41.8 ^a	-	-	5.6 U	5.6 U	5.2 J	6.0	0.91 U	5.8	1.6 J	1.4 J
Nickel (dissolved)	ug/L	40.0 U	-	-	-	-	-	-	9.1	29.8	-	40.0 U	-	-	-	-	-	-	1.0 J	1.3 J
Potassium	ug/L	-	3360	6970	7370	3370	3520	3730	3560	4220	-	-	2390	2440	2790 J	35100	10200	10500	7010	6650
Potassium (dissolved)	ug/L	3730 J	-	-	-	-	-	-	3380	3880	-	2400 J	-	-	-	-	-	-	6890	6930
Selenium	ug/L	-	10.0 U	5.9 U	5.9 U	0.59 U	0.59 U	0.61 J	0.66 J	1.5 J ^b	-	-	10.0 U	10.0 U	5.9 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Selenium (dissolved)	ug/L	20.0 U	-	-	-	-	-	-	1.4 J ^b	1.5 J ^b	-	20.0 U	-	-	-	-	-	-	0.82 J	0.84 J
Silver	ug/L	-	2.0 U	5.8 U	5.8 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	-	-	2.0 U	2.0 U	5.8 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Silver (dissolved)	ug/L	3.7 J ^b	-	-	-	-	-	-	0.29 U	0.29 U	-	10.0 U	-	-	-	-	-	-	0.29 U	0.29 U
Sodium	ug/L	-	64800	27900 J	30600 J	106000	105000	120000	93100	151000	-	-	20900	20500	24400 J	49900	34300	35500	66400	63900
Sodium (dissolved)	ug/L	92300	-	-	-	-	-	-	91700	143000	-	32200	-	-	-	-	-	-	64700	63200
Thallium	ug/L	-	0.80 U	4.1 U	4.1 U	0.21 U	0.21 U	0.21 U	0.21 U	0.17 U	-	-	0.80 U	0.80 U	4.1 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
Thallium (dissolved)	ug/L	20.0 U	-	-	-	-	-	-	0.21 U	0.17 U	-	20.0 U	-	-	-	-	-	-	0.21 U	0.21 U
Vanadium	ug/L	-	4.0 U	7.2 U	7.2 U	0.76 J	5.6 J	11.3 ^a	10.9 ^a	0.68 U	-	-	4.0 U	4.0 U	7.2 U	6.7	4.0 J	11.6 J ^a	1.3 J	1.1 J
Vanadium (dissolved)	ug/L	50.0 U	-	-	-	-	-	-	0.68 U	0.68 U	-	50.0 U	-	-	-	-	-	-	0.68 U	0.68 U
Zinc	ug/L	-	38.5 U	1.2 U	1.2 U	10 J	17.7	24.3	21.1	10.7 J	-	-	16.0 U	38.5 U	7.3 J	20.8	10.8 J	19.1 J	6.5 U	6.5 U
Zinc (dissolved)	ug/L	10.5 J	-	-	-	-	-	-	8.5 J	6.5 U	-	6.9 J	-	-	-	-	-	-	6.5 U	6.5 U

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Wilmington, Delaware

Operable Unit:		OU-5	OU-5	OU-5	OU-5	OU-5	OU-5	OU-5	OU-5	OU-5	OU-5	OU-5	OU-5	OU-5	OU-5
Sample Location:		MW-109R	MW-112	MW-112	MW-112	MW-112	MW-112	MW-112	MW-112	MW-113	MW-113	MW-113	MW-113R	MW-113R	MW-113R
Sample ID:		GW-11222397-111325-ES-016	GW-01733818-0713-RM-01	GW-11210099-081820-ST-005	GW-11222397-011123-ZB-12	GW-11222397-111523-ZB-14	GW-11222397-103124-CT-15	GW-11222397-111225-ES-11	GW-11222397-111225-ES-13	GW-01733818-0713-RM-02	GW-01733818-0713-RM-03	GW-11210099-081820-ST-004	GW - 11222397-011223-MA-15	GW-11222397-111623-ZB-18	GW-11222397-110124-ES-21
Sample Date:		11/13/2025	7/13/2018	8/18/2020	1/11/2023	11/15/2023	10/30/2024	11/12/2025	11/12/2025 (Duplicate)	7/13/2018	7/13/2018 (Duplicate)	8/18/2020	1/12/2023	11/16/2023	11/1/2024
Parameters		Units													
Volatile Organic Compounds															
1,1,1-Trichloroethane	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
1,1,2-Trichloroethane	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
1,1-Dichloroethane	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
1,1-Dichloroethene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
1,2,4-Trichlorobenzene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
1,2,4-Trimethylbenzene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
1,2-Dichlorobenzene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
1,2-Dichloroethane	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
1,2-Dichloropropane	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
1,3,5-Trimethylbenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
1,4-Dichlorobenzene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
1,4-Dioxane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	5.0 U	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-
2-Hexanone	ug/L	-	5.0 U	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ug/L	-	5.0 U	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-
Acetone	ug/L	-	5.0 U	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-
Benzene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
Bromodichloromethane	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
Bromoform	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
Bromomethane (Methyl bromide)	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
Carbon disulfide	ug/L	-	0.27 J	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
Carbon tetrachloride	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
Chlorobenzene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
Chlorobromomethane	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
Chloroform (Trichloromethane)	ug/L	-	1.5 ^a	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
cis-1,2-Dichloroethene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
cis-1,3-Dichloropropene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
Cyclohexane	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
Dibromochloromethane	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
Ethylbenzene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
Isopropyl benzene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
m&p-Xylenes	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	ug/L	-	5.0 U	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-
Methyl cyclohexane	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
Methyl tert butyl ether (MTBE)	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
Methylene chloride	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
Tetrachloroethene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
Toluene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
trans-1,2-Dichloroethene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
trans-1,3-Dichloropropene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
Trichloroethene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
Trifluorotrichloroethane (CFC-113)	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
Vinyl chloride	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-
Xylenes (total)	ug/L	-	2.0 U	-	-	-	-	-	-	2.0 U	2.0 U	-	-	-	-
Semi-Volatile Organic Compounds															
1,2,4,5-Tetrachlorobenzene	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloropropane))	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-
2,3,4,6-Tetrachlorophenol	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-
2,4,6-Trichlorophenol	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-
2,4-Dichlorophenol	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-
2,4-Dimethylphenol	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-
2,4-Dinitrophenol	ug/L	-	20 U	-	-	-	-	-	-	20 U	20 U	-	-	-	-
2,4-Dinitrotoluene	ug/L	-	2.0 U	-	-	-	-	-	-	2.0 U	2.0 U	-	-	-	-
2,6-Dinitrotoluene	ug/L	-	2.0 U	-	-	-	-	-	-	2.0 U	2.0 U	-	-	-	-
2-Chloronaphthalene	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-

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Sample Location:		MW-109R	MW-112	MW-112	MW-112	MW-112	MW-112	MW-112	MW-112	MW-113	MW-113	MW-113	MW-113R	MW-113R	MW-113R	
Sample ID:		GW-11222397-111325-ES-016	GW-01733818-0713-RM-01	GW-11210099-081820-ST-005	GW-11222397-011123-ZB-12	GW-11222397-111523-ZB-14	GW-11222397-103124-CT-15	GW-11222397-111225-ES-11	GW-11222397-111225-ES-13	GW-01733818-0713-RM-02	GW-01733818-0713-RM-03	GW-11210099-081820-ST-004	GW - 11222397-011223-MA-15	GW-11222397-111623-ZB-18	GW-11222397-110124-ES-21	
Sample Date:		11/13/2025	7/13/2018	8/18/2020	1/11/2023	11/15/2023	10/30/2024	11/12/2025	11/12/2025 (Duplicate)	7/13/2018	7/13/2018 (Duplicate)	8/18/2020	1/12/2023	11/16/2023	11/1/2024	
Parameters	Units															
2-Chlorophenol	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
2-Methylnaphthalene	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
2-Methylphenol	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
2-Nitroaniline	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
2-Nitrophenol	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
3,3'-Dichlorobenzidine	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
3-Nitroaniline	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
4,6-Dinitro-2-methylphenol	ug/L	-	20 U	-	-	-	-	-	-	20 U	20 U	-	-	-	-	
4-Bromophenyl phenyl ether	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
4-Chloro-3-methylphenol	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
4-Chloroaniline	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
4-Chlorophenyl phenyl ether	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
4-Methylphenol	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
4-Nitroaniline	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
4-Nitrophenol	ug/L	-	20 U	-	-	-	-	-	-	20 U	20 U	-	-	-	-	
Acenaphthene	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
Acenaphthylene	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
Acetophenone	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
Anthracene	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
Atrazine	ug/L	-	2.0 U	-	-	-	-	-	-	2.0 U	2.0 U	-	-	-	-	
Benzaldehyde	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
Benzo(a)anthracene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-	
Benzo(a)pyrene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-	
Benzo(b)fluoranthene	ug/L	-	2.0 U	-	-	-	-	-	-	2.0 U	2.0 U	-	-	-	-	
Benzo(g,h,i)perylene	ug/L	-	10 UJ	-	-	-	-	-	-	10 UJ	10 UJ	-	-	-	-	
Benzo(k)fluoranthene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-	
Biphenyl (1,1-Biphenyl)	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
bis(2-Chloroethoxy)methane	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
bis(2-Chloroethyl)ether	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-	
bis(2-Ethylhexyl)phthalate (DEHP)	ug/L	-	2.0 U	-	-	-	-	-	-	2.0 U	2.0 U	-	-	-	-	
Butyl benzylphthalate (BBP)	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
Caprolactam	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
Carbazole	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
Chrysene	ug/L	-	2.0 U	-	-	-	-	-	-	2.0 U	2.0 U	-	-	-	-	
Dibenz(a,h)anthracene	ug/L	-	1.0 UJ	-	-	-	-	-	-	1.0 UJ	1.0 UJ	-	-	-	-	
Dibenzofuran	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
Diethyl phthalate	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
Dimethyl phthalate	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
Di-n-butylphthalate (DBP)	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
Di-n-octyl phthalate (DnOP)	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
Fluoranthene	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
Fluorene	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
Hexachlorobenzene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-	
Hexachlorobutadiene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-	
Hexachlorocyclopentadiene	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
Hexachloroethane	ug/L	-	2.0 U	-	-	-	-	-	-	2.0 U	2.0 U	-	-	-	-	
Indeno(1,2,3-cd)pyrene	ug/L	-	2.0 U	-	-	-	-	-	-	2.0 U	2.0 U	-	-	-	-	
Isophorone	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
Naphthalene	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
Nitrobenzene	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-	
N-Nitrosodi-n-propylamine	ug/L	-	1.0 U	-	-	-	-	-	-	1.0 U	1.0 U	-	-	-	-	
N-Nitrosodiphenylamine	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
Pentachlorophenol	ug/L	-	20 U	-	-	-	-	-	-	20 U	20 U	-	-	-	-	
Phenanthrene	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
Phenol	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
Pyrene	ug/L	-	10 U	-	-	-	-	-	-	10 U	10 U	-	-	-	-	
Metals																
Aluminum	ug/L	19.9 J	39.5 J	76.9 U	1920 ^b	32100 ^{ab}	247 ^b	3920 ^{ab}	3080 ^{ab}	22.4 J	40.0 U	107 J ^b	1040 ^b	539 ^b	2910 ^{ab}	618 ^b
Aluminum (dissolved)	ug/L	19.5 U	-	-	-	-	19.5 U	19.5 UJ	19.5 UJ	-	-	-	-	-	19.5 U	19.5 U
Antimony	ug/L	0.41 J	2.0 U	49.4 ^{ab}	0.76 U	2.4 J ^a	0.76 U	0.61 J	0.59 J	2.0 U	2.0 U	15.2 J ^a	0.76 U	0.76 U	0.76 U	0.30 U
Antimony (dissolved)	ug/L	0.33 J	-	-	-	-	0.76 U	0.30 UJ	0.30 UJ	-	-	-	-	-	0.76 U	0.30 U
Arsenic	ug/L	0.89 U	2.2 ^a	3.3 U	1.0 J ^a	5.3 ^{ab}	0.89 U	0.89 U	0.89 U	0.77 J ^a	0.86 J ^a	3.3 U	0.89 U	0.89 U	0.89 U	0.89 U
Arsenic (dissolved)	ug/L	0.89 U	-	-	-	-	0.89 U	0.89 U	0.89 U	-	-	-	-	-	0.89 U	0.89 U
Barium	ug/L	234 ^b	156 ^b	247 ^b	327 ^b	337 J ^b	230 ^b	340 ^b	343 ^b	226 ^b	224 ^b	162 J ^b	264 ^b	221 ^b	217 ^b	287 ^b
Barium (dissolved)	ug/L	221 ^b	-	-	-	-	246 ^b	307 ^b	313 ^b	-	-	-	-	-	222 ^b	269 ^b
Beryllium	ug/L	0.13 U	0.80 U	0.17 U	0.13 U	2.6 ^{ab}	0.13 U	0.25 J	0.21 J	0.80 U	0.80 U	0.17 U	0.13 U	0.13 U	0.16 J	0.13 U
Beryllium (dissolved)	ug/L	0.13 U	-	-	-	-	0.13 U	0.13 U	0.13 U	-	-	-	-	-	0.13 U	0.13 U
Cadmium	ug/L	0.29 U	2.0 U	0.36 J ^{ab}	0.39 U	0.39 U	0.39 U	0.29 U	0.29 U	2.0 U	2.0 U	0.33 U	0.39 U	0.39 U	0.39 U	0.29 U

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Sample Location:		MW-109R	MW-112	MW-112	MW-112	MW-112	MW-112	MW-112	MW-112	MW-113	MW-113	MW-113	MW-113R	MW-113R	MW-113R	MW-113R
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Sample Date:		11/13/2025	7/13/2018	8/18/2020	1/11/2023	11/15/2023	10/30/2024	11/12/2025	11/12/2025 (Duplicate)	7/13/2018	7/13/2018 (Duplicate)	8/18/2020	1/12/2023	11/16/2023	11/1/2024	11/13/2025
Parameters	Units															
Cadmium (dissolved)	ug/L	0.29 U	-	-	-	-	0.39 U	0.29 U	0.29 U	-	-	-	-	-	0.39 U	0.29 U
Calcium	ug/L	57800	37800	40400 J	74300	34900	46700	64500	64700	35100	34400	24600 J	36600	32100	31700	39500
Calcium (dissolved)	ug/L	55400	-	-	-	-	49200	61000	62000	-	-	-	-	-	32400	37700
Chromium	ug/L	1.2 U	4.0 U	5.0 U	3.4 J	57.7 ^a	2.5 U	6.1	4.3	4.0 U	4.0 U	5.0 U	2.6 J	2.5 U	9.6	3.0 J
Chromium (dissolved)	ug/L	1.2 U	-	-	-	-	2.5 U	1.2 U	1.2 U	-	-	-	-	-	2.5 U	1.2 U
Chromium VI (hexavalent)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent) (dissolved)	ug/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	ug/L	0.24 U	10.8 ^a	5.4 J ^a	7.4 ^a	22.5 ^a	3.4 J ^a	5.8 ^a	4.9 ^a	9.2 ^a	8.8 ^a	14.6 J ^a	17.7 ^a	12.7 ^a	9.4 ^a	11.8 ^a
Cobalt (dissolved)	ug/L	0.24 J	-	-	-	-	3.2 J ^a	3.4 ^a	3.4 ^a	-	-	-	-	-	6.8 ^a	11.1 ^a
Copper	ug/L	2.5 U	4.0 U	6.9 U	5.1 U	2.5 U	2.5 U	6.1	6.6	4.0 U	4.0 U	6.9 U	2.5 U	2.5 U	4.9	2.5 U
Copper (dissolved)	ug/L	2.5 U	-	-	-	-	2.5 U	2.5 U	2.5 U	-	-	-	-	-	3.6 J	2.5 U
Iron	ug/L	58.2 U	1330 ^b	80.8 U	3500 ^{ab}	39800 ^{ab}	230	4120 ^{ab}	3000 ^{ab}	4680 ^{ab}	4570 ^{ab}	1100 J ^b	833 ^b	406 ^b	2350 ^{ab}	555 ^b
Iron (dissolved)	ug/L	58.2 U	-	-	-	-	83.4 J	58.2 U	58.2 U	-	-	-	-	-	58.2 U	58.8 J
Lead	ug/L	0.84 U	1.2 U	5.2 J ^b	2.7 ^b	76.9 J ^{ab}	0.84 U	5.2 ^b	3.7 ^b	1.2 U	1.2 U	3.3 J ^b	0.84 J	0.84 U	4.1 ^b	0.84 U
Lead (dissolved)	ug/L	0.84 U	-	-	-	-	0.84 U	0.84 U	0.84 U	-	-	-	-	-	0.84 U	0.84 U
Magnesium	ug/L	19100	20900	46000	52700	24600	30000	40500	40900	26100	25100	22700	31400	28400	28200	33500
Magnesium (dissolved)	ug/L	18300	-	-	-	-	29400	38500	39800	-	-	-	-	-	26600	32200
Manganese	ug/L	1.5 U	3840 ^{ab}	12200 J ^{ab}	1270 ^{ab}	617 ^{ab}	549 ^{ab}	804 ^{ab}	784 ^{ab}	2400 ^{ab}	2330 ^{ab}	4140 J ^{ab}	4720 ^{ab}	3270 ^{ab}	2060 ^{ab}	3270 ^{ab}
Manganese (dissolved)	ug/L	1.5 U	-	-	1170 ^{ab}	439 ^{ab}	560 ^{ab}	731 ^{ab}	733 ^{ab}	-	-	-	4850 ^{ab}	3060 ^{ab}	1880 ^{ab}	3100 ^{ab}
Mercury	ug/L	0.091 U	0.20 U	0.091 U	0.091 U	0.091 U	0.091 U	0.091 U	0.091 U	0.20 U	0.20 U	0.091 U	0.091 U	0.091 U	0.091 U	0.091 U
Mercury (dissolved)	ug/L	0.091 U	-	-	-	-	0.091 U	0.091 U	0.091 U	-	-	-	-	-	0.091 U	0.091 U
Nickel	ug/L	0.93 J	3.7 J	4.3 J	9.3 U	0.91 U	5.9	10.3	8.4	1.5 J	1.9 J	4.1 U	3.4 J	0.91 U	7.2	6.5
Nickel (dissolved)	ug/L	0.91 U	-	-	-	-	3.8 J	4.5	4.2	-	-	-	-	-	5.0	5.6
Potassium	ug/L	6610	7050	3660 J	8730	9200	6940	9160	9040	7000	6820	4510 J	4550	5580	5050	5690
Potassium (dissolved)	ug/L	6200	-	-	-	-	6950	7930	8020	-	-	-	-	-	4830	5320
Selenium	ug/L	0.59 U	10.0 U	7.6 J ^b	0.59 U	0.72 J	0.59 U	0.59 U	0.59 U	10.0 U	10.0 U	5.9 U	0.59 U	0.59 U	0.59 U	0.59 U
Selenium (dissolved)	ug/L	0.59 U	-	-	-	-	0.81 J	0.59 U	0.59 U	-	-	-	-	-	0.84 J	0.59 U
Silver	ug/L	0.29 U	2.0 U	5.8 U	0.29 U	1.0 J	0.29 U	0.29 U	0.29 U	2.0 U	2.0 U	5.8 U	0.29 U	0.29 U	0.29 U	0.29 U
Silver (dissolved)	ug/L	0.29 U	-	-	-	-	0.29 U	0.29 U	0.29 U	-	-	-	-	-	0.29 U	0.29 U
Sodium	ug/L	77200	41600	80500 J	84800	84400	101000	134000	135000	61800	59500	69900 J	74300	70600	70200	87500
Sodium (dissolved)	ug/L	73900	-	-	-	-	96300	124000	129000	-	-	-	-	-	66900	83900
Thallium	ug/L	0.17 U	0.80 U	11.4 J ^{ab}	0.21 U	0.21 UJ	0.21 U	0.17 U	0.17 U	0.80 U	0.80 U	4.7 J ^{ab}	0.21 U	0.21 U	0.21 U	0.17 U
Thallium (dissolved)	ug/L	0.17 U	-	-	-	-	0.21 U	0.17 U	0.17 U	-	-	-	-	-	0.21 U	0.17 U
Vanadium	ug/L	3.3 J	4.0 U	7.2 U	5.3	99.7 ^{ab}	1.3 J	10.0 ^a	7.6	4.0 U	4.0 U	7.2 U	3.8 J	1.9 J	12.8 ^a	3.9 J
Vanadium (dissolved)	ug/L	3.4 J	-	-	-	-	0.68 U	0.68 U	0.68 U	-	-	-	-	-	1.5 J	1.5 J
Zinc	ug/L	6.5 U	16.0 U	1.2 U	20.5	196 ^b	7.5 J	26.9	37.3	16.0 U	16.0 U	1.2 U	6.5 U	6.5 U	9.1 J	6.5 U
Zinc (dissolved)	ug/L	6.5 U	-	-	-	-	6.5 U	6.5 U	6.5 U	-	-	-	-	-	6.5 U	6.5 U

Notes:
U - Not detected at the associated reporting limit.
J - Estimated concentration.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
H - Biased High
B - Not detected substantially above the level reported in the laboratory or field blanks.
ug/L - microgram per liter
Red values exceed the Delaware DNREC HSCA Groundwater Screening Levels, updated December 2025.
(a) Concentration exceeds the HSCA Groundwater Screening Levels, December 2025.
(b) Concentration exceeds the HSCA Ecological Surface Water Fresh Screening Levels, December 2025.

Appendix F

**OU-5 Groundwater Discharge to Little Mill
Creek**

APPENDIX F

OU-5 Groundwater Discharge to Little Mill Creek Estimation of Current Shallow Groundwater Flow Rate and Surface Water Concentrations

1. Background

In an October 8, 2018, email, DNREC requested an evaluation of mass loading from OU-5 groundwater into the nearby stream, Little Mill Creek, be included in the GHD's 2018 OU-5 Groundwater Monitoring Results letter. Specifically, DNREC requested evaluating constituents with detected concentrations that exceeded the HSCA Ecological Surface Water Fresh (Eco Fresh) Screening Levels. The 2018 evaluation concluded that even though mass loading from groundwater to Little Mill Creek surface water may be occurring, aquatic life in Little Mill Creek would not be impacted by any migration of metals from OU-5. An evaluation of mass loading was performed again after the 2020 OU-5 groundwater sampling event, summarized in GHD's 2020 OU-5 Groundwater Monitoring Plan letter, with the same conclusion. Mass loading evaluations were also included in the Year 1, Year 2, and Year 3 LTS Groundwater Monitoring Reports.

In the following sections, groundwater results from the four OU-5 perimeter wells (MW-48R, MW-109R, MW-112, and MW-113R) sampled in 2025 are compared to the HSCA Eco Fresh Screening Levels and evaluated for potential mass loading into Little Mill Creek.

2. OU-5 Groundwater Results – Metals

Seven metals (aluminum, arsenic, barium, beryllium, copper, iron, lead, manganese, vanadium, and zinc) were detected at these locations in 2025 at concentrations that exceeded the HSCA Eco Fresh Screening Levels, which are as follows:

- Total and dissolved barium – all four wells (MW-48R, MW-109R, MW-112 and MW-113R)
- Total and dissolved manganese – three wells (MW-48R, MW-112, MW-113R)
- Total iron – two wells (MW-112 and MW-113R)
- Total and dissolved selenium – one well (MW-48R)
- Total lead – one well (MW-112)
- Total aluminum – one well (MW-113R)
- Dissolved aluminum – one well (MW-112)

Groundwater data are presented in Appendix E.

Comparing groundwater data to the HSCA Eco Fresh Screening Levels conservatively assumes that all groundwater discharges to surface water in Little Mill Creek without dilution and that all metals detected in groundwater are site-related and not associated with background metals concentrations. The four perimeter wells in OU-5 (MW-48R, MW-109R, MW-112, and MW-113R) vary in distance from Little Mill Creek between approximately 100 feet (MW-109R) and 350 feet (MW-48R), and as such, comparing groundwater concentrations from these wells directly to the HSCA Eco Fresh Screening Levels is conservative and does not account for dilution or dispersion that would occur before groundwater is discharged to Little Mill Creek. The following section includes an evaluation of the potential ecological impacts of OU-5 groundwater to surface water in Little Mill Creek by conservatively estimating high-end surface water concentrations using the maximum detected groundwater concentrations.

3. Estimated Surface Water Concentrations

Discharge of groundwater in the shallow saturated zone from the Site to Little Mill Creek may occur along the Site's northeastern boundary extending from OU-5 to OU-6.

The flow rate of groundwater in the shallow saturated zone from the Site to Little Mill Creek was estimated using Darcy's law, as follows:

$$Q = A \cdot K \frac{dh}{dx}$$

where:

Q = flow rate (ft³/s)

A = cross-sectional area of flow (ft²)

K = hydraulic conductivity (ft/s)

dh/dx = hydraulic gradient (ft/ft)

The cross-sectional area of shallow groundwater flow (A) is estimated to be approximately 4,800 feet squared (ft²). This estimate is based on the distance from monitoring wells MW-48R to MW-109R along the eastern boundary of OU-5. The saturated thickness of the shallow saturated zone intersecting Little Mill Creek is estimated at 12 ft¹. This is likely an overestimate of the discharge area to Little Mill Creek.

The hydraulic conductivity (K) of the shallow saturated zone was estimated using the generic saturated hydraulic conductivity for sandy loam soil from the National Resources Conservation Service (NRCS). The average of the low and high hydraulic conductivities was used, which is approximately 28.2 micrometers per second (um/s) or 9.3×10^{-6} feet per second (ft/s).

The hydraulic gradient (dh/dx) is estimated to range from approximately 0.003 to 0.004 ft/ft, based on the groundwater elevations from MW-28R to MW-113R and MW-112, respectively.

Using the high-end of the range of hydraulic gradients and the other values discussed above, the discharge of shallow groundwater is conservatively calculated to be approximately 1.7×10^{-4} ft³/s.

The stream concentration was calculated assuming groundwater discharge into the stream, as follows:

$$C_s = C_g (Q_g/Q_s)$$

where:

C_s = stream concentration (ug/L)

C_g = groundwater concentration (ug/L)

Q_g = groundwater flow rate (ft³/s)

Q_s = 1Q10 Little Mill Creek flow rate (ft³/s)

The maximum detected concentrations in groundwater from perimeter wells (MW-48R, MW-109R, MW-112, and MW-113R) for the six metals that exceeded the HSCA Eco Fresh Screening Levels were used to evaluate potential mass loading to Little Mill Creek (listed in Table 1).

To provide a conservative evaluation, the minimum daily flow rate for Little Mill Creek from StreamStats was used in calculations (USGS station ID 01480095, 0.41 ft³/s). The estimated surface water concentrations from the discharge of groundwater were conservatively calculated to be 1.62 ug/L for aluminum, 0.12 ug/L for barium, 1.71 ug/L for iron, 2.2×10^{-3} ug/L for lead, 4.0 ug/L for manganese, and 6.2×10^{-4} ug/L for selenium (Table 1). These estimated surface water concentrations are less than the respective HSCA Eco Fresh Screening Levels.

¹ The saturated thickness of the shallow zone intersecting with Little Mill Creek is based on the observed water table depth at MW-112 and MW-113R (10-ft below ground surface), the ground surface elevation at MW-112 (71.71 ft AMSL), and the minimum basin elevation of Little Mill Creek at USGS station 01480100 (49.7 ft AMSL), located approximately 1 mile downstream of the site.

Table 1 *Estimated Surface Water Concentrations in Little Mill Creek from the Discharge of Groundwater*

Constituent	HSCA Eco Fresh Screening Level (ug/L)	Maximum Groundwater Concentration (ug/L)	Estimated Surface Water Concentration (ug/L)
Aluminum	87	3,920	1.62
Barium	4	287	0.12
Iron	300	4,120	1.71
Lead	2.5	5.2	2.2×10^{-3}
Manganese	120	9,640	4.0
Selenium	1	1.5	6.2×10^{-4}

Based on these estimated surface water concentrations, aquatic life in Little Mill Creek is not impacted by the migration of metals from OU-5, which is consistent with the 2018, 2020, Year 1, Year 2, and Year 3 LTS Groundwater Monitoring Report evaluations.

Appendix G

OU-5 Cap Inspection Form

RACER Trust
Former GM Assembly Plant
Wilmington, Delaware
OU-5 Permanent Cap Inspection Form

Site Name/Description: OU-5 Test Track Area Permanent Cap
Inspector Tyson Frederick
:
Weather: Partly Cloudy
Date/Time: 11/13/2025 09:00

Site Inspection Items		
If yes, describe in notes.		Notes/Location of "No"
Inspect the exterior		
1)	concrete around the warehouse building.	
a	Signs of significant cracks or holes?	No Overall, exterior concrete in very good to excellent condition. Various small cracks in concrete in NE cap area but nothing that hasn't been noted previously
b	Areas of erosion of capped area?	No
c	Noticeable vegetation (e.g., weeds, grass, rooting shrubs) through cap?	No
d	Adequate drainage on and around the cap?	Yes
e	Any evidence underground work was completed or is ongoing (e.g., trenching, fresh concrete)?	No
Inspect the interior slab of the warehouse building.		
2)	The permanent cap is located East and North of Column D7.	
a	Signs of significant cracks or holes?	No Interior slab appears in very good condition with no noticeable cracks or holes
b	Any evidence underground work was completed or is ongoing (e.g., trenching, fresh concrete)?	No

- 3) Inspect the concrete pavement.
- | | | | |
|---|--|-----|---|
| a | Signs of significant cracks or holes? | No | Pavement appears to be in very good condition |
| b | Areas of erosion of capped area? | No | |
| c | Noticeable vegetation (e.g., weeds, grass, rooting shrubs) through cap? | No | |
| d | Adequate drainage on and around the cap? | Yes | |
| e | Any evidence underground work was completed or is ongoing (e.g., trenching, fresh concrete)? | No | |
- 4) Inspect the landscaped area.
- | | | |
|---|--|-----|
| a | Any exposed geotextile fabric? | No |
| b | Signs of significant holes or penetrations through cap soil? | No |
| c | Areas of erosion? | No |
| d | Adequate drainage on and around the cap? | Yes |

See Photos at the end of this form

Comments/Remarks

Cap inspection started around 11am and concluded around 1:30pm. Donte with the property management company had me escorted inside the building. Overall cap inspection revealed no noticeable damage aside from various small cracks in exterior concrete as pictured.

Corrective Actions Recommended/Completed (Date)

N/A

Photos

Photo 1 - Cap ID - 1 - Back OU-5 entrance



Photo 2 - Cap ID - 2 -



Photo 3 - Cap ID - 3 - View Looking 90 - MW-48R



Photo 4 - Cap ID - 4 - View Looking 270 - Cap near MW-48r



Photo 5 - Cap ID - 5 - View Looking 90 - Near MW-112r

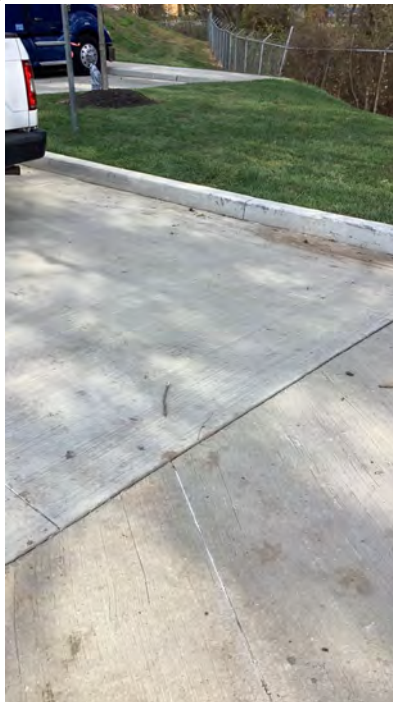


Photo 6 - Cap ID - 6 - View Looking 90 - Looking towards MW-109



Photo 7 - Cap ID - 7 - View Looking 180 - Back of cap looking towards wells along east property line

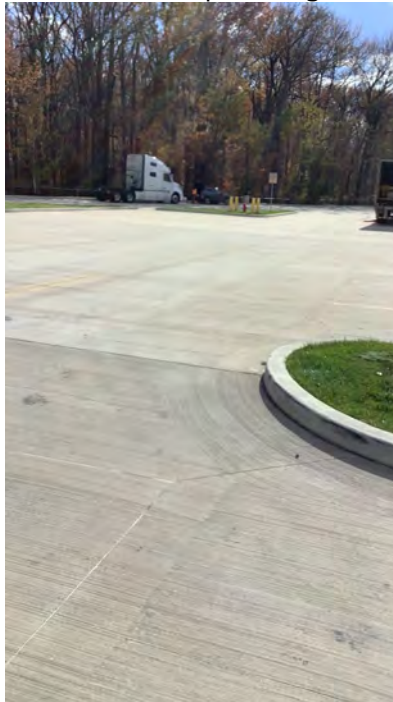


Photo 8 - Cap ID - 8 - North fence line



Photo 9 - Cap ID - 9 - Driving along north fence line



Photo 10 - Cap ID - 10 - View Looking 180 - Back Ou-5 loading dock



Photo 11 - Cap ID - 11 - View Looking 180 - Back OU-5 loading dock turn around area



Photo 12 - Cap ID - 12 - Loading dock on east pad



Photo 13 - Cap ID - 13 - View Looking 270 - Transition along train tracks



Photo 14 - Cap ID - 14 - View Looking 270 - North side loading queue



Photo 15 - Cap ID - 15 - Facing warehouse



Photo 16 - Cap ID - 16 - Queue end facing

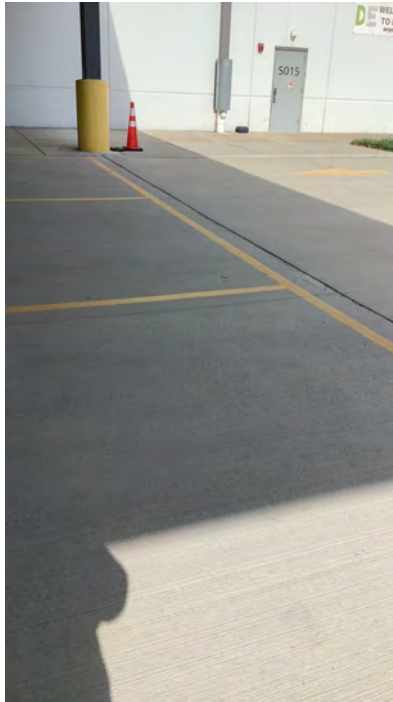


Photo 17 - Cap ID - 17 - View Looking 90 - D7 inside warehouse



Photo 18 - Cap ID - 18 - Near d7 inside warehouse facing north along wall

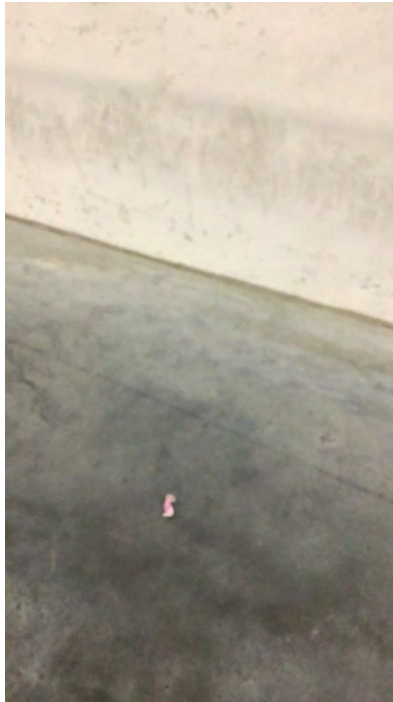


Photo 19 - Cap ID - 19 - View Looking 180 - Loading door 202 on south facing wall

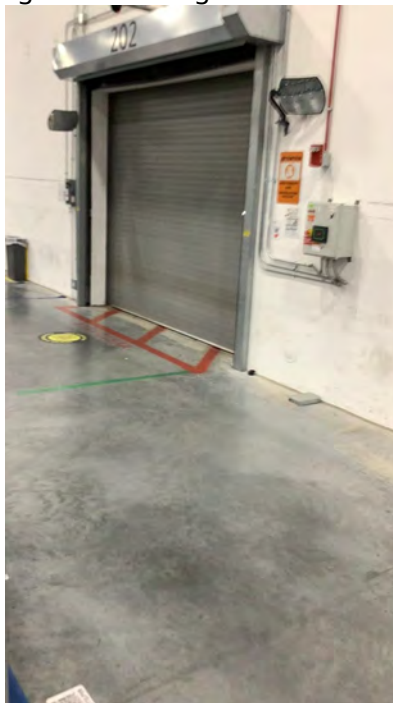


Photo 20 - Cap ID - 20 - View Looking 90 - SE corner inside warehouse

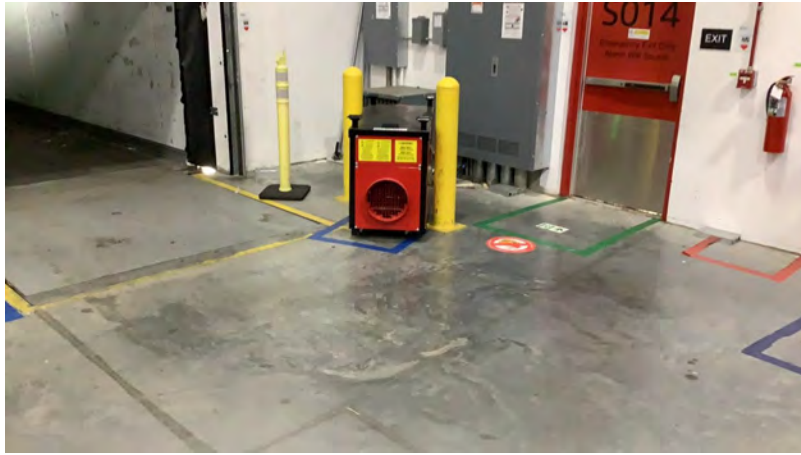


Photo 21 - Queue on south side of warehouse

