



July 2024 - Annual Long-Term Groundwater Monitoring Report

**Revitalizing Auto Communities
Environmental Response Trust**

RACER Trust

October 18, 2024

→ The Power of Commitment

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1. Introduction

GHD Services Inc. (GHD) has prepared this annual long-term groundwater monitoring report on behalf of the Revitalizing Auto Communities Environmental Response (RACER) Trust for the Former Fairfax I Plant Site (site). The report was prepared to comply with Consent Agreement and Final Order (Order) Case No. 11 E 109 BER dated November 21, 2011.

1.1 Purpose of this Report

The purpose of this report is to describe the long-term groundwater monitoring activities performed in 2024 per the requirements identified in the agency decision statement (ADS) for the site issued in January 2018. The long-term groundwater monitoring was performed in accordance with the long-term monitoring plan and quality assurance project plan approved by Kansas Department of Health and Environment (KDHE) in a letter dated July 6, 2020.

2. Site Description and History

2.1 Site Description

The Fairfax I site is located in a heavy industrial area known as the Fairfax District in Kansas City, Kansas at 230 Kindleberger Road as shown on Figure 1. The site was partially redeveloped starting in 2013, as discussed in the following section and includes a 74,000-square-foot building in the southeast section of the site, an 841,719-square-foot building in the west half, and vacant land planned for future development in the northeast section of the site. A site plan is provided as Figure 2. As part of the redevelopment, the site physical address was changed from 100 Kindleberger Road to 230 Kindleberger Road.

The properties to the west and south of the site include industrial operations, chemical companies, and manufacturing facilities. The property to the east and southeast is operated by General Motors, LLC (GM LLC) as an automotive assembly plant known as the GM Fairfax Assembly Plant.

The site is located on a bend in the Missouri River, with the river located north, east, and southeast of the site as shown on Figure 1. A levee is present between the Site and the Missouri River.

2.2 Site History

The U.S. government constructed the Fairfax I plant in 1940 for use by North American Aviation for military aircraft assembly during World War II. In 1945, General Motors Corporation (GMC) negotiated a lease for the plant from the U.S. Government and began assembling automobiles. During the Korean conflict in the 1950s, GMC assembled military aircraft in addition to automobiles.

GMC purchased the property from the U.S. Government in 1960 and continued automobile assembly operations at the site until the late 1980s, when production was moved to a new Fairfax II plant (now known as the GM Fairfax Assembly Plant) which was built to the southeast of the Fairfax I Plant. The Fairfax I buildings were demolished by GMC in 1987 and GMC held the property vacant.

The site has a long history of environmental investigations (since the late 1980s) and remedial activities. These were performed under a variety of regulatory programs with oversight by KDHE in anticipation of the sale of distinct land parcels under the KDHE voluntary cleanup and property redevelopment program. A western portion of the Fairfax I property, which covered approximately 16 acres, was referred to as "Tract 2" and received a "no further action" designation from KDHE. Tract 2 was sold to a third party in 2008. The Fairfax I site is approximately 91 acres of land.

In 2011 following GMC's bankruptcy, the RACER Trust was created through the bankruptcy settlement to conduct, manage, and fund cleanup activities at 89 former GMC properties, including the Fairfax I site. RACER and KDHE Bureau of Environmental Remediation (BER) entered into Consent Agreement and Final Order No. 11-E-109 BER dated November 21, 2011. The Order identified five Areas of Concern (AOCs) which required further characterization and/or remediation:

The five AOCs as shown on Figure 2 are:

- S8 Area. The area around soil boring S-8 near the former baler room and underground storage tank area
- SB-110 Area. The area around soil boring SB-110 northwest of the former main plant building
- TMW-127 Area. Groundwater in an area around temporary monitoring well TMW-127
- MW-103A Area. The area around monitoring well MW-103A near a former rail spur and an aboveground tank farm
- TMW-130 Area. The area around temporary monitoring well TMW-130 in the southeast quadrant of the footprint of the former Fairfax I Plant.

In 2014, RACER completed interim measures that included excavation of 14,951 yd³ of petroleum-impacted soils from AOC TMW-130 and excavation of 4,966 yd³ of volatile organic compound (VOC)-impacted soils from AOC MW-103A. These interim measures effectively addressed the known significant source areas at the site.

In a memorandum dated November 9, 2015, GHD presented a groundwater plume stability analysis for chlorinated volatile organic compounds (CVOCs), primarily vinyl chloride, in the TMW-127 Area. The plume stability analysis was completed to investigate CVOCs present in the intermediate depths of the underlying aquifer near the property boundary. Based on the results of the plume stability analysis, which evaluated groundwater concentrations sampled over a limited data set between October 2013 and July 2015, at the 99 percent confidence level, the groundwater plume area, average concentration, and CVO mass appeared to be stable in the TMW-127 Area. In a meeting on May 11, 2016, KDHE requested the installation of additional monitoring wells to validate the conclusions of the groundwater stability analysis. RACER installed down-gradient monitoring wells MW-208A, MW-208B and MW-208C in January 2020 as discussed below.

NorthPoint Development broke ground in December 2013 for a new industrial development called the Central Industrial Park. NorthPoint, plugged and abandoned all but eleven monitoring wells in the monitoring well network to facilitate construction and redevelopment of the property with the understanding that the monitoring well network would be re-established after construction.

In 2015, construction was completed on the first building, a 74,000-square-foot manufacturing facility occupied by Inergy Automotive Systems, a global supplier of plastic fuel tank systems. In 2017, construction was completed on a second building, an 841,719-square-foot facility known as the Fairfax Logistics Center.

In late 2019 and January 2020, the monitoring well network was re-established by installing 17 monitoring wells, including an off-site clustered well set at the GM LLC Fairfax Assembly Plant southeast of the site to investigate the area down-gradient of Area of Concern TMW-127.

2.3 Geology and Hydrogeology

The site is located in the floodplain of the Missouri River. Underlying geology typically consists of an upper layer of silty clay ranging in thickness from approximately 7 to 15 feet (ft). This silty clay is underlain by fine to medium sands to depths of 25 to 40 ft below ground surface (bgs), which grade into medium to coarse sands with some gravel and clay interbeds to depths of 60 to 80 ft bgs. This interbedded layer is underlain by medium to coarse sands and gravels to the top of the bedrock at approximately 102 to 117 ft bgs. The present Missouri River channel follows a deeper valley cut into the bedrock by the ancestral Missouri River. Depth to groundwater generally ranges from 20 to 25 ft bgs but greater variation has occurred.

Groundwater at the regional scale flows predominantly from the topographic upland area southwest of the site (Figure 1) towards the Missouri River Floodplain. The groundwater table within the flood plain is relatively flat and is in

hydraulic connection with the Missouri River. Variability in Missouri River stage elevation causes variability in groundwater flow directions at the site. Groundwater flow directions periodically reverse from being northeasterly towards the Missouri River under low river stage conditions to being southeasterly toward downstream portions of the Missouri River under high river stage conditions.

3. Groundwater Monitoring Activities

Groundwater monitoring activities were performed from July 15, 2024, through July 18, 2024. The monitoring network includes 26 monitoring wells. Well construction details are provided in Table 1.

Groundwater in three zones within the underlying aquifer is monitored for VOCs. Monitoring wells for each zone are described below:

- Shallow aquifer: MW-1A, MW-110A, MW-124A, TMW-146, MW-200 through MW-203, and MW-204A through MW-208A
- Intermediate aquifer: MW-1B, MW-124B, MW-146B, and MW-204B through MW-208B.
- Deep aquifer: MW-1C, MW-146C, MW-206C, MW-207C, and MW-208C.

Shallow groundwater in the vicinity of AOC TMW-130 is also monitoring for petroleum hydrocarbons and naphthalene to monitor the effectiveness of removing petroleum-impacted soils from this AOC during the 2014 interim measures. This includes monitoring wells TMW-146 and MW-207A.

3.1 General Site Conditions

GHD inspected the outer protective covers, well casings, and well caps for each monitoring well in the network for signs of damage. Each monitoring well was found to be in good condition, with the exception of MW-202. The well casing for this well was found to be partially obstructed, and the submersible pump could not fit down the well casing.

3.2 Groundwater Elevation Data Collection

Prior to collecting groundwater samples, GHD measured the depth to fluid and total depth in each groundwater monitoring well using an oil-water interface probe. Measurements and observations were recorded digitally on an iPad to the nearest 0.01 foot. Field documents are provided in Appendix A. Measuring devices were decontaminated with a solution of Alconox™ and distilled water and rinsed with distilled water prior to use in each monitoring well. The recorded measurements from 2020 through 2024 are summarized in Table 2.

3.3 Monitoring Well Sampling Activities

Prior to sampling, each well was purged using either low flow purging (LFP) methods or manual techniques using a check valve attached to the end of polyethylene tubing. The monitoring wells in the TMW-130 area have been historically accessible by vehicle, but were inaccessible due to overgrown vegetation and fire risk. As a result, these wells were purged by removing three well screen volumes with a check valve attached to polyethylene tubing. These wells include TMW-146, MW-146B, MW-146C, MW-207A, MW-207B, and MW-207C.

For wells sampled using LFP, a pre-cleaned stainless-steel submersible pump was positioned in each well so that the pump intake was set at the mid-point of the well screen. During LFP, the pumping rate was maintained between 100 and 500 milliliters per minute (mL/min). During purging, the groundwater level was measured, and the flow rate adjusted to maintain a maximum 0.4 foot (0.1 m) of drawdown. Field parameters of the purged water, including pH, temperature, specific conductance, oxidation reduction potential (ORP), dissolved oxygen (DO) and turbidity, were monitored with a calibrated HANNA water quality meter. The field measurements were recorded at approximate

5-minute intervals. For wells purged with check valves and dedicated polyethylene tubing, GHD collected field measurements at regular intervals.

Groundwater stabilization was considered achieved when three consecutive readings for each of the field parameters, measured at 5-minute intervals, were within the following limits:

Table 3.1 *Stabilization Criteria*

Parameter	Stabilization Limit
pH	±0.1 pH units of the average value of the three readings
Temperature	±3 percent of the average value of the three readings
Conductivity	±0.005 milliSiemens per centimeter (mS/cm) of the average value of the three readings of <1 mS/cm - or - ±0.01 mS/cm of the average value of the three readings for of >1 mS/cm
ORP	±10 millivolts (mV) of the average value of the three readings
DO	±10 percent of the average value of the three readings
Turbidity	Visually clear

Once the purging was complete, GHD collected groundwater samples from the monitoring wells directly into laboratory-supplied containers, blind-labeled the sample containers with unique sample identifications, and placed the containers in a laboratory-supplied cooler with ice to maintain a sample temperature of no more than 4°C. The samples were hand-delivered under chain-of-custody protocols to a Pace Analytical Services, Inc. (Pace) laboratory located in Lenexa, KS.

3.4 Quality Control Samples

GHD collected two blind-labeled duplicate samples for laboratory analysis. The duplicate samples were collected from MW-200 and MW-204A. GHD also collected one matrix spike/matrix duplicate (MS/MSD) sample from MW-204B. In addition, one trip blank per cooler of samples was stored, transported, and analyzed with the groundwater monitoring samples.

3.5 Laboratory Analytical Methods

Pace analyzed the groundwater samples for the following parameters using the following specified laboratory methods:

- VOCs by SW-846 Method 8260B – All samples
- Total Petroleum Hydrocarbons (TPH) - Low-Range Hydrocarbons (LRH) by Kansas Method KS LRH – TMW-146 and MW-207A
- TPH - Mid-Range Hydrocarbons (MRH)/High-Range Hydrocarbons (HRH) by Kansas Method KS MRH/HRH – TMW-146 and MW-207A

4. Groundwater Monitoring Results

4.1 Groundwater Elevation Results

On July 15, 2024, depth to groundwater in monitoring wells screened in the shallow aquifer ranged from 14.69 ft below top of casing (btoc) (MW-202) to 19.35 ft btoc (MW-124A). Groundwater elevations ranged from 727.82 ft above mean

sea level (amsl) (MW-208A) to 729.27 ft amsl (MW-202) and have increased 7.54 ft, on average, since the last monitoring event. Based on the groundwater elevations, the groundwater in the shallow aquifer flowed to the southeast across the site toward downstream portions of the Missouri River at a gradient of less than 0.01 ft/ft as shown on Figure 3. This is consistent with the gradient in July 2023, but the gradient has historically varied between southeast and northeast depending upon the stage of the Missouri River.

The depth to groundwater in monitoring wells screened in the intermediate aquifer ranged from 15.61 ft btoc (MW-206B) to 19.30 ft btoc (MW-124B). Groundwater elevations ranged from 727.84 ft amsl (MW-208B) to 729.22 ft amsl (MW-206B) and have increased 7.65 ft, on average, since the last monitoring event. Based on the groundwater elevations, the groundwater in the intermediate aquifer flowed to the southeast towards downstream portions of the Missouri River at a gradient of less than 0.01 ft/ft as shown on Figure 4. This is consistent with the gradient in July 2023, but the gradient has historically varied between southeast and northeast depending upon the stage of the Missouri River.

The depth to groundwater measurements in wells screened in the deep aquifer ranged from 15.65 ft btoc (MW-MW-206C) to 20.79 ft btoc (MW-207C). Groundwater elevations ranged from 725.78 ft btoc (MW-207C) to 729.21 ft btoc (MW-206C) and have increased 7.20 ft, on average, since the previous monitoring event. Based on the groundwater elevations, groundwater in the deep aquifer flows to the southwest towards downstream portions of the Missouri River at a gradient of less than 0.01 ft/ft as shown on Figure 5. This is consistent with the gradient in July 2023, but the gradient has historically varied between southeast and northeast depending upon the stage of the Missouri River.

4.2 Laboratory Analytical Results

Laboratory analytical reports provided by Pace are provided in Appendix B. The data are summarized in Table 3 and includes data from 2020 through 2024.

For discussion, the analytical results were compared to Tier 2 chemical-specific risk-based cleanup levels published by KDHE in Appendix A of Risk-based Standards for Kansas RSK Manual – 5th Version (RSK) October 2010 (KDHE 2010) updated September 2015. The results were compared to the non-residential scenario, which is the current and anticipated future land use scenario for the property.

The laboratory analytical results for the samples collected during the 2024 long-term groundwater monitoring event indicate the concentrations of the contaminants of concern (COCs) were less than their respective Tier 2 RSK standard with the exceptions of trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), and vinyl chloride (VC).

TCE was detected above the Tier 2 RSK standard of 0.005 mg/L in the sample and duplicate collected from MW-204A (0.00913 mg/L parent, 0.00924 mg/L duplicate). TCE was detected at concentrations below the Tier 2 RSK standard in samples collected from MW-110A, MW-204B, and MW-205A.

Cis-1,2-DCE was detected above the Tier 2 RSK standard of 0.07 mg/L in the samples collected from MW-146B (0.0907 mg/L). Cis-1,2-DCE was detected at concentrations below the Tier 2 RSK standard in samples collected from MW-1A, MW-1B, MW-1C, MW-110A, MW-124A, MW-124B, TMW-146, MW-146C, MW-204A, MW-204B, MW-205A, MW-205B, MW-206A, MW-206B, MW-207A, MW-207B, MW-207C, MW-208B, and MW-208C.

VC concentrations were detected above the Tier 2 RSK standard of 0.002 mg/L in the groundwater samples collected from MW-1B (0.0211 mg/L), TMW-146 (0.00846 mg/L), MW-146B (0.00283 mg/L), MW-206A (0.00213 mg/L), MW-206B (0.00527 mg/L), and MW-207B (0.00481 mg/L). VC was detected at concentrations below the Tier 2 RSK standard in samples collected from MW-204B and MW-205B.

All other analytes detected in groundwater samples during this event were at concentrations less than their respective Tier 2 standards or less than laboratory detection limits.

Petroleum hydrocarbons (LRH, MRH, and HRH) were less than laboratory reporting limits in the groundwater samples collected from monitoring wells TMW-146 and MW-207A in the TMW-130A Area, except MRH in the sample from

TMW-146 (0.18 mg/L) which was below the KDHE Tier 2 RSK standard of 0.40 mg/L. Naphthalene exceeded the KDHE Tier 2 RSK standard of 0.00211 mg/L in the sample collected from monitoring well MW-146.

4.3 Quality Control Sample Analytical Results

Quality assurance criteria which are consistent with guidance and QC procedures established by the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, EPA 540/R-99/008, October 1999, were applied to the analytical data by a GHD project chemist. The evaluation of the data was based upon information obtained from chain-of-custody forms, finished report forms, blank data, duplicate data and recovery data for matrix, laboratory control and surrogate spikes, and based on criteria established in the site quality assurance project plan (QAPP).

The results of the evaluation are reported in the quality assurance assessment and verification memorandum presented in Appendix C. The data were found to exhibit acceptable levels of accuracy and precision based on the provided information and may be used with qualification as noted in the memorandum.

5. Discussion of Results

For comparison, a summary of historical data collected from the shallow aquifer, intermediate aquifer, and deep aquifer during a quarterly groundwater monitoring program from 2013-2015 is presented on Figure D-1, Figure D-2, and Figure D-3, respectively, in Appendix D. A complete record of historical groundwater analytical results from 1985 to 2015 is presented in Appendix A of the Remedial Alternatives Evaluation Report submitted to KDHE in July 2016.

Figure 6 summarizes the COCs detected in groundwater samples collected from the shallow aquifer. The results indicate that VC and TCE exceeded their respective Tier 2 RSK standards in the shallow aquifer on-site. VC was detected above the Tier 2 RSK standard of 0.002 mg/L in the samples from MW-206A (0.00213 mg/L) and TMW-146 (0.00846 mg/L). Historically, VC has been non-detect in both of these wells, and these detections mark the first time VC has been detected in any quantity in these wells. TCE was detected above the Tier 2 RSK standard of 0.005 mg/L in samples from MW-204A (0.00913 mg/L parent, 0.00924 mg/L duplicate). This well contained concentrations of TCE that were below the Tier 2 RSK standard in 2023 but has historically contained concentrations of TCE that are similar to the 2024 results.

COCs were not detected in the shallow groundwater samples collected from MW-208A above the Tier 2 RSK standard indicating the extent of COCs seasonally down-gradient of the TMW-127 Area in the shallow aquifer is delineated to the clean-up standard to the southeast.

Off-site, PCE was not detected above the Tier 2 RSK standard of 0.005 mg/L in shallow groundwater samples. MW-110A is located off-site to the south and has historically shown a stable, consistent concentration of PCE since 1987, but PCE concentrations were below Tier 2 RSK standards during the 2023 and 2024 sampling events. On-site, PCE was not detected in any samples at a concentration exceeding the Tier 2 RSK standard.

Figure 7 summarizes the COCs detected in groundwater samples from the intermediate aquifer. The analytical results indicate VC and cis-1,2-DCE were the only COCs that exceeded Tier 2 RSK standards in the intermediate aquifer during this groundwater monitoring event.

The VC was reported at concentrations exceeding the Tier 2 RSK standard in samples collected from monitoring wells historically associated with the TMW-127 Area (MW-206B, MW-1B, MW-146B). VC was also reported above the Tier 2 RSK standard in samples collected from MW-207B, which is near the TMW-130 area. The VC reported in samples from MW-1B have been greater than the Tier 2 RSK standard in the past six events but were historically below the standard. The concentrations of VC in intermediate groundwater samples collected from MW-146B and MW-206B are consistent with historical data from the last four years. Although VC was not detected in samples from MW-207B in

2023, VC was detected at concentrations above the Tier 2 RSK standard in samples collected from this well in 2024. The VC concentrations reported in MW-207B for 2024 are consistent with historical data.

VC was not detected in samples collected from MW-124B in 2024. This well has seen fluctuations in VC concentration, with VC being detected above the Tier 2 RSK standard in 2021 and 2023 but not detected in 2020 and 2022.

The concentration of cis-1,2-DCE in intermediate groundwater samples collected from MW-146B in 2024 was reported above the Tier 2 RSK standard. This marks the fifth consecutive monitoring event where cis-1,2 DCE was reported at concentrations above the Tier 2 RSK standard for this well. Cis-1,2-DCE was historically reported at concentrations below the Tier 2 standard in samples from MW-146B prior to redevelopment.

COCs were not detected in samples collected from the down-gradient well MW-208B, with the exception of an estimated concentration of cis-1,2-DCE below the Tier 2 RSK standard, indicating the extent of COCs above the Tier 2 RSK standards in the intermediate aquifer down-gradient of the TMW-127 Area is delineated within the site boundaries.

Figure 8 summarizes COCs detected in groundwater samples collected from the deep aquifer. The laboratory results indicate that no COCs were detected at levels above the Tier 2 RSK standards in any of the deep wells. MTBE and cis-1,2-DCE were detected at concentrations below their respective Tier 2 RSK standard in the samples from the off-site deep monitoring well MW-208C down-gradient (seasonally) from the TMW-127 Area. This is consistent with previously reported data and indicates that the extent of COCs above the Tier 2 RSK standards in the deep aquifer down-gradient of the TMW-127 Area is delineated within the site boundaries.

GHD reviewed the last 5 years of groundwater monitoring data. The data show that COCs were consistently above their respective Tier 2 RSK standards in samples from seven monitoring wells as shown in the following table:

Table 5.1 *Chemicals of Concern exceeding Criteria*

Well Identification	Chemical of Concern
MW-1B	VC
MW-110 (off-site)	PCE
MW-124B	VC
MW-146B	VC, cis-1,2-DCE
MW-204A	TCE
MW-206B	VC
MW-207B	VC

GHD graphed the last five years of COC concentrations for each of the seven wells with consistent chlorinated VOCs to determine concentrations trends. The graphs are presented in Appendix C and show declining trends for each COC, with the exception of VC at MW-1B, cis-1,2-DCE at MW-146B and VC at MW-206B. The COCs present in groundwater at the site that exceed Tier 2 RSK standards consist primarily of daughter products from the break-down of chlorinated solvents, with the exception of naphthalene at MW-146, indicating that natural attenuation is still occurring at the site. The PCE reported at MW-110 is from an off-site source.

6. 5-Year Review

The corrective action plan (CAP) for the site, approved by KDHE in a letter dated September 19, 2018, specifies that a 5-year review will be completed after five years of long-term monitoring to determine whether the remedy at the site remains protective of human health and the environment.

The remedy selected for the site includes the following components:

- Environmental Use Controls (EUCs) prohibiting:
 - residential land use
 - water wells for domestic purposes, lawn and gardening, or other uses which would involve human consumption or contact
 - excavation of soils, unless conducted in accordance with the approved soil and waste management plan.
- Interim measures (completed in 2013 and 2014) consisting of excavation of impacted source area soils in the MW-103A Area and the TMW-130 Area
- Engineering controls consisting of buildings, parking lots and roadways that were built during redevelopment activities from 2013 to 2017 over the S-8 Area, SB-110 Area, and MW-103A Area.
- Long-term monitoring of site-wide groundwater.

5-year reviews typically answer three primary questions:

1. Is the remedy functioning as intended by the decision documents?
2. Are the exposure assumptions, toxicity data, cleanup levels and remedial action objectives used at the time of the remedy selection still valid?
3. Has any other information come to light that could call into question the protectiveness of the remedy.

The remedy is functioning as intended. EUC inspections have been completed annually and submitted to KDHE. The inspections document that property parcels at the site are used for industrial purposes or are vacant, no water wells have been installed at the site, and no excavations have been conducted.

Engineering controls consisting of buildings, parking lots and roadways continue to act as impermeable structures over potential residual soil impacts at parts of the site, effectively acting as barriers to prevent direct contact with impacted soils and prevents infiltration of precipitation.

Long-term monitoring has been performed according to the schedule in the CAP. The monitoring data show that, in general, the footprint of impacted groundwater has remained unchanged over the last five years. The COCs present in groundwater at the site that exceed Tier 2 RSK standards consist primarily of daughter products from the break-down of chlorinated solvents, indicating that natural attenuation is still occurring at the site.

The exposure assumptions, toxicity data, cleanup levels and remedial action objectives used at the time of the remedy selection are still valid. The soil exposure assumptions are unchanged from the CAP. Soil impacts were excavated from known source areas during interim measures in 2013-2014, leaving only residual soil impacts at depth. Engineering controls and EUCs continue to prevent exposure to those residual soils. The groundwater exposure assumptions are unchanged. GHD searched the Kansas Geological Survey water well completion database and found no new water wells were installed at or near the site. This is also documented in the annual EUC inspections. No groundwater exposure pathways are present at the site. The KDHE's "Risk-based Standards for Kansas (RSK) Manual" was updated in July 2021, but toxicity data and cleanup levels for the COCs at the site were not changed.

The remedial action objectives established for the site are:

- Provide protection of public health and the environment
- Comply with applicable local, state, and federal regulations
- Mitigate or eliminate the AOCs
- Provide practical, cost-effective remediation
- Utilize remedies which may be completed in a short time frame, where applicable.

These remedial action objectives are still valid. The remedy is protection of public health and the environment and comply with applicable local, state, and federal regulations. AOCs S8 and SB-110 were mitigated by a combination of EUCs and capping with buildings and parking lots; AOCs MW-103A and TMW-130 were mitigated by a combination of

EUCs and interim measures excavation; and AOC TMW-127 and site-wide groundwater impacts are being mitigated by a combination of EUCs and long-term monitoring of natural attenuation.

GHD and RACER are not aware of other information that has come to light that could call into question the protectiveness of the remedy.

The 5-year review presented above indicates the remedy at the site remains protective of human health and the environment.

7. Conclusions and Recommendations

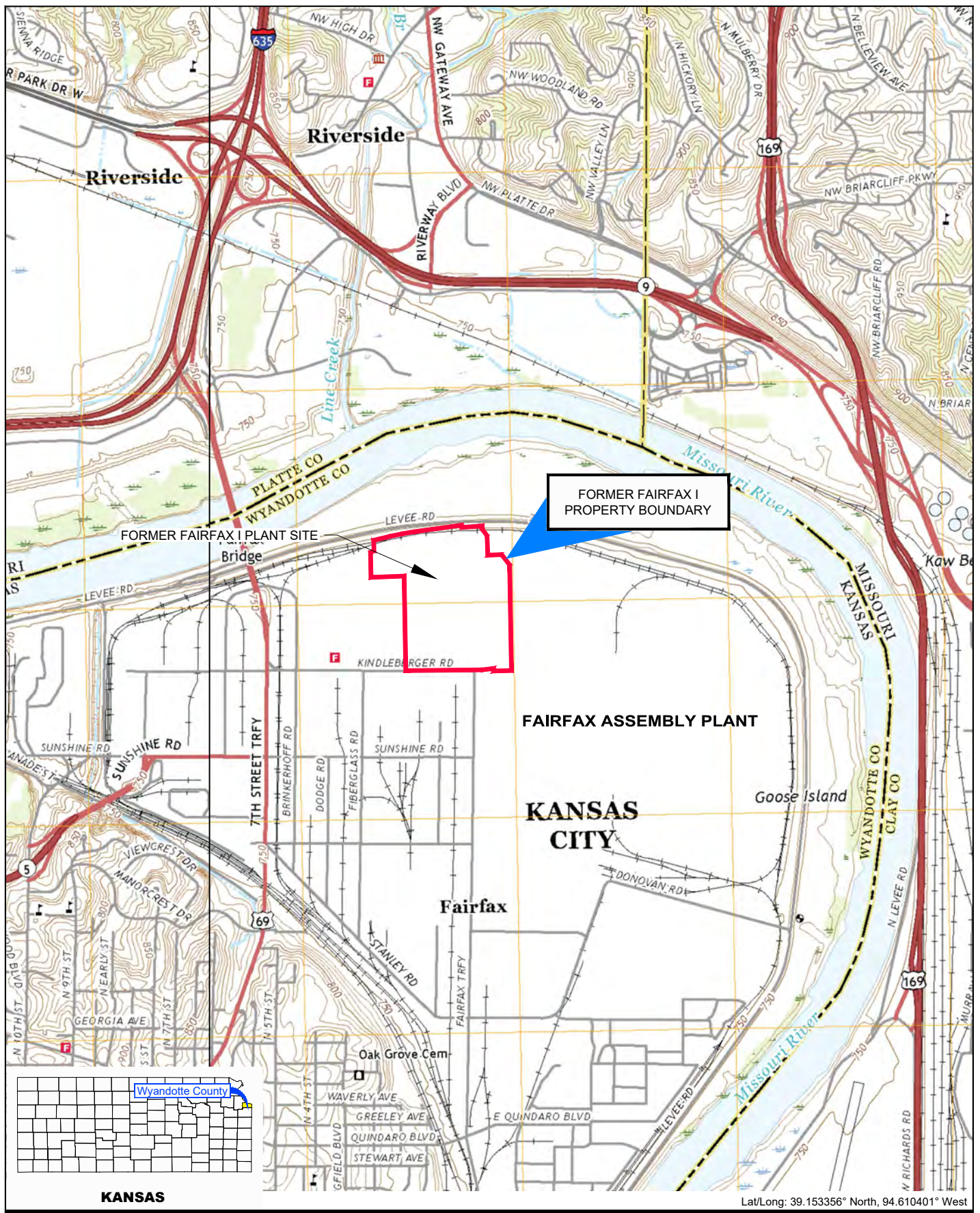
Long-term monitoring activities were completed in accordance with the KDHE-approved Long-Term Monitoring Plan. The laboratory analytical results for samples collected from the monitoring wells are consistent with pre-redevelopment conditions, with the exception of samples collected from TMW-146 and MW-206A during the 2024 sampling event. Both of these wells contained VC at concentrations exceeding the Tier 2 RSK standard during the 2024 sampling event. This is the first event that VC has been reported in samples from these wells and could be attributable to the 7.5 feet fluctuation of groundwater since the last event.

The extent of VC has been delineated down-gradient to the southeast of the TMW-127 Area in the shallow and intermediate aquifers as demonstrated by no VC detections in samples from shallow monitoring well MW-208A, intermediate monitoring well MW-208B and deep monitoring well MW-208C; however, low concentrations of other COCs below the KDHE Tier 2 RSK cleanup standards were reported in the groundwater samples from off-site monitoring well MW-208B (cis-1,2 DCE) and MW-208C (MTBE and cis-1,2-DCE). VC was not reported in the sample from MW-208C for the fourth consecutive sampling event.

Concentrations of VC in MW-1B increased from 0.0025 mg/L in January 2020 to 0.0211 mg/L in July 2024. This increase is attributable to the ongoing natural attenuation of chlorinated compounds at the site.

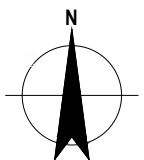
The 5-year review presented above indicates the remedy at the site remains protective of human health and the environment. In an effort to preserve the funds in the trust reserved for remediation of the site, and recognizing that laboratory data collected over the last four years of monitoring demonstrates that COCs in groundwater at several monitoring well locations are below laboratory detection limits and/or Tier 2 RSK standards, GHD recommends continued implementation of the long-term groundwater monitoring plan with modifications. GHD recommends reducing the sampling frequency of the 10 monitoring wells listed in Table 4 from annual to biennial. These wells would be gauged annually for depth to groundwater to monitor site-wide groundwater flow direction, but be sampled biennially for COCs in 2026 and 2028 prior to the next 5-year review in 2029. The remaining 16 of the 26 monitoring wells would continue to be sampled annually. The next long-term groundwater monitoring event is anticipated in July 2025.

Figures



0 1000 2000 ft
1" = 2000 ft

Coordinate System:
NAD 1983 (2011) StatePlane-
Kansas North (US Feet)

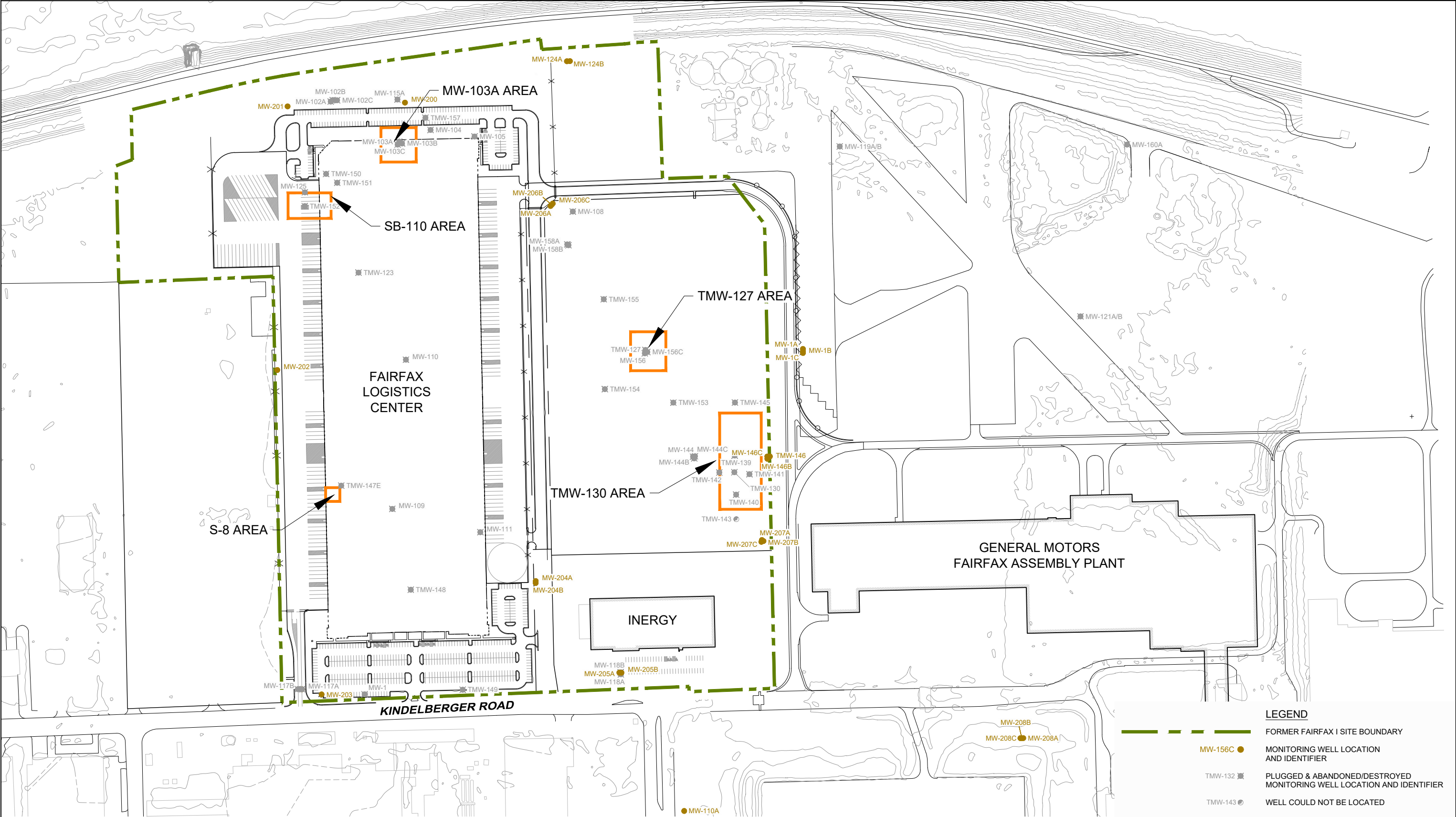


LONG-TERM GROUNDWATER MONITORING REPORT
FORMER FAIRFAX I SITE
KANSAS CITY, KANSAS

Project No. 12603810
Date August 2024

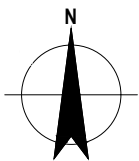
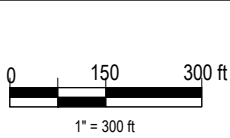
SITE LOCATION MAP

FIGURE 1



- LEGEND**
- FORMER FAIRFAX I SITE BOUNDARY
 - MONITORING WELL LOCATION AND IDENTIFIER
 - PLUGGED & ABANDONED/DESTROYED MONITORING WELL LOCATION AND IDENTIFIER
 - WELL COULD NOT BE LOCATED

NOTE:
MONITORING WELLS LOCATED ON GM, LLC PROPERTY:
MW-1A, MW-1B, MW-1C MW-208A, MW-208B, MW-208C,
AND MW-110A.

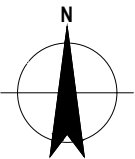
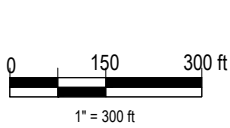
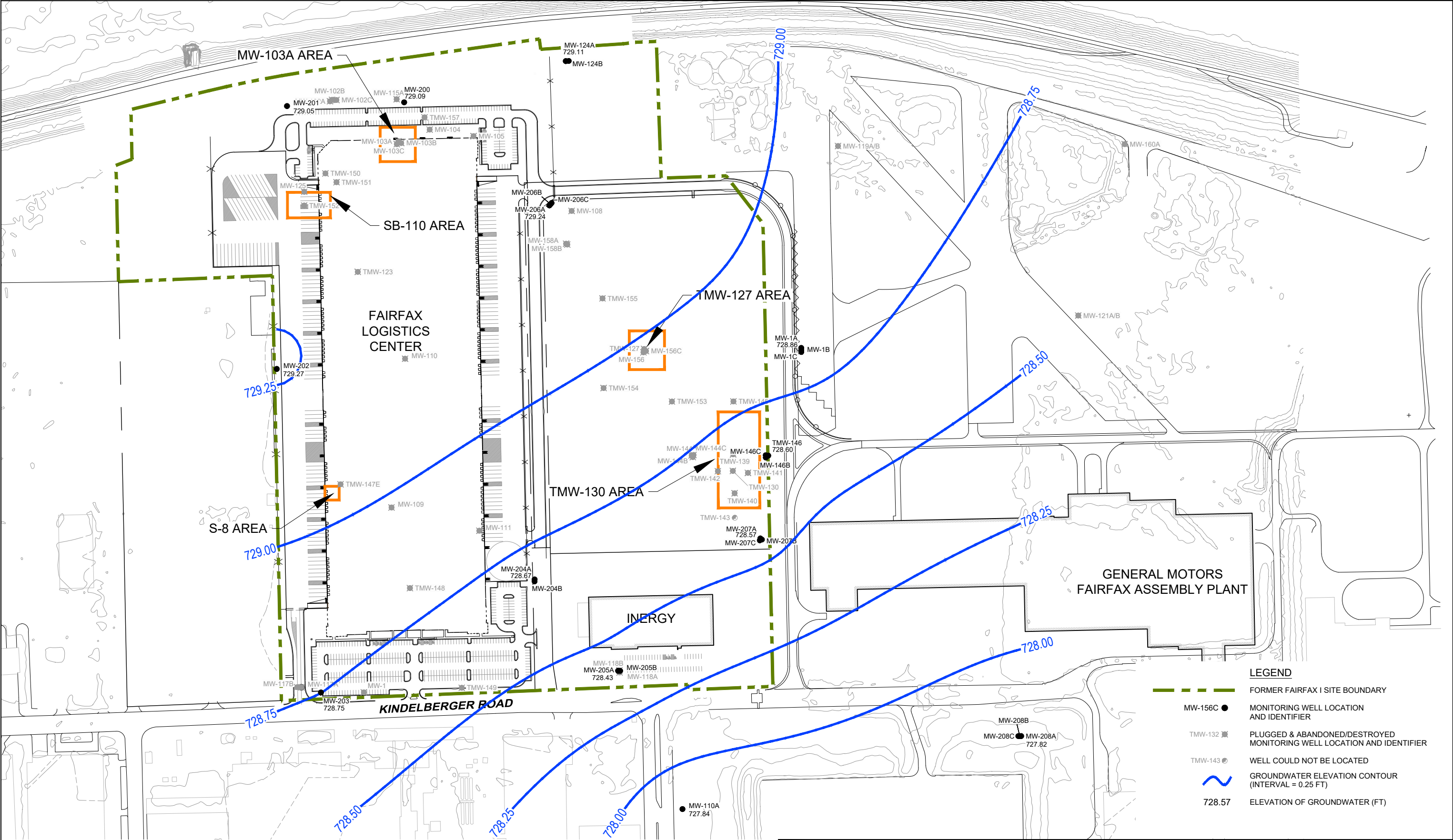


LONG-TERM GROUNDWATER MONITORING REPORT
FORMER FAIRFAX I SITE
KANSAS CITY, KANSAS

Project No. 12603810
Date August 2024

SITE MAP

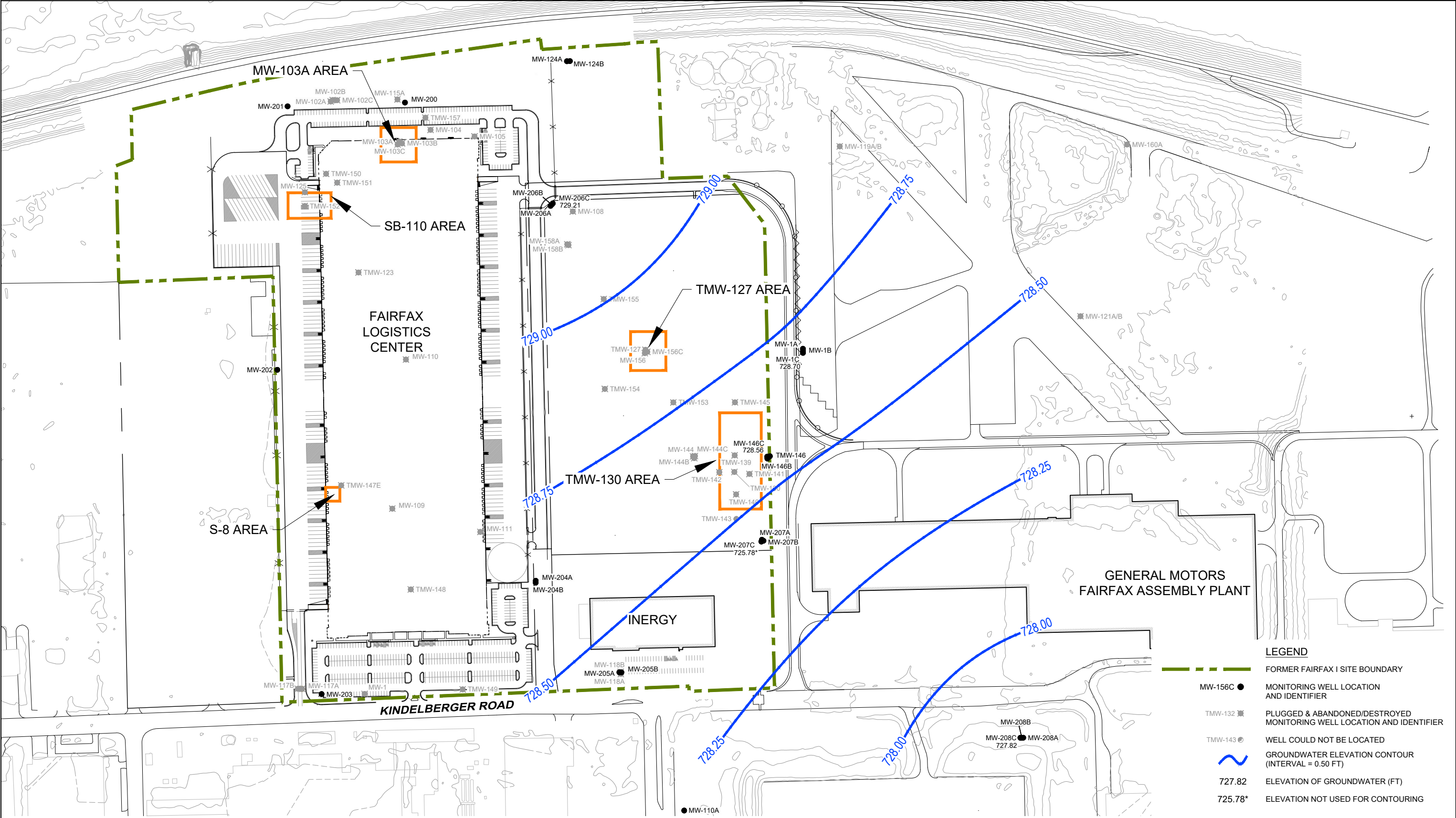
FIGURE 2



LONG-TERM GROUNDWATER MONITORING REPORT
FORMER FAIRFAX I SITE
KANSAS CITY, KANSAS
GROUNDWATER CONTOURS -
SHALLOW AQUIFER
JULY 2024

Project No. 12603810
Date August 2024

FIGURE 3



NOTES:

1. GROUNDWATER GRADIENT WAS CALCULATED TO BE <0.01 FT/FT.
2. MONITORING WELLS LOCATED ON GM, LLC PROPERTY: MW-1A, MW-1B, MW-1C MW-208A, MW-208B, MW-208C, AND MW-110A.
3. THE GROUNDWATER ELEVATION FOR MW-207C WAS NOT USED TO CALCULATE CONTOURS DUE TO A DISCREPANCY IN THE GAUGING DATA.

0150300ft

1" = 300 ft

N

GHD

LONG-TERM GROUNDWATER MONITORING REPORT
FORMER FAIRFAX I SITE
KANSAS CITY, KANSAS

GROUNDWATER ELEVATION CONTOURS
- DEEP AQUIFER JULY 2023

Project No. 12603810
Date September 2024

FIGURE 5

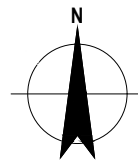
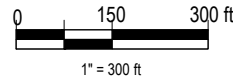


NOTES:

1. YELLOW SHADED CELLS INDICATE EXCEEDANCE OF NON-RESIDENTIAL TIER 2 SCREENING LEVEL/GROUNDWATER PATHWAY.
2. CONCENTRATIONS IN PARTS PER MILLION.

NOTES:

1. ONLY DETECTED ANALYTES SHOWN.
2. MONITORING WELLS LOCATED ON GM, LLC PROPERTY: MW-1A, MW-1B, MW-1C MW-208A, MW-208B, MW-208C, AND MW-110A.

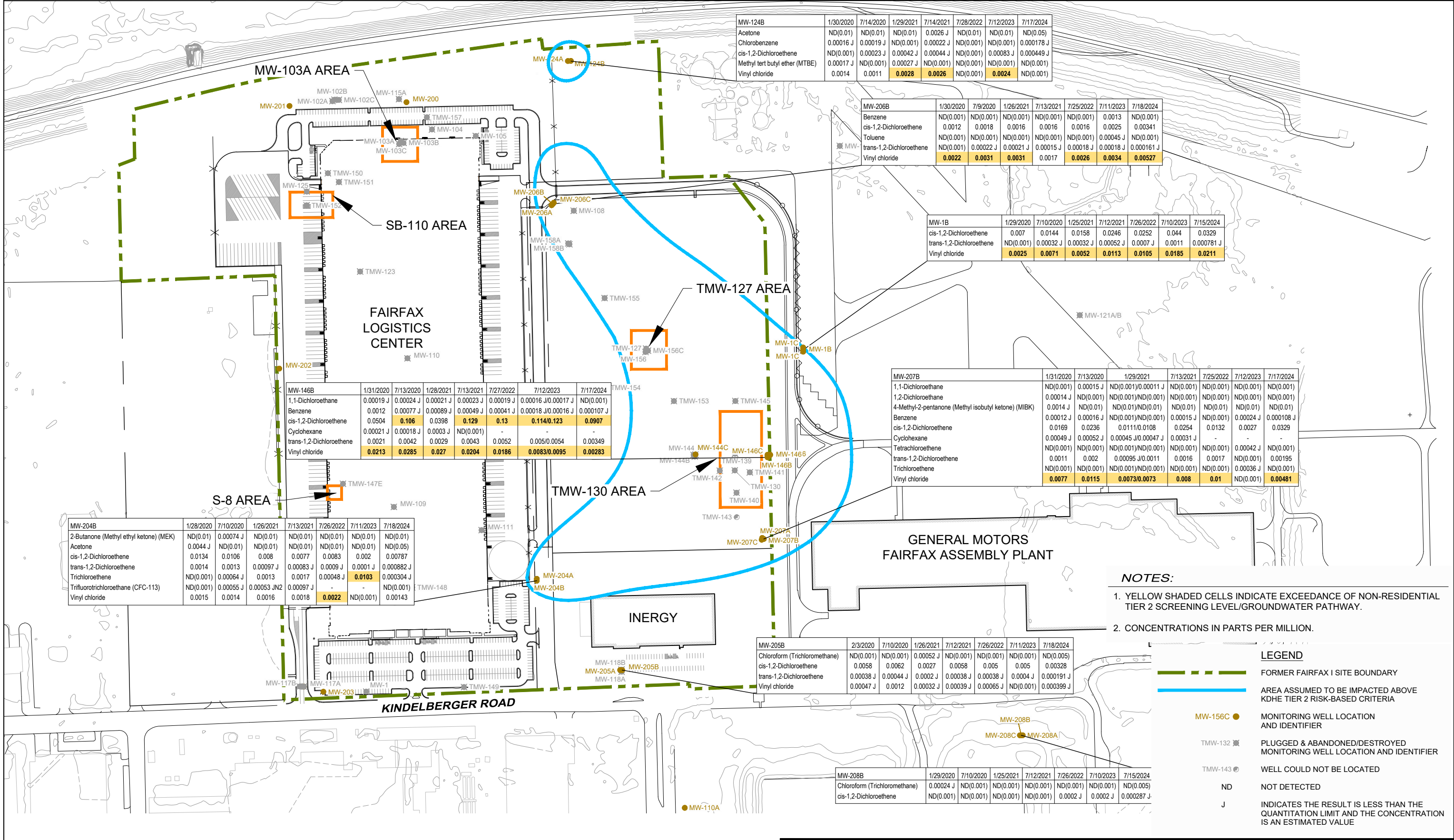


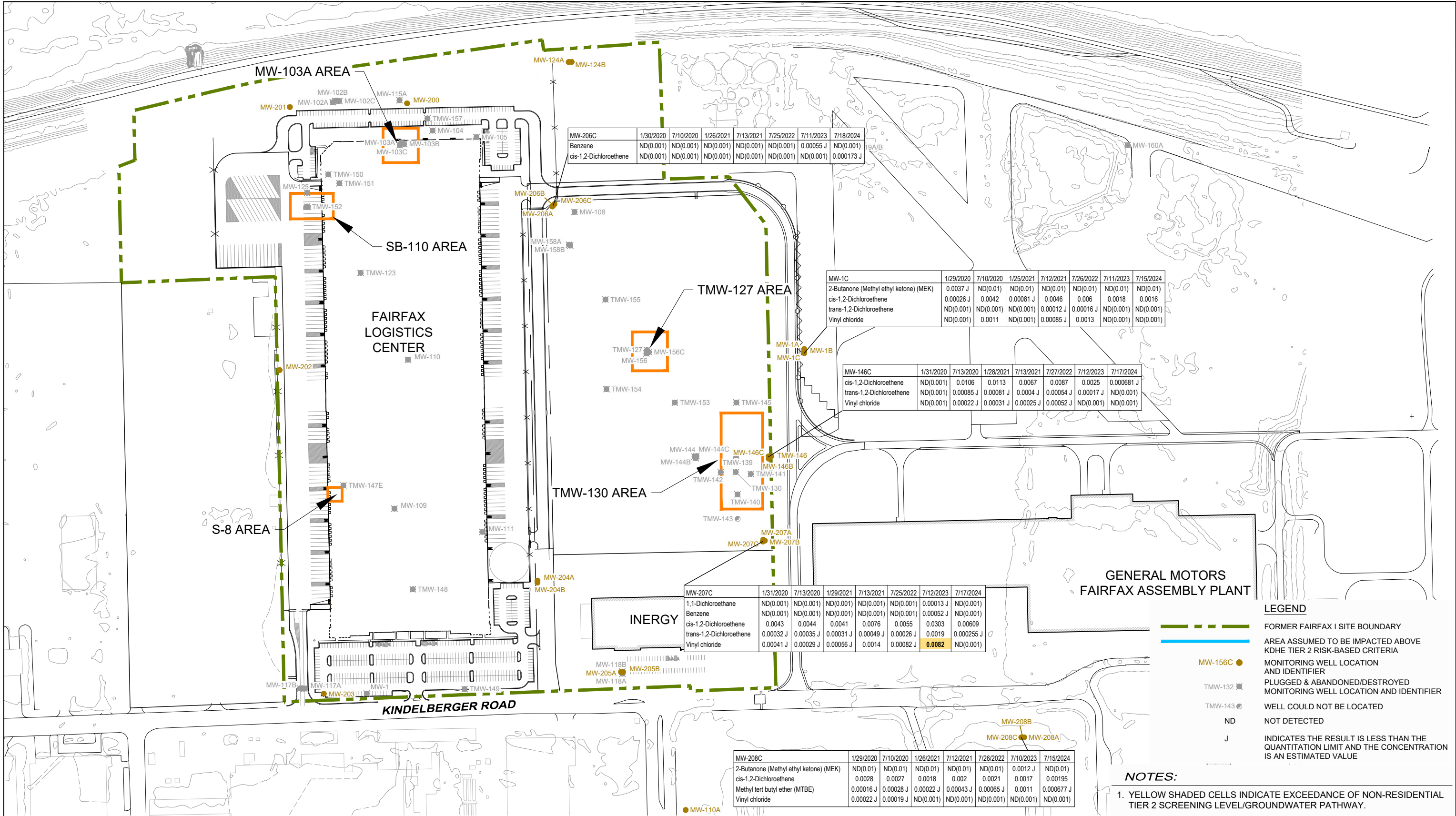
LONG-TERM GROUNDWATER MONITORING REPORT
FORMER FAIRFAX I SITE
KANSAS CITY, KANSAS

ANALYTICAL RESULTS IN
SHALLOW AQUIFER

Project No. 12603810
Date September 2024

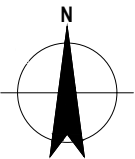
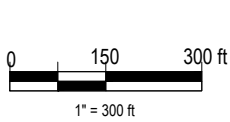
FIGURE 6





NOTES:

- ONLY DETECTED ANALYTES SHOWN.
- MONITORING WELLS LOCATED ON GM, LLC PROPERTY: MW-1A, MW-1B, MW-1C MW-208A, MW-208B, MW-208C, AND MW-110A.



LONG-TERM GROUNDWATER MONITORING REPORT
FORMER FAIRFAX I SITE
KANSAS CITY, KANSAS

ANALYTICAL RESULTS IN
DEEP AQUIFER

Project No. 12603810
Date August 2024

FIGURE 8

Tables

Table 1

**Monitoring Well Construction Details
Former Fairfax I Site
Kansas City, Kansas**

Monitoring	Area of	Designation	Completion	Completion	Well	Screen Top	Screen Bottom
Well	Concern		Type	Date	Material ¹	(ft bgs) ²	(ft bgs)
MW-1A	Perimeter	Shallow	Stick-up	3/27/1985	PVC	15.0	35.0
MW-1B	Perimeter	Intermediate	Stick-up	3/27/1985	PVC	65.0	85.0
MW-1C	Perimeter	Deep	Stick-up	4/1/1985	PVC	87.0	107.0
MW-110A	Off-Site	Shallow	Stick-up	--	PVC	--	--
MW-124A	NA	Shallow	Stick-up	11/10/2006	PVC	25.0	35.0
MW-124B	NA	Intermediate	Stick-up	11/10/2006	PVC	50.0	60.0
TMW-146	TMW-130	Shallow	Stick-up	10/30/2007	PVC	19.0	29.0
MW-146B	TMW-130	Intermediate	Stick-up	5/15/2013	PVC	49.7	59.7
MW-146C	TMW-130	Deep	Stick-up	5/15/2013	PVC	79.9	89.9
MW-200	MW-103A	Shallow	Flush Mount	9/12/2019	PVC	17.0	27.0
MW-201	SB-110	Shallow	Flush Mount	9/11/2019	PVC	17.0	27.0
MW-202	S-8	Shallow	Flush Mount	9/19/2019	PVC	17.0	27.0
MW-203	Perimeter	Shallow	Flush Mount	9/13/2019	PVC	17.0	27.0
MW-204A	S-8	Shallow	Flush Mount	9/12/2019	PVC	17.0	27.0
MW-204B	S-8	Intermediate	Flush Mount	9/13/2019	PVC	50.0	60.0
MW-205A	S-8, perimeter	Shallow	Flush Mount	9/18/2019	PVC	17.0	27.0
MW-205B	S-8, perimeter	Intermediate	Flush Mount	9/18/2019	PVC	50.0	60.0
MW-206A	TMW-103A, TMW-127	Shallow	Flush Mount	9/11/2019	PVC	17.0	27.0
MW-206B	TMW-103A, TMW-127	Intermediate	Flush Mount	9/16/2019	PVC	50.0	60.0
MW-206C	TMW-103A, TMW-127	Deep	Flush Mount	9/17/1919	PVC	80.0	90.0
MW-207A	TMW-127, TMW-130	Shallow	Stick-up	9/17/2019	PVC	17.0	27.0
MW-207B	TMW-127, TMW-130	Intermediate	Stick-up	9/18/2019	PVC	50.0	60.0
MW-207C	TMW-127, TMW-130	Deep	Stick-up	9/19/2019	PVC	80.0	90.0
MW-208A	TMW-127, off-site	Shallow	Flush Mount	1/21/2020	PVC	17.0	27.0
MW-208B	TMW-127, off-site	Intermediate	Flush Mount	1/21/1920	PVC	50.0	60.0
MW-208C	TMW-127, off-site	Deep	Flush Mount	1/22/1920	PVC	80.0	90.0

¹-PVC - polyvinyl chloride²-ft bgs - feet below ground surface

-- information not available

**Groundwater Elevation Data
Former Fairfax I Site
Kansas City, Kansas**

Location	Designation	Date	Top of Casing Elevation (Feet amsl)	Depth to Water (Feet)	Total Depth (Feet)	Groundwater Elevation (Feet amsl)
MW-110A	Shallow	1/28/2020	743.890	16.29	36.50	727.60
MW-110A	Shallow	7/9/2020	743.890	15.68	36.50	728.21
MW-110A	Shallow	1/25/2021	744.706	23.56	36.50	721.15
MW-110A	Shallow	7/12/2021	744.706	19.75	36.50	724.96
MW-110A	Shallow	7/25/2022	744.706	22.01	36.50	722.70
MW-110A	Shallow	7/10/2023	744.706	24.05	36.50	720.66
MW-110A	Shallow	7/15/2024	744.706	16.87	36.49	727.84
MW-124A	Shallow	1/28/2020	747.220	21.83	37.08	725.39
MW-124A	Shallow	7/9/2020	747.220	20.59	37.08	726.63
MW-124A	Shallow	1/25/2021	748.464	28.48	37.08	719.98
MW-124A	Shallow	7/12/2021	748.464	23.36	37.08	725.10
MW-124A	Shallow	7/25/2022	748.464	26.48	37.08	721.98
MW-124A	Shallow	7/10/2023	748.464	26.79	37.08	721.67
MW-124A	Shallow	7/15/2024	748.464	19.35	37.10	729.11
MW-124B	Intermediate	1/28/2020	747.150	21.75	61.74	725.40
MW-124B	Intermediate	7/9/2020	747.150	20.83	61.74	726.32
MW-124B	Intermediate	1/25/2021	748.333	28.42	61.74	719.91
MW-124B	Intermediate	7/12/2021	748.333	23.33	61.74	725.00
MW-124B	Intermediate	7/25/2022	748.333	26.44	61.74	721.89
MW-124B	Intermediate	7/10/2023	748.333	26.75	61.74	721.58
MW-124B	Intermediate	7/15/2024	748.333	19.30	61.87	729.03
TMW-146	Shallow	1/28/2020	744.930	18.17	31.24	726.76
TMW-146	Shallow	7/9/2020	744.930	17.26	31.24	727.67
TMW-146	Shallow	1/25/2021	746.132	25.35	31.24	720.78
TMW-146	Shallow	7/12/2021	746.132	21.18	31.24	724.95
TMW-146	Shallow	7/25/2022	746.132	23.51	31.24	722.62
TMW-146	Shallow	7/10/2023	746.132	25.34	31.24	720.79
TMW-146	Shallow	7/15/2024	746.132	17.53	32.14	728.60
MW-146B	Intermediate	1/28/2020	745.440	18.45	62.31	726.99
MW-146B	Intermediate	7/9/2020	745.440	17.52	62.31	727.92
MW-146B	Intermediate	1/25/2021	746.428	25.65	62.31	720.78
MW-146B	Intermediate	7/12/2021	746.428	21.45	62.31	724.98
MW-146B	Intermediate	7/25/2022	746.428	23.81	62.31	722.62
MW-146B	Intermediate	7/10/2023	746.428	25.62	62.31	720.81
MW-146B	Intermediate	7/15/2024	746.428	17.84	62.30	728.59
MW-146C	Deep	1/28/2020	745.730	18.79	94.01	726.94
MW-146C	Deep	7/9/2020	745.730	17.81	94.01	727.92
MW-146C	Deep	1/25/2021	746.617	25.95	94.01	720.67
MW-146C	Deep	7/12/2021	746.617	21.74	94.01	724.88
MW-146C	Deep	7/25/2022	746.617	24.09	94.01	722.53
MW-146C	Deep	7/10/2023	746.617	25.9	94.01	720.72
MW-146C	Deep	7/15/2024	746.617	18.06	92.64	728.56

**Groundwater Elevation Data
Former Fairfax I Site
Kansas City, Kansas**

Location	Designation	Date	Top of Casing Elevation (Feet amsl)	Depth to Water (Feet)	Total Depth (Feet)	Groundwater Elevation (Feet amsl)
MW-1A	Shallow	1/28/2020	745.930	19.22	37.29	726.71
MW-1A	Shallow	7/9/2020	745.930	17.89	37.29	728.04
MW-1A	Shallow	1/25/2021	746.802	26.16	37.29	720.64
MW-1A	Shallow	7/12/2021	746.802	22.77	37.29	724.03
MW-1A	Shallow	7/25/2022	746.802	24.48	37.29	722.32
MW-1A	Shallow	7/10/2023	746.802	25.9	37.29	720.90
MW-1A	Shallow	7/15/2024	746.802	17.94	37.55	728.86
MW-1B	Intermediate	1/28/2020	745.400	18.65	86.93	726.75
MW-1B	Intermediate	7/9/2020	745.400	17.42	86.93	727.98
MW-1B	Intermediate	1/25/2021	746.297	25.71	86.93	720.59
MW-1B	Intermediate	7/12/2021	746.297	21.17	86.93	725.13
MW-1B	Intermediate	7/25/2022	746.297	23.61	86.93	722.69
MW-1B	Intermediate	7/10/2023	746.297	25.62	86.93	720.68
MW-1B	Intermediate	7/15/2024	746.297	17.52	87.26	728.78
MW-1C	Deep	1/28/2020	746.130	19.29	107.27	726.84
MW-1C	Deep	7/9/2020	746.130	18.06	107.27	728.07
MW-1C	Deep	1/25/2021	746.715	26.2	107.27	720.52
MW-1C	Deep	7/12/2021	746.715	22.02	107.27	724.70
MW-1C	Deep	7/25/2022	746.715	24.44	107.27	722.28
MW-1C	Deep	7/10/2023	746.715	26.07	107.27	720.65
MW-1C	Deep	7/15/2024	746.715	18.02	107.15	728.70
MW-200	Shallow	1/28/2020	744.523	17.48	26.97	727.04
MW-200	Shallow	7/9/2020	744.523	16.67	26.97	727.85
MW-200	Shallow	1/25/2021	744.523	24.42	26.97	720.10
MW-200	Shallow	7/12/2021	744.523	19.34	26.97	725.18
MW-200	Shallow	7/25/2022	744.523	22.74	26.97	721.78
MW-200	Shallow	7/10/2023	744.523	22.76	26.97	721.76
MW-200	Shallow	7/15/2024	744.523	15.43	26.98	729.09
MW-201	Shallow	1/28/2020	746.621	19.96	27.27	726.66
MW-201	Shallow	7/9/2020	746.621	18.72	27.27	727.90
MW-201	Shallow	1/25/2021	746.621	26.52	27.27	720.10
MW-201	Shallow	7/12/2021	746.621	21.41	27.27	725.21
MW-201	Shallow	7/25/2022	746.621	22.44	27.27	724.18
MW-201	Shallow	7/10/2023	746.621	24.69	27.27	721.93
MW-201	Shallow	7/15/2024	746.621	17.57	27.26	729.05

**Groundwater Elevation Data
Former Fairfax I Site
Kansas City, Kansas**

Location	Designation	Date	Top of Casing Elevation (Feet amsl)	Depth to Water (Feet)	Total Depth (Feet)	Groundwater Elevation (Feet amsl)
MW-202	Shallow	1/28/2020	743.964	16.07	27.21	727.89
MW-202	Shallow	7/9/2020	743.964	15.18	27.21	728.78
MW-202	Shallow	1/25/2021	743.964	23.06	27.21	720.90
MW-202	Shallow	7/12/2021	743.964	18.55	27.21	725.41
MW-202	Shallow	7/25/2022	743.964	21.18	27.21	722.78
MW-202	Shallow	7/10/2023	743.964	22.37	27.21	721.59
MW-202	Shallow	7/15/2024	743.964	14.69	27.24	729.27
MW-203	Shallow	1/28/2020	744.392	15.80	26.90	728.59
MW-203	Shallow	7/9/2020	744.392	15.15	26.90	729.24
MW-203	Shallow	1/25/2021	744.392	23.12	26.90	721.27
MW-203	Shallow	7/12/2021	744.392	19.06	26.90	725.33
MW-203	Shallow	7/25/2022	744.392	21.41	26.90	722.98
MW-203	Shallow	7/10/2023	744.392	23.18	26.90	721.21
MW-203	Shallow	7/15/2024	744.392	15.64	26.91	728.75
MW-204A	Shallow	1/28/2020	745.764	17.28	27.27	728.48
MW-204A	Shallow	7/9/2020	745.764	16.39	27.27	729.37
MW-204A	Shallow	1/25/2021	745.764	25.6	27.27	720.16
MW-204A	Shallow	7/12/2021	745.764	20.59	27.27	725.17
MW-204A	Shallow	7/25/2022	745.760	22.9	27.27	722.86
MW-204A	Shallow	7/10/2023	745.760	24.72	27.27	721.08
MW-204A	Shallow	7/15/224	745.760	17.09	27.31	728.67
MW-204B	Intermediate	1/28/2020	745.801	17.28	59.81	728.52
MW-204B	Intermediate	7/9/2020	745.801	16.42	59.81	729.38
MW-204B	Intermediate	1/25/2021	745.801	24.54	59.81	721.26
MW-204B	Intermediate	7/12/2021	745.801	20.54	59.81	725.26
MW-204B	Intermediate	7/25/2022	745.801	22.86	59.81	722.94
MW-204B	Intermediate	7/10/2023	745.801	24.72	59.81	721.08
MW-204B	Intermediate	7/15/2024	745.801	17.16	59.69	728.64
MW-205A	Shallow	1/28/2020	744.839	16.38	26.98	728.46
MW-205A	Shallow	7/9/2020	744.839	15.43	26.98	729.41
MW-205A	Shallow	1/25/2021	744.839	23.53	26.98	721.31
MW-205A	Shallow	7/12/2021	744.839	19.70	26.98	725.14
MW-205A	Shallow	7/25/2022	744.839	21.86	26.98	722.98
MW-205A	Shallow	7/10/2023	744.839	23.83	26.98	721.01
MW-205A	Shallow	7/15/2024	744.839	16.41	27.04	728.43

**Groundwater Elevation Data
Former Fairfax I Site
Kansas City, Kansas**

Location	Designation	Date	Top of Casing Elevation (Feet amsl)	Depth to Water (Feet)	Total Depth (Feet)	Groundwater Elevation (Feet amsl)
MW-205B	Intermediate	1/28/2020	744.936	16.55	59.73	728.39
MW-205B	Intermediate	7/9/2020	744.936	15.61	59.73	729.33
MW-205B	Intermediate	1/25/2021	744.936	23.69	59.73	721.25
MW-205B	Intermediate	7/12/2021	744.936	19.87	59.73	725.07
MW-205B	Intermediate	7/25/2022	744.936	22.04	59.73	722.90
MW-205B	Intermediate	7/10/2023	744.936	23.99	59.73	720.95
MW-205B	Intermediate	7/15/2024	744.936	16.61	60.30	728.33
MW-206A	Shallow	1/28/2020	744.849	17.66	26.87	727.19
MW-206A	Shallow	7/9/2020	744.849	16.06	26.87	728.79
MW-206A	Shallow	1/25/2021	744.849	24.43	26.87	720.42
MW-206A	Shallow	7/12/2021	744.849	19.80	26.87	725.05
MW-206A	Shallow	7/25/2022	744.849	22.30	26.87	722.55
MW-206A	Shallow	7/10/2023	744.849	23.33	26.87	721.52
MW-206A	Shallow	7/15/2024	744.849	15.61	26.81	729.24
MW-206B	Intermediate	1/28/2020	744.826	19.16	59.73	725.67
MW-206B	Intermediate	7/9/2020	744.826	16.08	59.73	728.75
MW-206B	Intermediate	1/25/2021	744.826	24.46	59.73	720.37
MW-206B	Intermediate	7/12/2021	744.826	19.79	59.73	725.04
MW-206B	Intermediate	7/25/2022	744.826	22.32	59.73	722.51
MW-206B	Intermediate	7/10/2023	744.826	23.33	59.73	721.50
MW-206B	Intermediate	7/15/2024	744.826	15.61	59.73	729.22
MW-206C	Deep	1/28/2020	744.864	17.76	89.74	727.10
MW-206C	Deep	7/9/2020	744.864	15.99	89.74	728.87
MW-206C	Deep	1/25/2021	744.864	24.46	89.74	720.40
MW-206C	Deep	7/12/2021	744.864	19.83	89.74	725.03
MW-206C	Deep	7/25/2022	744.864	22.42	89.74	722.44
MW-206C	Deep	7/10/2023	744.864	23.34	89.74	721.52
MW-206C	Deep	7/15/2024	744.864	15.65	91.33	729.21
MW-207A	Shallow	1/28/2020	746.622	18.40	30.23	728.22
MW-207A	Shallow	7/9/2020	746.622	17.57	30.23	729.05
MW-207A	Shallow	1/25/2021	746.622	25.65	30.23	720.97
MW-207A	Shallow	7/12/2021	746.622	21.68	30.23	724.94
MW-207A	Shallow	7/25/2022	746.622	23.83	30.23	722.79
MW-207A	Shallow	7/10/2023	746.622	25.77	30.23	720.85
MW-207A	Shallow	7/15/2024	746.622	18.05	30.2	728.57
MW-207B	Intermediate	1/28/2020	746.627	18.38	62.66	728.25
MW-207B	Intermediate	7/9/2020	746.627	17.52	62.66	729.11
MW-207B	Intermediate	1/25/2021	746.627	25.61	62.66	721.02
MW-207B	Intermediate	7/12/2021	746.627	21.64	62.66	724.99
MW-207B	Intermediate	7/25/2022	746.627	23.8	62.66	722.83
MW-207B	Intermediate	7/10/2023	746.627	25.81	62.66	720.82
MW-207B	Intermediate	7/15/2024	746.627	18.09	62.51	728.54

**Groundwater Elevation Data
Former Fairfax I Site
Kansas City, Kansas**

Location	Designation	Date	Top of Casing Elevation (Feet amsl)	Depth to Water (Feet)	Total Depth (Feet)	Groundwater Elevation (Feet amsl)
MW-207C	Deep	1/28/2020	746.571	18.37	92.44	728.20
MW-207C	Deep	7/9/2020	746.571	17.58	92.44	728.99
MW-207C	Deep	1/25/2021	746.571	25.65	92.44	720.92
MW-207C	Deep	7/12/2021	746.571	21.64	92.44	724.93
MW-207C	Deep	7/25/2022	746.571	23.8	92.44	722.77
MW-207C	Deep	7/10/2023	746.571	25.77	92.44	720.80
MW-207C	Deep	7/15/2024	746.571	20.79	92.63	725.78
MW-208A	Shallow	1/28/2020	744.160	15.90	26.66	728.26
MW-208A	Shallow	7/9/2020	744.160	15.47	26.66	728.69
MW-208A	Shallow	1/25/2021	744.160	23.32	26.66	720.84
MW-208A	Shallow	7/12/2021	744.160	19.57	26.66	724.59
MW-208A	Shallow	7/25/2022	744.160	21.68	26.66	722.48
MW-208A	Shallow	7/10/2023	744.160	23.81	26.66	720.35
MW-208A	Shallow	7/15/2024	744.160	16.34	26.66	727.82

**Groundwater Elevation Data
Former Fairfax I Site
Kansas City, Kansas**

Location	Designation	Date	Top of Casing Elevation (Feet amsl)	Depth to Water (Feet)	Total Depth (Feet)	Groundwater Elevation (Feet amsl)
MW-208B	Intermediate	1/28/2020	744.030	15.80	59.39	728.23
MW-208B	Intermediate	7/9/2020	744.030	15.10	59.39	728.93
MW-208B	Intermediate	1/25/2021	744.030	23.2	59.39	720.83
MW-208B	Intermediate	7/12/2021	744.030	19.42	59.39	724.61
MW-208B	Intermediate	7/25/2022	744.030	21.55	59.39	722.48
MW-208B	Intermediate	7/10/2023	744.030	23.67	59.39	720.36
MW-208B	Intermediate	7/15/2024	744.030	16.19	59.41	727.84
MW-208C	Deep	1/28/2020	744.070	15.84	89.89	728.23
MW-208C	Deep	7/9/2020	744.070	15.09	89.89	728.98
MW-208C	Deep	1/25/2021	744.070	23.32	89.89	720.75
MW-208C	Deep	7/12/2021	744.070	19.43	89.89	724.64
MW-208C	Deep	7/25/2022	744.070	21.6	89.89	722.47
MW-208C	Deep	7/10/2023	744.070	23.69	89.89	720.38
MW-208C	Deep	7/15/2024	744.070	16.25	89.98	727.82

Notes

amsl - above mean sea level
TOC - top of casing

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location: Sample ID: Sample Date:			MW-1A WG-012920-NL-005 1/29/2020	MW-1A WG-012920-NL-006 1/29/2020 (Duplicate)	MW-1A WG-071020-NL-009 7/10/2020	MW-1A WG-071020-NL-011 7/10/2020 (Duplicate)	MW-1A WG-012621-NL-006 1/26/2021	MW-1A WG-071221-NL-001 7/12/2021
Parameters	Units	Tier 2 Standard						
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	2.5	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	0.95	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	0.4	--	--	--	--	--	--
SVOCs - SIM								
Naphthalene	mg/L	0.00211	--	--	--	--	--	--
VOCs								
1,1,1-Trichloroethane	mg/L	0.2	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	0.00128	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	0.0461	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	0.007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	0.07	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.0002	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.00005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	0.6	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	0.075	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	11.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2-Hexanone	mg/L	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
4-Methyl-2-pentanone	mg/L	4.17	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acetone	mg/L	45.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzene	mg/L	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	0.08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	0.08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	0.0132	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	1.66	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/L	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	26.4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	0.08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	0.238	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.07	<0.001	<0.001	<0.001	<0.001	0.00037 J	0.00023 J
cis-1,3-Dichloropropene	mg/L	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	14.7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromochloromethane	mg/L	0.08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	0.567	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	0.7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	0.968	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	--	<0.02	<0.02	<0.001	<0.001	<0.001	<0.001
Methyl cyclohexane	mg/L	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl tert butyl ether (MTBE)	mg/L	0.262	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/L	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	mg/L	1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	1.9	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trifluorotrchloroethane (CFC-113)	mg/L	20.3	<0.001	<0.001	<0.001	<0.001	<0.001 N2	<0.001
Vinyl chloride	mg/L	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Xylenes (total)	mg/L	10	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location:		MW-1A	MW-1A	MW-1A	MW-1A	MW-1A	MW-1B	MW-1B
Sample ID:		WG-071221-NL-002	WG-072622-NL-006	WG-071023-CB-004	WG-071023-CB-005	WG-071524-CB-005	WG-012920-NL-007	WG-071020-NL-007
Sample Date:		7/12/2021	7/26/2022	7/10/2023	7/10/2023	7/15/2024	1/29/2020	7/10/2020
		(Duplicate)			(Duplicate)			
Parameters	Units							
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--
SVOCs - SIM								
Naphthalene	mg/L	--	--	--	--	--	--	--
VOCs								
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<0.0025	<0.0025	<0.0025	<0.0025	<0.005	<0.0025	<0.0025
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
Benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.00019 J	0.00044 J	0.00039 J	0.00035 J	0.000325 J	0.007	0.0144
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	<0.001	--	--	--	--	<0.001	<0.001
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	0.00022 J	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.001	--	--	--	--	<0.02	<0.001
Methyl cyclohexane	mg/L	<0.001	--	--	--	--	<0.001	<0.001
Methyl tert butyl ether (MTBE)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00032 J
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001	--	--	--	<0.001	<0.001	<0.001
Vinyl chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.0025	0.0071
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location:		MW-1B	MW-1B	MW-1B	MW-1B	MW-1B	MW-1C	MW-1C
Sample ID:		WG-012521-NL-004	WG-071221-NL-003	WG-072622-NL-004	WG-071023-CB-006	WG-071524-CB-006	WG-012920-NL-008	WG-071020-NL-005
Sample Date:		1/25/2021	7/12/2021	7/26/2022	7/10/2023	7/15/2024	1/29/2020	7/10/2020
Parameters	Units							
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--
SVOCs - SIM								
Naphthalene	mg/L	--	--	--	--	--	--	--
VOCs								
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<0.0025	<0.0025	<0.0025	<0.0025	<0.005	<0.0025	<0.0025
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	0.0037 J	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
Benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.0158	0.0246	0.0252	0.044	0.0329	0.00026 J	0.0042
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	<0.001	<0.001	--	--	--	<0.001	<0.001
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.001	<0.001	--	--	--	<0.02	<0.001
Methyl cyclohexane	mg/L	<0.001	<0.001	--	--	--	<0.001	<0.001
Methyl tert butyl ether (MTBE)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	0.00032 J	0.00052 J	0.0007 J	0.0011	0.000781 J	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Trifluorotrchloroethane (CFC-113)	mg/L	<0.001 N2	<0.001	--	--	<0.001	<0.001	<0.001
Vinyl chloride	mg/L	0.0052	0.0113	0.0105	0.0185	0.0211	<0.001	0.0011
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location:		MW-1C	MW-1C	MW-1C	MW-1C	MW-1C	MW-110A	MW-110A
Sample ID:		WG-012521-NL-002	WG-071221-NL-004	WG-072622-NL-005	WG-071123-CB-007	WG-071524-CB-007	WG-020320-NL-028	WG-071420-SM-034
Sample Date:		1/25/2021	7/12/2021	7/26/2022	7/11/2023	7/15/2024	2/3/2020	7/14/2020
Parameters	Units							
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--
SVOCs - SIM								
Naphthalene	mg/L	--	--	--	--	--	--	--
VOCs								
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<0.0025	<0.0025	<0.0025	<0.0025	<0.005	<0.0025	<0.0025
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01 M1	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
Benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.00081 J	0.0046	0.006	0.0018	0.0016	<0.001	<0.001
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	<0.001	<0.001	--	--	--	<0.001	<0.001
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.001	<0.001	--	--	--	<0.02	<0.001
Methyl cyclohexane	mg/L	<0.001	<0.001	--	--	--	<0.001	<0.001
Methyl tert butyl ether (MTBE)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.0107	0.0113
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	<0.001	0.00012 J	0.00016 J	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.0003 J	0.00023 J
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Trifluorotrchloroethane (CFC-113)	mg/L	<0.001 N2	<0.001	--	--	<0.001	<0.001	<0.001
Vinyl chloride	mg/L	<0.001	0.00085 J	0.0013	<0.001	<0.001	<0.001	<0.001
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location: Sample ID: Sample Date:		MW-110A WG-012821-SM-017 1/28/2021	MW-110A WG-071421-NL-013 7/14/2021	MW-110A WG-072722-NL-013 7/27/2022	MW-110A WG-071123-CB-008 7/11/2023	MW-110A WG-071524-CB-004 7/15/2024	MW-124A WG-013020-NL-014 1/30/2020	MW-124A WG-071420-SM-032 7/14/2020
Parameters	Units							
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--
SVOCs - SIM								
Naphthalene	mg/L	--	--	--	--	--	--	--
VOCs								
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<0.0025	<0.0025	<0.0025	<0.0025	<0.005	<0.0025	<0.0025
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.00016 J	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01 L2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01 L2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01 L2	<0.01	<0.01	<0.01	<0.05	0.0094 J	<0.01
Benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	<0.001	0.0017	0.00084 J	0.0008 J	0.000879 J	0.00043 J	0.00027 J
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	<0.001	<0.001	--	--	--	<0.001	<0.001
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.001	<0.001	--	--	--	<0.02	<0.001
Methyl cyclohexane	mg/L	<0.001	<0.001	--	--	--	<0.001	<0.001
Methyl tert butyl ether (MTBE)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	0.0102	0.0073	0.0065	0.0049	0.00487	<0.001	<0.001
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	0.0004 J	0.00074 J	0.00084 J	0.00084 J	0.000931 J	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Trifluorotrchloroethane (CFC-113)	mg/L	<0.001 N2	<0.001	--	--	<0.001	<0.001	<0.001
Vinyl chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.0002 J	0.00015 J
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location: Sample ID: Sample Date:		MW-124A WG-012921-SM-024 1/29/2021	MW-124A WG-071421-SM-014 7/14/2021	MW-124A WG-072822-NL-014 7/28/2022	MW-124A WG-071223-CB-017 7/12/2023	MW-124A WG-071724-CB-012 7/17/2024	MW-124B WG-013020-NL-015 1/30/2020	MW-124B WG-071420-SM-030 7/14/2020
Parameters	Units							
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--
SVOCs - SIM								
Naphthalene	mg/L	--	--	--	--	--	--	--
VOCs								
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<0.0025	<0.0025	<0.0025	<0.0025	<0.005	<0.0025	<0.0025
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
Benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.00016 J	0.00019 J
Chloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	<0.001	0.00047 J	0.00026 J	0.0024	0.000289 J	<0.001	0.00023 J
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	<0.001	<0.001	--	--	--	<0.001	<0.001
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.001	<0.001	--	--	--	<0.02	<0.001
Methyl cyclohexane	mg/L	<0.001	<0.001	--	--	--	<0.001	<0.001
Methyl tert butyl ether (MTBE)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.00017 J	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	0.00018 J	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001 N2	<0.001	--	--	<0.001	<0.001	<0.001
Vinyl chloride	mg/L	<0.001	0.00063 J	0.00017 J	0.003	<0.001	0.0014	0.0011
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location:		MW-124B	MW-124B	MW-124B	MW-124B	MW-124B	MW-146B	MW-146B
Sample ID:		WG-012921-SM-026	WG-071421-SM-013	WG-072822-NL-015	WG-071223-CB-018	WG-071724-CB-013	WG-013120-NL-018	WG-071320-SM-024
Sample Date:		1/29/2021	7/14/2021	7/28/2022	7/12/2023	7/17/2024	1/31/2020	7/13/2020
Parameters	Units							
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--
SVOCs - SIM								
Naphthalene	mg/L	--	--	--	--	--	--	--
VOCs								
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.00019 J	0.00024 J
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<0.0025	<0.0025	<0.0025	<0.0025	<0.005	<0.0025	<0.0025
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	0.0026 J	<0.01	<0.01	<0.05	<0.01	<0.01
Benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.0012	0.00077 J
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	0.00022 J	<0.001	<0.001	0.000178 J	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.00042 J	0.00044 J	<0.001	0.00083 J	0.000449 J	0.0504	0.106
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	<0.001	<0.001	--	--	--	0.00021 J	0.00018 J
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.001	<0.001	--	--	--	<0.02	<0.001
Methyl cyclohexane	mg/L	<0.001	<0.001	--	--	--	<0.001	<0.001
Methyl tert butyl ether (MTBE)	mg/L	0.00027 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.0021	0.0042
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001 N2	<0.001	--	--	<0.001	<0.001	<0.001
Vinyl chloride	mg/L	0.0028	0.0026	<0.001	0.0024	<0.001	0.0213	0.0285
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location: Sample ID: Sample Date:		MW-146B WG-012821-NL-018 1/28/2021	MW-146B WG-071321-NL-005 7/13/2021	MW-146B WG-072722-NL-010 7/27/2022	MW-146B WG-071223-CB-014 7/12/2023	MW-146B WG-071223-CB-015 7/12/2023 (Duplicate)	MW-146B WG-071724-RR-002 7/17/2024	MW-146C WG-013120-NL-017 1/31/2020
Parameters	Units							
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--
SVOCs - SIM								
Naphthalene	mg/L	--	--	--	--	--	--	--
VOCs								
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	0.00021 J	0.00023 J	0.00019 J	0.00016 J	0.00017 J	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.005	<0.0025
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01 L2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01 L2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01 L2	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
Benzene	mg/L	0.00089 J	0.00049 J	0.00041 J	0.00018 J	0.00016 J	0.000107 J	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.001
cis-1,2-Dichloroethene	mg/L	0.0398	0.129	0.13	0.114	0.123	0.0907	<0.001
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	0.0003 J	<0.001	--	--	--	--	<0.001
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.001	<0.001	--	--	--	--	<0.02
Methyl cyclohexane	mg/L	<0.001	<0.001	--	--	--	--	<0.001
Methyl tert butyl ether (MTBE)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	0.0029	0.0043	0.0052	0.005	0.0054	0.00349	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001 N2	<0.001	--	--	--	<0.001	<0.001
Vinyl chloride	mg/L	0.027	0.0204	0.0186	0.0083	0.0095	0.00283	<0.001
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location:		MW-146C	MW-146C	MW-146C	MW-146C	MW-146C	MW-146C	MW-200
Sample ID:		WG-071320-SM-022	WG-012821-NL-016	WG-071321-NL-006	WG-072722-NL-011	WG-071223-CB-016	WG-071724-CB-014	WG-020320-NL-026
Sample Date:		7/13/2020	1/28/2021	7/13/2021	7/12/2022	7/12/2023	7/17/2024	2/3/2020
Parameters	Units							
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--
SVOCs - SIM								
Naphthalene	mg/L	--	--	--	--	--	--	--
VOCs								
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.005	<0.0025
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
Benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.001
cis-1,2-Dichloroethene	mg/L	0.0106	0.0113	0.0067	0.0087	0.0025	0.000681 J	<0.001
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	<0.001	<0.001	<0.001	--	--	--	<0.001
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.001	<0.001	<0.001	--	--	--	<0.02
Methyl cyclohexane	mg/L	<0.001	<0.001	<0.001	--	--	--	<0.001
Methyl tert butyl ether (MTBE)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	0.00085 J	0.00081 J	0.0004 J	0.00054 J	0.00017 J	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001	<0.001 N2	<0.001	--	--	<0.001	<0.001
Vinyl chloride	mg/L	0.00022 J	0.00031 J	0.00025 J	0.00052 J	<0.001	<0.001	<0.001
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location: Sample ID: Sample Date:		MW-200 WG-071320-NL-017 7/13/2020	MW-200 WG-012621-SM-013 1/26/2021	MW-200 WG-071421-NL-010 7/14/2021	MW-200 WG-080222-NL-015 8/2/2022	MW-200 WG-071123-CB-009 7/11/2023	MW-200 WG-071624-CB-008 7/16/2024	MW-200 WG-071624-CB-009 7/16/2024 (Duplicate)
Parameters	Units							
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--
SVOCs - SIM								
Naphthalene	mg/L	--	--	--	--	--	--	--
VOCs								
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.005	<0.005
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05
Benzene	mg/L	<0.001	<0.001	<0.001	0.0002 J	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025	<0.0025
cis-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	0.00025 J	<0.001	0.000129 J
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	<0.001	<0.001	<0.001	--	--	--	--
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	0.00028 J	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.001	<0.001	<0.001	--	--	--	--
Methyl cyclohexane	mg/L	<0.001	<0.001	<0.001	--	--	--	--
Methyl tert butyl ether (MTBE)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001	<0.001 N2	<0.001	--	--	<0.001	<0.001
Vinyl chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location:		MW-201	MW-201	MW-201	MW-201	MW-201	MW-201	MW-201
Sample ID:		WG-012820-NL-004	WG-071320-NL-019	WG-012821-SM-019	WG-071421-SM-015	WG-072522-PL-004	WG-071123-CB-010	WG-071524-RR-001
Sample Date:		1/28/2020	7/13/2020	1/28/2021	7/14/2021	7/25/2022	7/11/2023	7/15/2024
Parameters	Units							
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--
SVOCs - SIM								
Naphthalene	mg/L	--	--	--	--	--	--	--
VOCs								
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.005
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	<0.01 L2	<0.01	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01 L2	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01	<0.01 L2	<0.01	<0.01	<0.01	<0.05
Benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025
cis-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	<0.001	<0.001	<0.001	<0.001	--	--	--
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.02	<0.001	<0.001	<0.001	--	--	--
Methyl cyclohexane	mg/L	<0.001	<0.001	<0.001	<0.001	--	--	--
Methyl tert butyl ether (MTBE)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
Trifluorotrchloroethane (CFC-113)	mg/L	<0.001	<0.001	<0.001 N2	<0.001	--	--	<0.001
Vinyl chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location: Sample ID: Sample Date:		MW-202 WG-020320-NL-027 2/3/2020	MW-202 WG-071320-NL-021 7/13/2020	MW-202 WG-012921-SM-028 1/29/2021	MW-202 WG-071421-NL-011 7/14/2021	MW-202 WG-072822-NL-016 7/28/2022	MW-202 WG-071123-PL-005 7/11/2023	MW-202 WG-071624-CB-010 7/16/2024
Parameters	Units							
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--
SVOCs - SIM								
Naphthalene	mg/L	--	--	--	--	--	--	--
VOCs								
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.005
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.0169
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.000478 J+
Acetone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.0132 J
Benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
Chloroform (Trichloromethane)	mg/L	0.0001 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025
cis-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	<0.001	<0.001	<0.001	<0.001	--	--	--
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.02	<0.001	<0.001	<0.001	--	--	--
Methyl cyclohexane	mg/L	<0.001	<0.001	<0.001	<0.001	--	--	--
Methyl tert butyl ether (MTBE)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	mg/L	0.0014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
Trifluorotrchloroethane (CFC-113)	mg/L	<0.001	<0.001	<0.001 N2	<0.001	--	--	<0.001
Vinyl chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location:		MW-203	MW-203	MW-203	MW-203	MW-203	MW-203	MW-203
Sample ID:		WG-012820-NL-003	WG-071320-NL-015	WG-012821-SM-015	WG-071421-NL-012	WG-072622-PL-005	WG-071123-PL-004	WG-071624-CB-011
Sample Date:		1/28/2020	7/13/2020	1/28/2021	7/14/2021	7/26/2022	7/11/2023	7/16/2024
Parameters	Units							
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--
SVOCs - SIM								
Naphthalene	mg/L	--	--	--	--	--	--	--
VOCs								
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.005
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	<0.01	0.0025 J	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	0.0034 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05
Benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.0003 J	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
Chloroform (Trichloromethane)	mg/L	0.00017 J	0.00028 J	<0.001	<0.001	<0.001	<0.001	<0.005
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0025
cis-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	0.00027 J	<0.001	<0.001	<0.001
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	<0.001	<0.001	<0.001	<0.001	--	--	--
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.02	<0.001	<0.001	<0.001	--	--	--
Methyl cyclohexane	mg/L	<0.001	<0.001	<0.001	<0.001	--	--	--
Methyl tert butyl ether (MTBE)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
Trifluorotrchloroethane (CFC-113)	mg/L	<0.001	<0.001	<0.001 N2	<0.001	--	--	<0.001
Vinyl chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location:		MW-204A	MW-204A	MW-204A	MW-204A	MW-204A	MW-204A	MW-204A
Sample ID:		WG-012820-NL-001	WG-070920-SM-002	WG-012621-NL-010	WG-071321-NL-008	WG-072622-PL-006	WG-072622-PL-007	WG-071123-PL-007
Sample Date:		1/28/2020	7/9/2020	1/26/2021	7/13/2021	7/26/2022	7/26/2022 (Duplicate)	7/11/2023
Parameters	Units							
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--
SVOCs - SIM								
Naphthalene	mg/L	--	--	--	--	--	--	--
VOCs								
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00057 J
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.00038 J	0.00063 J	0.0016	0.0024	0.0015	0.0015	0.0079
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	<0.001	<0.001	<0.001	<0.001	--	--	--
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.02	<0.001	<0.001	<0.001	--	--	--
Methyl cyclohexane	mg/L	<0.001	<0.001	<0.001	<0.001	--	--	--
Methyl tert butyl ether (MTBE)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.00034 J	<0.001
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	0.00014 J	<0.001	<0.001	0.00078 J
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	0.0116	0.0085	0.0134	0.0125	0.0085	0.0092	0.00023 J
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	0.0136	0.0094	0.0108 N2	0.0097	--	--	--
Vinyl chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0019
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location: Sample ID: Sample Date:		MW-204A WG-071824-CB-017 7/18/2024	MW-204A WG-071824-CB-018 7/18/2024 (Duplicate)	MW-204B WG-012820-NL-002 1/28/2020	MW-204B WG-071020-SM-012 7/10/2020	MW-204B WG-012621-NL-008 1/26/2021	MW-204B WG-071321-NL-009 7/13/2021	MW-204B WG-072622-PL-008 7/26/2022
Parameters	Units							
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--
SVOCs - SIM								
Naphthalene	mg/L	--	--	--	--	--	--	--
VOCs								
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<0.005	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	<0.01	0.00074 J	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	<0.05	<0.05	0.0044 J	<0.01	<0.01	<0.01	<0.01
Benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.0025	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.00145	0.00178	0.0134	0.0106	0.008	0.0077	0.0083
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	--	--	<0.001	<0.001	<0.001	<0.001	--
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	--	--	<0.02	<0.001	<0.001	<0.001	--
Methyl cyclohexane	mg/L	--	--	<0.001	<0.001	<0.001	<0.001	--
Methyl tert butyl ether (MTBE)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	<0.001	<0.001	0.0014	0.0013	0.00097 J	0.00083 J	0.0009 J
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	0.00913	0.00924	<0.001	0.00064 J	0.0013	0.0017	0.00048 J
Trichlorofluoromethane (CFC-11)	mg/L	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	0.00324 J	0.00599 J	<0.001	0.00055 J	0.00053 JN2	0.00097 J	--
Vinyl chloride	mg/L	<0.001	<0.001	0.0015	0.0014	0.0016	0.0018	0.0022
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location:		MW-204B	MW-204B	MW-205A	MW-205A	MW-205A	MW-205A	MW-205A
Sample ID:		WG-071123-PL-006	WG-071824-CB-019	WG-020320-NL-025	WG-070920-SM-004	WG-012621-NL-012	WG-071221-SM-004	WG-072622-PL-009
Sample Date:		7/11/2023	7/18/2024	2/3/2020	7/9/2020	1/26/2021	7/12/2021	7/26/2022
Parameters	Units							
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--
SVOCs - SIM								
Naphthalene	mg/L	--	--	--	--	--	--	--
VOCs								
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<0.0025	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.05	0.0037 J	<0.01	<0.01	<0.01	<0.01
Benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.002	0.00787	<0.001	<0.001	<0.001	0.00045 J	0.00018 J
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	--	--	<0.001	<0.001	<0.001	<0.001	--
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	--	--	<0.02	<0.001	<0.001	<0.001	--
Methyl cyclohexane	mg/L	--	--	<0.001	<0.001	<0.001	<0.001	--
Methyl tert butyl ether (MTBE)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	0.00033 J	<0.001	0.00031 J	<0.001	0.00052 J
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	0.0001 J	0.000882 J	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	0.0103	0.000304 J	<0.001	<0.001	<0.001	0.00022 J	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	--	<0.001	<0.001	<0.001	<0.001 N2	<0.001	--
Vinyl chloride	mg/L	<0.001	0.00143	<0.001	<0.001	<0.001	<0.001	<0.001
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location: Sample ID: Sample Date:		MW-205A WG-071123-CB-011 7/11/2023	MW-205A WG-071824-CB-020 7/18/2024	MW-205B WG-020320-NL-024 2/3/2020	MW-205B WG-071020-SM-014 7/10/2020	MW-205B WG-012621-NL-014 1/26/2021	MW-205B WG-071221-SM-005 7/12/2021	MW-205B WG-072622-PL-010 7/26/2022
Parameters	Units							
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--
SVOCs - SIM								
Naphthalene	mg/L	--	--	--	--	--	--	--
VOCs								
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<0.0025	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01
Benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	0.0003 J	<0.005	<0.001	<0.001	0.00052 J	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.00031 J	0.00112	0.0058	0.0062	0.0027	0.0058	0.005
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	--	--	<0.001	<0.001	<0.001	<0.001	--
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	--	--	<0.02	<0.001	<0.001	<0.001	--
Methyl cyclohexane	mg/L	--	--	<0.001	<0.001	<0.001	<0.001	--
Methyl tert butyl ether (MTBE)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	<0.001	<0.001	0.00038 J	0.00044 J	0.0002 J	0.00038 J	0.00038 J
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	0.00023 J	0.000234 J	<0.001	<0.001	<0.001	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	--	<0.001	<0.001	<0.001	<0.001 N2	<0.001	--
Vinyl chloride	mg/L	<0.001	<0.001	0.00047 J	0.0012	0.00032 J	0.00039 J	0.00065 J
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location:		MW-205B	MW-205B	MW-206A	MW-206A	MW-206A	MW-206A	MW-206A
Sample ID:		WG-071123-CB-012	WG-071824-RR-008	WG-013020-NL-013	WG-070920-NL-001	WG-012621-SM-007	WG-071321-SM-010	WG-072522-PL-001
Sample Date:		7/11/2023	7/18/2024	1/30/2020	7/9/2020	1/26/2021	7/13/2021	7/25/2022
Parameters	Units							
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--
SVOCs - SIM								
Naphthalene	mg/L	--	--	--	--	--	--	--
VOCs								
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<0.0025	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01
Benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	0.00049 J	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.001	<0.005	<0.005	0.00039 J	<0.005	<0.005
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.005	0.00328	<0.001	<0.001	0.00029 J	0.00069 J	0.0019
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	--	--	<0.001	<0.001	<0.001	<0.001	--
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	--	--	<0.02	<0.001	<0.001	<0.001	--
Methyl cyclohexane	mg/L	--	--	<0.001	<0.001	<0.001	<0.001	--
Methyl tert butyl ether (MTBE)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	0.0004 J	0.000191 J	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Trifluorotrchloroethane (CFC-113)	mg/L	--	<0.001	<0.001	<0.001	<0.001 N2	<0.001	--
Vinyl chloride	mg/L	<0.001	0.000399 J	<0.001	<0.001	<0.001	<0.001	<0.001
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location:		MW-206A	MW-206A	MW-206B	MW-206B	MW-206B	MW-206B	MW-206B
Sample ID:		WG-071123-PL-003	WG-071824-RR-007	WG-013020-NL-012	WG-070920-NL-003	WG-012621-SM-009	WG-071321-SM-011	WG-072522-PL-002
Sample Date:		7/11/2023	7/18/2024	1/30/2020	7/9/2020	1/26/2021	7/13/2021	7/25/2022
Parameters	Units							
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--
SVOCs - SIM								
Naphthalene	mg/L	--	--	--	--	--	--	--
VOCs								
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<0.0025	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01
Benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.0038	0.00531	0.0012	0.0018	0.0016	0.0016	0.0016
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	--	--	<0.001	<0.001	<0.001	<0.001	--
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	--	--	<0.02	<0.001	<0.001	<0.001	--
Methyl cyclohexane	mg/L	--	--	<0.001	<0.001	<0.001	<0.001	--
Methyl tert butyl ether (MTBE)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	0.00017 J	<0.001	<0.001	0.00022 J	0.00021 J	0.00015 J	0.00018 J
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Trifluorotrchloroethane (CFC-113)	mg/L	--	<0.001	<0.001	<0.001	<0.001 N2	<0.001	--
Vinyl chloride	mg/L	<0.001	0.00213	0.0022	0.0031	0.0031	0.0017	0.0026
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location:		MW-206B	MW-206B	MW-206C	MW-206C	MW-206C	MW-206C	MW-206C
Sample ID:		WG-071123-PL-002	WG-071824-RR-006	WG-013020-NL-011	WG-071020-NL-013	WG-012621-SM-011	WG-071321-SM-012	WG-072522-PL-003
Sample Date:		7/11/2023	7/18/2024	1/30/2020	7/10/2020	1/26/2021	7/13/2021	7/25/2022
Parameters	Units							
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--
SVOCs - SIM								
Naphthalene	mg/L	--	--	--	--	--	--	--
VOCs								
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<0.0025	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01
Benzene	mg/L	0.0013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.0025	0.00341	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	--	--	<0.001	<0.001	<0.001	<0.001	--
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	--	--	<0.02	<0.001	<0.001	<0.001	--
Methyl cyclohexane	mg/L	--	--	<0.001	<0.001	<0.001	<0.001	--
Methyl tert butyl ether (MTBE)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	mg/L	0.00045 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	0.00018 J	0.000161 J	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Trifluorotrchloroethane (CFC-113)	mg/L	--	<0.001	<0.001	<0.001	<0.001 N2	<0.001	--
Vinyl chloride	mg/L	0.0034	0.00527	<0.001	<0.001	<0.001	<0.001	<0.001
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location: Sample ID: Sample Date:		MW-206C WG-071123-PL-001 7/11/2023	MW-206C WG-071824-RR-005 7/18/2024	MW-207A WG-013120-NL-023 1/31/2020	MW-207A WG-071320-SM-016 7/13/2020	MW-207A WG-012921-SM-021 1/29/2021	MW-207A WG-071321-SM-006 7/13/2021	MW-207A WG-071321-SM-007 7/13/2021 (Duplicate)
Parameters	Units							
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	--	--	<0.20 J	<0.20	<0.20	<0.20	<0.20
Low-Range Hydrocarbons (LRH)	mg/L	--	--	<0.050	<0.050	<0.050	<0.050	<0.050
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	<0.059 J	<0.060	<0.060	<0.059	<0.060
SVOCs - SIM								
Naphthalene	mg/L	--	--	<0.00045	<0.00048	<0.0005	<0.0005	<0.0005
VOCs								
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<0.0025	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01 L2	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01 L2	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.05	<0.01	<0.01	<0.01 L2	<0.01	<0.01
Benzene	mg/L	0.00055 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	<0.001	0.000173 J	0.0007 J	0.00094 J	0.00076 J	0.0014	0.0013
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	--	--	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	--	--	<0.02	<0.001	<0.001	<0.001	<0.001
Methyl cyclohexane	mg/L	--	--	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl tert butyl ether (MTBE)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	0.0032	0.0029	0.0017	0.0015	0.0016
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	0.0005 J	0.00034 J	0.00095 J	0.00034 J	0.00032 J
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Trifluorotrchloroethane (CFC-113)	mg/L	--	<0.001	<0.001	<0.001	<0.001 N2	<0.001	<0.001
Vinyl chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location: Sample ID: Sample Date:		MW-207A WG-072522-NL-003 7/25/2022	MW-207A WG-071223-PL-010 7/12/2023	MW-207A WG-071724-CB-016 7/17/2024	MW-207B WG-013120-NL-022 1/31/2020	MW-207B WG-071320-SM-020 7/13/2020	MW-207B WG-012921-SM-025 1/29/2021	MW-207B WG-012921-SM-027 1/29/2021 (Duplicate)
Parameters	Units							
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	<0.20	<0.19	<0.19	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	<0.050	<0.050	<0.1	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	<0.060	<0.058	<0.057	--	--	--	--
SVOCs - SIM								
Naphthalene	mg/L	<0.00048	<0.010	<0.005	--	--	--	--
VOCs								
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	0.00015 J	<0.001	0.00011 J
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<0.0025	<0.0025	<0.005	<0.0025	<0.0025	<0.0025	<0.0025
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	0.00014 J	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	0.00222 J	<0.01	<0.01	<0.01 L2	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 L2	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	0.0014 J	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01 L2	<0.01
Benzene	mg/L	<0.001	0.00021 J	<0.001	0.00012 J	0.00016 J	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.0025	<0.001	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.0025	0.0069	0.00177	0.0169	0.0236	0.0111	0.0108
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	--	--	--	0.00049 J	0.00052 J	0.00045 J	0.00047 J
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	--	--	--	<0.02	<0.001	<0.001	<0.001
Methyl cyclohexane	mg/L	--	--	--	<0.001	<0.001	<0.001	<0.001
Methyl tert butyl ether (MTBE)	mg/L	<0.001	0.00014 J	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	0.00078 J	<0.001	0.000373 J	<0.001	<0.001	<0.001	<0.001
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	<0.001	0.00031 J	<0.001	0.0011	0.002	0.00095 J	0.0011
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	0.00042 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	--	--	<0.001	<0.001	<0.001	<0.001 N2	<0.001 N2
Vinyl chloride	mg/L	<0.001	0.00094 J	<0.001	0.0077	0.0115	0.0073	0.0073
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location:		MW-207B	MW-207B	MW-207B	MW-207B	MW-207C	MW-207C	MW-207C
Sample ID:		WG-071321-SM-009	WG-072522-NL-002	WG-071223-PL-009	WG-071724-RR-004	WG-013120-NL-021	WG-071320-SM-018	WG-012921-SM-023
Sample Date:		7/13/2021	7/25/2022	7/12/2023	7/17/2024	1/31/2020	7/13/2020	1/29/2021
Parameters	Units							
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--
SVOCs - SIM								
Naphthalene	mg/L	--	--	--	--	--	--	--
VOCs								
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<0.0025	<0.0025	<0.0025	<0.005	<0.0025	<0.0025	<0.0025
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 L2
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 L2
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01 L2
Benzene	mg/L	0.00015 J	<0.001	0.00024 J	0.000108 J	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.001	<0.0025	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.0254	0.0132	0.0027	0.0329	0.0043	0.0044	0.0041
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	0.00031 J	--	--	--	<0.001	<0.001	<0.001
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.001	--	--	--	<0.02	<0.001	<0.001
Methyl cyclohexane	mg/L	<0.001	--	--	--	<0.001	<0.001	<0.001
Methyl tert butyl ether (MTBE)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	0.00042 J	<0.001	<0.001	<0.001	<0.001
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	0.0016	0.0017	<0.001	0.00195	0.00032 J	0.00035 J	0.00031 J
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	0.00036 J	<0.001	<0.001	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001	--	--	<0.001	<0.001	<0.001	<0.001 N2
Vinyl chloride	mg/L	0.008	0.01	<0.001	0.00481	0.00041 J	0.00029 J	0.00056 J
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location:		MW-207C	MW-207C	MW-207C	MW-207C	MW-208A	MW-208A	MW-208A
Sample ID:		WG-071321-SM-008	WG-072522-NL-001	WG-071223-PL-008	WG-071724-CB-015	WG-012920-NL-009	WG-071020-SM-006	WG-012521-SM-001
Sample Date:		7/13/2021	7/25/2022	7/12/2023	7/17/2024	1/29/2020	7/10/2020	1/25/2021
Parameters	Units							
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--
SVOCs - SIM								
Naphthalene	mg/L	--	--	--	--	--	--	--
VOCs								
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	0.00013 J	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<0.0025	<0.0025	<0.0025	<0.005	<0.0025	<0.0025	<0.0025
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01
Benzene	mg/L	<0.001	<0.001	0.00052 J	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.001	<0.0025	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.0076	0.0055	0.0303	0.00609	<0.001	<0.001	<0.001
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	<0.001	--	--	<0.001	<0.001	<0.001	<0.001
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.001	--	--	--	<0.02	<0.001	<0.001
Methyl cyclohexane	mg/L	<0.001	--	--	--	<0.001	<0.001	<0.001
Methyl tert butyl ether (MTBE)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	0.00049 J	0.00026 J	0.0019	0.000255 J	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001	--	--	<0.001	<0.001	<0.001	<0.001 N2
Vinyl chloride	mg/L	0.0014	0.00082 J	0.0082	<0.001	<0.001	<0.001	<0.001
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location: Sample ID: Sample Date:		MW-208A WG-071221-SM-001 7/12/2021	MW-208A WG-072622-NL-009 7/26/2022	MW-208A WG-071023-CB-001 7/10/2023	MW-208A WG-071524-CB-001 7/15/2024	MW-208B WG-012920-NL-016 1/29/2020	MW-208B WG-071020-SM-008 7/10/2020	MW-208B WG-012521-SM-003 1/25/2021
Parameters	Units							
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--
SVOCs - SIM								
Naphthalene	mg/L	--	--	--	--	--	--	--
VOCs								
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<0.0025	<0.0025	<0.0025	<0.005	<0.0025	<0.0025	<0.0025
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01
Benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<0.005	0.00024 J	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	R	<0.001	<0.001	<0.001
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	<0.001	--	--	--	<0.001	<0.001	<0.001
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.001	--	--	--	<0.02	<0.001	<0.001
Methyl cyclohexane	mg/L	<0.001	--	--	--	<0.001	<0.001	<0.001
Methyl tert butyl ether (MTBE)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	R	<0.001	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001	--	--	<0.001	<0.001	<0.001	<0.001 N2
Vinyl chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location: Sample ID: Sample Date:		MW-208B WG-071221-SM-002 7/12/2021	MW-208B WG-072622-NL-008 7/26/2022	MW-208B WG-071023-CB-002 7/10/2023	MW-208B WG-071524-CB-002 7/15/2024	MW-208C WG-012920-NL-010 1/29/2020	MW-208C WG-071020-SM-010 7/10/2020	MW-208C WG-012621-SM-005 1/26/2021
Parameters	Units							
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--
SVOCs - SIM								
Naphthalene	mg/L	--	--	--	--	--	--	--
VOCs								
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<0.0025	<0.0025	<0.0025	<0.005	<0.0025	<0.0025	<0.0025
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01
Benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.001	<0.0025	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	<0.001	0.0002 J	0.0002 J	0.000287 J-	0.0028	0.0027	0.0018
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	<0.001	--	--	--	<0.001	<0.001	<0.001
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.001	--	--	--	<0.02	<0.001	<0.001
Methyl cyclohexane	mg/L	<0.001	--	--	--	<0.001	<0.001	<0.001
Methyl tert butyl ether (MTBE)	mg/L	<0.001	<0.001	<0.001	<0.001	0.00016 J	0.00028 J	0.00022 J
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	R	<0.001	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001	--	--	<0.001	<0.001	<0.001	<0.001 N2
Vinyl chloride	mg/L	<0.001	<0.001	<0.001	<0.001	0.00022 J	0.00019 J	<0.001
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location: Sample ID: Sample Date:		MW-208C WG-071221-SM-003 7/12/2021	MW-208C WG-072622-NL-007 7/26/2022	MW-208C WG-071023-CB-003 7/10/2023	MW-208C WG-071524-CB-003 7/15/2024	TMW-146 WG-013120-NL-019 1/31/2020	TMW-146 WG-013120-NL-020 1/31/2020 (Duplicate)	TMW-146 WG-071320-SM-026 7/13/2020
Parameters	Units							
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	<0.20 J	<0.20 J	<0.20
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	<0.050	<0.050	<0.050
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	0.078 J-	0.070 J-	<0.061
SVOCs - SIM								
Naphthalene	mg/L	--	--	--	--	<0.0005	<0.00048	<0.00053
VOCs								
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<0.0025	<0.0025	<0.0025	<0.005	<0.0025	<0.0025	<0.0025
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	0.0012 J	<0.01	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01
Benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.001	<0.0025	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.002	0.0021	0.0017	0.00195	0.00029 J	<0.001	0.00032 J
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	<0.001	--	--	--	<0.001	0.0001 J	<0.001
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.001	--	--	--	<0.02	<0.02	<0.001
Methyl cyclohexane	mg/L	<0.001	--	--	--	<0.001	<0.001	<0.001
Methyl tert butyl ether (MTBE)	mg/L	0.00043 J	0.00065 J	0.0011	0.000677 J	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001	--	--	<0.001	<0.001	<0.001	<0.001
Vinyl chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 3

**Groundwater Analytical Results
Former Fairfax I Site
Kansas City, Kansas**

Sample Location:		TMW-146	TMW-146	TMW-146	TMW-146	TMW-146	TMW-146	TMW-146
Sample ID:		WG-071320-SM-028	WG-012821-NL-020	WG-012821-NL-022	WG-071321-NL-007	WG-072722-NL-012	WG-071223-CB-013	WG-071724-RR-003
Sample Date:		7/13/2020	1/28/2021	1/28/2021	7/13/2021	7/27/2022	7/12/2023	7/17/2024
		(Duplicate)		(Duplicate)				
Parameters	Units							
Petroleum Products								
High-Range Hydrocarbons (HRH)	mg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.19	<0.19
Low-Range Hydrocarbons (LRH)	mg/L	<0.050	<0.050	<0.050	<0.050 J	<0.050	<0.050	<0.1
Mid-Range Hydrocarbons (MRH)	mg/L	<0.060	<0.059	<0.060	0.072	<0.060	0.39	0.18
SVOCs - SIM								
Naphthalene	mg/L	<0.0005	<0.00053	<0.00053	<0.0005	<0.00048	0.0016 J	0.00247
VOCs								
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.005
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01 L2	<0.01 L2	0.0013 J	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01 L2	<0.01 L2	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01 L2	<0.01 L2	<0.01	<0.01	<0.01	<0.05
Benzene	mg/L	<0.001	<0.001	<0.001	<0.001	0.00043 J	0.0016	0.00145
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.0003 J	<0.0025
cis-1,2-Dichloroethene	mg/L	<0.001	0.00018 J	0.00016 J	0.00021 J	0.00034 J	<0.001	0.00569
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	<0.001	<0.001	<0.001	<0.001	--	--	--
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.00012 J	0.00049 J
Methyl acetate	mg/L	<0.001	<0.001	<0.001	<0.001	--	--	--
Methyl cyclohexane	mg/L	<0.001	<0.001	<0.001	<0.001	--	--	--
Methyl tert butyl ether (MTBE)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.000344 J
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001	<0.001 N2	<0.001 N2	<0.001	--	--	<0.001
Vinyl chloride	mg/L	<0.001	<0.001	<0.001	0.00031 J	<0.001	<0.001	0.00846
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	0.00038 J	0.000605 J

Footnotes:

J - Estimated concentration.

R - Rejected.

< - Not detected at the associated reporting limit.

Table 4

**Wells for Biennial Sampling
Former Fairfax I Site Kansas
City, Kansas**

Monitoring Well	Area of Concern	Designation	Justification
MW-1A	Perimeter	Shallow	COC levels consistently below RSK values and/or RLs
MW-1C	Perimeter	Deep	COC levels consistently below RSK values and/or RLs
MW-146C	TMW-130	Deep	COC levels consistently below RSK values and/or RLs
MW-200	MW-103A	Shallow	COC levels consistently below RSK values and/or RLs
MW-202	S-8	Shallow	COC levels consistently below RSK values and/or RLs
MW-203	Perimeter	Shallow	COC levels consistently below RSK values and/or RLs
MW-205A	S-8, perimeter	Shallow	COC levels consistently below RSK values and/or RLs
MW-205B	S-8, perimeter	Intermediate	COC levels consistently below RSK values and/or RLs
MW-206C	TMW-103A, TMW-127	Deep	COC levels consistently below RSK values and/or RLs
MW-207C	TMW-127, TMW-130	Deep	COC levels consistently below RSK values and/or RLs

Notes

RSK - KDHE Tier 2 RSK values for residential groundwater

RLs - laboratory reporting limits.

COC - chemical of concern

Appendices

Appendix A

Field Documentation



Project Number: 12603810

Event: RACER Fairfax Annual GWM

FIELD NOTES REPORT

Personnel On Site:
Calvin Bernic, Riley Reece

Weather:
92 F, sunny

Project Description
RACER Fairfax LTM

Date:
7/15/2024

Arrival Time:
10:15

Departure Time:

Site Location:
RACER Fairfax

Field Notes:

Time: 10:31:48 AM, Initial: , Note:

Task: Annual GWM

Equipment: KS-IP-04, KS-IP-06, 2x rental submersible pump, 2x rental Hanna WQ meter

PPE: level D

10:15 CB+RR onsite, TGSM, split up equipment

10:20 CB to gauge and sample all wells on GM property, RR to begin gauging all other wells

10:25 CB meet up with Roy Myer(GM) and move to MW-208 cluster to begin gauging and sampling

10:40 all wells in MW-208 cluster gauged, setting up to begin purging MW-208A

11:24 collect sample WG-071524-CB-001 from MW-208A, setting up at MW-208B

12:03 collect sample WG-071524-CB-002 from MW-208B, setting up at MW-208C

12:36 collect sample WG-071524-CB-003 from MW-208C, move to MW-110A to setup and begin purging

13:00 MW-110A has no tubing, RR has the spare tubing, will get some from her

13:59 collect sample WG-071524-CB-004 from MW-110A, moving to MW-1 cluster to gauge and sample

15:03 collect sample WG-071524-CB-005 from MW-1A, setting up at MW-1B

15:42 collect sample WG-071524-CB-006 from MW-1B, setting up at MW-1C

16:09 collect sample WG-071524-CB-006 from MW1C, all wells on GM property have been gauged and sampled

16:20 CB leaving GM property, will reconvene with RR once she finishes sampling MW-201



Project Number: 12603810

Event: Annual GWM

FIELD NOTES REPORT

Personnel On Site:
Calvin Bernic, Riley Reece

Weather:
77 F, Rain

Project Description
RACER Fairfax LTM

Date:
7/16/2024

Arrival Time:
8:50

Departure Time:

Site Location:
RACER Fairfax

Field Notes:

Time: 12:26:30 PM, Initial: , Note: Task, Equip, PPE same as yesterday
8:50 CB and RR onsite, TGSM, discussing plans for the day
9:05 there is thunder, will go offsite to collect mold samples at US Foods then return to site later
9:10 CB and RR offsite
11:50 CB and RR back onsite, will sample MW-200 and MW-201 together
12:00 check in with security at logistics center
12:05 calibrate Hanna #1
Handheld U105763x, sonde U105765x
pH 7 lot 44020567 exp 2/22/26
pH 4 lot 44020094 exp 2/6/26
pH 10 lot 6402010 exp 2/5/26
cond1409 lot 8403134 exp 3/30/26
12:15 setup at MW-200 and begin purging, will dupe this well
12:47 collect sample WG-071624-CB-008 from MW-200
12:50 collect dupe WG-071624-CB-009 from MW-200
13:00 move to setup at MW-202
13:30 submersible pump will not go down well, attempting to troubleshoot
13:50 unable to get pump head down well, calling Travis to discuss opt
14:00 Travis suggested using a check valve on the tubing, will attempt
14:10 check valve is working, will sample well using this method
14:29 collect sample WG-071624-CB-010 from MW-202
14:50 setup at MW-203 to begin purging
15:19 collect sample WG-071624-CB-011 from MW-203
15:30 all equipment packed up, RR needs to leave by 4 pm so we will call it a day and continue tomorrow



Project Number: 12603810

Event: RACER Fairfax Annual GWM

FIELD NOTES REPORT

Personnel On Site:
Calvin Bernic, Riley Reece

Weather:
75 F, sunny

Project Description
RACER Fairfax LTM

Date:
7/17/2024

Arrival Time:
8:37:31 AM

Departure Time:

Site Location:
RACER Fairfax

Field Notes:

Time: 8:39:13 AM, Initial: , Note: Task, equip, PPE same as previous days

8:37 CB and RR onsite, TGSM, discuss plan for the day

8:40 calibrate Hanna WQ meters

Hanna #1

Handheld U105763x, sonde U105765x

pH 7 lot 44020567 exp 2/22/26

pH 4 lot 44020094 exp 2/6/26

pH 10 lot 6402010 exp 2/5/26

cond1409 lot 8403134 exp 3/30/26

Hanna #2 Handheld, U107514x sonde U107515x

Solutions the same as Hanna #1

9:15 move to MW-124 cluster to setup and begin purging at MW-124A

9:57 collect sample WG-071724-CB-012 from MW-214A, set up at MW-124B to begin purging

10:33 collect sample WG-071724-CB-013 from MW-124B, gathering up equipment and moving to TMW-146 cluster to setup and begin purging. These wells will be purged using a check valve since they are not accessible by truck due to severely overgrown vegetation

11:25 CB setup at MW-146C, RR setup at MW-146B, will begin purging using check valves

11:50 collect sample WG-071724-RR-002 from MW-146B

11:53 collect sample WG-071724-CB-014 from MW-146C

12:23 collect sample WG-071724-RR-003 from TMW-146

12:30 going to regroup at the trucks and get ready to sample MW-207 cluster

12:45 RR offsite to use the restroom at a nearby gas station

13:20 RR back onsite, heading to MW-207 cluster, these wells will be purged using a check valve for the same reason as the TMW-146 cluster

14:07 collect sample WG-071724-RR-004 from MW-207B

14:29 collect sample WG-071724-CB-015 from MW-207C

14:52 collect sample WG-071724-CB-016 from MW-207A

15:10 return to trucks to pack up equipment and organize samples

15:30 finished for the day, will sample remaining wells tomorrow



Project Number: 12603810

Event: RACER Fairfax Annual GWM

FIELD NOTES REPORT

Personnel On Site:
Calvin Bernic, Riley Reece

Weather:
Sunny, 73 F

Project Description
RACER Fairfax LTM

Date:
7/18/2024

Arrival Time:
8:41:46 AM

Departure Time:

Site Location:
RACER Fairfax

Field Notes:

Time: 8:50:09 AM, Initial: , Note: Task, equip, PPE same as previous days
8:35 CB and RR onsite, TGSM, calibrate Hanna WQ meters- same meters and calibration solutions as yesterday
8:50 both Hannas calibrated, RR going to start at Mw-206 cluster, CB to start on the MW-204 cluster
9:30 collect sample WG-071824-CB-017 from MW-204A
9:35 collect dupe WG-071824-CB-018 from MW-204A
10:10 collect sample WG-071824-CB-019 from MW-204B, this sample is the MS/MSD
10:30 CB heading to MW-205 cluster to setup and begin sampling
11:07 collect sample 071824-CB-020 from MW-205A, setup at MW-205B to begin purging
11:42 collect sample WG-071824-RR-008 from MW-205B
11:50 pack up equipment, fill out COCs- samples from GM property will go on a separate chain of custody
12:20 CB will bring samples to Pace Labs, RR will return equipment to Field
12:30 housekeeping and offsite



Project Number: 12603810

Water Level - 202407-Q3WL

Date:

7/15/2024

Technician:

CB

Site:

RACER Fairfax

Well ID	Date/Time	Depth to Water (ft BREF)	Depth to Bottom (ft BREF)	Well Dry?	Notes and Comments
MW-110A	7/15/24 11:11:53	16.87	36.49	No	
MW-124A	7/15/24 14:55:22	19.35	37.10	No	
MW-124B	7/15/24 14:55:36	19.30	61.87	No	
MW-1A	7/15/24 14:29:32	17.94	37.55	No	
MW-1C	7/15/24 14:46:38	18.02	107.15	No	
MW-205A	7/15/24 10:58:13	16.41	27.04	No	
MW-205B	7/15/24 10:58:24	16.61	60.30	No	
MW-206B	7/15/24 11:45:06	15.61	59.73	No	
MW-206C	7/15/24 11:45:16	15.65	91.33	No	
MW-207B	7/15/24 17:28:55	18.09	62.51	No	
MW-207C	7/15/24 17:32:29	20.79	92.63	No	
MW-208B	7/15/24 10:38:09	16.19	59.41	No	
MW-208C	7/15/24 10:39:57	16.25	89.98	No	
TMW-146	7/15/24 17:51:01	17.53	32.14	No	



Project Number: 12603810

Water Level - 202407-Q3WL

Date: 7/15/2024	Technician: CB	Site: RACER Fairfax
--------------------	-------------------	------------------------

Well ID	Date/Time	Depth to Water (ft BREF)	Depth to Bottom (ft BREF)	Well Dry?	Notes and Comments
MW-146B	7/15/24 17:44:08	17.84	62.30	No	
MW-146C	7/15/24 17:46:50	18.06	92.64	No	
MW-1B	7/15/24 14:31:49	17.52	87.26	No	
MW-200	7/15/24 12:42:31	15.43	26.98	No	
MW-201	7/15/24 12:42:41	17.57	27.26	No	
MW-202	7/15/24 15:27:30	14.69	27.24	No	
MW-203	7/15/24 12:06:06	15.64	26.91	No	
MW-204A	7/15/24 13:09:28	17.09	27.31	No	
MW-204B	7/15/24 13:09:37	17.16	59.69	No	
MW-206A	7/15/24 13:34:38	15.61	26.81	No	
MW-207A	7/15/24 17:26:05	18.05	30.20	No	
MW-208A	7/15/24 10:36:38	16.34	26.66	No	

Monitoring Well Data:

Screen Material: Unknown

Screen Start Depth: 21.45 ft BGS

Screen End Depth: 36.45 ft BGS

Screen Length: 15.0 ft BGS

Pump Depth: ft BREF

Constructed Well Depth: 35.00

Measured Well Depth: 36.49 ft BREF

Static Water Depth: 16.87 ft BREF

Well Diameter: 2 in

Water Column Length: 19.62 ft

Ref Point Elev:

Static Water Elev:

Well Volume: 3.2 gal

Screen Volume: 2.45 gal

SSOW Code:

Measurement Type:

Sampling Method: Electric Submersible Pump

Purging Start Time: 13:39

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)	Column Not Applicable	ORP (millivolts)	Column Not Applicable	Column Not Applicable	Clarity (describe)	Column Not Applicable	Notes
			Precision Required	< 0.4	± 0.1	±% 3	± 5 or ± 10	±% 10		± 10					
13:39	0.00	200	16.92	0.05	7.62	22.34	0.960	2.71		4.7			Clear		
13:44	0.25	200	16.93	0.06	7.34	20.71	0.967	2.60		44.1			Clear		
13:49	0.50	200	16.93	0.06	7.09	20.03	0.995	3.28		70.3			Clear		
13:54	0.76	200	16.93	0.06	6.94	20.16	1.005	3.57		82.7			Clear		
13:58	1.00	200	16.93	0.06	6.89	20.27	1.015	3.76		87.3			Clear		

Additional Notes including Field Parameters:

Comments:

Total Volume Purged: 1 gal

Water Depth at Sampling: 16.93 ft BREF

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
WG-071524-CB-004	N	WG	G	7/15 13:59	No	VOC full list	3

Monitoring Well Data:

Screen Material:

Screen Start Depth:

Screen End Depth:

Screen Length:

Pump Depth: ft BREF

Constructed Well Depth:

Measured Well Depth: 37.1 ft BREF

Static Water Depth: 19.35 ft BREF

Well Diameter: 2 in

Water Column Length: 17.75 ft

Ref Point Elev:

Static Water Elev:

Well Volume: 0 gal

Screen Volume: gal

SSOW Code:

Measurement Type:

Sampling Method: Electric Submersible Pump

Purging Start Time: 09:41

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)	Column Not Applicable	ORP (millivolts)	Column Not Applicable	Column Not Applicable	Clarity (describe)	Column Not Applicable	Notes
			Precision Required	< 0.4	± 0.1	±% 3	± 5 or ± 10	±% 10		± 10					
09:41	0.00	200	19.92	0.57	6.50	17.03	1.094	4.16		-82.5			Clear		
09:46	0.27	200	19.93	0.58	6.45	17.34	1.075	2.28		-81.3			Clear		
09:51	0.53	200	19.93	0.58	6.46	17.76	1.068	2.30		-75.9			Clear		
09:56	0.80	200	19.93	0.58	6.47	18.26	1.063	2.32		-73.1			Clear		

Additional Notes including Field Parameters:

Comments:

Total Volume Purged: 0.8 gal

Water Depth at Sampling: 19.93 ft BREF

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
WG-071724-CB-012	N	WG	G	7/17 9:57	No	VOC full list	3

Monitoring Well Data:

Screen Material:

Screen Start Depth:

Screen End Depth:

Screen Length:

Pump Depth: ft BREF

Constructed Well Depth:

Measured Well Depth: 61.87 ft BREF

Static Water Depth: 19.3 ft BREF

Well Diameter: 2 in

Water Column Length: 42.57 ft

Ref Point Elev:

Static Water Elev:

Well Volume: 0 gal

Screen Volume: gal

SSOW Code:

Measurement Type:

Sampling Method: Electric Submersible Pump

Purging Start Time: 10:13

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)	Column Not Applicable	ORP (millivolts)	Column Not Applicable	Column Not Applicable	Clarity (describe)	Column Not Applicable	Notes
			Precision Required	< 0.4	± 0.1	±% 3	± 5 or ± 10	±% 10		± 10					
10:13	0.00	250	19.91	0.61	7.20	17.28	1.183	3.17		-105.9			Clear		
10:18	0.31	250	19.95	0.65	6.92	17.08	1.345	0.78		-155.2			Clear		
10:23	0.63	250	19.95	0.65	6.87	17.08	1.394	0.50		-165.6			Clear		
10:27	0.90	250	19.95	0.65	6.88	17.16	1.426	0.40		-170.7			Clear		
10:32	1.23	250	19.95	0.65	6.92	17.17	1.428	0.33		-176.0			Clear		

Additional Notes including Field Parameters:

Comments:

Total Volume Purged: 1.23 gal

Water Depth at Sampling: 19.95 ft BREF

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
WG-071724-CB-013	N	WG	G	7/17 10:33	No	VOC full list	3

Well Number: MW-146B

Project Name: RACER Fairfax

Water Sampling Field Measurement Record Form

Project Number: 12603810

Sampling Event: 202407-Q3WG

Personnel: CB

GHD

Date: 7/17/2024

Monitoring Well Data:

Pump Depth: ft BREF

Water Column Length: 44.46 ft

SSOW Code:

Screen Material:

Constructed Well Depth:

Ref Point Elev:**Measurement Type:**

Screen Start Depth:

Measured Well Depth: 62.3 ft BREF

Static Water Elev:

Sampling Method:

Screen End Depth:

Static Water Depth: 17.84 ft BREF

Well Volume: 0 gal

Purging Start Time: 11:32

Screen Length:

Well Diameter:

Screen Volume: gal

Columns below may be blank if not applicable

[illegible]

Additional Notes including Field Parameters:

Comments:

Total Volume Purged:	0	gal
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Water Depth at Sampling: 18.05 ft BREF

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
WG-071724-RR-002	N	WG	G	7/17 11:50	No	VOC full list	3

Well Number: MW-146C

Project Name: RACER Fairfax

Water Sampling Field Measurement Record Form

Project Number: 12603810

Sampling Event: 202407-Q3WG

Personnel: CB

GHD

Date: 7/17/2024

Monitoring Well Data:

Pump Depth: ft BREF

Water Column Length: 74.58 ft

SSOW Code:

Screen Material:

Constructed Well Depth:

Ref Point Elev:**Measurement Type:**

Screen Start Depth:

Measured Well Depth: 92.64 ft BREF

Static Water Elev:

Sampling Method: Other (Specify in

Screen End Depth:

Static Water Depth: 18.06 ft BREF

Well Volume: 0 gal

Purging Start Time: 11:31

Screen Length:

Well Diameter: 2 in

Screen Volume: gal

Columns below may be blank if not applicable

[illegible]

Additional Notes including Field Parameters:

Comments: Well sampled using check valve

Total Volume Purged:	0	gal
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Water Depth at Sampling: 18.31 ft BREF

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
WG-071724-CB-014	N	WG	G	7/17 11:53	No	VOC full list	3

Monitoring Well Data:

Screen Material: PVC

Screen Start Depth: 22.19 ft BGS

Screen End Depth: 37.19 ft BGS

Screen Length: 15.0 ft BGS

Pump Depth: ft BREF

Constructed Well Depth: 35.00

Measured Well Depth: 37.55 ft BREF

Static Water Depth: 17.94 ft BREF

Well Diameter: 2 in

Water Column Length: 19.61 ft

Ref Point Elev:

Static Water Elev:

Well Volume: 3.2 gal

Screen Volume: 2.45 gal

SSOW Code:

Measurement Type:

Sampling Method: Electric Submersible Pump

Purging Start Time: 14:43

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)	Column Not Applicable	ORP (millivolts)	Column Not Applicable	Column Not Applicable	Clarity (describe)	Column Not Applicable	Notes
			Precision Required	< 0.4	± 0.1	±% 3	± 5 or ± 10	±% 10		± 10					
14:43	0.00	200	17.94	0	7.18	20.97	0.884	1.50		-112.1			Clear		
14:49	0.33	200	17.94	0	7.20	18.49	0.867	0.91		-110.4			Clear		
14:53	0.57	200	17.97	0.03	7.21	17.96	0.841	0.65		-111.5			Clear		
14:58	0.79	200	17.97	0.03	7.21	18.04	0.815	0.54		-113.6			Clear		
03:03	1.21	200	17.97	0.03	7.17	17.89	0.780	0.41		-117.4			Clear		

Additional Notes including Field Parameters:

Comments:

Total Volume Purged: 1.21 gal

Water Depth at Sampling: 17.94 ft BREF

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
WG-071524-CB-005	N	WG	G	7/15 15:03	No	VOC full list	3

Monitoring Well Data:

Screen Material: PVC

Screen Start Depth: ft BGS

Screen End Depth: ft BGS

Screen Length: ft BGS

Pump Depth: ft BREF

Constructed Well Depth: 85.00

Measured Well Depth: 87.26 ft BREF

Static Water Depth: 17.52 ft BREF

Well Diameter: 2 in

Water Column Length: 69.74 ft

Ref Point Elev:

Static Water Elev:

Well Volume: 11.38 gal

Screen Volume: 0 gal

SSOW Code:

Measurement Type:

Sampling Method: Electric Submersible Pump

Purging Start Time: 15:23

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)	Column Not Applicable	ORP (millivolts)	Column Not Applicable	Column Not Applicable	Clarity (describe)	Column Not Applicable	Notes
			Precision Required	< 0.4	± 0.1	±% 3	± 5 or ± 10	±% 10		± 10					
15:23	0.00	200	17.66	0.14	7.29	21.27	0.855	0.91		-170.6			Clear		
15:28	0.25	200	17.66	0.14	7.35	19.32	0.854	0.69		-166.8			Clear		
15:33	0.51	200	17.67	0.15	7.43	18.40	0.910	0.32		-178.9			Clear		
15:37	0.73	200	17.67	0.15	7.44	18.12	0.946	0.26		-182.9			Clear		
15:42	1.00	200	17.67	0.15	7.47	18.12	0.936	0.23		-185.7			Clear		

Additional Notes including Field Parameters:

Comments:

Total Volume Purged: 1 gal

Water Depth at Sampling: 17.67 ft BREF

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
WG-071524-CB-006	N	WG	G	7/15 15:42	No	VOC full list	3

Well Number: MW-1C
Project Number: 12603810

Project Name: RACER Fairfax

Water Sampling Field Measurement Record Form

GHD

Date: 7/15/2024

Monitoring Well Data:

Pump Depth: ft BREF

Water Column Length: 89.13 ft

SSOW Code:

Screen Material: PVC

Constructed Well Depth: 107.00

Ref Point Elev:

Measurement Type:

Screen Start Depth: ft BGS

Measured Well Depth: 107.15 ft BREF

Static Water Elev:

Sampling Method: Electric Submersible Pump

Screen End Depth: ft BGS

Static Water Depth: 18.02 ft BREF

Well Volume: 14.55 gal

Purging Start Time: 15:54

Screen Length: ft BGS

Well Diameter: 2 in

Screen Volume: 0 gal

Columns below may be blank if not applicable

[illegible]

Additional Notes including Field Parameters:

Comments:

Total Volume Purged: 0.77 gal

Water Depth at Sampling: 18.05 ft BREF

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
WG-071524-CB-007	N	WG	G	7/15 16:09	No	VOC full list	3

Monitoring Well Data:

Screen Material:

Screen Start Depth:

Screen End Depth:

Screen Length:

Pump Depth: ft BREF

Constructed Well Depth:

Measured Well Depth: 26.98 ft BREF

Static Water Depth: 15.43 ft BREF

Well Diameter: 2 in

Water Column Length: 11.55 ft

Ref Point Elev:

Static Water Elev:

Well Volume: 1.88 gal

Screen Volume: gal

SSOW Code:

Measurement Type:

Sampling Method: Electric Submersible Pump

Purging Start Time: 12:27

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)	Column Not Applicable	ORP (millivolts)	Column Not Applicable	Column Not Applicable	Clarity (describe)	Column Not Applicable	Notes
			Precision Required	< 0.4	± 0.1	±% 3	± 5 or ± 10	±% 10		± 10					
12:27	0.00	250	15.71	0.28	6.36	16.71	1.445	0.89		-66.7			Clear		
12:32	0.35	250	15.77	0.34	6.38	16.63	1.434	0.55		-67.0			Clear		
12:37	0.67	250	15.77	0.34	6.47	16.62	1.429	0.45		-71.5			Clear		
12:42	0.98	250	15.77	0.34	6.54	16.55	1.442	0.41		-75.8			Clear		
12:47	1.31	250	15.77	0.34	6.57	17.05	1.479	0.34		-81.6			Clear		

Additional Notes including Field Parameters:

Comments:

Total Volume Purged: 1.31 gal

Water Depth at Sampling: 15.77 ft BREF

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
WG-071624-CB-008	N	WG	G	7/16 12:47	No	VOC full list	3
WG-071624-CB-009	FD	WG	G	7/16 12:50			

Monitoring Well Data:

Screen Material:

Screen Start Depth:

Screen End Depth:

Screen Length:

Pump Depth: ft BREF

Constructed Well Depth:

Measured Well Depth: 27.26 ft BREF

Static Water Depth: 17.57 ft BREF

Well Diameter: 2 in

Water Column Length: 9.69 ft

Ref Point Elev:

Static Water Elev:

Well Volume: 1.58 gal

Screen Volume: gal

SSOW Code:

Measurement Type:

Sampling Method: Electric Submersible Pump

Purging Start Time: 16:17

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)	Column Not Applicable	ORP (millivolts)	Column Not Applicable	Column Not Applicable	Clarity (describe)	Column Not Applicable	Notes
			Precision Required	< 0.4	± 0.1	±% 3	± 5 or ± 10	±% 10		± 10					
16:17	0.00	200	17.61	0.04	6.67	17.82	1.829	32.8		-137.4			Clear		
16:22	211.74	200	17.64	0.07	6.46	17.23	1.762	31.6		-89.7			Clear		
16:27	423.30	200	17.64	0.07	6.47	17.05	1.778	31.4		-61.0			Clear		
16:32	634.66	200	17.64	0.07	6.50	16.99	1.777	31.1		-47.6			Clear		
16:37	634.70	200	17.64	0.07	6.50	16.89	1.779	30.5		-41.0			Clear		
16:42	634.75	200	17.64	0.07	6.52	16.8	1.777	30.7		-19.1			Clear		
16:47	634.80	200	17.64	0.07	6.52	16.8	1.774	30.7		-14.7			Clear		
16:52	634.86	200	17.64	0.07	6.52	16.77	1.772	30.7		-13.1			Clear		

Additional Notes including Field Parameters:

Comments:

Total Volume Purged: 634.86 gal

Water Depth at Sampling: 17.64 ft BREF

of Screen Volumes: ?

of Well Volumes: 401.81

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
WG-071524-RR-001	N	WG	G	7/15 16:52	No	VOC full list	3

Monitoring Well Data:

Screen Material:

Screen Start Depth:

Screen End Depth:

Screen Length:

Pump Depth: ft BREF

Constructed Well Depth:

Measured Well Depth: 27.24 ft BREF

Static Water Depth: 14.69 ft BREF

Well Diameter: 2 in

Water Column Length: 12.55 ft

Ref Point Elev:

Static Water Elev:

Well Volume: 2.05 gal

Screen Volume: gal

SSOW Code:

Measurement Type:

Sampling Method: Other (Specify in

Purging Start Time: 14:10

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)	Column Not Applicable	ORP (millivolts)	Column Not Applicable	Column Not Applicable	Clarity (describe)	Column Not Applicable	Notes
			Precision Required	< 0.4	± 0.1	±% 3	± 5 or ± 10	±% 10		± 10					
14:10	0.00			NA	6.92	24.44	0.480	5.39		-42.1			Clear		
14:12	0.00			NA	7.14	21.80	0.479	6.49		-3.8			Clear		
14:16	0.00			NA	7.11	21.63	0.401	6.18		26.7			Clear		
14:20	0.00			NA	7.04	21.01	0.417	6.57		51.3			Clear		
14:25	0.00			NA	6.93	22.03	0.443	5.78		55.4			Clear		
14:29	0.00			NA	6.93	21.73	0.463	6.31		62.2			Clear		

Additional Notes including Field Parameters:

Comments: Well sampled using check valve

Total Volume Purged: 0 gal

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
WG-071624-CB-010	N	WG	G	7/16 14:29	No	VOC full list	3

Monitoring Well Data:

Screen Material:

Screen Start Depth:

Screen End Depth:

Screen Length:

Pump Depth: ft BREF

Constructed Well Depth:

Measured Well Depth: 26.91 ft BREF

Static Water Depth: 15.64 ft BREF

Well Diameter: 2 in

Water Column Length: 11.27 ft

Ref Point Elev:

Static Water Elev:

Well Volume: 1.84 gal

Screen Volume: gal

SSOW Code:

Measurement Type:

Sampling Method: Electric Submersible Pump

Purging Start Time: 14:59

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)	Column Not Applicable	ORP (millivolts)	Column Not Applicable	Column Not Applicable	Clarity (describe)	Column Not Applicable	Notes
			Precision Required	< 0.4	± 0.1	±% 3	± 5 or ± 10	±% 10		± 10					
14:59	0.00	250	15.78	0.14	6.47	20.03	2.183	1.60		-6.2			Clear		
15:04	0.31	250	15.78	0.14	6.52	19.19	2.164	1.53		26.7			Clear		
15:09	0.64	250	15.78	0.14	6.56	18.87	2.086	1.58		60.4			Clear		
15:14	0.97	250	15.78	0.14	6.59	18.88	2.063	1.56		70.2			Clear		
15:19	1.30	250	15.78	0.14	6.60	19.00	2.025	1.60		72.8			Clear		

Additional Notes including Field Parameters:

Comments:

Total Volume Purged: 1.3 gal

Water Depth at Sampling: 15.78 ft BREF

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
WG-071624-CB-011	N	WG	G	7/16 15:19	No	VOC full list	3

Date: 7/18/2024

Monitoring Well Data:

Pump Depth: ft BREF

Water Column Length: 10.22 ft

SSOW Code:

Screen Material:

Constructed Well Depth:

Ref Point Elev:**Measurement Type:**

Screen Start Depth:

Measured Well Depth: 27.31 ft BREF

Static Water Elev:

Sampling Method: Electric Submersible Pump

Screen End Depth:

Static Water Depth: 17.09 ft BREF

Well Volume: 1.67 gal

Purging Start Time: 09:10

Screen Length:

Well Diameter: 2 in

Screen Volume: gal

Columns below may be blank if not applicable

[illegible]

Additional Notes including Field Parameters:

Comments:

Total Volume Purged: 1.29 gal

Water Depth at Sampling: 17.45 ft BREF

of Screen Volumes: ?

of Well Volumes: .77

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
WG-071824-CB-017	N	WG	G	7/18 9:30	No	VOC full list	3
WG-071824-CB-018	FD	WG	G	7/18 9:31	No	VOC full list	3

Monitoring Well Data:

Screen Material:

Screen Start Depth:

Screen End Depth:

Screen Length:

Pump Depth: ft BREF

Constructed Well Depth:

Measured Well Depth: 59.69 ft BREF

Static Water Depth: 17.16 ft BREF

Well Diameter: 2 in

Water Column Length: 42.53 ft

Ref Point Elev:

Static Water Elev:

Well Volume: 0 gal

Screen Volume: gal

SSOW Code:

Measurement Type:

Sampling Method: Electric Submersible Pump

Purging Start Time: 09:50

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)	Column Not Applicable	ORP (millivolts)	Column Not Applicable	Column Not Applicable	Clarity (describe)	Column Not Applicable	Notes
			Precision Required	< 0.4	± 0.1	±% 3	± 5 or ± 10	±% 10		± 10					
09:50	0.00	250	17.36	0.2	6.68	19.02	1.479	1.99		-148.8			Clear		
09:55	0.30	250	17.36	0.2	6.68	18.63	1.571	0.73		-168.8			Clear		
10:00	0.64	250	17.36	0.2	6.69	18.79	1.543	0.47		-174.0			Clear		
10:05	0.97	250	17.36	0.2	6.72	18.87	1.539	0.38		-176.0			Clear		
10:10	1.30	250	17.36	0.2	6.73	18.90	1.542	0.33		-177.3			Clear		

Additional Notes including Field Parameters:

Comments: MS/MSD

Total Volume Purged: 1.3 gal

Water Depth at Sampling: 17.36 ft BREF

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
WG-071824-CB-019	N	WG	G	7/18 10:10	No	VOC full list	9

Monitoring Well Data:

Screen Material:

Screen Start Depth:

Screen End Depth:

Screen Length:

Pump Depth: ft BREF

Constructed Well Depth:

Measured Well Depth: 27.04 ft BREF

Static Water Depth: 16.41 ft BREF

Well Diameter: 2 in

Water Column Length: 10.63 ft

Ref Point Elev:

Static Water Elev:

Well Volume: 0 gal

Screen Volume: gal

SSOW Code:

Measurement Type:

Sampling Method: Electric Submersible Pump

Purging Start Time: 10:45

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)	Column Not Applicable	ORP (millivolts)	Column Not Applicable	Column Not Applicable	Clarity (describe)	Column Not Applicable	Notes
			Precision Required	< 0.4	± 0.1	±% 3	± 5 or ± 10	±% 10		± 10					
10:45	0.00	250	16.57	0.16	6.75	19.00	1.295	1.30		-32.8			Clear		
10:50	0.33	250	16.57	0.16	6.71	18.69	1.263	0.95		-6.3			Clear		
10:55	0.66	250	16.57	0.16	6.68	18.52	1.254	0.87		21.3			Clear		
11:00	0.99	250	16.57	0.16	6.68	18.59	1.247	0.86		32.3			Clear		
11:07	1.45	250	16.57	0.16	6.72	18.49	1.243	0.90		38.1			Clear		

Additional Notes including Field Parameters:

Comments:

Total Volume Purged: 1.45 gal

Water Depth at Sampling: 16.57 ft BREF

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
WG-071824-CB-020	N	WG	G	7/18 11:07	No	VOC full list	3

Monitoring Well Data:

Screen Material:

Screen Start Depth:

Screen End Depth:

Screen Length:

Pump Depth: ft BREF

Constructed Well Depth:

Measured Well Depth: 60.3 ft BREF

Static Water Depth: 16.61 ft BREF

Well Diameter: 2 in

Water Column Length: 43.69 ft

Ref Point Elev:

Static Water Elev:

Well Volume: 0 gal

Screen Volume: gal

SSOW Code:

Measurement Type:

Sampling Method: Electric Submersible Pump

Purging Start Time: 11:21

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)	Column Not Applicable	ORP (millivolts)	Column Not Applicable	Column Not Applicable	Clarity (describe)	Column Not Applicable	Notes
			Precision Required	< 0.4	± 0.1	±% 3	± 5 or ± 10	±% 10		± 10					
11:21	0.00	250	16.72	0.11	6.86	18.21	1.293	1.97		-137.1			Clear		
11:26	0.31	250	16.72	0.11	6.89	17.95	1.330	0.69		-158.2			Clear		
11:31	0.65	250	16.72	0.11	6.91	17.92	1.324	0.46		-166.1			Clear		
11:36	0.96	250	16.73	0.12	6.93	17.89	1.320	0.39		-169.5			Clear		
11:41	1.30	250	16.73	0.12	6.96	17.89	1.316	0.35		-172.9			Clear		

Additional Notes including Field Parameters:

Comments:

Total Volume Purged: 1.3 gal

Water Depth at Sampling: 16.72 ft BREF

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
WG-071824-RR-008	N	WG	G	7/18 11:42	No	VOC full list	3

Date: 7/18/2024

Monitoring Well Data:

Pump Depth: ft BREF

Water Column Length: 11.2 ft

SSOW Code:

Screen Material:

Constructed Well Depth:

Ref Point Elev:

Measurement Type:

Screen Start Depth:

Measured Well Depth: 26.81 ft BREF

Static Water Elev:

Sampling Method:

Screen End Depth:

Static Water Depth: 15.61 ft BREF

Well Volume: 0 gal

Purging Start Time: 10:33

Screen Length:

Well Diameter:

Screen Volume: gal

Columns below may be blank if not applicable

[illegible]

Additional Notes including Field Parameters:

Comments:

Total Volume Purged: 0.87 gal

Water Depth at Sampling: 16.31 ft BREF

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
WG-071824-RR-007	N	WG	G	7/18 10:49	No	VOC full list	3

Date: 7/18/2024

Monitoring Well Data:

Pump Depth: ft BREF

Water Column Length: 44.12 ft

SSOW Code:

Screen Material:

Constructed Well Depth:

Ref Point Elev:

Measurement Type:

Screen Start Depth:

Measured Well Depth: 59.73 ft BREF

Static Water Elev:

Sampling Method:

Screen End Depth:

Static Water Depth: 15.61 ft BREF

Well Volume: 0 gal

Purging Start Time: 10:03

Screen Length:

Well Diameter:

Screen Volume: gal

Columns below may be blank if not applicable

[illegible]

Additional Notes including Field Parameters:

Comments:

Total Volume Purged: 0.8 gal

Water Depth at Sampling: 16.28 ft BREF

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
WG-071824-RR-006	N	WG	G	7/18 10:19	No	VOC full list	3

Monitoring Well Data:

Screen Material:

Screen Start Depth:

Screen End Depth:

Screen Length:

Pump Depth: ft BREF

Constructed Well Depth:

Measured Well Depth: 91.33 ft BREF

Static Water Depth: 15.65 ft BREF

Well Diameter:

Water Column Length: 75.68 ft

Ref Point Elev:

Static Water Elev:

Well Volume: 0 gal

Screen Volume: gal

SSOW Code:

Measurement Type:

Sampling Method:

Purging Start Time: 09:20

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)	Column Not Applicable	ORP (millivolts)	Column Not Applicable	Column Not Applicable	Clarity (describe)	Column Not Applicable	Notes
			Precision Required	< 0.4	± 0.1	±% 3	± 5 or ± 10	±% 10		± 10					
09:20	0.00	200	16.33	0.68	6.69	16.56	0.930	3.10		-136.8			Clear		
09:25	0.29	200	16.33	0.68	6.39	16.42	1.010	2.86		-172.2			Clear		
09:30	0.52	200	16.33	0.68	6.94	16.43	1.011	2.84		-176.1			Clear		
09:35	0.79	200	16.61	0.96	7.37	16.26	1.013	2.83		-180.3			Clear		
09:40	1.05	200	16.61	0.96	7.21	16.29	1.011	2.82		-180.8			Clear		
09:45	1.32	200	16.61	0.96	7.16	16.28	1.012	2.82		-181.7			Clear		

Additional Notes including Field Parameters:

Comments:

Total Volume Purged: 1.32 gal

Water Depth at Sampling: 16.61 ft BREF

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
WG-071824-RR-005	N	WG	G	7/18 9:46	No	VOC full list	3

Date: 7/17/2024

Monitoring Well Data:

Pump Depth: ft BREF

Water Column Length: 12.15 ft

SSOW Code:

Screen Material:

Constructed Well Depth:

Ref Point Elev:**Measurement Type:**

Screen Start Depth:

Measured Well Depth: 30.2 ft BREF

Static Water Elev:

Sampling Method:

Screen End Depth:

Static Water Depth: 18.05 ft BREF

Well Volume: 0 gal

Purging Start Time: 14:39

Screen Length:

Well Diameter:

Screen Volume: gal

Columns below may be blank if not applicable

[illegible]

Additional Notes including Field Parameters:

Comments:

Total Volume Purged:	0	gal
-----------------------------	---	-----

Water Depth at Sampling: 18.31 ft BREF

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
WG-071724-CB-016	N	WG	G	7/17 14:52	No	VOC full list, TPH LRH/MRH/HRH	9

Date: 7/17/2024

Monitoring Well Data:

Pump Depth: ft BREF

Water Column Length: 44.42 ft

SSOW Code:

Screen Material:

Constructed Well Depth:

Ref Point Elev:**Measurement Type:**

Screen Start Depth:

Measured Well Depth: 62.51 ft BREF

Static Water Elev:

Sampling Method:

Screen End Depth:

Static Water Depth: 18.09 ft BREF

Well Volume: 0 gal

Purging Start Time: 13:53

Screen Length:

Well Diameter:

Screen Volume: gal

Columns below may be blank if not applicable

[illegible]

Additional Notes including Field Parameters:

Comments:

Total Volume Purged:	0	gal
-----------------------------	---	-----

Water Depth at Sampling: 18.26 ft BREF

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
WG-071724-RR-004	N	WG	G	7/17 14:07	No	VOC full list	3

Monitoring Well 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

Water Column Length:

Ref Point Elev:

Static Water Elev:

Well Volume:

Screen Volume:

71.84 ft

0 gal

gal

SSOW Code:

Measurement Type:

Sampling Method: Other (Specify in

Purging Start Time: 13:53

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)	Column Not Applicable	ORP (millivolts)	Column Not Applicable	Column Not Applicable	Clarity (describe)	Column Not Applicable	Notes
			Precision Required	< 0.4	± 0.1	±% 3	± 5 or ± 10	±% 10		± 10					
13:53	0.00		18.30	-2.49	7.69	25.19	0.991	4.49		-169.4			Clear		
13:58	0.00		18.30	-2.49	7.18	20.57	1.121	4.81		-153.2			Clear		
14:15	0.00		18.30	-2.49	7.76	24.77	1.009	5.03		-133.6			Clear		
14:19	0.00		18.30	-2.49	7.10	20.39	1.098	4.33		-146.3			Clear		
14:24	0.00		18.31	-2.48	7.02	20.02	1.101	3.91		-144.5			Clear		
14:28	0.00		18.31	-2.48	7.05	19.47	1.102	3.64		-148.9			Clear		

Additional Notes including Field Parameters:

Comments: Well purged using a check valve

Total Volume Purged: 0 gal

Water Depth at Sampling: 18.3 ft BREF

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
WG-071724-CB-015	N	WG	G	7/17 14:29	No	VOC full list	3

Monitoring Well Data:

Screen Material:

Screen Start Depth:

Screen End Depth:

Screen Length:

Pump Depth: ft BREF

Constructed Well Depth:

Measured Well Depth: 26.66 ft BREF

Static Water Depth: 16.34 ft BREF

Well Diameter: 2 in

Water Column Length: 10.32 ft

Ref Point Elev:

Static Water Elev:

Well Volume: 1.68 gal

Screen Volume: gal

SSOW Code:

Measurement Type:

Sampling Method: Electric Submersible Pump

Purging Start Time: 11:04

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)	Column Not Applicable	ORP (millivolts)	Column Not Applicable	Column Not Applicable	Clarity (describe)	Column Not Applicable	Notes
			Precision Required	< 0.4	± 0.1	±% 3	± 5 or ± 10	±% 10		± 10					
11:04	0.00	200	16.38	0.04	6.92	17.53	0.898	1.01		-37.8			Clear		
11:09	0.26	200	16.38	0.04	6.86	17.42	0.901	1.00		9.1			Clear		
11:14	0.53	200	16.37	0.03	6.80	19.43	0.897	0.96		21.5			Clear		
11:19	0.81	200	16.38	0.04	6.94	18.17	0.895	1.04		27.3			Clear		
11:24	1.08	200	16.38	0.04	6.83	20.07	0.892	0.91		17.5			Clear		

Additional Notes including Field Parameters:

Comments:

Total Volume Purged: 1.08 gal

Water Depth at Sampling: 16.37 ft BREF

of Screen Volumes: ?

of Well Volumes: .64

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
WG-071524-CB-001	N	WG	G	7/15 11:24	No	VOC full list	3

Monitoring Well Data:

Screen Material:

Screen Start Depth:

Screen End Depth:

Screen Length:

Pump Depth: ft BREF

Constructed Well Depth:

Measured Well Depth: 59.41 ft BREF

Static Water Depth: 16.19 ft BREF

Well Diameter: 2 in

Water Column Length: 43.22 ft

Ref Point Elev:

Static Water Elev:

Well Volume: 7.05 gal

Screen Volume: gal

SSOW Code:

Measurement Type:

Sampling Method: Electric Submersible Pump

Purging Start Time: 11:42

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)	Column Not Applicable	ORP (millivolts)	Column Not Applicable	Column Not Applicable	Clarity (describe)	Column Not Applicable	Notes
			Precision Required	< 0.4	± 0.1	±% 3	± 5 or ± 10	±% 10		± 10					
11:42	0.00	200	16.22	0.03	7.17	22.69	0.517	2.07		-87.3			Clear		
11:47	0.26	200	16.22	0.03	7.08	18.97	1.220	1.08		-147.3			Clear		
11:52	0.56	200	16.22	0.03	7.17	17.78	1.479	0.27		-162.3			Clear		
11:58	0.86	200	16.22	0.03	7.17	17.76	1.476	0.20		-169.1			Clear		
12:03	1.10	200	16.23	0.04	7.17	17.54	1.469	0.19		-171.1			Clear		

Additional Notes including Field Parameters:

Comments:

Total Volume Purged: 1.1 gal

Water Depth at Sampling: 16.22 ft BREF

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
WG-071524-CB-002	N	WG	G	7/15 12:03	No	VOC full list	3

Monitoring Well Data:

Screen Material:

Screen Start Depth:

Screen End Depth:

Screen Length:

Pump Depth: ft BREF

Constructed Well Depth:

Measured Well Depth: 89.98 ft BREF

Static Water Depth: 16.25 ft BREF

Well Diameter: 2 in

Water Column Length: 73.73 ft

Ref Point Elev:

Static Water Elev:

Well Volume: 12.03 gal

Screen Volume: gal

SSOW Code:

Measurement Type:

Sampling Method: Electric Submersible Pump

Purging Start Time: 12:16

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)	Column Not Applicable	ORP (millivolts)	Column Not Applicable	Column Not Applicable	Clarity (describe)	Column Not Applicable	Notes
			Precision Required	< 0.4	± 0.1	±% 3	± 5 or ± 10	±% 10		± 10					
12:16	0.00	200	16.21	-.04	7.27	20.75	0.783	2.71		-104.6			Clear		
12:21	0.26	200	16.21	-.04	7.14	19.28	1.056	0.52		-147.4			Clear		
12:26	0.53	200	16.21	-.04	7.13	19.47	1.057	0.35		-153.5			Clear		
12:31	0.81	200	16.21	-.04	7.13	19.35	1.053	0.27		-156.6			Clear		
12:36	1.07	200	16.21	-.04	7.15	19.46	1.050	0.22		-159.3			Clear		

Additional Notes including Field Parameters:

Comments:

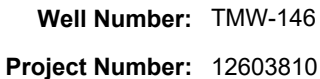
Total Volume Purged: 1.07 gal

Water Depth at Sampling: 16.21 ft BREF

of Screen Volumes: ?

of Well Volumes: ?

Sample ID	Type	Matrix	Comp/Grab	Date/Time	Filtered	Analysis	Containers
WG-071524-CB-003	N	WG	G	7/15 12:36	No	VOC full list	3



Personnel: CB

GHD

Date: 7/17/2024

Columns below may be blank if not applicable

Appendix B

Laboratory Report



July 31, 2024

Travis Kogl
GHD Services, Inc.
1502 SW 41st St.
Topeka, KS 66609

RE: Project: RACER FAIRFAX 12603810
Pace Project No.: 60457070

Dear Travis Kogl:

Enclosed are the analytical results for sample(s) received by the laboratory on July 18, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace National - Mt. Juliet
- Pace Analytical Services - Kansas City

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

Sincerely,

A handwritten signature in cursive script that reads "Alice Spiller".

Alice Spiller
alice.spiller@pacelabs.com
(913)599-5665
PM Lab Management

Enclosures

cc: Angela Bown, GHD Services, Inc.
Angela McManus, Pace Analytical Services, Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Pace Analytical Services Kansas

9608 Loiret Boulevard, Lenexa, KS 66219

Arkansas Certification #: 88-00679

Illinois Certification #: 2000302023-6

Colorado Division of Oil and Public Safety

Iowa Certification #: 118

Kansas Field Laboratory Certification #: E-92587

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Missouri Inorganic Drinking Water Certification

Nevada Certification #: KS000212024-1

Oklahoma Certification #: 2023-073

Texas Certification #: T104704407-23-17

Utah Certification #: KS000212022-13

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122

Alabama Certification #: 40660

Alaska Certification 17-026

Arizona Certification #: AZ0612

Arkansas Certification #: 88-0469

California Certification #: 2932

Canada Certification #: 1461.01

Colorado Certification #: TN00003

Connecticut Certification #: PH-0197

DOD Certification: #1461.01

EPA# TN00003

Florida Certification #: E87487

Georgia DW Certification #: 923

Georgia Certification: NELAP

Idaho Certification #: TN00003

Illinois Certification #: 200008

Indiana Certification #: C-TN-01

Iowa Certification #: 364

Kansas Certification #: E-10277

Kentucky UST Certification #: 16

Kentucky Certification #: 90010

Louisiana Certification #: AI30792

Louisiana DW Certification #: LA180010

Maine Certification #: TN0002

Maryland Certification #: 324

Massachusetts Certification #: M-TN003

Michigan Certification #: 9958

Minnesota Certification #: 047-999-395

Mississippi Certification #: TN00003

Missouri Certification #: 340

Montana Certification #: CERT0086

Nebraska Certification #: NE-OS-15-05

Nevada Certification #: TN-03-2002-34

New Hampshire Certification #: 2975

New Jersey Certification #: TN002

New Mexico DW Certification

New York Certification #: 11742

North Carolina Aquatic Toxicity Certification #: 41

North Carolina Drinking Water Certification #: 21704

North Carolina Environmental Certificate #: 375

North Dakota Certification #: R-140

Ohio VAP Certification #: CL0069

Oklahoma Certification #: 9915

Oregon Certification #: TN200002

Pennsylvania Certification #: 68-02979

Rhode Island Certification #: LAO00356

South Carolina Certification #: 84004

South Dakota Certification

Tennessee DW/Chem/Micro Certification #: 2006

Texas Certification #: T 104704245-17-14

Texas Mold Certification #: LAB0152

USDA Soil Permit #: P330-15-00234

Utah Certification #: TN00003

Vermont Dept. of Health: ID# VT-2006

Virginia Certification #: VT2006

Virginia Certification #: 460132

Washington Certification #: C847

West Virginia Certification #: 233

Wisconsin Certification #: 998093910

Wyoming UST Certification #: via A2LA 2926.01

A2LA-ISO 17025 Certification #: 1461.01

A2LA-ISO 17025 Certification #: 1461.02

AIHA-LAP/LLC EMLAP Certification #:100789

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60457070001	WG-071524-CB-001	Water	07/15/24 11:24	07/18/24 13:52
60457070002	WG-071524-CB-002	Water	07/15/24 12:03	07/18/24 13:52
60457070003	WG-071524-CB-003	Water	07/15/24 12:36	07/18/24 13:52
60457070004	WG-071524-CB-004	Water	07/15/24 13:59	07/18/24 13:52
60457070005	WG-071524-CB-005	Water	07/15/24 15:03	07/18/24 13:52
60457070006	WG-071524-CB-006	Water	07/15/24 15:42	07/18/24 13:52
60457070007	WG-071524-CB-007	Water	07/15/24 16:09	07/18/24 13:52
60457070008	TRIP BLANK	Water	07/15/24 08:00	07/18/24 13:52
60457070009	WG-071624-CB-008	Water	07/16/24 12:47	07/18/24 13:52
60457070010	WG-071624-CB-009	Water	07/16/24 12:50	07/18/24 13:52
60457070011	WG-071624-CB-010	Water	07/16/24 14:29	07/18/24 13:52
60457070012	WG-071624-CB-011	Water	07/16/24 15:19	07/18/24 13:52
60457070013	WG-071724-CB-012	Water	07/17/24 09:57	07/18/24 13:52
60457070014	WG-071724-CB-013	Water	07/17/24 10:33	07/18/24 13:52
60457070015	WG-071724-CB-014	Water	07/17/24 11:53	07/18/24 13:52
60457070016	WG-071724-CB-015	Water	07/17/24 14:29	07/18/24 13:52
60457070017	WG-071724-CB-016	Water	07/17/24 14:52	07/18/24 13:52
60457070018	WG-071824-CB-017	Water	07/18/24 09:30	07/18/24 13:52
60457070019	WG-071824-CB-018	Water	07/18/24 09:35	07/18/24 13:52
60457070020	WG-071824-CB-019	Water	07/18/24 10:10	07/18/24 13:52
60457070021	WG-071824-CB-020	Water	07/18/24 11:07	07/18/24 13:52
60457070022	WG-071524-RR-001	Water	07/15/24 16:52	07/18/24 13:52
60457070023	WG-071724-RR-002	Water	07/17/24 11:50	07/18/24 13:52
60457070024	WG-071724-RR-003	Water	07/17/24 12:23	07/18/24 13:52
60457070025	WG-071724-RR-004	Water	07/17/24 14:07	07/18/24 13:52
60457070026	WG-071824-RR-005	Water	07/18/24 09:46	07/18/24 13:52
60457070027	WG-071824-RR-006	Water	07/18/24 10:19	07/18/24 13:52
60457070028	WG-071824-RR-007	Water	07/18/24 10:49	07/18/24 13:52
60457070029	WG-071824-RR-008	Water	07/18/24 11:42	07/18/24 13:52

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60457070001	WG-071524-CB-001	EPA 8260D	DWR, DYW	70	PAN
60457070002	WG-071524-CB-002	EPA 8260D	DWR, DYW	70	PAN
60457070003	WG-071524-CB-003	EPA 8260D	DYW	70	PAN
60457070004	WG-071524-CB-004	EPA 8260D	DYW	70	PAN
60457070005	WG-071524-CB-005	EPA 8260D	DYW	70	PAN
60457070006	WG-071524-CB-006	EPA 8260D	DYW	70	PAN
60457070007	WG-071524-CB-007	EPA 8260D	DYW	70	PAN
60457070008	TRIP BLANK	EPA 8260D	DYW	70	PAN
60457070009	WG-071624-CB-008	EPA 8260D	DYW	70	PAN
60457070010	WG-071624-CB-009	EPA 8260D	DYW	70	PAN
60457070011	WG-071624-CB-010	EPA 8260D	DYW	70	PAN
60457070012	WG-071624-CB-011	EPA 8260D	DYW	70	PAN
60457070013	WG-071724-CB-012	EPA 8260D	DYW	70	PAN
60457070014	WG-071724-CB-013	EPA 8260D	DYW	70	PAN
60457070015	WG-071724-CB-014	EPA 8260D	DYW	70	PAN
60457070016	WG-071724-CB-015	EPA 8260D	DYW	70	PAN
60457070017	WG-071724-CB-016	EPA 8015C	EP	3	PASI-K
		EPA 8015 Mod Ext	NCD	2	PAN
		EPA 8260D	DYW	70	PAN
60457070018	WG-071824-CB-017	EPA 8260D	DYW	70	PAN
60457070019	WG-071824-CB-018	EPA 8260D	DYW	70	PAN
60457070020	WG-071824-CB-019	EPA 8260D	DYW	70	PAN
60457070021	WG-071824-CB-020	EPA 8260D	DYW	70	PAN
60457070022	WG-071524-RR-001	EPA 8260D	DYW	70	PAN
60457070023	WG-071724-RR-002	EPA 8260D	DYW	70	PAN
60457070024	WG-071724-RR-003	EPA 8015C	EP	3	PASI-K
		EPA 8015 Mod Ext	NCD	2	PAN
		EPA 8260D	DYW	70	PAN
60457070025	WG-071724-RR-004	EPA 8260D	DYW	70	PAN
60457070026	WG-071824-RR-005	EPA 8260D	DYW	70	PAN
60457070027	WG-071824-RR-006	EPA 8260D	DYW	70	PAN
60457070028	WG-071824-RR-007	EPA 8260D	DYW	70	PAN
60457070029	WG-071824-RR-008	EPA 8260D	DYW	70	PAN

PAN = Pace National - Mt. Juliet

PASI-K = Pace Analytical Services - Kansas City

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071524-CB-001 Lab ID: 60457070001 Collected: 07/15/24 11:24 Received: 07/18/24 13:52 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/25/24 00:23	07/25/24 00:23	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/25/24 00:23	07/25/24 00:23	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/25/24 00:23	07/25/24 00:23	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/25/24 00:23	07/25/24 00:23	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.00	0.180	1	07/25/24 00:23	07/25/24 00:23	76-13-1	
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/25/24 00:23	07/25/24 00:23	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/25/24 00:23	07/25/24 00:23	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/25/24 00:23	07/25/24 00:23	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/25/24 00:23	07/25/24 00:23	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/25/24 00:23	07/25/24 00:23	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/25/24 00:23	07/25/24 00:23	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/25/24 00:23	07/25/24 00:23	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/25/24 00:23	07/25/24 00:23	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/25/24 00:23	07/25/24 00:23	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/25/24 00:23	07/25/24 00:23	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/25/24 00:23	07/25/24 00:23	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.00	0.656	1	07/25/24 00:23	07/25/24 00:23	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/25/24 00:23	07/25/24 00:23	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/25/24 00:23	07/25/24 00:23	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/25/24 00:23	07/25/24 00:23	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/25/24 00:23	07/25/24 00:23	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/25/24 00:23	07/25/24 00:23	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/25/24 00:23	07/25/24 00:23	594-20-7	
2-Butanone (MEK)	ND	ug/L	10.0	1.19	1	07/25/24 00:23	07/25/24 00:23	78-93-3	
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/25/24 00:23	07/25/24 00:23	95-49-8	
2-Hexanone	ND	ug/L	10.0	0.787	1	07/25/24 00:23	07/25/24 00:23	591-78-6	
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/25/24 00:23	07/25/24 00:23	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/25/24 00:23	07/25/24 00:23	108-10-1	
Acetone	ND	ug/L	50.0	11.3	1	07/25/24 00:23	07/25/24 00:23	67-64-1	
Benzene	ND	ug/L	1.00	0.0941	1	07/25/24 00:23	07/25/24 00:23	71-43-2	
Bromobenzene	ND	ug/L	1.00	0.118	1	07/25/24 00:23	07/25/24 00:23	108-86-1	
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/25/24 00:23	07/25/24 00:23	74-97-5	
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/25/24 00:23	07/25/24 00:23	75-27-4	
Bromoform	ND	ug/L	1.00	0.129	1	07/25/24 00:23	07/25/24 00:23	75-25-2	
Bromomethane	ND	ug/L	5.00	0.605	1	07/25/24 00:23	07/25/24 00:23	74-83-9	
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/25/24 00:23	07/25/24 00:23	75-15-0	
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/25/24 00:23	07/25/24 00:23	56-23-5	
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/25/24 00:23	07/25/24 00:23	108-90-7	
Chloroethane	ND	ug/L	5.00	0.192	1	07/25/24 00:23	07/25/24 00:23	75-00-3	
Chloroform	ND	ug/L	5.00	0.111	1	07/25/24 00:23	07/25/24 00:23	67-66-3	
Chloromethane	ND	ug/L	2.50	0.960	1	07/25/24 00:23	07/25/24 00:23	74-87-3	
cis-1,2-Dichloroethene	ND	ug/L	1.00	0.126	1	07/30/24 23:48	07/30/24 23:48	156-59-2	H1
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/25/24 00:23	07/25/24 00:23	10061-01-5	
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/25/24 00:23	07/25/24 00:23	124-48-1	
Dibromomethane	ND	ug/L	1.00	0.122	1	07/25/24 00:23	07/25/24 00:23	74-95-3	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071524-CB-001 Lab ID: 60457070001 Collected: 07/15/24 11:24 Received: 07/18/24 13:52 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D Analytical Method: EPA 8260D Preparation Method: 8260D Pace National - Mt. Juliet									
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/25/24 00:23	07/25/24 00:23	75-71-8	
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/25/24 00:23	07/25/24 00:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/25/24 00:23	07/25/24 00:23	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/25/24 00:23	07/25/24 00:23	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/25/24 00:23	07/25/24 00:23	1634-04-4	
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/25/24 00:23	07/25/24 00:23	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/25/24 00:23	07/25/24 00:23	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/25/24 00:23	07/25/24 00:23	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/25/24 00:23	07/25/24 00:23	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/25/24 00:23	07/25/24 00:23	91-20-3	C3
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/25/24 00:23	07/25/24 00:23	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/25/24 00:23	07/25/24 00:23	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/25/24 00:23	07/25/24 00:23	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/25/24 00:23	07/25/24 00:23	98-06-6	
Tetrachloroethene	ND	ug/L	1.00	0.300	1	07/25/24 00:23	07/25/24 00:23	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/25/24 00:23	07/25/24 00:23	108-88-3	
trans-1,2-Dichloroethene	ND	ug/L	1.00	0.149	1	07/25/24 00:23	07/25/24 00:23	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/25/24 00:23	07/25/24 00:23	10061-02-6	
Trichloroethene	ND	ug/L	1.00	0.190	1	07/30/24 23:48	07/30/24 23:48	79-01-6	H1
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/25/24 00:23	07/25/24 00:23	75-69-4	
Vinyl chloride	ND	ug/L	1.00	0.234	1	07/25/24 00:23	07/25/24 00:23	75-01-4	
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/25/24 00:23	07/25/24 00:23	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	121	%	70.0-130		1	07/25/24 00:23	07/25/24 00:23	17060-07-0	
1,2-Dichloroethane-d4 (S)	110	%	70.0-130		1	07/30/24 23:48	07/30/24 23:48	17060-07-0	
4-Bromofluorobenzene (S)	89.1	%	77.0-126		1	07/25/24 00:23	07/25/24 00:23	460-00-4	
4-Bromofluorobenzene (S)	93.5	%	77.0-126		1	07/30/24 23:48	07/30/24 23:48	460-00-4	
Toluene-d8 (S)	101	%	80.0-120		1	07/25/24 00:23	07/25/24 00:23	2037-26-5	
Toluene-d8 (S)	95.1	%	80.0-120		1	07/30/24 23:48	07/30/24 23:48	2037-26-5	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071524-CB-002		Lab ID: 60457070002		Collected: 07/15/24 12:03		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/25/24 00:43	07/25/24 00:43	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/25/24 00:43	07/25/24 00:43	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/25/24 00:43	07/25/24 00:43	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/25/24 00:43	07/25/24 00:43	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.00	0.180	1	07/25/24 00:43	07/25/24 00:43	76-13-1	
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/25/24 00:43	07/25/24 00:43	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/25/24 00:43	07/25/24 00:43	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/25/24 00:43	07/25/24 00:43	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/25/24 00:43	07/25/24 00:43	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/25/24 00:43	07/25/24 00:43	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/25/24 00:43	07/25/24 00:43	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/25/24 00:43	07/25/24 00:43	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/25/24 00:43	07/25/24 00:43	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/25/24 00:43	07/25/24 00:43	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/25/24 00:43	07/25/24 00:43	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/25/24 00:43	07/25/24 00:43	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.00	0.656	1	07/25/24 00:43	07/25/24 00:43	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/25/24 00:43	07/25/24 00:43	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/25/24 00:43	07/25/24 00:43	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/25/24 00:43	07/25/24 00:43	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/25/24 00:43	07/25/24 00:43	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/25/24 00:43	07/25/24 00:43	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/25/24 00:43	07/25/24 00:43	594-20-7	
2-Butanone (MEK)	ND	ug/L	10.0	1.19	1	07/25/24 00:43	07/25/24 00:43	78-93-3	
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/25/24 00:43	07/25/24 00:43	95-49-8	
2-Hexanone	ND	ug/L	10.0	0.787	1	07/25/24 00:43	07/25/24 00:43	591-78-6	
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/25/24 00:43	07/25/24 00:43	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/25/24 00:43	07/25/24 00:43	108-10-1	
Acetone	ND	ug/L	50.0	11.3	1	07/25/24 00:43	07/25/24 00:43	67-64-1	
Benzene	ND	ug/L	1.00	0.0941	1	07/25/24 00:43	07/25/24 00:43	71-43-2	
Bromobenzene	ND	ug/L	1.00	0.118	1	07/25/24 00:43	07/25/24 00:43	108-86-1	
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/25/24 00:43	07/25/24 00:43	74-97-5	
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/25/24 00:43	07/25/24 00:43	75-27-4	
Bromoform	ND	ug/L	1.00	0.129	1	07/25/24 00:43	07/25/24 00:43	75-25-2	
Bromomethane	ND	ug/L	5.00	0.605	1	07/25/24 00:43	07/25/24 00:43	74-83-9	
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/25/24 00:43	07/25/24 00:43	75-15-0	
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/25/24 00:43	07/25/24 00:43	56-23-5	
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/25/24 00:43	07/25/24 00:43	108-90-7	
Chloroethane	ND	ug/L	5.00	0.192	1	07/25/24 00:43	07/25/24 00:43	75-00-3	
Chloroform	ND	ug/L	5.00	0.111	1	07/25/24 00:43	07/25/24 00:43	67-66-3	
Chloromethane	ND	ug/L	2.50	0.960	1	07/25/24 00:43	07/25/24 00:43	74-87-3	
cis-1,2-Dichloroethene	0.287J	ug/L	1.00	0.126	1	07/31/24 00:09	07/31/24 00:09	156-59-2	H1,J
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/25/24 00:43	07/25/24 00:43	10061-01-5	
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/25/24 00:43	07/25/24 00:43	124-48-1	
Dibromomethane	ND	ug/L	1.00	0.122	1	07/25/24 00:43	07/25/24 00:43	74-95-3	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071524-CB-002		Lab ID: 60457070002		Collected: 07/15/24 12:03		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D		Analytical Method: EPA 8260D Preparation Method: 8260D Pace National - Mt. Juliet							
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/25/24 00:43	07/25/24 00:43	75-71-8	
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/25/24 00:43	07/25/24 00:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/25/24 00:43	07/25/24 00:43	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/25/24 00:43	07/25/24 00:43	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/25/24 00:43	07/25/24 00:43	1634-04-4	
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/25/24 00:43	07/25/24 00:43	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/25/24 00:43	07/25/24 00:43	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/25/24 00:43	07/25/24 00:43	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/25/24 00:43	07/25/24 00:43	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/25/24 00:43	07/25/24 00:43	91-20-3	C3
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/25/24 00:43	07/25/24 00:43	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/25/24 00:43	07/25/24 00:43	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/25/24 00:43	07/25/24 00:43	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/25/24 00:43	07/25/24 00:43	98-06-6	
Tetrachloroethene	ND	ug/L	1.00	0.300	1	07/25/24 00:43	07/25/24 00:43	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/25/24 00:43	07/25/24 00:43	108-88-3	
trans-1,2-Dichloroethene	ND	ug/L	1.00	0.149	1	07/25/24 00:43	07/25/24 00:43	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/25/24 00:43	07/25/24 00:43	10061-02-6	
Trichloroethene	ND	ug/L	1.00	0.190	1	07/31/24 00:09	07/31/24 00:09	79-01-6	H1
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/25/24 00:43	07/25/24 00:43	75-69-4	
Vinyl chloride	ND	ug/L	1.00	0.234	1	07/25/24 00:43	07/25/24 00:43	75-01-4	
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/25/24 00:43	07/25/24 00:43	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	117	%	70.0-130		1	07/25/24 00:43	07/25/24 00:43	17060-07-0	
1,2-Dichloroethane-d4 (S)	111	%	70.0-130		1	07/31/24 00:09	07/31/24 00:09	17060-07-0	
4-Bromofluorobenzene (S)	90.6	%	77.0-126		1	07/25/24 00:43	07/25/24 00:43	460-00-4	
4-Bromofluorobenzene (S)	92.8	%	77.0-126		1	07/31/24 00:09	07/31/24 00:09	460-00-4	
Toluene-d8 (S)	99.5	%	80.0-120		1	07/25/24 00:43	07/25/24 00:43	2037-26-5	
Toluene-d8 (S)	96.5	%	80.0-120		1	07/31/24 00:09	07/31/24 00:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071524-CB-003 Lab ID: 60457070003 Collected: 07/15/24 12:36 Received: 07/18/24 13:52 Matrix: Water

Parameters	Results	Units	Report	MDL	DF	Prepared	Analyzed	CAS No.	Qual
			Limit						
VOA (GC/MS) 8260D	Analytical Method: EPA 8260D Preparation Method: 8260D								
	Pace National - Mt. Juliet								
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/25/24 01:04	07/25/24 01:04	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/25/24 01:04	07/25/24 01:04	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/25/24 01:04	07/25/24 01:04	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/25/24 01:04	07/25/24 01:04	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.00	0.180	1	07/25/24 01:04	07/25/24 01:04	76-13-1	
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/25/24 01:04	07/25/24 01:04	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/25/24 01:04	07/25/24 01:04	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/25/24 01:04	07/25/24 01:04	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/25/24 01:04	07/25/24 01:04	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/25/24 01:04	07/25/24 01:04	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/25/24 01:04	07/25/24 01:04	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/25/24 01:04	07/25/24 01:04	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/25/24 01:04	07/25/24 01:04	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/25/24 01:04	07/25/24 01:04	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/25/24 01:04	07/25/24 01:04	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/25/24 01:04	07/25/24 01:04	107-06-2	
1,2-Dichloroethene (Total)	1.95	ug/L	1.00	0.656	1	07/25/24 01:04	07/25/24 01:04	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/25/24 01:04	07/25/24 01:04	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/25/24 01:04	07/25/24 01:04	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/25/24 01:04	07/25/24 01:04	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/25/24 01:04	07/25/24 01:04	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/25/24 01:04	07/25/24 01:04	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/25/24 01:04	07/25/24 01:04	594-20-7	
2-Butanone (MEK)	ND	ug/L	10.0	1.19	1	07/25/24 01:04	07/25/24 01:04	78-93-3	
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/25/24 01:04	07/25/24 01:04	95-49-8	
2-Hexanone	ND	ug/L	10.0	0.787	1	07/25/24 01:04	07/25/24 01:04	591-78-6	
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/25/24 01:04	07/25/24 01:04	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/25/24 01:04	07/25/24 01:04	108-10-1	
Acetone	ND	ug/L	50.0	11.3	1	07/25/24 01:04	07/25/24 01:04	67-64-1	
Benzene	ND	ug/L	1.00	0.0941	1	07/25/24 01:04	07/25/24 01:04	71-43-2	
Bromobenzene	ND	ug/L	1.00	0.118	1	07/25/24 01:04	07/25/24 01:04	108-86-1	
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/25/24 01:04	07/25/24 01:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/25/24 01:04	07/25/24 01:04	75-27-4	
Bromoform	ND	ug/L	1.00	0.129	1	07/25/24 01:04	07/25/24 01:04	75-25-2	
Bromomethane	ND	ug/L	5.00	0.605	1	07/25/24 01:04	07/25/24 01:04	74-83-9	
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/25/24 01:04	07/25/24 01:04	75-15-0	
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/25/24 01:04	07/25/24 01:04	56-23-5	
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/25/24 01:04	07/25/24 01:04	108-90-7	
Chloroethane	ND	ug/L	5.00	0.192	1	07/25/24 01:04	07/25/24 01:04	75-00-3	
Chloroform	ND	ug/L	5.00	0.111	1	07/25/24 01:04	07/25/24 01:04	67-66-3	
Chloromethane	ND	ug/L	2.50	0.960	1	07/25/24 01:04	07/25/24 01:04	74-87-3	
cis-1,2-Dichloroethene	1.95	ug/L	1.00	0.126	1	07/25/24 01:04	07/25/24 01:04	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/25/24 01:04	07/25/24 01:04	10061-01-5	
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/25/24 01:04	07/25/24 01:04	124-48-1	
Dibromomethane	ND	ug/L	1.00	0.122	1	07/25/24 01:04	07/25/24 01:04	74-95-3	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071524-CB-003		Lab ID: 60457070003		Collected: 07/15/24 12:36		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D		Analytical Method: EPA 8260D Preparation Method: 8260D Pace National - Mt. Juliet							
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/25/24 01:04	07/25/24 01:04	75-71-8	
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/25/24 01:04	07/25/24 01:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/25/24 01:04	07/25/24 01:04	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/25/24 01:04	07/25/24 01:04	98-82-8	
Methyl-tert-butyl ether	0.677J	ug/L	1.00	0.101	1	07/25/24 01:04	07/25/24 01:04	1634-04-4	J
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/25/24 01:04	07/25/24 01:04	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/25/24 01:04	07/25/24 01:04	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/25/24 01:04	07/25/24 01:04	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/25/24 01:04	07/25/24 01:04	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/25/24 01:04	07/25/24 01:04	91-20-3	C3
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/25/24 01:04	07/25/24 01:04	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/25/24 01:04	07/25/24 01:04	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/25/24 01:04	07/25/24 01:04	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/25/24 01:04	07/25/24 01:04	98-06-6	
Tetrachloroethene	ND	ug/L	1.00	0.300	1	07/25/24 01:04	07/25/24 01:04	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/25/24 01:04	07/25/24 01:04	108-88-3	
trans-1,2-Dichloroethene	ND	ug/L	1.00	0.149	1	07/25/24 01:04	07/25/24 01:04	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/25/24 01:04	07/25/24 01:04	10061-02-6	
Trichloroethene	ND	ug/L	1.00	0.190	1	07/25/24 01:04	07/25/24 01:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/25/24 01:04	07/25/24 01:04	75-69-4	
Vinyl chloride	ND	ug/L	1.00	0.234	1	07/25/24 01:04	07/25/24 01:04	75-01-4	
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/25/24 01:04	07/25/24 01:04	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	122	%	70.0-130		1	07/25/24 01:04	07/25/24 01:04	17060-07-0	
4-Bromofluorobenzene (S)	93.9	%	77.0-126		1	07/25/24 01:04	07/25/24 01:04	460-00-4	
Toluene-d8 (S)	98.8	%	80.0-120		1	07/25/24 01:04	07/25/24 01:04	2037-26-5	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071524-CB-004 Lab ID: 60457070004 Collected: 07/15/24 13:59 Received: 07/18/24 13:52 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
VOA (GC/MS) 8260D Analytical Method: EPA 8260D Preparation Method: 8260D Pace National - Mt. Juliet									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/25/24 01:24	07/25/24 01:24	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/25/24 01:24	07/25/24 01:24	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/25/24 01:24	07/25/24 01:24	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/25/24 01:24	07/25/24 01:24	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.00	0.180	1	07/25/24 01:24	07/25/24 01:24	76-13-1	
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/25/24 01:24	07/25/24 01:24	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/25/24 01:24	07/25/24 01:24	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/25/24 01:24	07/25/24 01:24	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/25/24 01:24	07/25/24 01:24	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/25/24 01:24	07/25/24 01:24	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/25/24 01:24	07/25/24 01:24	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/25/24 01:24	07/25/24 01:24	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/25/24 01:24	07/25/24 01:24	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/25/24 01:24	07/25/24 01:24	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/25/24 01:24	07/25/24 01:24	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/25/24 01:24	07/25/24 01:24	107-06-2	
1,2-Dichloroethene (Total)	0.879J	ug/L	1.00	0.656	1	07/25/24 01:24	07/25/24 01:24	540-59-0	J
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/25/24 01:24	07/25/24 01:24	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/25/24 01:24	07/25/24 01:24	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/25/24 01:24	07/25/24 01:24	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/25/24 01:24	07/25/24 01:24	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/25/24 01:24	07/25/24 01:24	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/25/24 01:24	07/25/24 01:24	594-20-7	
2-Butanone (MEK)	ND	ug/L	10.0	1.19	1	07/25/24 01:24	07/25/24 01:24	78-93-3	
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/25/24 01:24	07/25/24 01:24	95-49-8	
2-Hexanone	ND	ug/L	10.0	0.787	1	07/25/24 01:24	07/25/24 01:24	591-78-6	
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/25/24 01:24	07/25/24 01:24	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/25/24 01:24	07/25/24 01:24	108-10-1	
Acetone	ND	ug/L	50.0	11.3	1	07/25/24 01:24	07/25/24 01:24	67-64-1	
Benzene	ND	ug/L	1.00	0.0941	1	07/25/24 01:24	07/25/24 01:24	71-43-2	
Bromobenzene	ND	ug/L	1.00	0.118	1	07/25/24 01:24	07/25/24 01:24	108-86-1	
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/25/24 01:24	07/25/24 01:24	74-97-5	
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/25/24 01:24	07/25/24 01:24	75-27-4	
Bromoform	ND	ug/L	1.00	0.129	1	07/25/24 01:24	07/25/24 01:24	75-25-2	
Bromomethane	ND	ug/L	5.00	0.605	1	07/25/24 01:24	07/25/24 01:24	74-83-9	
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/25/24 01:24	07/25/24 01:24	75-15-0	
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/25/24 01:24	07/25/24 01:24	56-23-5	
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/25/24 01:24	07/25/24 01:24	108-90-7	
Chloroethane	ND	ug/L	5.00	0.192	1	07/25/24 01:24	07/25/24 01:24	75-00-3	
Chloroform	ND	ug/L	5.00	0.111	1	07/25/24 01:24	07/25/24 01:24	67-66-3	
Chloromethane	ND	ug/L	2.50	0.960	1	07/25/24 01:24	07/25/24 01:24	74-87-3	
cis-1,2-Dichloroethene	0.879J	ug/L	1.00	0.126	1	07/25/24 01:24	07/25/24 01:24	156-59-2	J
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/25/24 01:24	07/25/24 01:24	10061-01-5	
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/25/24 01:24	07/25/24 01:24	124-48-1	
Dibromomethane	ND	ug/L	1.00	0.122	1	07/25/24 01:24	07/25/24 01:24	74-95-3	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071524-CB-004		Lab ID: 60457070004		Collected: 07/15/24 13:59		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/25/24 01:24	07/25/24 01:24	75-71-8	
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/25/24 01:24	07/25/24 01:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/25/24 01:24	07/25/24 01:24	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/25/24 01:24	07/25/24 01:24	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/25/24 01:24	07/25/24 01:24	1634-04-4	
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/25/24 01:24	07/25/24 01:24	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/25/24 01:24	07/25/24 01:24	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/25/24 01:24	07/25/24 01:24	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/25/24 01:24	07/25/24 01:24	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/25/24 01:24	07/25/24 01:24	91-20-3	C3
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/25/24 01:24	07/25/24 01:24	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/25/24 01:24	07/25/24 01:24	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/25/24 01:24	07/25/24 01:24	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/25/24 01:24	07/25/24 01:24	98-06-6	
Tetrachloroethene	4.87	ug/L	1.00	0.300	1	07/25/24 01:24	07/25/24 01:24	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/25/24 01:24	07/25/24 01:24	108-88-3	
trans-1,2-Dichloroethene	ND	ug/L	1.00	0.149	1	07/25/24 01:24	07/25/24 01:24	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/25/24 01:24	07/25/24 01:24	10061-02-6	
Trichloroethene	0.931J	ug/L	1.00	0.190	1	07/25/24 01:24	07/25/24 01:24	79-01-6	J
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/25/24 01:24	07/25/24 01:24	75-69-4	
Vinyl chloride	ND	ug/L	1.00	0.234	1	07/25/24 01:24	07/25/24 01:24	75-01-4	
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/25/24 01:24	07/25/24 01:24	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	124	%	70.0-130		1	07/25/24 01:24	07/25/24 01:24	17060-07-0	
4-Bromofluorobenzene (S)	89.0	%	77.0-126		1	07/25/24 01:24	07/25/24 01:24	460-00-4	
Toluene-d8 (S)	99.7	%	80.0-120		1	07/25/24 01:24	07/25/24 01:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071524-CB-005 Lab ID: 60457070005 Collected: 07/15/24 15:03 Received: 07/18/24 13:52 Matrix: Water

Parameters	Results	Units	Report		MDL	DF	Prepared	Analyzed	CAS No.	Qual
			Limit							
VOA (GC/MS) 8260D			Analytical Method: EPA 8260D Preparation Method: 8260D							
			Pace National - Mt. Juliet							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/25/24 01:44	07/25/24 01:44	630-20-6		
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/25/24 01:44	07/25/24 01:44	71-55-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/25/24 01:44	07/25/24 01:44	79-34-5		
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/25/24 01:44	07/25/24 01:44	79-00-5		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.00	0.180	1	07/25/24 01:44	07/25/24 01:44	76-13-1		
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/25/24 01:44	07/25/24 01:44	75-34-3		
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/25/24 01:44	07/25/24 01:44	75-35-4		
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/25/24 01:44	07/25/24 01:44	563-58-6		
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/25/24 01:44	07/25/24 01:44	87-61-6		
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/25/24 01:44	07/25/24 01:44	96-18-4		
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/25/24 01:44	07/25/24 01:44	120-82-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/25/24 01:44	07/25/24 01:44	95-63-6		
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/25/24 01:44	07/25/24 01:44	96-12-8		
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/25/24 01:44	07/25/24 01:44	106-93-4		
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/25/24 01:44	07/25/24 01:44	95-50-1		
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/25/24 01:44	07/25/24 01:44	107-06-2		
1,2-Dichloroethene (Total)	ND	ug/L	1.00	0.656	1	07/25/24 01:44	07/25/24 01:44	540-59-0		
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/25/24 01:44	07/25/24 01:44	78-87-5		
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/25/24 01:44	07/25/24 01:44	108-67-8		
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/25/24 01:44	07/25/24 01:44	541-73-1		
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/25/24 01:44	07/25/24 01:44	142-28-9		
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/25/24 01:44	07/25/24 01:44	106-46-7		
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/25/24 01:44	07/25/24 01:44	594-20-7		
2-Butanone (MEK)	ND	ug/L	10.0	1.19	1	07/25/24 01:44	07/25/24 01:44	78-93-3		
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/25/24 01:44	07/25/24 01:44	95-49-8		
2-Hexanone	ND	ug/L	10.0	0.787	1	07/25/24 01:44	07/25/24 01:44	591-78-6		
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/25/24 01:44	07/25/24 01:44	106-43-4		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/25/24 01:44	07/25/24 01:44	108-10-1		
Acetone	ND	ug/L	50.0	11.3	1	07/25/24 01:44	07/25/24 01:44	67-64-1		
Benzene	ND	ug/L	1.00	0.0941	1	07/25/24 01:44	07/25/24 01:44	71-43-2		
Bromobenzene	ND	ug/L	1.00	0.118	1	07/25/24 01:44	07/25/24 01:44	108-86-1		
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/25/24 01:44	07/25/24 01:44	74-97-5		
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/25/24 01:44	07/25/24 01:44	75-27-4		
Bromoform	ND	ug/L	1.00	0.129	1	07/25/24 01:44	07/25/24 01:44	75-25-2		
Bromomethane	ND	ug/L	5.00	0.605	1	07/25/24 01:44	07/25/24 01:44	74-83-9		
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/25/24 01:44	07/25/24 01:44	75-15-0		
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/25/24 01:44	07/25/24 01:44	56-23-5		
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/25/24 01:44	07/25/24 01:44	108-90-7		
Chloroethane	ND	ug/L	5.00	0.192	1	07/25/24 01:44	07/25/24 01:44	75-00-3		
Chloroform	ND	ug/L	5.00	0.111	1	07/25/24 01:44	07/25/24 01:44	67-66-3		
Chloromethane	ND	ug/L	2.50	0.960	1	07/25/24 01:44	07/25/24 01:44	74-87-3		
cis-1,2-Dichloroethene	0.325J	ug/L	1.00	0.126	1	07/25/24 01:44	07/25/24 01:44	156-59-2		J
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/25/24 01:44	07/25/24 01:44	10061-01-5		
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/25/24 01:44	07/25/24 01:44	124-48-1		
Dibromomethane	ND	ug/L	1.00	0.122	1	07/25/24 01:44	07/25/24 01:44	74-95-3		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071524-CB-005		Lab ID: 60457070005		Collected: 07/15/24 15:03		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/25/24 01:44	07/25/24 01:44	75-71-8	
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/25/24 01:44	07/25/24 01:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/25/24 01:44	07/25/24 01:44	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/25/24 01:44	07/25/24 01:44	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/25/24 01:44	07/25/24 01:44	1634-04-4	
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/25/24 01:44	07/25/24 01:44	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/25/24 01:44	07/25/24 01:44	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/25/24 01:44	07/25/24 01:44	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/25/24 01:44	07/25/24 01:44	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/25/24 01:44	07/25/24 01:44	91-20-3	C3
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/25/24 01:44	07/25/24 01:44	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/25/24 01:44	07/25/24 01:44	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/25/24 01:44	07/25/24 01:44	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/25/24 01:44	07/25/24 01:44	98-06-6	
Tetrachloroethene	ND	ug/L	1.00	0.300	1	07/25/24 01:44	07/25/24 01:44	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/25/24 01:44	07/25/24 01:44	108-88-3	
trans-1,2-Dichloroethene	ND	ug/L	1.00	0.149	1	07/25/24 01:44	07/25/24 01:44	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/25/24 01:44	07/25/24 01:44	10061-02-6	
Trichloroethene	ND	ug/L	1.00	0.190	1	07/25/24 01:44	07/25/24 01:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/25/24 01:44	07/25/24 01:44	75-69-4	
Vinyl chloride	ND	ug/L	1.00	0.234	1	07/25/24 01:44	07/25/24 01:44	75-01-4	
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/25/24 01:44	07/25/24 01:44	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	120	%	70.0-130		1	07/25/24 01:44	07/25/24 01:44	17060-07-0	
4-Bromofluorobenzene (S)	91.8	%	77.0-126		1	07/25/24 01:44	07/25/24 01:44	460-00-4	
Toluene-d8 (S)	102	%	80.0-120		1	07/25/24 01:44	07/25/24 01:44	2037-26-5	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071524-CB-006 Lab ID: 60457070006 Collected: 07/15/24 15:42 Received: 07/18/24 13:52 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/25/24 02:05	07/25/24 02:05	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/25/24 02:05	07/25/24 02:05	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/25/24 02:05	07/25/24 02:05	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/25/24 02:05	07/25/24 02:05	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.00	0.180	1	07/25/24 02:05	07/25/24 02:05	76-13-1	
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/25/24 02:05	07/25/24 02:05	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/25/24 02:05	07/25/24 02:05	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/25/24 02:05	07/25/24 02:05	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/25/24 02:05	07/25/24 02:05	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/25/24 02:05	07/25/24 02:05	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/25/24 02:05	07/25/24 02:05	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/25/24 02:05	07/25/24 02:05	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/25/24 02:05	07/25/24 02:05	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/25/24 02:05	07/25/24 02:05	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/25/24 02:05	07/25/24 02:05	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/25/24 02:05	07/25/24 02:05	107-06-2	
1,2-Dichloroethene (Total)	33.7	ug/L	1.00	0.656	1	07/25/24 02:05	07/25/24 02:05	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/25/24 02:05	07/25/24 02:05	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/25/24 02:05	07/25/24 02:05	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/25/24 02:05	07/25/24 02:05	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/25/24 02:05	07/25/24 02:05	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/25/24 02:05	07/25/24 02:05	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/25/24 02:05	07/25/24 02:05	594-20-7	
2-Butanone (MEK)	ND	ug/L	10.0	1.19	1	07/25/24 02:05	07/25/24 02:05	78-93-3	
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/25/24 02:05	07/25/24 02:05	95-49-8	
2-Hexanone	ND	ug/L	10.0	0.787	1	07/25/24 02:05	07/25/24 02:05	591-78-6	
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/25/24 02:05	07/25/24 02:05	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/25/24 02:05	07/25/24 02:05	108-10-1	
Acetone	ND	ug/L	50.0	11.3	1	07/25/24 02:05	07/25/24 02:05	67-64-1	
Benzene	ND	ug/L	1.00	0.0941	1	07/25/24 02:05	07/25/24 02:05	71-43-2	
Bromobenzene	ND	ug/L	1.00	0.118	1	07/25/24 02:05	07/25/24 02:05	108-86-1	
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/25/24 02:05	07/25/24 02:05	74-97-5	
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/25/24 02:05	07/25/24 02:05	75-27-4	
Bromoform	ND	ug/L	1.00	0.129	1	07/25/24 02:05	07/25/24 02:05	75-25-2	
Bromomethane	ND	ug/L	5.00	0.605	1	07/25/24 02:05	07/25/24 02:05	74-83-9	
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/25/24 02:05	07/25/24 02:05	75-15-0	
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/25/24 02:05	07/25/24 02:05	56-23-5	
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/25/24 02:05	07/25/24 02:05	108-90-7	
Chloroethane	ND	ug/L	5.00	0.192	1	07/25/24 02:05	07/25/24 02:05	75-00-3	
Chloroform	ND	ug/L	5.00	0.111	1	07/25/24 02:05	07/25/24 02:05	67-66-3	
Chloromethane	ND	ug/L	2.50	0.960	1	07/25/24 02:05	07/25/24 02:05	74-87-3	
cis-1,2-Dichloroethene	32.9	ug/L	1.00	0.126	1	07/25/24 02:05	07/25/24 02:05	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/25/24 02:05	07/25/24 02:05	10061-01-5	
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/25/24 02:05	07/25/24 02:05	124-48-1	
Dibromomethane	ND	ug/L	1.00	0.122	1	07/25/24 02:05	07/25/24 02:05	74-95-3	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071524-CB-006		Lab ID: 60457070006		Collected: 07/15/24 15:42		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/25/24 02:05	07/25/24 02:05	75-71-8	
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/25/24 02:05	07/25/24 02:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/25/24 02:05	07/25/24 02:05	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/25/24 02:05	07/25/24 02:05	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/25/24 02:05	07/25/24 02:05	1634-04-4	
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/25/24 02:05	07/25/24 02:05	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/25/24 02:05	07/25/24 02:05	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/25/24 02:05	07/25/24 02:05	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/25/24 02:05	07/25/24 02:05	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/25/24 02:05	07/25/24 02:05	91-20-3	C3
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/25/24 02:05	07/25/24 02:05	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/25/24 02:05	07/25/24 02:05	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/25/24 02:05	07/25/24 02:05	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/25/24 02:05	07/25/24 02:05	98-06-6	
Tetrachloroethene	ND	ug/L	1.00	0.300	1	07/25/24 02:05	07/25/24 02:05	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/25/24 02:05	07/25/24 02:05	108-88-3	
trans-1,2-Dichloroethene	0.781J	ug/L	1.00	0.149	1	07/25/24 02:05	07/25/24 02:05	156-60-5	J
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/25/24 02:05	07/25/24 02:05	10061-02-6	
Trichloroethene	ND	ug/L	1.00	0.190	1	07/25/24 02:05	07/25/24 02:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/25/24 02:05	07/25/24 02:05	75-69-4	
Vinyl chloride	21.1	ug/L	1.00	0.234	1	07/25/24 02:05	07/25/24 02:05	75-01-4	C5
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/25/24 02:05	07/25/24 02:05	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	119	%	70.0-130		1	07/25/24 02:05	07/25/24 02:05	17060-07-0	
4-Bromofluorobenzene (S)	94.6	%	77.0-126		1	07/25/24 02:05	07/25/24 02:05	460-00-4	
Toluene-d8 (S)	103	%	80.0-120		1	07/25/24 02:05	07/25/24 02:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071524-CB-007 Lab ID: 60457070007 Collected: 07/15/24 16:09 Received: 07/18/24 13:52 Matrix: Water

Parameters	Results	Units	Report		MDL	DF	Prepared	Analyzed	CAS No.	Qual
			Limit							
VOA (GC/MS) 8260D			Analytical Method: EPA 8260D Preparation Method: 8260D							
			Pace National - Mt. Juliet							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/25/24 02:25	07/25/24 02:25	630-20-6		
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/25/24 02:25	07/25/24 02:25	71-55-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/25/24 02:25	07/25/24 02:25	79-34-5		
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/25/24 02:25	07/25/24 02:25	79-00-5		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.00	0.180	1	07/25/24 02:25	07/25/24 02:25	76-13-1		
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/25/24 02:25	07/25/24 02:25	75-34-3		
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/25/24 02:25	07/25/24 02:25	75-35-4		
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/25/24 02:25	07/25/24 02:25	563-58-6		
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/25/24 02:25	07/25/24 02:25	87-61-6		
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/25/24 02:25	07/25/24 02:25	96-18-4		
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/25/24 02:25	07/25/24 02:25	120-82-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/25/24 02:25	07/25/24 02:25	95-63-6		
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/25/24 02:25	07/25/24 02:25	96-12-8		
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/25/24 02:25	07/25/24 02:25	106-93-4		
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/25/24 02:25	07/25/24 02:25	95-50-1		
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/25/24 02:25	07/25/24 02:25	107-06-2		
1,2-Dichloroethene (Total)	1.60	ug/L	1.00	0.656	1	07/25/24 02:25	07/25/24 02:25	540-59-0		
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/25/24 02:25	07/25/24 02:25	78-87-5		
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/25/24 02:25	07/25/24 02:25	108-67-8		
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/25/24 02:25	07/25/24 02:25	541-73-1		
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/25/24 02:25	07/25/24 02:25	142-28-9		
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/25/24 02:25	07/25/24 02:25	106-46-7		
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/25/24 02:25	07/25/24 02:25	594-20-7		
2-Butanone (MEK)	ND	ug/L	10.0	1.19	1	07/25/24 02:25	07/25/24 02:25	78-93-3		
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/25/24 02:25	07/25/24 02:25	95-49-8		
2-Hexanone	ND	ug/L	10.0	0.787	1	07/25/24 02:25	07/25/24 02:25	591-78-6		
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/25/24 02:25	07/25/24 02:25	106-43-4		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/25/24 02:25	07/25/24 02:25	108-10-1		
Acetone	ND	ug/L	50.0	11.3	1	07/25/24 02:25	07/25/24 02:25	67-64-1		
Benzene	ND	ug/L	1.00	0.0941	1	07/25/24 02:25	07/25/24 02:25	71-43-2		
Bromobenzene	ND	ug/L	1.00	0.118	1	07/25/24 02:25	07/25/24 02:25	108-86-1		
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/25/24 02:25	07/25/24 02:25	74-97-5		
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/25/24 02:25	07/25/24 02:25	75-27-4		
Bromoform	ND	ug/L	1.00	0.129	1	07/25/24 02:25	07/25/24 02:25	75-25-2		
Bromomethane	ND	ug/L	5.00	0.605	1	07/25/24 02:25	07/25/24 02:25	74-83-9		
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/25/24 02:25	07/25/24 02:25	75-15-0		
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/25/24 02:25	07/25/24 02:25	56-23-5		
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/25/24 02:25	07/25/24 02:25	108-90-7		
Chloroethane	ND	ug/L	5.00	0.192	1	07/25/24 02:25	07/25/24 02:25	75-00-3		
Chloroform	ND	ug/L	5.00	0.111	1	07/25/24 02:25	07/25/24 02:25	67-66-3		
Chloromethane	ND	ug/L	2.50	0.960	1	07/25/24 02:25	07/25/24 02:25	74-87-3		
cis-1,2-Dichloroethene	1.60	ug/L	1.00	0.126	1	07/25/24 02:25	07/25/24 02:25	156-59-2		
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/25/24 02:25	07/25/24 02:25	10061-01-5		
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/25/24 02:25	07/25/24 02:25	124-48-1		
Dibromomethane	ND	ug/L	1.00	0.122	1	07/25/24 02:25	07/25/24 02:25	74-95-3		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071524-CB-007		Lab ID: 60457070007		Collected: 07/15/24 16:09		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D		Analytical Method: EPA 8260D Preparation Method: 8260D Pace National - Mt. Juliet							
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/25/24 02:25	07/25/24 02:25	75-71-8	
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/25/24 02:25	07/25/24 02:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/25/24 02:25	07/25/24 02:25	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/25/24 02:25	07/25/24 02:25	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/25/24 02:25	07/25/24 02:25	1634-04-4	
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/25/24 02:25	07/25/24 02:25	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/25/24 02:25	07/25/24 02:25	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/25/24 02:25	07/25/24 02:25	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/25/24 02:25	07/25/24 02:25	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/25/24 02:25	07/25/24 02:25	91-20-3	C3
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/25/24 02:25	07/25/24 02:25	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/25/24 02:25	07/25/24 02:25	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/25/24 02:25	07/25/24 02:25	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/25/24 02:25	07/25/24 02:25	98-06-6	
Tetrachloroethene	ND	ug/L	1.00	0.300	1	07/25/24 02:25	07/25/24 02:25	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/25/24 02:25	07/25/24 02:25	108-88-3	
trans-1,2-Dichloroethene	ND	ug/L	1.00	0.149	1	07/25/24 02:25	07/25/24 02:25	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/25/24 02:25	07/25/24 02:25	10061-02-6	
Trichloroethene	ND	ug/L	1.00	0.190	1	07/25/24 02:25	07/25/24 02:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/25/24 02:25	07/25/24 02:25	75-69-4	
Vinyl chloride	ND	ug/L	1.00	0.234	1	07/25/24 02:25	07/25/24 02:25	75-01-4	
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/25/24 02:25	07/25/24 02:25	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	121	%	70.0-130		1	07/25/24 02:25	07/25/24 02:25	17060-07-0	
4-Bromofluorobenzene (S)	93.8	%	77.0-126		1	07/25/24 02:25	07/25/24 02:25	460-00-4	
Toluene-d8 (S)	102	%	80.0-120		1	07/25/24 02:25	07/25/24 02:25	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: TRIP BLANK		Lab ID: 60457070008		Collected: 07/15/24 08:00		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/25/24 02:45	07/25/24 02:45	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/25/24 02:45	07/25/24 02:45	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/25/24 02:45	07/25/24 02:45	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/25/24 02:45	07/25/24 02:45	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.00	0.180	1	07/25/24 02:45	07/25/24 02:45	76-13-1	
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/25/24 02:45	07/25/24 02:45	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/25/24 02:45	07/25/24 02:45	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/25/24 02:45	07/25/24 02:45	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/25/24 02:45	07/25/24 02:45	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/25/24 02:45	07/25/24 02:45	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/25/24 02:45	07/25/24 02:45	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/25/24 02:45	07/25/24 02:45	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/25/24 02:45	07/25/24 02:45	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/25/24 02:45	07/25/24 02:45	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/25/24 02:45	07/25/24 02:45	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/25/24 02:45	07/25/24 02:45	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.00	0.656	1	07/25/24 02:45	07/25/24 02:45	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/25/24 02:45	07/25/24 02:45	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/25/24 02:45	07/25/24 02:45	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/25/24 02:45	07/25/24 02:45	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/25/24 02:45	07/25/24 02:45	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/25/24 02:45	07/25/24 02:45	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/25/24 02:45	07/25/24 02:45	594-20-7	
2-Butanone (MEK)	ND	ug/L	10.0	1.19	1	07/25/24 02:45	07/25/24 02:45	78-93-3	
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/25/24 02:45	07/25/24 02:45	95-49-8	
2-Hexanone	ND	ug/L	10.0	0.787	1	07/25/24 02:45	07/25/24 02:45	591-78-6	
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/25/24 02:45	07/25/24 02:45	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/25/24 02:45	07/25/24 02:45	108-10-1	
Acetone	ND	ug/L	50.0	11.3	1	07/25/24 02:45	07/25/24 02:45	67-64-1	
Benzene	ND	ug/L	1.00	0.0941	1	07/25/24 02:45	07/25/24 02:45	71-43-2	
Bromobenzene	ND	ug/L	1.00	0.118	1	07/25/24 02:45	07/25/24 02:45	108-86-1	
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/25/24 02:45	07/25/24 02:45	74-97-5	
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/25/24 02:45	07/25/24 02:45	75-27-4	
Bromoform	ND	ug/L	1.00	0.129	1	07/25/24 02:45	07/25/24 02:45	75-25-2	
Bromomethane	ND	ug/L	5.00	0.605	1	07/25/24 02:45	07/25/24 02:45	74-83-9	
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/25/24 02:45	07/25/24 02:45	75-15-0	
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/25/24 02:45	07/25/24 02:45	56-23-5	
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/25/24 02:45	07/25/24 02:45	108-90-7	
Chloroethane	ND	ug/L	5.00	0.192	1	07/25/24 02:45	07/25/24 02:45	75-00-3	
Chloroform	ND	ug/L	5.00	0.111	1	07/25/24 02:45	07/25/24 02:45	67-66-3	
Chloromethane	ND	ug/L	2.50	0.960	1	07/25/24 02:45	07/25/24 02:45	74-87-3	
cis-1,2-Dichloroethene	ND	ug/L	1.00	0.126	1	07/25/24 02:45	07/25/24 02:45	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/25/24 02:45	07/25/24 02:45	10061-01-5	
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/25/24 02:45	07/25/24 02:45	124-48-1	
Dibromomethane	ND	ug/L	1.00	0.122	1	07/25/24 02:45	07/25/24 02:45	74-95-3	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: TRIP BLANK		Lab ID: 60457070008		Collected: 07/15/24 08:00		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D		Analytical Method: EPA 8260D Preparation Method: 8260D Pace National - Mt. Juliet							
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/25/24 02:45	07/25/24 02:45	75-71-8	
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/25/24 02:45	07/25/24 02:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/25/24 02:45	07/25/24 02:45	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/25/24 02:45	07/25/24 02:45	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/25/24 02:45	07/25/24 02:45	1634-04-4	
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/25/24 02:45	07/25/24 02:45	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/25/24 02:45	07/25/24 02:45	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/25/24 02:45	07/25/24 02:45	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/25/24 02:45	07/25/24 02:45	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/25/24 02:45	07/25/24 02:45	91-20-3	C3
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/25/24 02:45	07/25/24 02:45	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/25/24 02:45	07/25/24 02:45	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/25/24 02:45	07/25/24 02:45	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/25/24 02:45	07/25/24 02:45	98-06-6	
Tetrachloroethene	ND	ug/L	1.00	0.300	1	07/25/24 02:45	07/25/24 02:45	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/25/24 02:45	07/25/24 02:45	108-88-3	
trans-1,2-Dichloroethene	ND	ug/L	1.00	0.149	1	07/25/24 02:45	07/25/24 02:45	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/25/24 02:45	07/25/24 02:45	10061-02-6	
Trichloroethene	ND	ug/L	1.00	0.190	1	07/25/24 02:45	07/25/24 02:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/25/24 02:45	07/25/24 02:45	75-69-4	
Vinyl chloride	ND	ug/L	1.00	0.234	1	07/25/24 02:45	07/25/24 02:45	75-01-4	
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/25/24 02:45	07/25/24 02:45	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	118	%	70.0-130		1	07/25/24 02:45	07/25/24 02:45	17060-07-0	
4-Bromofluorobenzene (S)	91.9	%	77.0-126		1	07/25/24 02:45	07/25/24 02:45	460-00-4	
Toluene-d8 (S)	102	%	80.0-120		1	07/25/24 02:45	07/25/24 02:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071624-CB-008 Lab ID: 60457070009 Collected: 07/16/24 12:47 Received: 07/18/24 13:52 Matrix: Water

Parameters	Results	Units	Report		MDL	DF	Prepared	Analyzed	CAS No.	Qual
			Limit							
VOA (GC/MS) 8260D										
Analytical Method: EPA 8260D Preparation Method: 8260D										
Pace National - Mt. Juliet										
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/27/24 12:13	07/27/24 12:13	630-20-6		
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/27/24 12:13	07/27/24 12:13	71-55-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/27/24 12:13	07/27/24 12:13	79-34-5		
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/27/24 12:13	07/27/24 12:13	79-00-5		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.00	0.180	1	07/27/24 12:13	07/27/24 12:13	76-13-1		
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/27/24 12:13	07/27/24 12:13	75-34-3		
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/27/24 12:13	07/27/24 12:13	75-35-4		
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/27/24 12:13	07/27/24 12:13	563-58-6		
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/27/24 12:13	07/27/24 12:13	87-61-6		
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/27/24 12:13	07/27/24 12:13	96-18-4		
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/27/24 12:13	07/27/24 12:13	120-82-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/27/24 12:13	07/27/24 12:13	95-63-6		
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/27/24 12:13	07/27/24 12:13	96-12-8		C3
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/27/24 12:13	07/27/24 12:13	106-93-4		
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/27/24 12:13	07/27/24 12:13	95-50-1		
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/27/24 12:13	07/27/24 12:13	107-06-2		
1,2-Dichloroethene (Total)	ND	ug/L	1.00	0.656	1	07/27/24 12:13	07/27/24 12:13	540-59-0		
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/27/24 12:13	07/27/24 12:13	78-87-5		
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/27/24 12:13	07/27/24 12:13	108-67-8		
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/27/24 12:13	07/27/24 12:13	541-73-1		
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/27/24 12:13	07/27/24 12:13	142-28-9		
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/27/24 12:13	07/27/24 12:13	106-46-7		
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/27/24 12:13	07/27/24 12:13	594-20-7		
2-Butanone (MEK)	ND	ug/L	10.0	1.19	1	07/27/24 12:13	07/27/24 12:13	78-93-3		
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/27/24 12:13	07/27/24 12:13	95-49-8		
2-Hexanone	ND	ug/L	10.0	0.787	1	07/27/24 12:13	07/27/24 12:13	591-78-6		
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/27/24 12:13	07/27/24 12:13	106-43-4		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/27/24 12:13	07/27/24 12:13	108-10-1		
Acetone	ND	ug/L	50.0	11.3	1	07/27/24 12:13	07/27/24 12:13	67-64-1		
Benzene	ND	ug/L	1.00	0.0941	1	07/27/24 12:13	07/27/24 12:13	71-43-2		
Bromobenzene	ND	ug/L	1.00	0.118	1	07/27/24 12:13	07/27/24 12:13	108-86-1		
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/27/24 12:13	07/27/24 12:13	74-97-5		
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/27/24 12:13	07/27/24 12:13	75-27-4		
Bromoform	ND	ug/L	1.00	0.129	1	07/27/24 12:13	07/27/24 12:13	75-25-2		
Bromomethane	ND	ug/L	5.00	0.605	1	07/27/24 12:13	07/27/24 12:13	74-83-9		C3
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/27/24 12:13	07/27/24 12:13	75-15-0		
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/27/24 12:13	07/27/24 12:13	56-23-5		
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/27/24 12:13	07/27/24 12:13	108-90-7		
Chloroethane	ND	ug/L	5.00	0.192	1	07/27/24 12:13	07/27/24 12:13	75-00-3		
Chloroform	ND	ug/L	5.00	0.111	1	07/27/24 12:13	07/27/24 12:13	67-66-3		
Chloromethane	ND	ug/L	2.50	0.960	1	07/27/24 12:13	07/27/24 12:13	74-87-3		
cis-1,2-Dichloroethene	ND	ug/L	1.00	0.126	1	07/27/24 12:13	07/27/24 12:13	156-59-2		
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/27/24 12:13	07/27/24 12:13	10061-01-5		
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/27/24 12:13	07/27/24 12:13	124-48-1		
Dibromomethane	ND	ug/L	1.00	0.122	1	07/27/24 12:13	07/27/24 12:13	74-95-3		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071624-CB-008		Lab ID: 60457070009		Collected: 07/16/24 12:47		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/27/24 12:13	07/27/24 12:13	75-71-8	
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/27/24 12:13	07/27/24 12:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/27/24 12:13	07/27/24 12:13	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/27/24 12:13	07/27/24 12:13	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/27/24 12:13	07/27/24 12:13	1634-04-4	
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/27/24 12:13	07/27/24 12:13	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/27/24 12:13	07/27/24 12:13	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/27/24 12:13	07/27/24 12:13	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/27/24 12:13	07/27/24 12:13	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/27/24 12:13	07/27/24 12:13	91-20-3	C3
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/27/24 12:13	07/27/24 12:13	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/27/24 12:13	07/27/24 12:13	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/27/24 12:13	07/27/24 12:13	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/27/24 12:13	07/27/24 12:13	98-06-6	
Tetrachloroethene	ND	ug/L	1.00	0.300	1	07/27/24 12:13	07/27/24 12:13	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/27/24 12:13	07/27/24 12:13	108-88-3	
trans-1,2-Dichloroethene	ND	ug/L	1.00	0.149	1	07/27/24 12:13	07/27/24 12:13	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/27/24 12:13	07/27/24 12:13	10061-02-6	
Trichloroethene	ND	ug/L	1.00	0.190	1	07/27/24 12:13	07/27/24 12:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/27/24 12:13	07/27/24 12:13	75-69-4	
Vinyl chloride	ND	ug/L	1.00	0.234	1	07/27/24 12:13	07/27/24 12:13	75-01-4	
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/27/24 12:13	07/27/24 12:13	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70.0-130		1	07/27/24 12:13	07/27/24 12:13	17060-07-0	
4-Bromofluorobenzene (S)	99.9	%	77.0-126		1	07/27/24 12:13	07/27/24 12:13	460-00-4	
Toluene-d8 (S)	112	%	80.0-120		1	07/27/24 12:13	07/27/24 12:13	2037-26-5	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071624-CB-009		Lab ID: 60457070010		Collected: 07/16/24 12:50		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/27/24 12:34	07/27/24 12:34	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/27/24 12:34	07/27/24 12:34	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/27/24 12:34	07/27/24 12:34	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/27/24 12:34	07/27/24 12:34	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.00	0.180	1	07/27/24 12:34	07/27/24 12:34	76-13-1	
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/27/24 12:34	07/27/24 12:34	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/27/24 12:34	07/27/24 12:34	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/27/24 12:34	07/27/24 12:34	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/27/24 12:34	07/27/24 12:34	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/27/24 12:34	07/27/24 12:34	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/27/24 12:34	07/27/24 12:34	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/27/24 12:34	07/27/24 12:34	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/27/24 12:34	07/27/24 12:34	96-12-8	C3
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/27/24 12:34	07/27/24 12:34	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/27/24 12:34	07/27/24 12:34	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/27/24 12:34	07/27/24 12:34	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.00	0.656	1	07/27/24 12:34	07/27/24 12:34	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/27/24 12:34	07/27/24 12:34	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/27/24 12:34	07/27/24 12:34	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/27/24 12:34	07/27/24 12:34	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/27/24 12:34	07/27/24 12:34	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/27/24 12:34	07/27/24 12:34	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/27/24 12:34	07/27/24 12:34	594-20-7	
2-Butanone (MEK)	ND	ug/L	10.0	1.19	1	07/27/24 12:34	07/27/24 12:34	78-93-3	
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/27/24 12:34	07/27/24 12:34	95-49-8	
2-Hexanone	ND	ug/L	10.0	0.787	1	07/27/24 12:34	07/27/24 12:34	591-78-6	
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/27/24 12:34	07/27/24 12:34	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/27/24 12:34	07/27/24 12:34	108-10-1	
Acetone	ND	ug/L	50.0	11.3	1	07/27/24 12:34	07/27/24 12:34	67-64-1	
Benzene	ND	ug/L	1.00	0.0941	1	07/27/24 12:34	07/27/24 12:34	71-43-2	
Bromobenzene	ND	ug/L	1.00	0.118	1	07/27/24 12:34	07/27/24 12:34	108-86-1	
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/27/24 12:34	07/27/24 12:34	74-97-5	
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/27/24 12:34	07/27/24 12:34	75-27-4	
Bromoform	ND	ug/L	1.00	0.129	1	07/27/24 12:34	07/27/24 12:34	75-25-2	
Bromomethane	ND	ug/L	5.00	0.605	1	07/27/24 12:34	07/27/24 12:34	74-83-9	C3
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/27/24 12:34	07/27/24 12:34	75-15-0	
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/27/24 12:34	07/27/24 12:34	56-23-5	
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/27/24 12:34	07/27/24 12:34	108-90-7	
Chloroethane	ND	ug/L	5.00	0.192	1	07/27/24 12:34	07/27/24 12:34	75-00-3	
Chloroform	ND	ug/L	5.00	0.111	1	07/27/24 12:34	07/27/24 12:34	67-66-3	
Chloromethane	ND	ug/L	2.50	0.960	1	07/27/24 12:34	07/27/24 12:34	74-87-3	
cis-1,2-Dichloroethene	0.129J	ug/L	1.00	0.126	1	07/27/24 12:34	07/27/24 12:34	156-59-2	J
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/27/24 12:34	07/27/24 12:34	10061-01-5	
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/27/24 12:34	07/27/24 12:34	124-48-1	
Dibromomethane	ND	ug/L	1.00	0.122	1	07/27/24 12:34	07/27/24 12:34	74-95-3	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071624-CB-009		Lab ID: 60457070010		Collected: 07/16/24 12:50		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/27/24 12:34	07/27/24 12:34	75-71-8	
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/27/24 12:34	07/27/24 12:34	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/27/24 12:34	07/27/24 12:34	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/27/24 12:34	07/27/24 12:34	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/27/24 12:34	07/27/24 12:34	1634-04-4	
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/27/24 12:34	07/27/24 12:34	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/27/24 12:34	07/27/24 12:34	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/27/24 12:34	07/27/24 12:34	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/27/24 12:34	07/27/24 12:34	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/27/24 12:34	07/27/24 12:34	91-20-3	C3
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/27/24 12:34	07/27/24 12:34	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/27/24 12:34	07/27/24 12:34	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/27/24 12:34	07/27/24 12:34	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/27/24 12:34	07/27/24 12:34	98-06-6	
Tetrachloroethene	ND	ug/L	1.00	0.300	1	07/27/24 12:34	07/27/24 12:34	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/27/24 12:34	07/27/24 12:34	108-88-3	
trans-1,2-Dichloroethene	ND	ug/L	1.00	0.149	1	07/27/24 12:34	07/27/24 12:34	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/27/24 12:34	07/27/24 12:34	10061-02-6	
Trichloroethene	ND	ug/L	1.00	0.190	1	07/27/24 12:34	07/27/24 12:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/27/24 12:34	07/27/24 12:34	75-69-4	
Vinyl chloride	ND	ug/L	1.00	0.234	1	07/27/24 12:34	07/27/24 12:34	75-01-4	
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/27/24 12:34	07/27/24 12:34	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%	70.0-130		1	07/27/24 12:34	07/27/24 12:34	17060-07-0	
4-Bromofluorobenzene (S)	99.4	%	77.0-126		1	07/27/24 12:34	07/27/24 12:34	460-00-4	
Toluene-d8 (S)	110	%	80.0-120		1	07/27/24 12:34	07/27/24 12:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071624-CB-010 Lab ID: 60457070011 Collected: 07/16/24 14:29 Received: 07/18/24 13:52 Matrix: Water

Parameters	Results	Units	Report		MDL	DF	Prepared	Analyzed	CAS No.	Qual
			Limit							
VOA (GC/MS) 8260D			Analytical Method: EPA 8260D Preparation Method: 8260D							
			Pace National - Mt. Juliet							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/27/24 12:54	07/27/24 12:54	630-20-6		
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/27/24 12:54	07/27/24 12:54	71-55-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/27/24 12:54	07/27/24 12:54	79-34-5		
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/27/24 12:54	07/27/24 12:54	79-00-5		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.00	0.180	1	07/27/24 12:54	07/27/24 12:54	76-13-1		
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/27/24 12:54	07/27/24 12:54	75-34-3		
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/27/24 12:54	07/27/24 12:54	75-35-4		
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/27/24 12:54	07/27/24 12:54	563-58-6		
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/27/24 12:54	07/27/24 12:54	87-61-6		
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/27/24 12:54	07/27/24 12:54	96-18-4		
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/27/24 12:54	07/27/24 12:54	120-82-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/27/24 12:54	07/27/24 12:54	95-63-6		
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/27/24 12:54	07/27/24 12:54	96-12-8		C3
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/27/24 12:54	07/27/24 12:54	106-93-4		
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/27/24 12:54	07/27/24 12:54	95-50-1		
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/27/24 12:54	07/27/24 12:54	107-06-2		
1,2-Dichloroethene (Total)	ND	ug/L	1.00	0.656	1	07/27/24 12:54	07/27/24 12:54	540-59-0		
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/27/24 12:54	07/27/24 12:54	78-87-5		
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/27/24 12:54	07/27/24 12:54	108-67-8		
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/27/24 12:54	07/27/24 12:54	541-73-1		
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/27/24 12:54	07/27/24 12:54	142-28-9		
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/27/24 12:54	07/27/24 12:54	106-46-7		
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/27/24 12:54	07/27/24 12:54	594-20-7		
2-Butanone (MEK)	16.9	ug/L	10.0	1.19	1	07/27/24 12:54	07/27/24 12:54	78-93-3		
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/27/24 12:54	07/27/24 12:54	95-49-8		
2-Hexanone	ND	ug/L	10.0	0.787	1	07/27/24 12:54	07/27/24 12:54	591-78-6		
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/27/24 12:54	07/27/24 12:54	106-43-4		
4-Methyl-2-pentanone (MIBK)	0.478J	ug/L	10.0	0.478	1	07/27/24 12:54	07/27/24 12:54	108-10-1		J
Acetone	13.2J	ug/L	50.0	11.3	1	07/27/24 12:54	07/27/24 12:54	67-64-1		J
Benzene	ND	ug/L	1.00	0.0941	1	07/27/24 12:54	07/27/24 12:54	71-43-2		
Bromobenzene	ND	ug/L	1.00	0.118	1	07/27/24 12:54	07/27/24 12:54	108-86-1		
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/27/24 12:54	07/27/24 12:54	74-97-5		
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/27/24 12:54	07/27/24 12:54	75-27-4		
Bromoform	ND	ug/L	1.00	0.129	1	07/27/24 12:54	07/27/24 12:54	75-25-2		
Bromomethane	ND	ug/L	5.00	0.605	1	07/27/24 12:54	07/27/24 12:54	74-83-9		C3
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/27/24 12:54	07/27/24 12:54	75-15-0		
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/27/24 12:54	07/27/24 12:54	56-23-5		
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/27/24 12:54	07/27/24 12:54	108-90-7		
Chloroethane	ND	ug/L	5.00	0.192	1	07/27/24 12:54	07/27/24 12:54	75-00-3		
Chloroform	ND	ug/L	5.00	0.111	1	07/27/24 12:54	07/27/24 12:54	67-66-3		
Chloromethane	ND	ug/L	2.50	0.960	1	07/27/24 12:54	07/27/24 12:54	74-87-3		
cis-1,2-Dichloroethene	ND	ug/L	1.00	0.126	1	07/27/24 12:54	07/27/24 12:54	156-59-2		
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/27/24 12:54	07/27/24 12:54	10061-01-5		
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/27/24 12:54	07/27/24 12:54	124-48-1		
Dibromomethane	ND	ug/L	1.00	0.122	1	07/27/24 12:54	07/27/24 12:54	74-95-3		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071624-CB-010		Lab ID: 60457070011		Collected: 07/16/24 14:29		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D		Analytical Method: EPA 8260D Preparation Method: 8260D Pace National - Mt. Juliet							
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/27/24 12:54	07/27/24 12:54	75-71-8	
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/27/24 12:54	07/27/24 12:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/27/24 12:54	07/27/24 12:54	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/27/24 12:54	07/27/24 12:54	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/27/24 12:54	07/27/24 12:54	1634-04-4	
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/27/24 12:54	07/27/24 12:54	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/27/24 12:54	07/27/24 12:54	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/27/24 12:54	07/27/24 12:54	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/27/24 12:54	07/27/24 12:54	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/27/24 12:54	07/27/24 12:54	91-20-3	C3
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/27/24 12:54	07/27/24 12:54	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/27/24 12:54	07/27/24 12:54	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/27/24 12:54	07/27/24 12:54	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/27/24 12:54	07/27/24 12:54	98-06-6	
Tetrachloroethene	ND	ug/L	1.00	0.300	1	07/27/24 12:54	07/27/24 12:54	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/27/24 12:54	07/27/24 12:54	108-88-3	
trans-1,2-Dichloroethene	ND	ug/L	1.00	0.149	1	07/27/24 12:54	07/27/24 12:54	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/27/24 12:54	07/27/24 12:54	10061-02-6	
Trichloroethene	ND	ug/L	1.00	0.190	1	07/27/24 12:54	07/27/24 12:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/27/24 12:54	07/27/24 12:54	75-69-4	
Vinyl chloride	ND	ug/L	1.00	0.234	1	07/27/24 12:54	07/27/24 12:54	75-01-4	
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/27/24 12:54	07/27/24 12:54	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70.0-130		1	07/27/24 12:54	07/27/24 12:54	17060-07-0	
4-Bromofluorobenzene (S)	97.1	%	77.0-126		1	07/27/24 12:54	07/27/24 12:54	460-00-4	
Toluene-d8 (S)	111	%	80.0-120		1	07/27/24 12:54	07/27/24 12:54	2037-26-5	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071624-CB-011 Lab ID: 60457070012 Collected: 07/16/24 15:19 Received: 07/18/24 13:52 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/27/24 13:15	07/27/24 13:15	630-20-6	C3
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/27/24 13:15	07/27/24 13:15	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/27/24 13:15	07/27/24 13:15	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/27/24 13:15	07/27/24 13:15	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.00	0.180	1	07/27/24 13:15	07/27/24 13:15	76-13-1	
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/27/24 13:15	07/27/24 13:15	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/27/24 13:15	07/27/24 13:15	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/27/24 13:15	07/27/24 13:15	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/27/24 13:15	07/27/24 13:15	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/27/24 13:15	07/27/24 13:15	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/27/24 13:15	07/27/24 13:15	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/27/24 13:15	07/27/24 13:15	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/27/24 13:15	07/27/24 13:15	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/27/24 13:15	07/27/24 13:15	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/27/24 13:15	07/27/24 13:15	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/27/24 13:15	07/27/24 13:15	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.00	0.656	1	07/27/24 13:15	07/27/24 13:15	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/27/24 13:15	07/27/24 13:15	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/27/24 13:15	07/27/24 13:15	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/27/24 13:15	07/27/24 13:15	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/27/24 13:15	07/27/24 13:15	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/27/24 13:15	07/27/24 13:15	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/27/24 13:15	07/27/24 13:15	594-20-7	
2-Butanone (MEK)	ND	ug/L	10.0	1.19	1	07/27/24 13:15	07/27/24 13:15	78-93-3	
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/27/24 13:15	07/27/24 13:15	95-49-8	
2-Hexanone	ND	ug/L	10.0	0.787	1	07/27/24 13:15	07/27/24 13:15	591-78-6	
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/27/24 13:15	07/27/24 13:15	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/27/24 13:15	07/27/24 13:15	108-10-1	
Acetone	ND	ug/L	50.0	11.3	1	07/27/24 13:15	07/27/24 13:15	67-64-1	
Benzene	ND	ug/L	1.00	0.0941	1	07/27/24 13:15	07/27/24 13:15	71-43-2	
Bromobenzene	ND	ug/L	1.00	0.118	1	07/27/24 13:15	07/27/24 13:15	108-86-1	
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/27/24 13:15	07/27/24 13:15	74-97-5	
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/27/24 13:15	07/27/24 13:15	75-27-4	
Bromoform	ND	ug/L	1.00	0.129	1	07/27/24 13:15	07/27/24 13:15	75-25-2	
Bromomethane	ND	ug/L	5.00	0.605	1	07/27/24 13:15	07/27/24 13:15	74-83-9	
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/27/24 13:15	07/27/24 13:15	75-15-0	
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/27/24 13:15	07/27/24 13:15	56-23-5	
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/27/24 13:15	07/27/24 13:15	108-90-7	
Chloroethane	ND	ug/L	5.00	0.192	1	07/27/24 13:15	07/27/24 13:15	75-00-3	
Chloroform	ND	ug/L	5.00	0.111	1	07/27/24 13:15	07/27/24 13:15	67-66-3	
Chloromethane	ND	ug/L	2.50	0.960	1	07/27/24 13:15	07/27/24 13:15	74-87-3	
cis-1,2-Dichloroethene	ND	ug/L	1.00	0.126	1	07/27/24 13:15	07/27/24 13:15	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/27/24 13:15	07/27/24 13:15	10061-01-5	
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/27/24 13:15	07/27/24 13:15	124-48-1	
Dibromomethane	ND	ug/L	1.00	0.122	1	07/27/24 13:15	07/27/24 13:15	74-95-3	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071624-CB-011		Lab ID: 60457070012		Collected: 07/16/24 15:19		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/27/24 13:15	07/27/24 13:15	75-71-8	
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/27/24 13:15	07/27/24 13:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/27/24 13:15	07/27/24 13:15	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/27/24 13:15	07/27/24 13:15	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/27/24 13:15	07/27/24 13:15	1634-04-4	
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/27/24 13:15	07/27/24 13:15	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/27/24 13:15	07/27/24 13:15	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/27/24 13:15	07/27/24 13:15	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/27/24 13:15	07/27/24 13:15	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/27/24 13:15	07/27/24 13:15	91-20-3	C3
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/27/24 13:15	07/27/24 13:15	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/27/24 13:15	07/27/24 13:15	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/27/24 13:15	07/27/24 13:15	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/27/24 13:15	07/27/24 13:15	98-06-6	
Tetrachloroethene	ND	ug/L	1.00	0.300	1	07/27/24 13:15	07/27/24 13:15	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/27/24 13:15	07/27/24 13:15	108-88-3	
trans-1,2-Dichloroethene	ND	ug/L	1.00	0.149	1	07/27/24 13:15	07/27/24 13:15	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/27/24 13:15	07/27/24 13:15	10061-02-6	
Trichloroethene	ND	ug/L	1.00	0.190	1	07/27/24 13:15	07/27/24 13:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/27/24 13:15	07/27/24 13:15	75-69-4	
Vinyl chloride	ND	ug/L	1.00	0.234	1	07/27/24 13:15	07/27/24 13:15	75-01-4	
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/27/24 13:15	07/27/24 13:15	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%	70.0-130		1	07/27/24 13:15	07/27/24 13:15	17060-07-0	
4-Bromofluorobenzene (S)	98.1	%	77.0-126		1	07/27/24 13:15	07/27/24 13:15	460-00-4	
Toluene-d8 (S)	112	%	80.0-120		1	07/27/24 13:15	07/27/24 13:15	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071724-CB-012		Lab ID: 60457070013		Collected: 07/17/24 09:57		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/27/24 13:36	07/27/24 13:36	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/27/24 13:36	07/27/24 13:36	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/27/24 13:36	07/27/24 13:36	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/27/24 13:36	07/27/24 13:36	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.00	0.180	1	07/27/24 13:36	07/27/24 13:36	76-13-1	
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/27/24 13:36	07/27/24 13:36	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/27/24 13:36	07/27/24 13:36	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/27/24 13:36	07/27/24 13:36	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/27/24 13:36	07/27/24 13:36	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/27/24 13:36	07/27/24 13:36	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/27/24 13:36	07/27/24 13:36	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/27/24 13:36	07/27/24 13:36	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/27/24 13:36	07/27/24 13:36	96-12-8	C3
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/27/24 13:36	07/27/24 13:36	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/27/24 13:36	07/27/24 13:36	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/27/24 13:36	07/27/24 13:36	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.00	0.656	1	07/27/24 13:36	07/27/24 13:36	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/27/24 13:36	07/27/24 13:36	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/27/24 13:36	07/27/24 13:36	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/27/24 13:36	07/27/24 13:36	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/27/24 13:36	07/27/24 13:36	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/27/24 13:36	07/27/24 13:36	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/27/24 13:36	07/27/24 13:36	594-20-7	
2-Butanone (MEK)	ND	ug/L	10.0	1.19	1	07/27/24 13:36	07/27/24 13:36	78-93-3	
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/27/24 13:36	07/27/24 13:36	95-49-8	
2-Hexanone	ND	ug/L	10.0	0.787	1	07/27/24 13:36	07/27/24 13:36	591-78-6	
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/27/24 13:36	07/27/24 13:36	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/27/24 13:36	07/27/24 13:36	108-10-1	
Acetone	ND	ug/L	50.0	11.3	1	07/27/24 13:36	07/27/24 13:36	67-64-1	
Benzene	ND	ug/L	1.00	0.0941	1	07/27/24 13:36	07/27/24 13:36	71-43-2	
Bromobenzene	ND	ug/L	1.00	0.118	1	07/27/24 13:36	07/27/24 13:36	108-86-1	
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/27/24 13:36	07/27/24 13:36	74-97-5	
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/27/24 13:36	07/27/24 13:36	75-27-4	
Bromoform	ND	ug/L	1.00	0.129	1	07/27/24 13:36	07/27/24 13:36	75-25-2	
Bromomethane	ND	ug/L	5.00	0.605	1	07/27/24 13:36	07/27/24 13:36	74-83-9	C3
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/27/24 13:36	07/27/24 13:36	75-15-0	
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/27/24 13:36	07/27/24 13:36	56-23-5	
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/27/24 13:36	07/27/24 13:36	108-90-7	
Chloroethane	ND	ug/L	5.00	0.192	1	07/27/24 13:36	07/27/24 13:36	75-00-3	
Chloroform	ND	ug/L	5.00	0.111	1	07/27/24 13:36	07/27/24 13:36	67-66-3	
Chloromethane	ND	ug/L	2.50	0.960	1	07/27/24 13:36	07/27/24 13:36	74-87-3	
cis-1,2-Dichloroethene	0.289J	ug/L	1.00	0.126	1	07/27/24 13:36	07/27/24 13:36	156-59-2	J
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/27/24 13:36	07/27/24 13:36	10061-01-5	
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/27/24 13:36	07/27/24 13:36	124-48-1	
Dibromomethane	ND	ug/L	1.00	0.122	1	07/27/24 13:36	07/27/24 13:36	74-95-3	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071724-CB-012		Lab ID: 60457070013		Collected: 07/17/24 09:57		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/27/24 13:36	07/27/24 13:36	75-71-8	
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/27/24 13:36	07/27/24 13:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/27/24 13:36	07/27/24 13:36	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/27/24 13:36	07/27/24 13:36	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/27/24 13:36	07/27/24 13:36	1634-04-4	
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/27/24 13:36	07/27/24 13:36	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/27/24 13:36	07/27/24 13:36	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/27/24 13:36	07/27/24 13:36	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/27/24 13:36	07/27/24 13:36	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/27/24 13:36	07/27/24 13:36	91-20-3	C3
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/27/24 13:36	07/27/24 13:36	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/27/24 13:36	07/27/24 13:36	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/27/24 13:36	07/27/24 13:36	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/27/24 13:36	07/27/24 13:36	98-06-6	
Tetrachloroethene	ND	ug/L	1.00	0.300	1	07/27/24 13:36	07/27/24 13:36	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/27/24 13:36	07/27/24 13:36	108-88-3	
trans-1,2-Dichloroethene	ND	ug/L	1.00	0.149	1	07/27/24 13:36	07/27/24 13:36	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/27/24 13:36	07/27/24 13:36	10061-02-6	
Trichloroethene	ND	ug/L	1.00	0.190	1	07/27/24 13:36	07/27/24 13:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/27/24 13:36	07/27/24 13:36	75-69-4	
Vinyl chloride	ND	ug/L	1.00	0.234	1	07/27/24 13:36	07/27/24 13:36	75-01-4	
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/27/24 13:36	07/27/24 13:36	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%	70.0-130		1	07/27/24 13:36	07/27/24 13:36	17060-07-0	
4-Bromofluorobenzene (S)	95.2	%	77.0-126		1	07/27/24 13:36	07/27/24 13:36	460-00-4	
Toluene-d8 (S)	110	%	80.0-120		1	07/27/24 13:36	07/27/24 13:36	2037-26-5	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071724-CB-013		Lab ID: 60457070014		Collected: 07/17/24 10:33		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/27/24 13:56	07/27/24 13:56	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/27/24 13:56	07/27/24 13:56	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/27/24 13:56	07/27/24 13:56	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/27/24 13:56	07/27/24 13:56	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.00	0.180	1	07/27/24 13:56	07/27/24 13:56	76-13-1	
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/27/24 13:56	07/27/24 13:56	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/27/24 13:56	07/27/24 13:56	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/27/24 13:56	07/27/24 13:56	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/27/24 13:56	07/27/24 13:56	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/27/24 13:56	07/27/24 13:56	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/27/24 13:56	07/27/24 13:56	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/27/24 13:56	07/27/24 13:56	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/27/24 13:56	07/27/24 13:56	96-12-8	C3
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/27/24 13:56	07/27/24 13:56	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/27/24 13:56	07/27/24 13:56	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/27/24 13:56	07/27/24 13:56	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.00	0.656	1	07/27/24 13:56	07/27/24 13:56	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/27/24 13:56	07/27/24 13:56	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/27/24 13:56	07/27/24 13:56	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/27/24 13:56	07/27/24 13:56	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/27/24 13:56	07/27/24 13:56	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/27/24 13:56	07/27/24 13:56	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/27/24 13:56	07/27/24 13:56	594-20-7	
2-Butanone (MEK)	ND	ug/L	10.0	1.19	1	07/27/24 13:56	07/27/24 13:56	78-93-3	
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/27/24 13:56	07/27/24 13:56	95-49-8	
2-Hexanone	ND	ug/L	10.0	0.787	1	07/27/24 13:56	07/27/24 13:56	591-78-6	
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/27/24 13:56	07/27/24 13:56	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/27/24 13:56	07/27/24 13:56	108-10-1	
Acetone	ND	ug/L	50.0	11.3	1	07/27/24 13:56	07/27/24 13:56	67-64-1	
Benzene	ND	ug/L	1.00	0.0941	1	07/27/24 13:56	07/27/24 13:56	71-43-2	
Bromobenzene	ND	ug/L	1.00	0.118	1	07/27/24 13:56	07/27/24 13:56	108-86-1	
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/27/24 13:56	07/27/24 13:56	74-97-5	
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/27/24 13:56	07/27/24 13:56	75-27-4	
Bromoform	ND	ug/L	1.00	0.129	1	07/27/24 13:56	07/27/24 13:56	75-25-2	
Bromomethane	ND	ug/L	5.00	0.605	1	07/27/24 13:56	07/27/24 13:56	74-83-9	C3
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/27/24 13:56	07/27/24 13:56	75-15-0	
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/27/24 13:56	07/27/24 13:56	56-23-5	
Chlorobenzene	0.178J	ug/L	1.00	0.116	1	07/27/24 13:56	07/27/24 13:56	108-90-7	J
Chloroethane	ND	ug/L	5.00	0.192	1	07/27/24 13:56	07/27/24 13:56	75-00-3	
Chloroform	ND	ug/L	5.00	0.111	1	07/27/24 13:56	07/27/24 13:56	67-66-3	
Chloromethane	ND	ug/L	2.50	0.960	1	07/27/24 13:56	07/27/24 13:56	74-87-3	
cis-1,2-Dichloroethene	0.449J	ug/L	1.00	0.126	1	07/27/24 13:56	07/27/24 13:56	156-59-2	J
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/27/24 13:56	07/27/24 13:56	10061-01-5	
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/27/24 13:56	07/27/24 13:56	124-48-1	
Dibromomethane	ND	ug/L	1.00	0.122	1	07/27/24 13:56	07/27/24 13:56	74-95-3	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071724-CB-013		Lab ID: 60457070014		Collected: 07/17/24 10:33		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/27/24 13:56	07/27/24 13:56	75-71-8	
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/27/24 13:56	07/27/24 13:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/27/24 13:56	07/27/24 13:56	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/27/24 13:56	07/27/24 13:56	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/27/24 13:56	07/27/24 13:56	1634-04-4	
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/27/24 13:56	07/27/24 13:56	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/27/24 13:56	07/27/24 13:56	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/27/24 13:56	07/27/24 13:56	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/27/24 13:56	07/27/24 13:56	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/27/24 13:56	07/27/24 13:56	91-20-3	C3
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/27/24 13:56	07/27/24 13:56	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/27/24 13:56	07/27/24 13:56	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/27/24 13:56	07/27/24 13:56	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/27/24 13:56	07/27/24 13:56	98-06-6	
Tetrachloroethene	ND	ug/L	1.00	0.300	1	07/27/24 13:56	07/27/24 13:56	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/27/24 13:56	07/27/24 13:56	108-88-3	
trans-1,2-Dichloroethene	ND	ug/L	1.00	0.149	1	07/27/24 13:56	07/27/24 13:56	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/27/24 13:56	07/27/24 13:56	10061-02-6	
Trichloroethene	ND	ug/L	1.00	0.190	1	07/27/24 13:56	07/27/24 13:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/27/24 13:56	07/27/24 13:56	75-69-4	
Vinyl chloride	ND	ug/L	1.00	0.234	1	07/27/24 13:56	07/27/24 13:56	75-01-4	
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/27/24 13:56	07/27/24 13:56	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%	70.0-130		1	07/27/24 13:56	07/27/24 13:56	17060-07-0	
4-Bromofluorobenzene (S)	99.1	%	77.0-126		1	07/27/24 13:56	07/27/24 13:56	460-00-4	
Toluene-d8 (S)	110	%	80.0-120		1	07/27/24 13:56	07/27/24 13:56	2037-26-5	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071724-CB-014 Lab ID: 60457070015 Collected: 07/17/24 11:53 Received: 07/18/24 13:52 Matrix: Water

Parameters	Results	Units	Report		MDL	DF	Prepared	Analyzed	CAS No.	Qual
			Limit							
VOA (GC/MS) 8260D			Analytical Method: EPA 8260D Preparation Method: 8260D							
			Pace National - Mt. Juliet							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/27/24 14:17	07/27/24 14:17	630-20-6		
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/27/24 14:17	07/27/24 14:17	71-55-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/27/24 14:17	07/27/24 14:17	79-34-5		
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/27/24 14:17	07/27/24 14:17	79-00-5		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.00	0.180	1	07/27/24 14:17	07/27/24 14:17	76-13-1		
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/27/24 14:17	07/27/24 14:17	75-34-3		
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/27/24 14:17	07/27/24 14:17	75-35-4		
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/27/24 14:17	07/27/24 14:17	563-58-6		
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/27/24 14:17	07/27/24 14:17	87-61-6		
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/27/24 14:17	07/27/24 14:17	96-18-4		
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/27/24 14:17	07/27/24 14:17	120-82-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/27/24 14:17	07/27/24 14:17	95-63-6		
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/27/24 14:17	07/27/24 14:17	96-12-8		C3
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/27/24 14:17	07/27/24 14:17	106-93-4		
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/27/24 14:17	07/27/24 14:17	95-50-1		
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/27/24 14:17	07/27/24 14:17	107-06-2		
1,2-Dichloroethene (Total)	0.681J	ug/L	1.00	0.656	1	07/27/24 14:17	07/27/24 14:17	540-59-0		J
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/27/24 14:17	07/27/24 14:17	78-87-5		
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/27/24 14:17	07/27/24 14:17	108-67-8		
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/27/24 14:17	07/27/24 14:17	541-73-1		
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/27/24 14:17	07/27/24 14:17	142-28-9		
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/27/24 14:17	07/27/24 14:17	106-46-7		
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/27/24 14:17	07/27/24 14:17	594-20-7		
2-Butanone (MEK)	ND	ug/L	10.0	1.19	1	07/27/24 14:17	07/27/24 14:17	78-93-3		
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/27/24 14:17	07/27/24 14:17	95-49-8		
2-Hexanone	ND	ug/L	10.0	0.787	1	07/27/24 14:17	07/27/24 14:17	591-78-6		
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/27/24 14:17	07/27/24 14:17	106-43-4		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/27/24 14:17	07/27/24 14:17	108-10-1		
Acetone	ND	ug/L	50.0	11.3	1	07/27/24 14:17	07/27/24 14:17	67-64-1		
Benzene	ND	ug/L	1.00	0.0941	1	07/27/24 14:17	07/27/24 14:17	71-43-2		
Bromobenzene	ND	ug/L	1.00	0.118	1	07/27/24 14:17	07/27/24 14:17	108-86-1		
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/27/24 14:17	07/27/24 14:17	74-97-5		
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/27/24 14:17	07/27/24 14:17	75-27-4		
Bromoform	ND	ug/L	1.00	0.129	1	07/27/24 14:17	07/27/24 14:17	75-25-2		
Bromomethane	ND	ug/L	5.00	0.605	1	07/27/24 14:17	07/27/24 14:17	74-83-9		C3
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/27/24 14:17	07/27/24 14:17	75-15-0		
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/27/24 14:17	07/27/24 14:17	56-23-5		
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/27/24 14:17	07/27/24 14:17	108-90-7		
Chloroethane	ND	ug/L	5.00	0.192	1	07/27/24 14:17	07/27/24 14:17	75-00-3		
Chloroform	ND	ug/L	5.00	0.111	1	07/27/24 14:17	07/27/24 14:17	67-66-3		
Chloromethane	ND	ug/L	2.50	0.960	1	07/27/24 14:17	07/27/24 14:17	74-87-3		
cis-1,2-Dichloroethene	0.681J	ug/L	1.00	0.126	1	07/27/24 14:17	07/27/24 14:17	156-59-2		J
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/27/24 14:17	07/27/24 14:17	10061-01-5		
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/27/24 14:17	07/27/24 14:17	124-48-1		
Dibromomethane	ND	ug/L	1.00	0.122	1	07/27/24 14:17	07/27/24 14:17	74-95-3		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071724-CB-014		Lab ID: 60457070015		Collected: 07/17/24 11:53		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/27/24 14:17	07/27/24 14:17	75-71-8	
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/27/24 14:17	07/27/24 14:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/27/24 14:17	07/27/24 14:17	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/27/24 14:17	07/27/24 14:17	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/27/24 14:17	07/27/24 14:17	1634-04-4	
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/27/24 14:17	07/27/24 14:17	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/27/24 14:17	07/27/24 14:17	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/27/24 14:17	07/27/24 14:17	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/27/24 14:17	07/27/24 14:17	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/27/24 14:17	07/27/24 14:17	91-20-3	C3
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/27/24 14:17	07/27/24 14:17	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/27/24 14:17	07/27/24 14:17	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/27/24 14:17	07/27/24 14:17	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/27/24 14:17	07/27/24 14:17	98-06-6	
Tetrachloroethene	ND	ug/L	1.00	0.300	1	07/27/24 14:17	07/27/24 14:17	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/27/24 14:17	07/27/24 14:17	108-88-3	
trans-1,2-Dichloroethene	ND	ug/L	1.00	0.149	1	07/27/24 14:17	07/27/24 14:17	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/27/24 14:17	07/27/24 14:17	10061-02-6	
Trichloroethene	ND	ug/L	1.00	0.190	1	07/27/24 14:17	07/27/24 14:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/27/24 14:17	07/27/24 14:17	75-69-4	
Vinyl chloride	ND	ug/L	1.00	0.234	1	07/27/24 14:17	07/27/24 14:17	75-01-4	
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/27/24 14:17	07/27/24 14:17	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	109	%	70.0-130		1	07/27/24 14:17	07/27/24 14:17	17060-07-0	
4-Bromofluorobenzene (S)	98.4	%	77.0-126		1	07/27/24 14:17	07/27/24 14:17	460-00-4	
Toluene-d8 (S)	113	%	80.0-120		1	07/27/24 14:17	07/27/24 14:17	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071724-CB-015 Lab ID: 60457070016 Collected: 07/17/24 14:29 Received: 07/18/24 13:52 Matrix: Water

Parameters	Results	Units	Report		MDL	DF	Prepared	Analyzed	CAS No.	Qual
			Limit							
VOA (GC/MS) 8260D										
Analytical Method: EPA 8260D Preparation Method: 8260D										
Pace National - Mt. Juliet										
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/27/24 14:38	07/27/24 14:38	630-20-6		
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/27/24 14:38	07/27/24 14:38	71-55-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/27/24 14:38	07/27/24 14:38	79-34-5		
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/27/24 14:38	07/27/24 14:38	79-00-5		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.00	0.180	1	07/27/24 14:38	07/27/24 14:38	76-13-1		
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/27/24 14:38	07/27/24 14:38	75-34-3		
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/27/24 14:38	07/27/24 14:38	75-35-4		
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/27/24 14:38	07/27/24 14:38	563-58-6		
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/27/24 14:38	07/27/24 14:38	87-61-6		
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/27/24 14:38	07/27/24 14:38	96-18-4		
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/27/24 14:38	07/27/24 14:38	120-82-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/27/24 14:38	07/27/24 14:38	95-63-6		
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/27/24 14:38	07/27/24 14:38	96-12-8		C3
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/27/24 14:38	07/27/24 14:38	106-93-4		
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/27/24 14:38	07/27/24 14:38	95-50-1		
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/27/24 14:38	07/27/24 14:38	107-06-2		
1,2-Dichloroethene (Total)	6.35	ug/L	1.00	0.656	1	07/27/24 14:38	07/27/24 14:38	540-59-0		
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/27/24 14:38	07/27/24 14:38	78-87-5		
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/27/24 14:38	07/27/24 14:38	108-67-8		
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/27/24 14:38	07/27/24 14:38	541-73-1		
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/27/24 14:38	07/27/24 14:38	142-28-9		
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/27/24 14:38	07/27/24 14:38	106-46-7		
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/27/24 14:38	07/27/24 14:38	594-20-7		
2-Butanone (MEK)	ND	ug/L	10.0	1.19	1	07/27/24 14:38	07/27/24 14:38	78-93-3		
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/27/24 14:38	07/27/24 14:38	95-49-8		
2-Hexanone	ND	ug/L	10.0	0.787	1	07/27/24 14:38	07/27/24 14:38	591-78-6		
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/27/24 14:38	07/27/24 14:38	106-43-4		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/27/24 14:38	07/27/24 14:38	108-10-1		
Acetone	ND	ug/L	50.0	11.3	1	07/27/24 14:38	07/27/24 14:38	67-64-1		
Benzene	ND	ug/L	1.00	0.0941	1	07/27/24 14:38	07/27/24 14:38	71-43-2		
Bromobenzene	ND	ug/L	1.00	0.118	1	07/27/24 14:38	07/27/24 14:38	108-86-1		
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/27/24 14:38	07/27/24 14:38	74-97-5		
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/27/24 14:38	07/27/24 14:38	75-27-4		
Bromoform	ND	ug/L	1.00	0.129	1	07/27/24 14:38	07/27/24 14:38	75-25-2		
Bromomethane	ND	ug/L	5.00	0.605	1	07/27/24 14:38	07/27/24 14:38	74-83-9		C3
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/27/24 14:38	07/27/24 14:38	75-15-0		
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/27/24 14:38	07/27/24 14:38	56-23-5		
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/27/24 14:38	07/27/24 14:38	108-90-7		
Chloroethane	ND	ug/L	5.00	0.192	1	07/27/24 14:38	07/27/24 14:38	75-00-3		
Chloroform	ND	ug/L	5.00	0.111	1	07/27/24 14:38	07/27/24 14:38	67-66-3		
Chloromethane	ND	ug/L	2.50	0.960	1	07/27/24 14:38	07/27/24 14:38	74-87-3		
cis-1,2-Dichloroethene	6.09	ug/L	1.00	0.126	1	07/27/24 14:38	07/27/24 14:38	156-59-2		
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/27/24 14:38	07/27/24 14:38	10061-01-5		
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/27/24 14:38	07/27/24 14:38	124-48-1		
Dibromomethane	ND	ug/L	1.00	0.122	1	07/27/24 14:38	07/27/24 14:38	74-95-3		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071724-CB-015		Lab ID: 60457070016		Collected: 07/17/24 14:29		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/27/24 14:38	07/27/24 14:38	75-71-8	
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/27/24 14:38	07/27/24 14:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/27/24 14:38	07/27/24 14:38	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/27/24 14:38	07/27/24 14:38	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/27/24 14:38	07/27/24 14:38	1634-04-4	
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/27/24 14:38	07/27/24 14:38	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/27/24 14:38	07/27/24 14:38	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/27/24 14:38	07/27/24 14:38	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/27/24 14:38	07/27/24 14:38	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/27/24 14:38	07/27/24 14:38	91-20-3	C3
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/27/24 14:38	07/27/24 14:38	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/27/24 14:38	07/27/24 14:38	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/27/24 14:38	07/27/24 14:38	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/27/24 14:38	07/27/24 14:38	98-06-6	
Tetrachloroethene	ND	ug/L	1.00	0.300	1	07/27/24 14:38	07/27/24 14:38	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/27/24 14:38	07/27/24 14:38	108-88-3	
trans-1,2-Dichloroethene	0.255J	ug/L	1.00	0.149	1	07/27/24 14:38	07/27/24 14:38	156-60-5	J
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/27/24 14:38	07/27/24 14:38	10061-02-6	
Trichloroethene	ND	ug/L	1.00	0.190	1	07/27/24 14:38	07/27/24 14:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/27/24 14:38	07/27/24 14:38	75-69-4	
Vinyl chloride	ND	ug/L	1.00	0.234	1	07/27/24 14:38	07/27/24 14:38	75-01-4	
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/27/24 14:38	07/27/24 14:38	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	108	%	70.0-130		1	07/27/24 14:38	07/27/24 14:38	17060-07-0	
4-Bromofluorobenzene (S)	99.8	%	77.0-126		1	07/27/24 14:38	07/27/24 14:38	460-00-4	
Toluene-d8 (S)	111	%	80.0-120		1	07/27/24 14:38	07/27/24 14:38	2037-26-5	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071724-CB-016 Lab ID: 60457070017 Collected: 07/17/24 14:52 Received: 07/18/24 13:52 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015 MOD KS TPH Analytical Method: EPA 8015C Preparation Method: EPA 3511 Pace Analytical Services - Kansas City									
HRH (C19-C35)	ND	mg/L	0.19	0.11	1	07/19/24 16:13	07/22/24 22:48		
MRH (C9-C18)	ND	mg/L	0.057	0.053	1	07/19/24 16:13	07/22/24 22:48		
Surrogates									
1-Chloro-octadecane (S)	90	%	40-140		1	07/19/24 16:13	07/22/24 22:48	3386-33-2	
VPH KS LRH Analytical Method: EPA 8015 Mod Ext Preparation Method: KS LRH Pace National - Mt. Juliet									
LRH (C5-C8)	ND	ug/L	100	41.0	1	07/29/24 12:16	07/29/24 12:16		
Surrogates									
2,5-Dibromotoluene (FID)	112	%	70.0-130		1	07/29/24 12:16	07/29/24 12:16	615-59-8FID	
VOA (GC/MS) 8260D Analytical Method: EPA 8260D Preparation Method: 8260D Pace National - Mt. Juliet									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/27/24 14:58	07/27/24 14:58	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/27/24 14:58	07/27/24 14:58	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/27/24 14:58	07/27/24 14:58	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/27/24 14:58	07/27/24 14:58	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.00	0.180	1	07/27/24 14:58	07/27/24 14:58	76-13-1	
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/27/24 14:58	07/27/24 14:58	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/27/24 14:58	07/27/24 14:58	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/27/24 14:58	07/27/24 14:58	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/27/24 14:58	07/27/24 14:58	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/27/24 14:58	07/27/24 14:58	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/27/24 14:58	07/27/24 14:58	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/27/24 14:58	07/27/24 14:58	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/27/24 14:58	07/27/24 14:58	96-12-8	C3
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/27/24 14:58	07/27/24 14:58	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/27/24 14:58	07/27/24 14:58	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/27/24 14:58	07/27/24 14:58	107-06-2	
1,2-Dichloroethene (Total)	1.77	ug/L	1.00	0.656	1	07/27/24 14:58	07/27/24 14:58	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/27/24 14:58	07/27/24 14:58	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/27/24 14:58	07/27/24 14:58	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/27/24 14:58	07/27/24 14:58	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/27/24 14:58	07/27/24 14:58	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/27/24 14:58	07/27/24 14:58	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/27/24 14:58	07/27/24 14:58	594-20-7	
2-Butanone (MEK)	2.22J	ug/L	10.0	1.19	1	07/27/24 14:58	07/27/24 14:58	78-93-3	J
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/27/24 14:58	07/27/24 14:58	95-49-8	
2-Hexanone	ND	ug/L	10.0	0.787	1	07/27/24 14:58	07/27/24 14:58	591-78-6	
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/27/24 14:58	07/27/24 14:58	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/27/24 14:58	07/27/24 14:58	108-10-1	
Acetone	ND	ug/L	50.0	11.3	1	07/27/24 14:58	07/27/24 14:58	67-64-1	
Benzene	ND	ug/L	1.00	0.0941	1	07/27/24 14:58	07/27/24 14:58	71-43-2	
Bromobenzene	ND	ug/L	1.00	0.118	1	07/27/24 14:58	07/27/24 14:58	108-86-1	
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/27/24 14:58	07/27/24 14:58	74-97-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071724-CB-016		Lab ID: 60457070017		Collected: 07/17/24 14:52		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D		Analytical Method: EPA 8260D Preparation Method: 8260D Pace National - Mt. Juliet							
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/27/24 14:58	07/27/24 14:58	75-27-4	
Bromoform	ND	ug/L	1.00	0.129	1	07/27/24 14:58	07/27/24 14:58	75-25-2	
Bromomethane	ND	ug/L	5.00	0.605	1	07/27/24 14:58	07/27/24 14:58	74-83-9	C3
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/27/24 14:58	07/27/24 14:58	75-15-0	
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/27/24 14:58	07/27/24 14:58	56-23-5	
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/27/24 14:58	07/27/24 14:58	108-90-7	
Chloroethane	ND	ug/L	5.00	0.192	1	07/27/24 14:58	07/27/24 14:58	75-00-3	
Chloroform	ND	ug/L	5.00	0.111	1	07/27/24 14:58	07/27/24 14:58	67-66-3	
Chloromethane	ND	ug/L	2.50	0.960	1	07/27/24 14:58	07/27/24 14:58	74-87-3	
cis-1,2-Dichloroethene	1.77	ug/L	1.00	0.126	1	07/27/24 14:58	07/27/24 14:58	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/27/24 14:58	07/27/24 14:58	10061-01-5	
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/27/24 14:58	07/27/24 14:58	124-48-1	
Dibromomethane	ND	ug/L	1.00	0.122	1	07/27/24 14:58	07/27/24 14:58	74-95-3	
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/27/24 14:58	07/27/24 14:58	75-71-8	
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/27/24 14:58	07/27/24 14:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/27/24 14:58	07/27/24 14:58	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/27/24 14:58	07/27/24 14:58	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/27/24 14:58	07/27/24 14:58	1634-04-4	
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/27/24 14:58	07/27/24 14:58	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/27/24 14:58	07/27/24 14:58	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/27/24 14:58	07/27/24 14:58	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/27/24 14:58	07/27/24 14:58	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/27/24 14:58	07/27/24 14:58	91-20-3	C3
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/27/24 14:58	07/27/24 14:58	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/27/24 14:58	07/27/24 14:58	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/27/24 14:58	07/27/24 14:58	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/27/24 14:58	07/27/24 14:58	98-06-6	
Tetrachloroethene	0.373J	ug/L	1.00	0.300	1	07/27/24 14:58	07/27/24 14:58	127-18-4	J
Toluene	ND	ug/L	1.00	0.278	1	07/27/24 14:58	07/27/24 14:58	108-88-3	
trans-1,2-Dichloroethene	ND	ug/L	1.00	0.149	1	07/27/24 14:58	07/27/24 14:58	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/27/24 14:58	07/27/24 14:58	10061-02-6	
Trichloroethene	ND	ug/L	1.00	0.190	1	07/27/24 14:58	07/27/24 14:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/27/24 14:58	07/27/24 14:58	75-69-4	
Vinyl chloride	ND	ug/L	1.00	0.234	1	07/27/24 14:58	07/27/24 14:58	75-01-4	
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/27/24 14:58	07/27/24 14:58	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%	70.0-130		1	07/27/24 14:58	07/27/24 14:58	17060-07-0	
4-Bromofluorobenzene (S)	98.4	%	77.0-126		1	07/27/24 14:58	07/27/24 14:58	460-00-4	
Toluene-d8 (S)	111	%	80.0-120		1	07/27/24 14:58	07/27/24 14:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071824-CB-017 Lab ID: 60457070018 Collected: 07/18/24 09:30 Received: 07/18/24 13:52 Matrix: Water

Parameters	Results	Units	Report		MDL	DF	Prepared	Analyzed	CAS No.	Qual
			Limit							
VOA (GC/MS) 8260D	Analytical Method: EPA 8260D Preparation Method: 8260D									
	Pace National - Mt. Juliet									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/27/24 15:19	07/27/24 15:19	630-20-6		
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/27/24 15:19	07/27/24 15:19	71-55-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/27/24 15:19	07/27/24 15:19	79-34-5		
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/27/24 15:19	07/27/24 15:19	79-00-5		
1,1,2-Trichlorotrifluoroethane	3.24	ug/L	1.00	0.180	1	07/27/24 15:19	07/27/24 15:19	76-13-1		
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/27/24 15:19	07/27/24 15:19	75-34-3		
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/27/24 15:19	07/27/24 15:19	75-35-4		
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/27/24 15:19	07/27/24 15:19	563-58-6		
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/27/24 15:19	07/27/24 15:19	87-61-6		
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/27/24 15:19	07/27/24 15:19	96-18-4		
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/27/24 15:19	07/27/24 15:19	120-82-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/27/24 15:19	07/27/24 15:19	95-63-6		
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/27/24 15:19	07/27/24 15:19	96-12-8		C3
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/27/24 15:19	07/27/24 15:19	106-93-4		
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/27/24 15:19	07/27/24 15:19	95-50-1		
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/27/24 15:19	07/27/24 15:19	107-06-2		
1,2-Dichloroethene (Total)	1.45	ug/L	1.00	0.656	1	07/27/24 15:19	07/27/24 15:19	540-59-0		
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/27/24 15:19	07/27/24 15:19	78-87-5		
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/27/24 15:19	07/27/24 15:19	108-67-8		
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/27/24 15:19	07/27/24 15:19	541-73-1		
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/27/24 15:19	07/27/24 15:19	142-28-9		
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/27/24 15:19	07/27/24 15:19	106-46-7		
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/27/24 15:19	07/27/24 15:19	594-20-7		
2-Butanone (MEK)	ND	ug/L	10.0	1.19	1	07/27/24 15:19	07/27/24 15:19	78-93-3		
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/27/24 15:19	07/27/24 15:19	95-49-8		
2-Hexanone	ND	ug/L	10.0	0.787	1	07/27/24 15:19	07/27/24 15:19	591-78-6		
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/27/24 15:19	07/27/24 15:19	106-43-4		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/27/24 15:19	07/27/24 15:19	108-10-1		
Acetone	ND	ug/L	50.0	11.3	1	07/27/24 15:19	07/27/24 15:19	67-64-1		
Benzene	ND	ug/L	1.00	0.0941	1	07/27/24 15:19	07/27/24 15:19	71-43-2		
Bromobenzene	ND	ug/L	1.00	0.118	1	07/27/24 15:19	07/27/24 15:19	108-86-1		
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/27/24 15:19	07/27/24 15:19	74-97-5		
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/27/24 15:19	07/27/24 15:19	75-27-4		
Bromoform	ND	ug/L	1.00	0.129	1	07/27/24 15:19	07/27/24 15:19	75-25-2		
Bromomethane	ND	ug/L	5.00	0.605	1	07/27/24 15:19	07/27/24 15:19	74-83-9		C3
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/27/24 15:19	07/27/24 15:19	75-15-0		
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/27/24 15:19	07/27/24 15:19	56-23-5		
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/27/24 15:19	07/27/24 15:19	108-90-7		
Chloroethane	ND	ug/L	5.00	0.192	1	07/27/24 15:19	07/27/24 15:19	75-00-3		
Chloroform	ND	ug/L	5.00	0.111	1	07/27/24 15:19	07/27/24 15:19	67-66-3		
Chloromethane	ND	ug/L	2.50	0.960	1	07/27/24 15:19	07/27/24 15:19	74-87-3		
cis-1,2-Dichloroethene	1.45	ug/L	1.00	0.126	1	07/27/24 15:19	07/27/24 15:19	156-59-2		
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/27/24 15:19	07/27/24 15:19	10061-01-5		
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/27/24 15:19	07/27/24 15:19	124-48-1		
Dibromomethane	ND	ug/L	1.00	0.122	1	07/27/24 15:19	07/27/24 15:19	74-95-3		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071824-CB-017		Lab ID: 60457070018		Collected: 07/18/24 09:30		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/27/24 15:19	07/27/24 15:19	75-71-8	
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/27/24 15:19	07/27/24 15:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/27/24 15:19	07/27/24 15:19	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/27/24 15:19	07/27/24 15:19	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/27/24 15:19	07/27/24 15:19	1634-04-4	
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/27/24 15:19	07/27/24 15:19	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/27/24 15:19	07/27/24 15:19	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/27/24 15:19	07/27/24 15:19	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/27/24 15:19	07/27/24 15:19	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/27/24 15:19	07/27/24 15:19	91-20-3	C3
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/27/24 15:19	07/27/24 15:19	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/27/24 15:19	07/27/24 15:19	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/27/24 15:19	07/27/24 15:19	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/27/24 15:19	07/27/24 15:19	98-06-6	
Tetrachloroethene	ND	ug/L	1.00	0.300	1	07/27/24 15:19	07/27/24 15:19	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/27/24 15:19	07/27/24 15:19	108-88-3	
trans-1,2-Dichloroethene	ND	ug/L	1.00	0.149	1	07/27/24 15:19	07/27/24 15:19	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/27/24 15:19	07/27/24 15:19	10061-02-6	
Trichloroethene	9.13	ug/L	1.00	0.190	1	07/27/24 15:19	07/27/24 15:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/27/24 15:19	07/27/24 15:19	75-69-4	
Vinyl chloride	ND	ug/L	1.00	0.234	1	07/27/24 15:19	07/27/24 15:19	75-01-4	
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/27/24 15:19	07/27/24 15:19	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	109	%	70.0-130		1	07/27/24 15:19	07/27/24 15:19	17060-07-0	
4-Bromofluorobenzene (S)	97.4	%	77.0-126		1	07/27/24 15:19	07/27/24 15:19	460-00-4	
Toluene-d8 (S)	110	%	80.0-120		1	07/27/24 15:19	07/27/24 15:19	2037-26-5	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071824-CB-018 Lab ID: 60457070019 Collected: 07/18/24 09:35 Received: 07/18/24 13:52 Matrix: Water

Parameters	Results	Units	Report		MDL	DF	Prepared	Analyzed	CAS No.	Qual
			Limit							
VOA (GC/MS) 8260D	Analytical Method: EPA 8260D Preparation Method: 8260D									
	Pace National - Mt. Juliet									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/27/24 15:40	07/27/24 15:40	630-20-6		
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/27/24 15:40	07/27/24 15:40	71-55-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/27/24 15:40	07/27/24 15:40	79-34-5		
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/27/24 15:40	07/27/24 15:40	79-00-5		
1,1,2-Trichlorotrifluoroethane	5.99	ug/L	1.00	0.180	1	07/27/24 15:40	07/27/24 15:40	76-13-1		
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/27/24 15:40	07/27/24 15:40	75-34-3		
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/27/24 15:40	07/27/24 15:40	75-35-4		
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/27/24 15:40	07/27/24 15:40	563-58-6		
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/27/24 15:40	07/27/24 15:40	87-61-6		
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/27/24 15:40	07/27/24 15:40	96-18-4		
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/27/24 15:40	07/27/24 15:40	120-82-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/27/24 15:40	07/27/24 15:40	95-63-6		
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/27/24 15:40	07/27/24 15:40	96-12-8		C3
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/27/24 15:40	07/27/24 15:40	106-93-4		
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/27/24 15:40	07/27/24 15:40	95-50-1		
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/27/24 15:40	07/27/24 15:40	107-06-2		
1,2-Dichloroethene (Total)	1.78	ug/L	1.00	0.656	1	07/27/24 15:40	07/27/24 15:40	540-59-0		
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/27/24 15:40	07/27/24 15:40	78-87-5		
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/27/24 15:40	07/27/24 15:40	108-67-8		
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/27/24 15:40	07/27/24 15:40	541-73-1		
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/27/24 15:40	07/27/24 15:40	142-28-9		
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/27/24 15:40	07/27/24 15:40	106-46-7		
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/27/24 15:40	07/27/24 15:40	594-20-7		
2-Butanone (MEK)	ND	ug/L	10.0	1.19	1	07/27/24 15:40	07/27/24 15:40	78-93-3		
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/27/24 15:40	07/27/24 15:40	95-49-8		
2-Hexanone	ND	ug/L	10.0	0.787	1	07/27/24 15:40	07/27/24 15:40	591-78-6		
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/27/24 15:40	07/27/24 15:40	106-43-4		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/27/24 15:40	07/27/24 15:40	108-10-1		
Acetone	ND	ug/L	50.0	11.3	1	07/27/24 15:40	07/27/24 15:40	67-64-1		
Benzene	ND	ug/L	1.00	0.0941	1	07/27/24 15:40	07/27/24 15:40	71-43-2		
Bromobenzene	ND	ug/L	1.00	0.118	1	07/27/24 15:40	07/27/24 15:40	108-86-1		
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/27/24 15:40	07/27/24 15:40	74-97-5		
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/27/24 15:40	07/27/24 15:40	75-27-4		
Bromoform	ND	ug/L	1.00	0.129	1	07/27/24 15:40	07/27/24 15:40	75-25-2		
Bromomethane	ND	ug/L	5.00	0.605	1	07/27/24 15:40	07/27/24 15:40	74-83-9		C3
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/27/24 15:40	07/27/24 15:40	75-15-0		
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/27/24 15:40	07/27/24 15:40	56-23-5		
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/27/24 15:40	07/27/24 15:40	108-90-7		
Chloroethane	ND	ug/L	5.00	0.192	1	07/27/24 15:40	07/27/24 15:40	75-00-3		
Chloroform	ND	ug/L	5.00	0.111	1	07/27/24 15:40	07/27/24 15:40	67-66-3		
Chloromethane	ND	ug/L	2.50	0.960	1	07/27/24 15:40	07/27/24 15:40	74-87-3		
cis-1,2-Dichloroethene	1.78	ug/L	1.00	0.126	1	07/27/24 15:40	07/27/24 15:40	156-59-2		
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/27/24 15:40	07/27/24 15:40	10061-01-5		
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/27/24 15:40	07/27/24 15:40	124-48-1		
Dibromomethane	ND	ug/L	1.00	0.122	1	07/27/24 15:40	07/27/24 15:40	74-95-3		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071824-CB-018		Lab ID: 60457070019		Collected: 07/18/24 09:35		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D		Analytical Method: EPA 8260D Preparation Method: 8260D Pace National - Mt. Juliet							
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/27/24 15:40	07/27/24 15:40	75-71-8	
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/27/24 15:40	07/27/24 15:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/27/24 15:40	07/27/24 15:40	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/27/24 15:40	07/27/24 15:40	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/27/24 15:40	07/27/24 15:40	1634-04-4	
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/27/24 15:40	07/27/24 15:40	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/27/24 15:40	07/27/24 15:40	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/27/24 15:40	07/27/24 15:40	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/27/24 15:40	07/27/24 15:40	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/27/24 15:40	07/27/24 15:40	91-20-3	C3
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/27/24 15:40	07/27/24 15:40	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/27/24 15:40	07/27/24 15:40	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/27/24 15:40	07/27/24 15:40	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/27/24 15:40	07/27/24 15:40	98-06-6	
Tetrachloroethene	ND	ug/L	1.00	0.300	1	07/27/24 15:40	07/27/24 15:40	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/27/24 15:40	07/27/24 15:40	108-88-3	
trans-1,2-Dichloroethene	ND	ug/L	1.00	0.149	1	07/27/24 15:40	07/27/24 15:40	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/27/24 15:40	07/27/24 15:40	10061-02-6	
Trichloroethene	9.24	ug/L	1.00	0.190	1	07/27/24 15:40	07/27/24 15:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/27/24 15:40	07/27/24 15:40	75-69-4	
Vinyl chloride	ND	ug/L	1.00	0.234	1	07/27/24 15:40	07/27/24 15:40	75-01-4	
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/27/24 15:40	07/27/24 15:40	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	111	%	70.0-130		1	07/27/24 15:40	07/27/24 15:40	17060-07-0	
4-Bromofluorobenzene (S)	97.1	%	77.0-126		1	07/27/24 15:40	07/27/24 15:40	460-00-4	
Toluene-d8 (S)	111	%	80.0-120		1	07/27/24 15:40	07/27/24 15:40	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071824-CB-019		Lab ID: 60457070020		Collected: 07/18/24 10:10		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/27/24 13:23	07/27/24 13:23	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/27/24 13:23	07/27/24 13:23	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/27/24 13:23	07/27/24 13:23	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/27/24 13:23	07/27/24 13:23	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.00	0.180	1	07/27/24 13:23	07/27/24 13:23	76-13-1	
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/27/24 13:23	07/27/24 13:23	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/27/24 13:23	07/27/24 13:23	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/27/24 13:23	07/27/24 13:23	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/27/24 13:23	07/27/24 13:23	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/27/24 13:23	07/27/24 13:23	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/27/24 13:23	07/27/24 13:23	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/27/24 13:23	07/27/24 13:23	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/27/24 13:23	07/27/24 13:23	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/27/24 13:23	07/27/24 13:23	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/27/24 13:23	07/27/24 13:23	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/27/24 13:23	07/27/24 13:23	107-06-2	
1,2-Dichloroethene (Total)	8.75	ug/L	1.00	0.656	1	07/27/24 13:23	07/27/24 13:23	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/27/24 13:23	07/27/24 13:23	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/27/24 13:23	07/27/24 13:23	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/27/24 13:23	07/27/24 13:23	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/27/24 13:23	07/27/24 13:23	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/27/24 13:23	07/27/24 13:23	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/27/24 13:23	07/27/24 13:23	594-20-7	
2-Butanone (MEK)	ND	ug/L	10.0	1.19	1	07/27/24 13:23	07/27/24 13:23	78-93-3	
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/27/24 13:23	07/27/24 13:23	95-49-8	
2-Hexanone	ND	ug/L	10.0	0.787	1	07/27/24 13:23	07/27/24 13:23	591-78-6	
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/27/24 13:23	07/27/24 13:23	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/27/24 13:23	07/27/24 13:23	108-10-1	L0,MH
Acetone	ND	ug/L	50.0	11.3	1	07/27/24 13:23	07/27/24 13:23	67-64-1	
Benzene	ND	ug/L	1.00	0.0941	1	07/27/24 13:23	07/27/24 13:23	71-43-2	
Bromobenzene	ND	ug/L	1.00	0.118	1	07/27/24 13:23	07/27/24 13:23	108-86-1	
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/27/24 13:23	07/27/24 13:23	74-97-5	
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/27/24 13:23	07/27/24 13:23	75-27-4	
Bromoform	ND	ug/L	1.00	0.129	1	07/27/24 13:23	07/27/24 13:23	75-25-2	
Bromomethane	ND	ug/L	5.00	0.605	1	07/27/24 13:23	07/27/24 13:23	74-83-9	MH
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/27/24 13:23	07/27/24 13:23	75-15-0	C3
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/27/24 13:23	07/27/24 13:23	56-23-5	
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/27/24 13:23	07/27/24 13:23	108-90-7	
Chloroethane	ND	ug/L	5.00	0.192	1	07/27/24 13:23	07/27/24 13:23	75-00-3	
Chloroform	ND	ug/L	5.00	0.111	1	07/27/24 13:23	07/27/24 13:23	67-66-3	
Chloromethane	ND	ug/L	2.50	0.960	1	07/27/24 13:23	07/27/24 13:23	74-87-3	
cis-1,2-Dichloroethene	7.87	ug/L	1.00	0.126	1	07/27/24 13:23	07/27/24 13:23	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/27/24 13:23	07/27/24 13:23	10061-01-5	
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/27/24 13:23	07/27/24 13:23	124-48-1	
Dibromomethane	ND	ug/L	1.00	0.122	1	07/27/24 13:23	07/27/24 13:23	74-95-3	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071824-CB-019		Lab ID: 60457070020		Collected: 07/18/24 10:10		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/27/24 13:23	07/27/24 13:23	75-71-8	C3
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/27/24 13:23	07/27/24 13:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/27/24 13:23	07/27/24 13:23	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/27/24 13:23	07/27/24 13:23	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/27/24 13:23	07/27/24 13:23	1634-04-4	MH
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/27/24 13:23	07/27/24 13:23	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/27/24 13:23	07/27/24 13:23	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/27/24 13:23	07/27/24 13:23	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/27/24 13:23	07/27/24 13:23	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/27/24 13:23	07/27/24 13:23	91-20-3	
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/27/24 13:23	07/27/24 13:23	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/27/24 13:23	07/27/24 13:23	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/27/24 13:23	07/27/24 13:23	100-42-5	J
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/27/24 13:23	07/27/24 13:23	98-06-6	
Tetrachloroethene	ND	ug/L	1.00	0.300	1	07/27/24 13:23	07/27/24 13:23	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/27/24 13:23	07/27/24 13:23	108-88-3	
trans-1,2-Dichloroethene	0.882J	ug/L	1.00	0.149	1	07/27/24 13:23	07/27/24 13:23	156-60-5	J
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/27/24 13:23	07/27/24 13:23	10061-02-6	
Trichloroethene	0.304J	ug/L	1.00	0.190	1	07/27/24 13:23	07/27/24 13:23	79-01-6	J
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/27/24 13:23	07/27/24 13:23	75-69-4	
Vinyl chloride	1.43	ug/L	1.00	0.234	1	07/27/24 13:23	07/27/24 13:23	75-01-4	
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/27/24 13:23	07/27/24 13:23	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	122	%	70.0-130		1	07/27/24 13:23	07/27/24 13:23	17060-07-0	
4-Bromofluorobenzene (S)	112	%	77.0-126		1	07/27/24 13:23	07/27/24 13:23	460-00-4	
Toluene-d8 (S)	115	%	80.0-120		1	07/27/24 13:23	07/27/24 13:23	2037-26-5	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071824-CB-020 Lab ID: 60457070021 Collected: 07/18/24 11:07 Received: 07/18/24 13:52 Matrix: Water

Parameters	Results	Units	Report		MDL	DF	Prepared	Analyzed	CAS No.	Qual
			Limit							
VOA (GC/MS) 8260D			Analytical Method: EPA 8260D Preparation Method: 8260D							
			Pace National - Mt. Juliet							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/27/24 13:45	07/27/24 13:45	630-20-6		
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/27/24 13:45	07/27/24 13:45	71-55-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/27/24 13:45	07/27/24 13:45	79-34-5		
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/27/24 13:45	07/27/24 13:45	79-00-5		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.00	0.180	1	07/27/24 13:45	07/27/24 13:45	76-13-1		
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/27/24 13:45	07/27/24 13:45	75-34-3		
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/27/24 13:45	07/27/24 13:45	75-35-4		
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/27/24 13:45	07/27/24 13:45	563-58-6		
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/27/24 13:45	07/27/24 13:45	87-61-6		
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/27/24 13:45	07/27/24 13:45	96-18-4		
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/27/24 13:45	07/27/24 13:45	120-82-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/27/24 13:45	07/27/24 13:45	95-63-6		
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/27/24 13:45	07/27/24 13:45	96-12-8		
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/27/24 13:45	07/27/24 13:45	106-93-4		
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/27/24 13:45	07/27/24 13:45	95-50-1		
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/27/24 13:45	07/27/24 13:45	107-06-2		
1,2-Dichloroethene (Total)	1.12	ug/L	1.00	0.656	1	07/27/24 13:45	07/27/24 13:45	540-59-0		
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/27/24 13:45	07/27/24 13:45	78-87-5		
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/27/24 13:45	07/27/24 13:45	108-67-8		
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/27/24 13:45	07/27/24 13:45	541-73-1		
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/27/24 13:45	07/27/24 13:45	142-28-9		
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/27/24 13:45	07/27/24 13:45	106-46-7		
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/27/24 13:45	07/27/24 13:45	594-20-7		
2-Butanone (MEK)	ND	ug/L	10.0	1.19	1	07/27/24 13:45	07/27/24 13:45	78-93-3		
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/27/24 13:45	07/27/24 13:45	95-49-8		
2-Hexanone	ND	ug/L	10.0	0.787	1	07/27/24 13:45	07/27/24 13:45	591-78-6		
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/27/24 13:45	07/27/24 13:45	106-43-4		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/27/24 13:45	07/27/24 13:45	108-10-1		L0
Acetone	ND	ug/L	50.0	11.3	1	07/27/24 13:45	07/27/24 13:45	67-64-1		
Benzene	ND	ug/L	1.00	0.0941	1	07/27/24 13:45	07/27/24 13:45	71-43-2		
Bromobenzene	ND	ug/L	1.00	0.118	1	07/27/24 13:45	07/27/24 13:45	108-86-1		
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/27/24 13:45	07/27/24 13:45	74-97-5		
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/27/24 13:45	07/27/24 13:45	75-27-4		
Bromoform	ND	ug/L	1.00	0.129	1	07/27/24 13:45	07/27/24 13:45	75-25-2		
Bromomethane	ND	ug/L	5.00	0.605	1	07/27/24 13:45	07/27/24 13:45	74-83-9		
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/27/24 13:45	07/27/24 13:45	75-15-0		C3
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/27/24 13:45	07/27/24 13:45	56-23-5		
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/27/24 13:45	07/27/24 13:45	108-90-7		
Chloroethane	ND	ug/L	5.00	0.192	1	07/27/24 13:45	07/27/24 13:45	75-00-3		
Chloroform	ND	ug/L	5.00	0.111	1	07/27/24 13:45	07/27/24 13:45	67-66-3		
Chloromethane	ND	ug/L	2.50	0.960	1	07/27/24 13:45	07/27/24 13:45	74-87-3		
cis-1,2-Dichloroethene	1.12	ug/L	1.00	0.126	1	07/27/24 13:45	07/27/24 13:45	156-59-2		
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/27/24 13:45	07/27/24 13:45	10061-01-5		
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/27/24 13:45	07/27/24 13:45	124-48-1		
Dibromomethane	ND	ug/L	1.00	0.122	1	07/27/24 13:45	07/27/24 13:45	74-95-3		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071824-CB-020		Lab ID: 60457070021		Collected: 07/18/24 11:07		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/27/24 13:45	07/27/24 13:45	75-71-8	C3
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/27/24 13:45	07/27/24 13:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/27/24 13:45	07/27/24 13:45	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/27/24 13:45	07/27/24 13:45	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/27/24 13:45	07/27/24 13:45	1634-04-4	
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/27/24 13:45	07/27/24 13:45	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/27/24 13:45	07/27/24 13:45	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/27/24 13:45	07/27/24 13:45	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/27/24 13:45	07/27/24 13:45	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/27/24 13:45	07/27/24 13:45	91-20-3	
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/27/24 13:45	07/27/24 13:45	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/27/24 13:45	07/27/24 13:45	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/27/24 13:45	07/27/24 13:45	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/27/24 13:45	07/27/24 13:45	98-06-6	
Tetrachloroethene	ND	ug/L	1.00	0.300	1	07/27/24 13:45	07/27/24 13:45	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/27/24 13:45	07/27/24 13:45	108-88-3	
trans-1,2-Dichloroethene	ND	ug/L	1.00	0.149	1	07/27/24 13:45	07/27/24 13:45	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/27/24 13:45	07/27/24 13:45	10061-02-6	
Trichloroethene	0.234J	ug/L	1.00	0.190	1	07/27/24 13:45	07/27/24 13:45	79-01-6	J
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/27/24 13:45	07/27/24 13:45	75-69-4	
Vinyl chloride	ND	ug/L	1.00	0.234	1	07/27/24 13:45	07/27/24 13:45	75-01-4	
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/27/24 13:45	07/27/24 13:45	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	121	%	70.0-130		1	07/27/24 13:45	07/27/24 13:45	17060-07-0	
4-Bromofluorobenzene (S)	114	%	77.0-126		1	07/27/24 13:45	07/27/24 13:45	460-00-4	
Toluene-d8 (S)	118	%	80.0-120		1	07/27/24 13:45	07/27/24 13:45	2037-26-5	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071524-RR-001 Lab ID: 60457070022 Collected: 07/15/24 16:52 Received: 07/18/24 13:52 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/25/24 03:05	07/25/24 03:05	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/25/24 03:05	07/25/24 03:05	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/25/24 03:05	07/25/24 03:05	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/25/24 03:05	07/25/24 03:05	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.00	0.180	1	07/25/24 03:05	07/25/24 03:05	76-13-1	
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/25/24 03:05	07/25/24 03:05	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/25/24 03:05	07/25/24 03:05	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/25/24 03:05	07/25/24 03:05	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/25/24 03:05	07/25/24 03:05	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/25/24 03:05	07/25/24 03:05	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/25/24 03:05	07/25/24 03:05	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/25/24 03:05	07/25/24 03:05	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/25/24 03:05	07/25/24 03:05	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/25/24 03:05	07/25/24 03:05	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/25/24 03:05	07/25/24 03:05	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/25/24 03:05	07/25/24 03:05	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.00	0.656	1	07/25/24 03:05	07/25/24 03:05	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/25/24 03:05	07/25/24 03:05	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/25/24 03:05	07/25/24 03:05	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/25/24 03:05	07/25/24 03:05	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/25/24 03:05	07/25/24 03:05	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/25/24 03:05	07/25/24 03:05	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/25/24 03:05	07/25/24 03:05	594-20-7	
2-Butanone (MEK)	ND	ug/L	10.0	1.19	1	07/25/24 03:05	07/25/24 03:05	78-93-3	
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/25/24 03:05	07/25/24 03:05	95-49-8	
2-Hexanone	ND	ug/L	10.0	0.787	1	07/25/24 03:05	07/25/24 03:05	591-78-6	
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/25/24 03:05	07/25/24 03:05	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/25/24 03:05	07/25/24 03:05	108-10-1	
Acetone	ND	ug/L	50.0	11.3	1	07/25/24 03:05	07/25/24 03:05	67-64-1	
Benzene	ND	ug/L	1.00	0.0941	1	07/25/24 03:05	07/25/24 03:05	71-43-2	
Bromobenzene	ND	ug/L	1.00	0.118	1	07/25/24 03:05	07/25/24 03:05	108-86-1	
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/25/24 03:05	07/25/24 03:05	74-97-5	
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/25/24 03:05	07/25/24 03:05	75-27-4	
Bromoform	ND	ug/L	1.00	0.129	1	07/25/24 03:05	07/25/24 03:05	75-25-2	
Bromomethane	ND	ug/L	5.00	0.605	1	07/25/24 03:05	07/25/24 03:05	74-83-9	
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/25/24 03:05	07/25/24 03:05	75-15-0	
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/25/24 03:05	07/25/24 03:05	56-23-5	
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/25/24 03:05	07/25/24 03:05	108-90-7	
Chloroethane	ND	ug/L	5.00	0.192	1	07/25/24 03:05	07/25/24 03:05	75-00-3	
Chloroform	ND	ug/L	5.00	0.111	1	07/25/24 03:05	07/25/24 03:05	67-66-3	
Chloromethane	ND	ug/L	2.50	0.960	1	07/25/24 03:05	07/25/24 03:05	74-87-3	
cis-1,2-Dichloroethene	ND	ug/L	1.00	0.126	1	07/25/24 03:05	07/25/24 03:05	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/25/24 03:05	07/25/24 03:05	10061-01-5	
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/25/24 03:05	07/25/24 03:05	124-48-1	
Dibromomethane	ND	ug/L	1.00	0.122	1	07/25/24 03:05	07/25/24 03:05	74-95-3	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071524-RR-001		Lab ID: 60457070022		Collected: 07/15/24 16:52		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D		Analytical Method: EPA 8260D Preparation Method: 8260D Pace National - Mt. Juliet							
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/25/24 03:05	07/25/24 03:05	75-71-8	
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/25/24 03:05	07/25/24 03:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/25/24 03:05	07/25/24 03:05	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/25/24 03:05	07/25/24 03:05	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/25/24 03:05	07/25/24 03:05	1634-04-4	
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/25/24 03:05	07/25/24 03:05	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/25/24 03:05	07/25/24 03:05	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/25/24 03:05	07/25/24 03:05	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/25/24 03:05	07/25/24 03:05	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/25/24 03:05	07/25/24 03:05	91-20-3	C3
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/25/24 03:05	07/25/24 03:05	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/25/24 03:05	07/25/24 03:05	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/25/24 03:05	07/25/24 03:05	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/25/24 03:05	07/25/24 03:05	98-06-6	
Tetrachloroethene	ND	ug/L	1.00	0.300	1	07/25/24 03:05	07/25/24 03:05	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/25/24 03:05	07/25/24 03:05	108-88-3	
trans-1,2-Dichloroethene	ND	ug/L	1.00	0.149	1	07/25/24 03:05	07/25/24 03:05	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/25/24 03:05	07/25/24 03:05	10061-02-6	
Trichloroethene	ND	ug/L	1.00	0.190	1	07/25/24 03:05	07/25/24 03:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/25/24 03:05	07/25/24 03:05	75-69-4	
Vinyl chloride	ND	ug/L	1.00	0.234	1	07/25/24 03:05	07/25/24 03:05	75-01-4	
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/25/24 03:05	07/25/24 03:05	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	121	%	70.0-130		1	07/25/24 03:05	07/25/24 03:05	17060-07-0	
4-Bromofluorobenzene (S)	88.8	%	77.0-126		1	07/25/24 03:05	07/25/24 03:05	460-00-4	
Toluene-d8 (S)	99.9	%	80.0-120		1	07/25/24 03:05	07/25/24 03:05	2037-26-5	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071724-RR-002		Lab ID: 60457070023		Collected: 07/17/24 11:50		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/27/24 14:07	07/27/24 14:07	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/27/24 14:07	07/27/24 14:07	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/27/24 14:07	07/27/24 14:07	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/27/24 14:07	07/27/24 14:07	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.00	0.180	1	07/27/24 14:07	07/27/24 14:07	76-13-1	
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/27/24 14:07	07/27/24 14:07	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/27/24 14:07	07/27/24 14:07	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/27/24 14:07	07/27/24 14:07	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/27/24 14:07	07/27/24 14:07	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/27/24 14:07	07/27/24 14:07	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/27/24 14:07	07/27/24 14:07	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/27/24 14:07	07/27/24 14:07	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/27/24 14:07	07/27/24 14:07	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/27/24 14:07	07/27/24 14:07	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/27/24 14:07	07/27/24 14:07	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/27/24 14:07	07/27/24 14:07	107-06-2	
1,2-Dichloroethene (Total)	94.2	ug/L	1.00	0.656	1	07/27/24 14:07	07/27/24 14:07	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/27/24 14:07	07/27/24 14:07	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/27/24 14:07	07/27/24 14:07	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/27/24 14:07	07/27/24 14:07	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/27/24 14:07	07/27/24 14:07	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/27/24 14:07	07/27/24 14:07	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/27/24 14:07	07/27/24 14:07	594-20-7	
2-Butanone (MEK)	ND	ug/L	10.0	1.19	1	07/27/24 14:07	07/27/24 14:07	78-93-3	
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/27/24 14:07	07/27/24 14:07	95-49-8	
2-Hexanone	ND	ug/L	10.0	0.787	1	07/27/24 14:07	07/27/24 14:07	591-78-6	
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/27/24 14:07	07/27/24 14:07	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/27/24 14:07	07/27/24 14:07	108-10-1	L0
Acetone	ND	ug/L	50.0	11.3	1	07/27/24 14:07	07/27/24 14:07	67-64-1	
Benzene	0.107J	ug/L	1.00	0.0941	1	07/27/24 14:07	07/27/24 14:07	71-43-2	J
Bromobenzene	ND	ug/L	1.00	0.118	1	07/27/24 14:07	07/27/24 14:07	108-86-1	
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/27/24 14:07	07/27/24 14:07	74-97-5	
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/27/24 14:07	07/27/24 14:07	75-27-4	
Bromoform	ND	ug/L	1.00	0.129	1	07/27/24 14:07	07/27/24 14:07	75-25-2	
Bromomethane	ND	ug/L	5.00	0.605	1	07/27/24 14:07	07/27/24 14:07	74-83-9	
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/27/24 14:07	07/27/24 14:07	75-15-0	C3
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/27/24 14:07	07/27/24 14:07	56-23-5	
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/27/24 14:07	07/27/24 14:07	108-90-7	
Chloroethane	ND	ug/L	5.00	0.192	1	07/27/24 14:07	07/27/24 14:07	75-00-3	
Chloroform	ND	ug/L	5.00	0.111	1	07/27/24 14:07	07/27/24 14:07	67-66-3	
Chloromethane	ND	ug/L	2.50	0.960	1	07/27/24 14:07	07/27/24 14:07	74-87-3	
cis-1,2-Dichloroethene	90.7	ug/L	1.00	0.126	1	07/27/24 14:07	07/27/24 14:07	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/27/24 14:07	07/27/24 14:07	10061-01-5	
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/27/24 14:07	07/27/24 14:07	124-48-1	
Dibromomethane	ND	ug/L	1.00	0.122	1	07/27/24 14:07	07/27/24 14:07	74-95-3	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071724-RR-002		Lab ID: 60457070023		Collected: 07/17/24 11:50		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/27/24 14:07	07/27/24 14:07	75-71-8	C3
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/27/24 14:07	07/27/24 14:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/27/24 14:07	07/27/24 14:07	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/27/24 14:07	07/27/24 14:07	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/27/24 14:07	07/27/24 14:07	1634-04-4	
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/27/24 14:07	07/27/24 14:07	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/27/24 14:07	07/27/24 14:07	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/27/24 14:07	07/27/24 14:07	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/27/24 14:07	07/27/24 14:07	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/27/24 14:07	07/27/24 14:07	91-20-3	
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/27/24 14:07	07/27/24 14:07	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/27/24 14:07	07/27/24 14:07	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/27/24 14:07	07/27/24 14:07	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/27/24 14:07	07/27/24 14:07	98-06-6	
Tetrachloroethene	ND	ug/L	1.00	0.300	1	07/27/24 14:07	07/27/24 14:07	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/27/24 14:07	07/27/24 14:07	108-88-3	
trans-1,2-Dichloroethene	3.49	ug/L	1.00	0.149	1	07/27/24 14:07	07/27/24 14:07	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/27/24 14:07	07/27/24 14:07	10061-02-6	
Trichloroethene	ND	ug/L	1.00	0.190	1	07/27/24 14:07	07/27/24 14:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/27/24 14:07	07/27/24 14:07	75-69-4	
Vinyl chloride	2.83	ug/L	1.00	0.234	1	07/27/24 14:07	07/27/24 14:07	75-01-4	
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/27/24 14:07	07/27/24 14:07	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	120	%	70.0-130		1	07/27/24 14:07	07/27/24 14:07	17060-07-0	
4-Bromofluorobenzene (S)	110	%	77.0-126		1	07/27/24 14:07	07/27/24 14:07	460-00-4	
Toluene-d8 (S)	114	%	80.0-120		1	07/27/24 14:07	07/27/24 14:07	2037-26-5	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071724-RR-003		Lab ID: 60457070024		Collected: 07/17/24 12:23		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015 MOD KS TPH									
Analytical Method: EPA 8015C Preparation Method: EPA 3511									
Pace Analytical Services - Kansas City									
HRH (C19-C35)	ND	mg/L	0.19	0.11	1	07/19/24 16:13	07/22/24 22:56		
MRH (C9-C18)	0.18	mg/L	0.058	0.054	1	07/19/24 16:13	07/22/24 22:56		
Surrogates									
1-Chloro-octadecane (S)	86	%	40-140		1	07/19/24 16:13	07/22/24 22:56	3386-33-2	
VPH KS LRH									
Analytical Method: EPA 8015 Mod Ext Preparation Method: KS LRH									
Pace National - Mt. Juliet									
LRH (C5-C8)	ND	ug/L	100	41.0	1	07/29/24 12:53	07/29/24 12:53		
Surrogates									
2,5-Dibromotoluene (FID)	117	%	70.0-130		1	07/29/24 12:53	07/29/24 12:53	615-59-8FID	
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/27/24 14:29	07/27/24 14:29	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/27/24 14:29	07/27/24 14:29	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/27/24 14:29	07/27/24 14:29	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/27/24 14:29	07/27/24 14:29	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.00	0.180	1	07/27/24 14:29	07/27/24 14:29	76-13-1	
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/27/24 14:29	07/27/24 14:29	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/27/24 14:29	07/27/24 14:29	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/27/24 14:29	07/27/24 14:29	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/27/24 14:29	07/27/24 14:29	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/27/24 14:29	07/27/24 14:29	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/27/24 14:29	07/27/24 14:29	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/27/24 14:29	07/27/24 14:29	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/27/24 14:29	07/27/24 14:29	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/27/24 14:29	07/27/24 14:29	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/27/24 14:29	07/27/24 14:29	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/27/24 14:29	07/27/24 14:29	107-06-2	
1,2-Dichloroethene (Total)	6.03	ug/L	1.00	0.656	1	07/27/24 14:29	07/27/24 14:29	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/27/24 14:29	07/27/24 14:29	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/27/24 14:29	07/27/24 14:29	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/27/24 14:29	07/27/24 14:29	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/27/24 14:29	07/27/24 14:29	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/27/24 14:29	07/27/24 14:29	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/27/24 14:29	07/27/24 14:29	594-20-7	
2-Butanone (MEK)	ND	ug/L	10.0	1.19	1	07/27/24 14:29	07/27/24 14:29	78-93-3	
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/27/24 14:29	07/27/24 14:29	95-49-8	
2-Hexanone	ND	ug/L	10.0	0.787	1	07/27/24 14:29	07/27/24 14:29	591-78-6	
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/27/24 14:29	07/27/24 14:29	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/27/24 14:29	07/27/24 14:29	108-10-1	LO
Acetone	ND	ug/L	50.0	11.3	1	07/27/24 14:29	07/27/24 14:29	67-64-1	
Benzene	1.45	ug/L	1.00	0.0941	1	07/27/24 14:29	07/27/24 14:29	71-43-2	
Bromobenzene	ND	ug/L	1.00	0.118	1	07/27/24 14:29	07/27/24 14:29	108-86-1	
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/27/24 14:29	07/27/24 14:29	74-97-5	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071724-RR-003		Lab ID: 60457070024		Collected: 07/17/24 12:23		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D		Analytical Method: EPA 8260D Preparation Method: 8260D Pace National - Mt. Juliet							
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/27/24 14:29	07/27/24 14:29	75-27-4	
Bromoform	ND	ug/L	1.00	0.129	1	07/27/24 14:29	07/27/24 14:29	75-25-2	
Bromomethane	ND	ug/L	5.00	0.605	1	07/27/24 14:29	07/27/24 14:29	74-83-9	
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/27/24 14:29	07/27/24 14:29	75-15-0	C3
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/27/24 14:29	07/27/24 14:29	56-23-5	
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/27/24 14:29	07/27/24 14:29	108-90-7	
Chloroethane	ND	ug/L	5.00	0.192	1	07/27/24 14:29	07/27/24 14:29	75-00-3	
Chloroform	ND	ug/L	5.00	0.111	1	07/27/24 14:29	07/27/24 14:29	67-66-3	
Chloromethane	ND	ug/L	2.50	0.960	1	07/27/24 14:29	07/27/24 14:29	74-87-3	
cis-1,2-Dichloroethene	5.69	ug/L	1.00	0.126	1	07/27/24 14:29	07/27/24 14:29	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/27/24 14:29	07/27/24 14:29	10061-01-5	
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/27/24 14:29	07/27/24 14:29	124-48-1	
Dibromomethane	ND	ug/L	1.00	0.122	1	07/27/24 14:29	07/27/24 14:29	74-95-3	
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/27/24 14:29	07/27/24 14:29	75-71-8	C3
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/27/24 14:29	07/27/24 14:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/27/24 14:29	07/27/24 14:29	87-68-3	
Isopropylbenzene (Cumene)	0.490J	ug/L	1.00	0.105	1	07/27/24 14:29	07/27/24 14:29	98-82-8	J
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/27/24 14:29	07/27/24 14:29	1634-04-4	
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/27/24 14:29	07/27/24 14:29	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/27/24 14:29	07/27/24 14:29	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/27/24 14:29	07/27/24 14:29	110-54-3	
n-Propylbenzene	0.540J	ug/L	1.00	0.0993	1	07/27/24 14:29	07/27/24 14:29	103-65-1	J
Naphthalene	2.47J	ug/L	5.00	1.00	1	07/27/24 14:29	07/27/24 14:29	91-20-3	J
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/27/24 14:29	07/27/24 14:29	99-87-6	
sec-Butylbenzene	0.188J	ug/L	1.00	0.125	1	07/27/24 14:29	07/27/24 14:29	135-98-8	J
Styrene	ND	ug/L	1.00	0.118	1	07/27/24 14:29	07/27/24 14:29	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/27/24 14:29	07/27/24 14:29	98-06-6	
Tetrachloroethene	ND	ug/L	1.00	0.300	1	07/27/24 14:29	07/27/24 14:29	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/27/24 14:29	07/27/24 14:29	108-88-3	
trans-1,2-Dichloroethene	0.344J	ug/L	1.00	0.149	1	07/27/24 14:29	07/27/24 14:29	156-60-5	J
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/27/24 14:29	07/27/24 14:29	10061-02-6	
Trichloroethene	ND	ug/L	1.00	0.190	1	07/27/24 14:29	07/27/24 14:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/27/24 14:29	07/27/24 14:29	75-69-4	
Vinyl chloride	8.46	ug/L	1.00	0.234	1	07/27/24 14:29	07/27/24 14:29	75-01-4	
Xylene (Total)	0.605J	ug/L	3.00	0.174	1	07/27/24 14:29	07/27/24 14:29	1330-20-7	J
Surrogates									
1,2-Dichloroethane-d4 (S)	126	%	70.0-130		1	07/27/24 14:29	07/27/24 14:29	17060-07-0	
4-Bromofluorobenzene (S)	111	%	77.0-126		1	07/27/24 14:29	07/27/24 14:29	460-00-4	
Toluene-d8 (S)	113	%	80.0-120		1	07/27/24 14:29	07/27/24 14:29	2037-26-5	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071724-RR-004 Lab ID: 60457070025 Collected: 07/17/24 14:07 Received: 07/18/24 13:52 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/27/24 14:51	07/27/24 14:51	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/27/24 14:51	07/27/24 14:51	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/27/24 14:51	07/27/24 14:51	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/27/24 14:51	07/27/24 14:51	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.00	0.180	1	07/27/24 14:51	07/27/24 14:51	76-13-1	
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/27/24 14:51	07/27/24 14:51	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/27/24 14:51	07/27/24 14:51	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/27/24 14:51	07/27/24 14:51	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/27/24 14:51	07/27/24 14:51	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/27/24 14:51	07/27/24 14:51	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/27/24 14:51	07/27/24 14:51	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/27/24 14:51	07/27/24 14:51	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/27/24 14:51	07/27/24 14:51	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/27/24 14:51	07/27/24 14:51	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/27/24 14:51	07/27/24 14:51	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/27/24 14:51	07/27/24 14:51	107-06-2	
1,2-Dichloroethene (Total)	34.9	ug/L	1.00	0.656	1	07/27/24 14:51	07/27/24 14:51	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/27/24 14:51	07/27/24 14:51	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/27/24 14:51	07/27/24 14:51	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/27/24 14:51	07/27/24 14:51	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/27/24 14:51	07/27/24 14:51	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/27/24 14:51	07/27/24 14:51	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/27/24 14:51	07/27/24 14:51	594-20-7	
2-Butanone (MEK)	ND	ug/L	10.0	1.19	1	07/27/24 14:51	07/27/24 14:51	78-93-3	
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/27/24 14:51	07/27/24 14:51	95-49-8	
2-Hexanone	ND	ug/L	10.0	0.787	1	07/27/24 14:51	07/27/24 14:51	591-78-6	
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/27/24 14:51	07/27/24 14:51	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/27/24 14:51	07/27/24 14:51	108-10-1	L0
Acetone	ND	ug/L	50.0	11.3	1	07/27/24 14:51	07/27/24 14:51	67-64-1	
Benzene	0.108J	ug/L	1.00	0.0941	1	07/27/24 14:51	07/27/24 14:51	71-43-2	J
Bromobenzene	ND	ug/L	1.00	0.118	1	07/27/24 14:51	07/27/24 14:51	108-86-1	
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/27/24 14:51	07/27/24 14:51	74-97-5	
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/27/24 14:51	07/27/24 14:51	75-27-4	
Bromoform	ND	ug/L	1.00	0.129	1	07/27/24 14:51	07/27/24 14:51	75-25-2	
Bromomethane	ND	ug/L	5.00	0.605	1	07/27/24 14:51	07/27/24 14:51	74-83-9	
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/27/24 14:51	07/27/24 14:51	75-15-0	C3
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/27/24 14:51	07/27/24 14:51	56-23-5	
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/27/24 14:51	07/27/24 14:51	108-90-7	
Chloroethane	ND	ug/L	5.00	0.192	1	07/27/24 14:51	07/27/24 14:51	75-00-3	
Chloroform	ND	ug/L	5.00	0.111	1	07/27/24 14:51	07/27/24 14:51	67-66-3	
Chloromethane	ND	ug/L	2.50	0.960	1	07/27/24 14:51	07/27/24 14:51	74-87-3	
cis-1,2-Dichloroethene	32.9	ug/L	1.00	0.126	1	07/27/24 14:51	07/27/24 14:51	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/27/24 14:51	07/27/24 14:51	10061-01-5	
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/27/24 14:51	07/27/24 14:51	124-48-1	
Dibromomethane	ND	ug/L	1.00	0.122	1	07/27/24 14:51	07/27/24 14:51	74-95-3	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071724-RR-004		Lab ID: 60457070025		Collected: 07/17/24 14:07		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/27/24 14:51	07/27/24 14:51	75-71-8	C3
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/27/24 14:51	07/27/24 14:51	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/27/24 14:51	07/27/24 14:51	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/27/24 14:51	07/27/24 14:51	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/27/24 14:51	07/27/24 14:51	1634-04-4	
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/27/24 14:51	07/27/24 14:51	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/27/24 14:51	07/27/24 14:51	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/27/24 14:51	07/27/24 14:51	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/27/24 14:51	07/27/24 14:51	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/27/24 14:51	07/27/24 14:51	91-20-3	
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/27/24 14:51	07/27/24 14:51	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/27/24 14:51	07/27/24 14:51	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/27/24 14:51	07/27/24 14:51	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/27/24 14:51	07/27/24 14:51	98-06-6	
Tetrachloroethene	ND	ug/L	1.00	0.300	1	07/27/24 14:51	07/27/24 14:51	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/27/24 14:51	07/27/24 14:51	108-88-3	
trans-1,2-Dichloroethene	1.95	ug/L	1.00	0.149	1	07/27/24 14:51	07/27/24 14:51	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/27/24 14:51	07/27/24 14:51	10061-02-6	
Trichloroethene	ND	ug/L	1.00	0.190	1	07/27/24 14:51	07/27/24 14:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/27/24 14:51	07/27/24 14:51	75-69-4	
Vinyl chloride	4.81	ug/L	1.00	0.234	1	07/27/24 14:51	07/27/24 14:51	75-01-4	
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/27/24 14:51	07/27/24 14:51	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	119	%	70.0-130		1	07/27/24 14:51	07/27/24 14:51	17060-07-0	
4-Bromofluorobenzene (S)	110	%	77.0-126		1	07/27/24 14:51	07/27/24 14:51	460-00-4	
Toluene-d8 (S)	115	%	80.0-120		1	07/27/24 14:51	07/27/24 14:51	2037-26-5	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071824-RR-005		Lab ID: 60457070026		Collected: 07/18/24 09:46		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/27/24 15:13	07/27/24 15:13	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/27/24 15:13	07/27/24 15:13	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/27/24 15:13	07/27/24 15:13	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/27/24 15:13	07/27/24 15:13	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.00	0.180	1	07/27/24 15:13	07/27/24 15:13	76-13-1	
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/27/24 15:13	07/27/24 15:13	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/27/24 15:13	07/27/24 15:13	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/27/24 15:13	07/27/24 15:13	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/27/24 15:13	07/27/24 15:13	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/27/24 15:13	07/27/24 15:13	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/27/24 15:13	07/27/24 15:13	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/27/24 15:13	07/27/24 15:13	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/27/24 15:13	07/27/24 15:13	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/27/24 15:13	07/27/24 15:13	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/27/24 15:13	07/27/24 15:13	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/27/24 15:13	07/27/24 15:13	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.00	0.656	1	07/27/24 15:13	07/27/24 15:13	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/27/24 15:13	07/27/24 15:13	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/27/24 15:13	07/27/24 15:13	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/27/24 15:13	07/27/24 15:13	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/27/24 15:13	07/27/24 15:13	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/27/24 15:13	07/27/24 15:13	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/27/24 15:13	07/27/24 15:13	594-20-7	
2-Butanone (MEK)	ND	ug/L	10.0	1.19	1	07/27/24 15:13	07/27/24 15:13	78-93-3	
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/27/24 15:13	07/27/24 15:13	95-49-8	
2-Hexanone	ND	ug/L	10.0	0.787	1	07/27/24 15:13	07/27/24 15:13	591-78-6	
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/27/24 15:13	07/27/24 15:13	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/27/24 15:13	07/27/24 15:13	108-10-1	L0
Acetone	ND	ug/L	50.0	11.3	1	07/27/24 15:13	07/27/24 15:13	67-64-1	
Benzene	ND	ug/L	1.00	0.0941	1	07/27/24 15:13	07/27/24 15:13	71-43-2	
Bromobenzene	ND	ug/L	1.00	0.118	1	07/27/24 15:13	07/27/24 15:13	108-86-1	
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/27/24 15:13	07/27/24 15:13	74-97-5	
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/27/24 15:13	07/27/24 15:13	75-27-4	
Bromoform	ND	ug/L	1.00	0.129	1	07/27/24 15:13	07/27/24 15:13	75-25-2	
Bromomethane	ND	ug/L	5.00	0.605	1	07/27/24 15:13	07/27/24 15:13	74-83-9	
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/27/24 15:13	07/27/24 15:13	75-15-0	C3
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/27/24 15:13	07/27/24 15:13	56-23-5	
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/27/24 15:13	07/27/24 15:13	108-90-7	
Chloroethane	ND	ug/L	5.00	0.192	1	07/27/24 15:13	07/27/24 15:13	75-00-3	
Chloroform	ND	ug/L	5.00	0.111	1	07/27/24 15:13	07/27/24 15:13	67-66-3	
Chloromethane	ND	ug/L	2.50	0.960	1	07/27/24 15:13	07/27/24 15:13	74-87-3	
cis-1,2-Dichloroethene	0.173J	ug/L	1.00	0.126	1	07/27/24 15:13	07/27/24 15:13	156-59-2	J
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/27/24 15:13	07/27/24 15:13	10061-01-5	
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/27/24 15:13	07/27/24 15:13	124-48-1	
Dibromomethane	ND	ug/L	1.00	0.122	1	07/27/24 15:13	07/27/24 15:13	74-95-3	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071824-RR-005		Lab ID: 60457070026		Collected: 07/18/24 09:46		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/27/24 15:13	07/27/24 15:13	75-71-8	C3
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/27/24 15:13	07/27/24 15:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/27/24 15:13	07/27/24 15:13	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/27/24 15:13	07/27/24 15:13	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/27/24 15:13	07/27/24 15:13	1634-04-4	
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/27/24 15:13	07/27/24 15:13	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/27/24 15:13	07/27/24 15:13	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/27/24 15:13	07/27/24 15:13	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/27/24 15:13	07/27/24 15:13	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/27/24 15:13	07/27/24 15:13	91-20-3	
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/27/24 15:13	07/27/24 15:13	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/27/24 15:13	07/27/24 15:13	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/27/24 15:13	07/27/24 15:13	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/27/24 15:13	07/27/24 15:13	98-06-6	
Tetrachloroethene	ND	ug/L	1.00	0.300	1	07/27/24 15:13	07/27/24 15:13	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/27/24 15:13	07/27/24 15:13	108-88-3	
trans-1,2-Dichloroethene	ND	ug/L	1.00	0.149	1	07/27/24 15:13	07/27/24 15:13	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/27/24 15:13	07/27/24 15:13	10061-02-6	
Trichloroethene	ND	ug/L	1.00	0.190	1	07/27/24 15:13	07/27/24 15:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/27/24 15:13	07/27/24 15:13	75-69-4	
Vinyl chloride	ND	ug/L	1.00	0.234	1	07/27/24 15:13	07/27/24 15:13	75-01-4	
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/27/24 15:13	07/27/24 15:13	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	120	%	70.0-130		1	07/27/24 15:13	07/27/24 15:13	17060-07-0	
4-Bromofluorobenzene (S)	112	%	77.0-126		1	07/27/24 15:13	07/27/24 15:13	460-00-4	
Toluene-d8 (S)	113	%	80.0-120		1	07/27/24 15:13	07/27/24 15:13	2037-26-5	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071824-RR-006		Lab ID: 60457070027		Collected: 07/18/24 10:19		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/27/24 15:35	07/27/24 15:35	630-20-6	
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/27/24 15:35	07/27/24 15:35	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/27/24 15:35	07/27/24 15:35	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/27/24 15:35	07/27/24 15:35	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.00	0.180	1	07/27/24 15:35	07/27/24 15:35	76-13-1	
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/27/24 15:35	07/27/24 15:35	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/27/24 15:35	07/27/24 15:35	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/27/24 15:35	07/27/24 15:35	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/27/24 15:35	07/27/24 15:35	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/27/24 15:35	07/27/24 15:35	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/27/24 15:35	07/27/24 15:35	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/27/24 15:35	07/27/24 15:35	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/27/24 15:35	07/27/24 15:35	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/27/24 15:35	07/27/24 15:35	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/27/24 15:35	07/27/24 15:35	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/27/24 15:35	07/27/24 15:35	107-06-2	
1,2-Dichloroethene (Total)	3.57	ug/L	1.00	0.656	1	07/27/24 15:35	07/27/24 15:35	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/27/24 15:35	07/27/24 15:35	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/27/24 15:35	07/27/24 15:35	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/27/24 15:35	07/27/24 15:35	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/27/24 15:35	07/27/24 15:35	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/27/24 15:35	07/27/24 15:35	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/27/24 15:35	07/27/24 15:35	594-20-7	
2-Butanone (MEK)	ND	ug/L	10.0	1.19	1	07/27/24 15:35	07/27/24 15:35	78-93-3	
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/27/24 15:35	07/27/24 15:35	95-49-8	
2-Hexanone	ND	ug/L	10.0	0.787	1	07/27/24 15:35	07/27/24 15:35	591-78-6	
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/27/24 15:35	07/27/24 15:35	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/27/24 15:35	07/27/24 15:35	108-10-1	L0
Acetone	ND	ug/L	50.0	11.3	1	07/27/24 15:35	07/27/24 15:35	67-64-1	
Benzene	ND	ug/L	1.00	0.0941	1	07/27/24 15:35	07/27/24 15:35	71-43-2	
Bromobenzene	ND	ug/L	1.00	0.118	1	07/27/24 15:35	07/27/24 15:35	108-86-1	
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/27/24 15:35	07/27/24 15:35	74-97-5	
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/27/24 15:35	07/27/24 15:35	75-27-4	
Bromoform	ND	ug/L	1.00	0.129	1	07/27/24 15:35	07/27/24 15:35	75-25-2	
Bromomethane	ND	ug/L	5.00	0.605	1	07/27/24 15:35	07/27/24 15:35	74-83-9	
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/27/24 15:35	07/27/24 15:35	75-15-0	C3
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/27/24 15:35	07/27/24 15:35	56-23-5	
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/27/24 15:35	07/27/24 15:35	108-90-7	
Chloroethane	ND	ug/L	5.00	0.192	1	07/27/24 15:35	07/27/24 15:35	75-00-3	
Chloroform	ND	ug/L	5.00	0.111	1	07/27/24 15:35	07/27/24 15:35	67-66-3	
Chloromethane	ND	ug/L	2.50	0.960	1	07/27/24 15:35	07/27/24 15:35	74-87-3	
cis-1,2-Dichloroethene	3.41	ug/L	1.00	0.126	1	07/27/24 15:35	07/27/24 15:35	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/27/24 15:35	07/27/24 15:35	10061-01-5	
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/27/24 15:35	07/27/24 15:35	124-48-1	
Dibromomethane	ND	ug/L	1.00	0.122	1	07/27/24 15:35	07/27/24 15:35	74-95-3	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071824-RR-006		Lab ID: 60457070027		Collected: 07/18/24 10:19		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/27/24 15:35	07/27/24 15:35	75-71-8	C3
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/27/24 15:35	07/27/24 15:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/27/24 15:35	07/27/24 15:35	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/27/24 15:35	07/27/24 15:35	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/27/24 15:35	07/27/24 15:35	1634-04-4	
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/27/24 15:35	07/27/24 15:35	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/27/24 15:35	07/27/24 15:35	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/27/24 15:35	07/27/24 15:35	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/27/24 15:35	07/27/24 15:35	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/27/24 15:35	07/27/24 15:35	91-20-3	
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/27/24 15:35	07/27/24 15:35	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/27/24 15:35	07/27/24 15:35	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/27/24 15:35	07/27/24 15:35	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/27/24 15:35	07/27/24 15:35	98-06-6	
Tetrachloroethene	ND	ug/L	1.00	0.300	1	07/27/24 15:35	07/27/24 15:35	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/27/24 15:35	07/27/24 15:35	108-88-3	
trans-1,2-Dichloroethene	0.161J	ug/L	1.00	0.149	1	07/27/24 15:35	07/27/24 15:35	156-60-5	J
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/27/24 15:35	07/27/24 15:35	10061-02-6	
Trichloroethene	ND	ug/L	1.00	0.190	1	07/27/24 15:35	07/27/24 15:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/27/24 15:35	07/27/24 15:35	75-69-4	
Vinyl chloride	5.27	ug/L	1.00	0.234	1	07/27/24 15:35	07/27/24 15:35	75-01-4	
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/27/24 15:35	07/27/24 15:35	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	120	%	70.0-130		1	07/27/24 15:35	07/27/24 15:35	17060-07-0	
4-Bromofluorobenzene (S)	107	%	77.0-126		1	07/27/24 15:35	07/27/24 15:35	460-00-4	
Toluene-d8 (S)	112	%	80.0-120		1	07/27/24 15:35	07/27/24 15:35	2037-26-5	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071824-RR-007 Lab ID: 60457070028 Collected: 07/18/24 10:49 Received: 07/18/24 13:52 Matrix: Water

Parameters	Results	Units	Report		MDL	DF	Prepared	Analyzed	CAS No.	Qual
			Limit							
VOA (GC/MS) 8260D			Analytical Method: EPA 8260D Preparation Method: 8260D							
			Pace National - Mt. Juliet							
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/27/24 15:57	07/27/24 15:57	630-20-6		
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/27/24 15:57	07/27/24 15:57	71-55-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/27/24 15:57	07/27/24 15:57	79-34-5		
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/27/24 15:57	07/27/24 15:57	79-00-5		
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.00	0.180	1	07/27/24 15:57	07/27/24 15:57	76-13-1		
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/27/24 15:57	07/27/24 15:57	75-34-3		
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/27/24 15:57	07/27/24 15:57	75-35-4		
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/27/24 15:57	07/27/24 15:57	563-58-6		
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/27/24 15:57	07/27/24 15:57	87-61-6		
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/27/24 15:57	07/27/24 15:57	96-18-4		
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/27/24 15:57	07/27/24 15:57	120-82-1		
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/27/24 15:57	07/27/24 15:57	95-63-6		
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/27/24 15:57	07/27/24 15:57	96-12-8		
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/27/24 15:57	07/27/24 15:57	106-93-4		
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/27/24 15:57	07/27/24 15:57	95-50-1		
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/27/24 15:57	07/27/24 15:57	107-06-2		
1,2-Dichloroethene (Total)	5.31	ug/L	1.00	0.656	1	07/27/24 15:57	07/27/24 15:57	540-59-0		
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/27/24 15:57	07/27/24 15:57	78-87-5		
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/27/24 15:57	07/27/24 15:57	108-67-8		
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/27/24 15:57	07/27/24 15:57	541-73-1		
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/27/24 15:57	07/27/24 15:57	142-28-9		
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/27/24 15:57	07/27/24 15:57	106-46-7		
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/27/24 15:57	07/27/24 15:57	594-20-7		
2-Butanone (MEK)	ND	ug/L	10.0	1.19	1	07/27/24 15:57	07/27/24 15:57	78-93-3		
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/27/24 15:57	07/27/24 15:57	95-49-8		
2-Hexanone	ND	ug/L	10.0	0.787	1	07/27/24 15:57	07/27/24 15:57	591-78-6		
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/27/24 15:57	07/27/24 15:57	106-43-4		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/27/24 15:57	07/27/24 15:57	108-10-1		L0
Acetone	ND	ug/L	50.0	11.3	1	07/27/24 15:57	07/27/24 15:57	67-64-1		
Benzene	ND	ug/L	1.00	0.0941	1	07/27/24 15:57	07/27/24 15:57	71-43-2		
Bromobenzene	ND	ug/L	1.00	0.118	1	07/27/24 15:57	07/27/24 15:57	108-86-1		
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/27/24 15:57	07/27/24 15:57	74-97-5		
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/27/24 15:57	07/27/24 15:57	75-27-4		
Bromoform	ND	ug/L	1.00	0.129	1	07/27/24 15:57	07/27/24 15:57	75-25-2		
Bromomethane	ND	ug/L	5.00	0.605	1	07/27/24 15:57	07/27/24 15:57	74-83-9		
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/27/24 15:57	07/27/24 15:57	75-15-0		C3
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/27/24 15:57	07/27/24 15:57	56-23-5		
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/27/24 15:57	07/27/24 15:57	108-90-7		
Chloroethane	ND	ug/L	5.00	0.192	1	07/27/24 15:57	07/27/24 15:57	75-00-3		
Chloroform	ND	ug/L	5.00	0.111	1	07/27/24 15:57	07/27/24 15:57	67-66-3		
Chloromethane	ND	ug/L	2.50	0.960	1	07/27/24 15:57	07/27/24 15:57	74-87-3		
cis-1,2-Dichloroethene	5.31	ug/L	1.00	0.126	1	07/27/24 15:57	07/27/24 15:57	156-59-2		
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/27/24 15:57	07/27/24 15:57	10061-01-5		
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/27/24 15:57	07/27/24 15:57	124-48-1		
Dibromomethane	ND	ug/L	1.00	0.122	1	07/27/24 15:57	07/27/24 15:57	74-95-3		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071824-RR-007		Lab ID: 60457070028		Collected: 07/18/24 10:49		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/27/24 15:57	07/27/24 15:57	75-71-8	C3
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/27/24 15:57	07/27/24 15:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/27/24 15:57	07/27/24 15:57	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/27/24 15:57	07/27/24 15:57	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/27/24 15:57	07/27/24 15:57	1634-04-4	
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/27/24 15:57	07/27/24 15:57	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/27/24 15:57	07/27/24 15:57	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/27/24 15:57	07/27/24 15:57	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/27/24 15:57	07/27/24 15:57	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/27/24 15:57	07/27/24 15:57	91-20-3	
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/27/24 15:57	07/27/24 15:57	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/27/24 15:57	07/27/24 15:57	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/27/24 15:57	07/27/24 15:57	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/27/24 15:57	07/27/24 15:57	98-06-6	
Tetrachloroethene	ND	ug/L	1.00	0.300	1	07/27/24 15:57	07/27/24 15:57	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/27/24 15:57	07/27/24 15:57	108-88-3	
trans-1,2-Dichloroethene	ND	ug/L	1.00	0.149	1	07/27/24 15:57	07/27/24 15:57	156-60-5	
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/27/24 15:57	07/27/24 15:57	10061-02-6	
Trichloroethene	ND	ug/L	1.00	0.190	1	07/27/24 15:57	07/27/24 15:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/27/24 15:57	07/27/24 15:57	75-69-4	
Vinyl chloride	2.13	ug/L	1.00	0.234	1	07/27/24 15:57	07/27/24 15:57	75-01-4	
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/27/24 15:57	07/27/24 15:57	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	122	%	70.0-130		1	07/27/24 15:57	07/27/24 15:57	17060-07-0	
4-Bromofluorobenzene (S)	110	%	77.0-126		1	07/27/24 15:57	07/27/24 15:57	460-00-4	
Toluene-d8 (S)	113	%	80.0-120		1	07/27/24 15:57	07/27/24 15:57	2037-26-5	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071824-RR-008 Lab ID: 60457070029 Collected: 07/18/24 11:42 Received: 07/18/24 13:52 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	0.147	1	07/27/24 16:19	07/27/24 16:19	630-20-6	L0
1,1,1-Trichloroethane	ND	ug/L	1.00	0.149	1	07/27/24 16:19	07/27/24 16:19	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	0.133	1	07/27/24 16:19	07/27/24 16:19	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.00	0.158	1	07/27/24 16:19	07/27/24 16:19	79-00-5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.00	0.180	1	07/27/24 16:19	07/27/24 16:19	76-13-1	
1,1-Dichloroethane	ND	ug/L	1.00	0.100	1	07/27/24 16:19	07/27/24 16:19	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.00	0.188	1	07/27/24 16:19	07/27/24 16:19	75-35-4	
1,1-Dichloropropene	ND	ug/L	1.00	0.142	1	07/27/24 16:19	07/27/24 16:19	563-58-6	
1,2,3-Trichlorobenzene	ND	ug/L	1.00	0.230	1	07/27/24 16:19	07/27/24 16:19	87-61-6	
1,2,3-Trichloropropane	ND	ug/L	2.50	0.237	1	07/27/24 16:19	07/27/24 16:19	96-18-4	
1,2,4-Trichlorobenzene	ND	ug/L	1.00	0.481	1	07/27/24 16:19	07/27/24 16:19	120-82-1	
1,2,4-Trimethylbenzene	ND	ug/L	1.00	0.322	1	07/27/24 16:19	07/27/24 16:19	95-63-6	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	0.276	1	07/27/24 16:19	07/27/24 16:19	96-12-8	
1,2-Dibromoethane (EDB)	ND	ug/L	1.00	0.126	1	07/27/24 16:19	07/27/24 16:19	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.00	0.107	1	07/27/24 16:19	07/27/24 16:19	95-50-1	
1,2-Dichloroethane	ND	ug/L	1.00	0.0819	1	07/27/24 16:19	07/27/24 16:19	107-06-2	
1,2-Dichloroethene (Total)	3.47	ug/L	1.00	0.656	1	07/27/24 16:19	07/27/24 16:19	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.00	0.149	1	07/27/24 16:19	07/27/24 16:19	78-87-5	
1,3,5-Trimethylbenzene	ND	ug/L	1.00	0.104	1	07/27/24 16:19	07/27/24 16:19	108-67-8	
1,3-Dichlorobenzene	ND	ug/L	1.00	0.110	1	07/27/24 16:19	07/27/24 16:19	541-73-1	
1,3-Dichloropropane	ND	ug/L	1.00	0.110	1	07/27/24 16:19	07/27/24 16:19	142-28-9	
1,4-Dichlorobenzene	ND	ug/L	1.00	0.120	1	07/27/24 16:19	07/27/24 16:19	106-46-7	
2,2-Dichloropropane	ND	ug/L	1.00	0.161	1	07/27/24 16:19	07/27/24 16:19	594-20-7	
2-Butanone (MEK)	ND	ug/L	10.0	1.19	1	07/27/24 16:19	07/27/24 16:19	78-93-3	
2-Chlorotoluene	ND	ug/L	1.00	0.106	1	07/27/24 16:19	07/27/24 16:19	95-49-8	
2-Hexanone	ND	ug/L	10.0	0.787	1	07/27/24 16:19	07/27/24 16:19	591-78-6	
4-Chlorotoluene	ND	ug/L	1.00	0.114	1	07/27/24 16:19	07/27/24 16:19	106-43-4	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.478	1	07/27/24 16:19	07/27/24 16:19	108-10-1	
Acetone	ND	ug/L	50.0	11.3	1	07/27/24 16:19	07/27/24 16:19	67-64-1	
Benzene	ND	ug/L	1.00	0.0941	1	07/27/24 16:19	07/27/24 16:19	71-43-2	
Bromobenzene	ND	ug/L	1.00	0.118	1	07/27/24 16:19	07/27/24 16:19	108-86-1	
Bromochloromethane	ND	ug/L	1.00	0.128	1	07/27/24 16:19	07/27/24 16:19	74-97-5	
Bromodichloromethane	ND	ug/L	1.00	0.136	1	07/27/24 16:19	07/27/24 16:19	75-27-4	
Bromoform	ND	ug/L	1.00	0.129	1	07/27/24 16:19	07/27/24 16:19	75-25-2	
Bromomethane	ND	ug/L	5.00	0.605	1	07/27/24 16:19	07/27/24 16:19	74-83-9	
Carbon disulfide	ND	ug/L	1.00	0.0962	1	07/27/24 16:19	07/27/24 16:19	75-15-0	
Carbon tetrachloride	ND	ug/L	1.00	0.128	1	07/27/24 16:19	07/27/24 16:19	56-23-5	
Chlorobenzene	ND	ug/L	1.00	0.116	1	07/27/24 16:19	07/27/24 16:19	108-90-7	
Chloroethane	ND	ug/L	5.00	0.192	1	07/27/24 16:19	07/27/24 16:19	75-00-3	
Chloroform	ND	ug/L	5.00	0.111	1	07/27/24 16:19	07/27/24 16:19	67-66-3	
Chloromethane	ND	ug/L	2.50	0.960	1	07/27/24 16:19	07/27/24 16:19	74-87-3	
cis-1,2-Dichloroethene	3.28	ug/L	1.00	0.126	1	07/27/24 16:19	07/27/24 16:19	156-59-2	
cis-1,3-Dichloropropene	ND	ug/L	1.00	0.111	1	07/27/24 16:19	07/27/24 16:19	10061-01-5	
Dibromochloromethane	ND	ug/L	1.00	0.140	1	07/27/24 16:19	07/27/24 16:19	124-48-1	
Dibromomethane	ND	ug/L	1.00	0.122	1	07/27/24 16:19	07/27/24 16:19	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

Sample: WG-071824-RR-008		Lab ID: 60457070029		Collected: 07/18/24 11:42		Received: 07/18/24 13:52		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC/MS) 8260D									
Analytical Method: EPA 8260D Preparation Method: 8260D									
Pace National - Mt. Juliet									
Dichlorodifluoromethane	ND	ug/L	5.00	0.374	1	07/27/24 16:19	07/27/24 16:19	75-71-8	C3
Ethylbenzene	ND	ug/L	1.00	0.137	1	07/27/24 16:19	07/27/24 16:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.00	0.337	1	07/27/24 16:19	07/27/24 16:19	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.00	0.105	1	07/27/24 16:19	07/27/24 16:19	98-82-8	
Methyl-tert-butyl ether	ND	ug/L	1.00	0.101	1	07/27/24 16:19	07/27/24 16:19	1634-04-4	
Methylene Chloride	ND	ug/L	5.00	0.430	1	07/27/24 16:19	07/27/24 16:19	75-09-2	
n-Butylbenzene	ND	ug/L	1.00	0.157	1	07/27/24 16:19	07/27/24 16:19	104-51-8	
n-Hexane	ND	ug/L	10.0	0.749	1	07/27/24 16:19	07/27/24 16:19	110-54-3	
n-Propylbenzene	ND	ug/L	1.00	0.0993	1	07/27/24 16:19	07/27/24 16:19	103-65-1	
Naphthalene	ND	ug/L	5.00	1.00	1	07/27/24 16:19	07/27/24 16:19	91-20-3	
p-Isopropyltoluene	ND	ug/L	1.00	0.120	1	07/27/24 16:19	07/27/24 16:19	99-87-6	
sec-Butylbenzene	ND	ug/L	1.00	0.125	1	07/27/24 16:19	07/27/24 16:19	135-98-8	
Styrene	ND	ug/L	1.00	0.118	1	07/27/24 16:19	07/27/24 16:19	100-42-5	
tert-Butylbenzene	ND	ug/L	1.00	0.127	1	07/27/24 16:19	07/27/24 16:19	98-06-6	
Tetrachloroethene	ND	ug/L	1.00	0.300	1	07/27/24 16:19	07/27/24 16:19	127-18-4	
Toluene	ND	ug/L	1.00	0.278	1	07/27/24 16:19	07/27/24 16:19	108-88-3	
trans-1,2-Dichloroethene	0.191J	ug/L	1.00	0.149	1	07/27/24 16:19	07/27/24 16:19	156-60-5	J
trans-1,3-Dichloropropene	ND	ug/L	1.00	0.118	1	07/27/24 16:19	07/27/24 16:19	10061-02-6	
Trichloroethene	ND	ug/L	1.00	0.190	1	07/27/24 16:19	07/27/24 16:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.00	0.160	1	07/27/24 16:19	07/27/24 16:19	75-69-4	
Vinyl chloride	0.399J	ug/L	1.00	0.234	1	07/27/24 16:19	07/27/24 16:19	75-01-4	J
Xylene (Total)	ND	ug/L	3.00	0.174	1	07/27/24 16:19	07/27/24 16:19	1330-20-7	
Surrogates									
1,2-Dichloroethane-d4 (S)	120	%	70.0-130		1	07/27/24 16:19	07/27/24 16:19	17060-07-0	
4-Bromofluorobenzene (S)	111	%	77.0-126		1	07/27/24 16:19	07/27/24 16:19	460-00-4	
Toluene-d8 (S)	115	%	80.0-120		1	07/27/24 16:19	07/27/24 16:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

QC Batch:	2331844	Analysis Method:	EPA 8015 Mod Ext
QC Batch Method:	KS LRH/MADEPV/MTDEQ VPH/VPH	Analysis Description:	VPH KS LRH
		Laboratory:	Pace National - Mt. Juliet

Associated Lab Samples: 60457070017, 60457070024

METHOD BLANK: R4100523-2 Matrix: Water

Associated Lab Samples: 60457070017, 60457070024

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
LRH (C5-C8)	ug/L	ND	100	41.0	07/29/24 10:26	
2,5-Dibromotoluene (FID)	%	103	70.0-130		07/29/24 10:26	

LABORATORY CONTROL SAMPLE & LCSD: R4100523-1 R4100523-5

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
LRH (C5-C8)	ug/L	1200	1140	1070	95.0	89.2	70.0-130	6.33	25	
2,5-Dibromotoluene (FID)	%				101	95.8	70.0-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4100523-3 R4100523-4

Parameter	Units	L1758816-05 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
LRH (C5-C8)	ug/L	ND	12000	12000	8480	7670	70.7	63.9	70.0-130	10.0	25	ML
2,5-Dibromotoluene (FID)	%						95.4	97.5	70.0-130			

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QUALITY CONTROL DATA

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

QC Batch:	2329565	Analysis Method:	EPA 8260D
QC Batch Method:	624.1/8260B	Analysis Description:	VOA (GC/MS) 8260D
		Laboratory:	Pace National - Mt. Juliet
Associated Lab Samples:	60457070001, 60457070002, 60457070003, 60457070004, 60457070005, 60457070006, 60457070007, 60457070008, 60457070022		

METHOD BLANK: R4100299-2

Matrix: Water

Associated Lab Samples: 60457070001, 60457070002, 60457070003, 60457070004, 60457070005, 60457070006, 60457070007, 60457070008, 60457070022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.00	0.147	07/24/24 20:59	
1,1,1-Trichloroethane	ug/L	ND	1.00	0.149	07/24/24 20:59	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.00	0.133	07/24/24 20:59	
1,1,2-Trichloroethane	ug/L	ND	1.00	0.158	07/24/24 20:59	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.00	0.180	07/24/24 20:59	
1,1-Dichloroethane	ug/L	ND	1.00	0.100	07/24/24 20:59	
1,1-Dichloroethene	ug/L	ND	1.00	0.188	07/24/24 20:59	
1,1-Dichloropropene	ug/L	ND	1.00	0.142	07/24/24 20:59	
1,2,3-Trichlorobenzene	ug/L	ND	1.00	0.230	07/24/24 20:59	
1,2,3-Trichloropropane	ug/L	ND	2.50	0.237	07/24/24 20:59	
1,2,4-Trichlorobenzene	ug/L	ND	1.00	0.481	07/24/24 20:59	
1,2,4-Trimethylbenzene	ug/L	ND	1.00	0.322	07/24/24 20:59	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.00	0.276	07/24/24 20:59	
1,2-Dibromoethane (EDB)	ug/L	ND	1.00	0.126	07/24/24 20:59	
1,2-Dichlorobenzene	ug/L	ND	1.00	0.107	07/24/24 20:59	
1,2-Dichloroethane	ug/L	ND	1.00	0.0819	07/24/24 20:59	
1,2-Dichloroethene (Total)	ug/L	ND	1.00	0.656	07/24/24 20:59	
1,2-Dichloropropane	ug/L	ND	1.00	0.149	07/24/24 20:59	
1,3,5-Trimethylbenzene	ug/L	ND	1.00	0.104	07/24/24 20:59	
1,3-Dichlorobenzene	ug/L	ND	1.00	0.110	07/24/24 20:59	
1,3-Dichloropropane	ug/L	ND	1.00	0.110	07/24/24 20:59	
1,4-Dichlorobenzene	ug/L	ND	1.00	0.120	07/24/24 20:59	
2,2-Dichloropropane	ug/L	ND	1.00	0.161	07/24/24 20:59	
2-Butanone (MEK)	ug/L	ND	10.0	1.19	07/24/24 20:59	
2-Chlorotoluene	ug/L	ND	1.00	0.106	07/24/24 20:59	
2-Hexanone	ug/L	ND	10.0	0.787	07/24/24 20:59	
4-Chlorotoluene	ug/L	ND	1.00	0.114	07/24/24 20:59	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	0.478	07/24/24 20:59	
Acetone	ug/L	ND	50.0	11.3	07/24/24 20:59	
Benzene	ug/L	ND	1.00	0.0941	07/24/24 20:59	
Bromobenzene	ug/L	ND	1.00	0.118	07/24/24 20:59	
Bromochloromethane	ug/L	ND	1.00	0.128	07/24/24 20:59	
Bromodichloromethane	ug/L	ND	1.00	0.136	07/24/24 20:59	
Bromoform	ug/L	ND	1.00	0.129	07/24/24 20:59	
Bromomethane	ug/L	ND	5.00	0.605	07/24/24 20:59	
Carbon disulfide	ug/L	ND	1.00	0.0962	07/24/24 20:59	
Carbon tetrachloride	ug/L	ND	1.00	0.128	07/24/24 20:59	
Chlorobenzene	ug/L	ND	1.00	0.116	07/24/24 20:59	
Chloroethane	ug/L	ND	5.00	0.192	07/24/24 20:59	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

METHOD BLANK: R4100299-2

Matrix: Water

Associated Lab Samples: 60457070001, 60457070002, 60457070003, 60457070004, 60457070005, 60457070006, 60457070007, 60457070008, 60457070022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloroform	ug/L	ND	5.00	0.111	07/24/24 20:59	
Chloromethane	ug/L	ND	2.50	0.960	07/24/24 20:59	
cis-1,2-Dichloroethene	ug/L	ND	1.00	0.126	07/24/24 20:59	
cis-1,3-Dichloropropene	ug/L	ND	1.00	0.111	07/24/24 20:59	
Dibromochloromethane	ug/L	ND	1.00	0.140	07/24/24 20:59	
Dibromomethane	ug/L	ND	1.00	0.122	07/24/24 20:59	
Dichlorodifluoromethane	ug/L	ND	5.00	0.374	07/24/24 20:59	
Ethylbenzene	ug/L	ND	1.00	0.137	07/24/24 20:59	
Hexachloro-1,3-butadiene	ug/L	ND	1.00	0.337	07/24/24 20:59	
Isopropylbenzene (Cumene)	ug/L	ND	1.00	0.105	07/24/24 20:59	
Methyl-tert-butyl ether	ug/L	ND	1.00	0.101	07/24/24 20:59	
Methylene Chloride	ug/L	ND	5.00	0.430	07/24/24 20:59	
n-Butylbenzene	ug/L	ND	1.00	0.157	07/24/24 20:59	
n-Hexane	ug/L	ND	10.0	0.749	07/24/24 20:59	
n-Propylbenzene	ug/L	ND	1.00	0.0993	07/24/24 20:59	
Naphthalene	ug/L	ND	5.00	1.00	07/24/24 20:59	
p-Isopropyltoluene	ug/L	ND	1.00	0.120	07/24/24 20:59	
sec-Butylbenzene	ug/L	ND	1.00	0.125	07/24/24 20:59	
Styrene	ug/L	ND	1.00	0.118	07/24/24 20:59	
tert-Butylbenzene	ug/L	ND	1.00	0.127	07/24/24 20:59	
Tetrachloroethene	ug/L	ND	1.00	0.300	07/24/24 20:59	
Toluene	ug/L	ND	1.00	0.278	07/24/24 20:59	
trans-1,2-Dichloroethene	ug/L	ND	1.00	0.149	07/24/24 20:59	
trans-1,3-Dichloropropene	ug/L	ND	1.00	0.118	07/24/24 20:59	
Trichloroethene	ug/L	ND	1.00	0.190	07/24/24 20:59	
Trichlorofluoromethane	ug/L	ND	5.00	0.160	07/24/24 20:59	
Vinyl chloride	ug/L	ND	1.00	0.234	07/24/24 20:59	
Xylene (Total)	ug/L	ND	3.00	0.174	07/24/24 20:59	
1,2-Dichloroethane-d4 (S)	%	119	70.0-130		07/24/24 20:59	
4-Bromofluorobenzene (S)	%	88.3	77.0-126		07/24/24 20:59	
Toluene-d8 (S)	%	102	80.0-120		07/24/24 20:59	

LABORATORY CONTROL SAMPLE: R4100299-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	5.00	4.70	94.0	75.0-125	
1,1,1-Trichloroethane	ug/L	5.00	5.03	101	73.0-124	
1,1,2,2-Tetrachloroethane	ug/L	5.00	4.30	86.0	65.0-130	
1,1,2-Trichloroethane	ug/L	5.00	4.52	90.4	80.0-120	
1,1,2-Trichlorotrifluoroethane	ug/L	5.00	4.77	95.4	69.0-132	
1,1-Dichloroethane	ug/L	5.00	4.83	96.6	70.0-126	
1,1-Dichloroethene	ug/L	5.00	4.33	86.6	71.0-124	
1,1-Dichloropropene	ug/L	5.00	4.66	93.2	74.0-126	

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QUALITY CONTROL DATA

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

LABORATORY CONTROL SAMPLE: R4100299-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichlorobenzene	ug/L	5.00	4.33	86.6	50.0-138	
1,2,3-Trichloropropane	ug/L	5.00	4.61	92.2	73.0-130	
1,2,4-Trichlorobenzene	ug/L	5.00	4.07	81.4	57.0-137	
1,2,4-Trimethylbenzene	ug/L	5.00	4.24	84.8	76.0-121	
1,2-Dibromo-3-chloropropane	ug/L	5.00	3.77J	75.4	58.0-134	J
1,2-Dibromoethane (EDB)	ug/L	5.00	4.56	91.2	80.0-122	
1,2-Dichlorobenzene	ug/L	5.00	4.23	84.6	79.0-121	
1,2-Dichloroethane	ug/L	5.00	5.18	104	70.0-128	
1,2-Dichloroethene (Total)	ug/L	10.0	8.99	89.9	70.0-130	
1,2-Dichloropropane	ug/L	5.00	4.63	92.6	77.0-125	
1,3,5-Trimethylbenzene	ug/L	5.00	4.33	86.6	76.0-122	
1,3-Dichlorobenzene	ug/L	5.00	4.35	87.0	79.0-120	
1,3-Dichloropropane	ug/L	5.00	4.68	93.6	80.0-120	
1,4-Dichlorobenzene	ug/L	5.00	4.24	84.8	79.0-120	
2,2-Dichloropropane	ug/L	5.00	5.02	100	58.0-130	
2-Butanone (MEK)	ug/L	25.0	19.5	78.0	44.0-160	
2-Chlorotoluene	ug/L	5.00	4.36	87.2	76.0-123	
2-Hexanone	ug/L	25.0	20.7	82.8	67.0-149	
4-Chlorotoluene	ug/L	5.00	4.14	82.8	75.0-122	
4-Methyl-2-pentanone (MIBK)	ug/L	25.0	20.7	82.8	68.0-142	
Acetone	ug/L	25.0	19.0J	76.0	19.0-160	J
Benzene	ug/L	5.00	4.70	94.0	70.0-123	
Bromobenzene	ug/L	5.00	4.44	88.8	73.0-121	
Bromochloromethane	ug/L	5.00	5.47	109	76.0-122	
Bromodichloromethane	ug/L	5.00	4.98	99.6	75.0-120	
Bromoform	ug/L	5.00	4.83	96.6	68.0-132	
Bromomethane	ug/L	5.00	3.66J	73.2	10.0-160	J
Carbon disulfide	ug/L	5.00	4.30	86.0	61.0-128	
Carbon tetrachloride	ug/L	5.00	5.29	106	68.0-126	
Chlorobenzene	ug/L	5.00	4.32	86.4	80.0-121	
Chloroethane	ug/L	5.00	5.35	107	47.0-150	
Chloroform	ug/L	5.00	4.98J	99.6	73.0-120	J
Chloromethane	ug/L	5.00	4.42	88.4	41.0-142	
cis-1,2-Dichloroethene	ug/L	5.00	4.44	88.8	73.0-120	
cis-1,3-Dichloropropene	ug/L	5.00	4.70	94.0	80.0-123	
Dibromochloromethane	ug/L	5.00	4.57	91.4	77.0-125	
Dibromomethane	ug/L	5.00	4.62	92.4	80.0-120	
Dichlorodifluoromethane	ug/L	5.00	6.27	125	51.0-149	
Ethylbenzene	ug/L	5.00	4.45	89.0	79.0-123	
Hexachloro-1,3-butadiene	ug/L	5.00	4.38	87.6	54.0-138	
Isopropylbenzene (Cumene)	ug/L	5.00	4.48	89.6	76.0-127	
Methyl-tert-butyl ether	ug/L	5.00	4.90	98.0	68.0-125	
Methylene Chloride	ug/L	5.00	4.72J	94.4	67.0-120	J
n-Butylbenzene	ug/L	5.00	4.06	81.2	73.0-125	
n-Hexane	ug/L	5.00	4.76J	95.2	57.0-133	J
n-Propylbenzene	ug/L	5.00	4.12	82.4	77.0-124	
Naphthalene	ug/L	5.00	3.22J	64.4	54.0-135	J

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

LABORATORY CONTROL SAMPLE: R4100299-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
p-Isopropyltoluene	ug/L	5.00	4.05	81.0	76.0-125	
sec-Butylbenzene	ug/L	5.00	4.20	84.0	75.0-125	
Styrene	ug/L	5.00	4.32	86.4	73.0-130	
tert-Butylbenzene	ug/L	5.00	4.12	82.4	76.0-124	
Tetrachloroethene	ug/L	5.00	4.48	89.6	72.0-132	
Toluene	ug/L	5.00	4.22	84.4	79.0-120	
trans-1,2-Dichloroethene	ug/L	5.00	4.55	91.0	73.0-120	
trans-1,3-Dichloropropene	ug/L	5.00	4.58	91.6	78.0-124	
Trichloroethene	ug/L	5.00	4.59	91.8	78.0-124	
Trichlorofluoromethane	ug/L	5.00	6.01	120	59.0-147	
Vinyl chloride	ug/L	5.00	5.06	101	67.0-131	
Xylene (Total)	ug/L	15.0	13.6	90.7	79.0-123	
1,2-Dichloroethane-d4 (S)	%			113	70.0-130	
4-Bromofluorobenzene (S)	%			94.6	77.0-126	
Toluene-d8 (S)	%			96.3	80.0-120	

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QUALITY CONTROL DATA

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

QC Batch:	2331119	Analysis Method:	EPA 8260D
QC Batch Method:	8260B	Analysis Description:	VOA (GC/MS) 8260D
		Laboratory:	Pace National - Mt. Juliet

Associated Lab Samples: 60457070009, 60457070010, 60457070011, 60457070012, 60457070013, 60457070014, 60457070015, 60457070016, 60457070017, 60457070018, 60457070019

METHOD BLANK: R4100183-2

Matrix: Water

Associated Lab Samples: 60457070009, 60457070010, 60457070011, 60457070012, 60457070013, 60457070014, 60457070015, 60457070016, 60457070017, 60457070018, 60457070019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.00	0.147	07/27/24 09:13	
1,1,1-Trichloroethane	ug/L	ND	1.00	0.149	07/27/24 09:13	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.00	0.133	07/27/24 09:13	
1,1,2-Trichloroethane	ug/L	ND	1.00	0.158	07/27/24 09:13	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.00	0.180	07/27/24 09:13	
1,1-Dichloroethane	ug/L	ND	1.00	0.100	07/27/24 09:13	
1,1-Dichloroethene	ug/L	ND	1.00	0.188	07/27/24 09:13	
1,1-Dichloropropene	ug/L	ND	1.00	0.142	07/27/24 09:13	
1,2,3-Trichlorobenzene	ug/L	ND	1.00	0.230	07/27/24 09:13	
1,2,3-Trichloropropane	ug/L	ND	2.50	0.237	07/27/24 09:13	
1,2,4-Trichlorobenzene	ug/L	ND	1.00	0.481	07/27/24 09:13	
1,2,4-Trimethylbenzene	ug/L	ND	1.00	0.322	07/27/24 09:13	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.00	0.276	07/27/24 09:13	
1,2-Dibromoethane (EDB)	ug/L	ND	1.00	0.126	07/27/24 09:13	
1,2-Dichlorobenzene	ug/L	ND	1.00	0.107	07/27/24 09:13	
1,2-Dichloroethane	ug/L	ND	1.00	0.0819	07/27/24 09:13	
1,2-Dichloroethene (Total)	ug/L	ND	1.00	0.656	07/27/24 09:13	
1,2-Dichloropropane	ug/L	ND	1.00	0.149	07/27/24 09:13	
1,3,5-Trimethylbenzene	ug/L	ND	1.00	0.104	07/27/24 09:13	
1,3-Dichlorobenzene	ug/L	ND	1.00	0.110	07/27/24 09:13	
1,3-Dichloropropane	ug/L	ND	1.00	0.110	07/27/24 09:13	
1,4-Dichlorobenzene	ug/L	ND	1.00	0.120	07/27/24 09:13	
2,2-Dichloropropane	ug/L	ND	1.00	0.161	07/27/24 09:13	
2-Butanone (MEK)	ug/L	ND	10.0	1.19	07/27/24 09:13	
2-Chlorotoluene	ug/L	ND	1.00	0.106	07/27/24 09:13	
2-Hexanone	ug/L	ND	10.0	0.787	07/27/24 09:13	
4-Chlorotoluene	ug/L	ND	1.00	0.114	07/27/24 09:13	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	0.478	07/27/24 09:13	
Acetone	ug/L	ND	50.0	11.3	07/27/24 09:13	
Benzene	ug/L	ND	1.00	0.0941	07/27/24 09:13	
Bromobenzene	ug/L	ND	1.00	0.118	07/27/24 09:13	
Bromochloromethane	ug/L	ND	1.00	0.128	07/27/24 09:13	
Bromodichloromethane	ug/L	ND	1.00	0.136	07/27/24 09:13	
Bromoform	ug/L	ND	1.00	0.129	07/27/24 09:13	
Bromomethane	ug/L	ND	5.00	0.605	07/27/24 09:13	
Carbon disulfide	ug/L	ND	1.00	0.0962	07/27/24 09:13	
Carbon tetrachloride	ug/L	ND	1.00	0.128	07/27/24 09:13	
Chlorobenzene	ug/L	ND	1.00	0.116	07/27/24 09:13	
Chloroethane	ug/L	ND	5.00	0.192	07/27/24 09:13	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

METHOD BLANK: R4100183-2

Matrix: Water

Associated Lab Samples: 60457070009, 60457070010, 60457070011, 60457070012, 60457070013, 60457070014, 60457070015, 60457070016, 60457070017, 60457070018, 60457070019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloroform	ug/L	ND	5.00	0.111	07/27/24 09:13	
Chloromethane	ug/L	ND	2.50	0.960	07/27/24 09:13	
cis-1,2-Dichloroethene	ug/L	ND	1.00	0.126	07/27/24 09:13	
cis-1,3-Dichloropropene	ug/L	ND	1.00	0.111	07/27/24 09:13	
Dibromochloromethane	ug/L	ND	1.00	0.140	07/27/24 09:13	
Dibromomethane	ug/L	ND	1.00	0.122	07/27/24 09:13	
Dichlorodifluoromethane	ug/L	ND	5.00	0.374	07/27/24 09:13	
Ethylbenzene	ug/L	ND	1.00	0.137	07/27/24 09:13	
Hexachloro-1,3-butadiene	ug/L	ND	1.00	0.337	07/27/24 09:13	
Isopropylbenzene (Cumene)	ug/L	ND	1.00	0.105	07/27/24 09:13	
Methyl-tert-butyl ether	ug/L	ND	1.00	0.101	07/27/24 09:13	
Methylene Chloride	ug/L	ND	5.00	0.430	07/27/24 09:13	
n-Butylbenzene	ug/L	ND	1.00	0.157	07/27/24 09:13	
n-Hexane	ug/L	ND	10.0	0.749	07/27/24 09:13	
n-Propylbenzene	ug/L	ND	1.00	0.0993	07/27/24 09:13	
Naphthalene	ug/L	ND	5.00	1.00	07/27/24 09:13	
p-Isopropyltoluene	ug/L	ND	1.00	0.120	07/27/24 09:13	
sec-Butylbenzene	ug/L	ND	1.00	0.125	07/27/24 09:13	
Styrene	ug/L	ND	1.00	0.118	07/27/24 09:13	
tert-Butylbenzene	ug/L	ND	1.00	0.127	07/27/24 09:13	
Tetrachloroethene	ug/L	ND	1.00	0.300	07/27/24 09:13	
Toluene	ug/L	ND	1.00	0.278	07/27/24 09:13	
trans-1,2-Dichloroethene	ug/L	ND	1.00	0.149	07/27/24 09:13	
trans-1,3-Dichloropropene	ug/L	ND	1.00	0.118	07/27/24 09:13	
Trichloroethene	ug/L	ND	1.00	0.190	07/27/24 09:13	
Trichlorofluoromethane	ug/L	ND	5.00	0.160	07/27/24 09:13	
Vinyl chloride	ug/L	ND	1.00	0.234	07/27/24 09:13	
Xylene (Total)	ug/L	ND	3.00	0.174	07/27/24 09:13	
1,2-Dichloroethane-d4 (S)	%	102	70.0-130		07/27/24 09:13	
4-Bromofluorobenzene (S)	%	97.6	77.0-126		07/27/24 09:13	
Toluene-d8 (S)	%	112	80.0-120		07/27/24 09:13	

LABORATORY CONTROL SAMPLE: R4100183-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	5.00	4.61	92.2	75.0-125	
1,1,1-Trichloroethane	ug/L	5.00	5.23	105	73.0-124	
1,1,2,2-Tetrachloroethane	ug/L	5.00	5.23	105	65.0-130	
1,1,2-Trichloroethane	ug/L	5.00	4.87	97.4	80.0-120	
1,1,2-Trichlorotrifluoroethane	ug/L	5.00	5.10	102	69.0-132	
1,1-Dichloroethane	ug/L	5.00	5.46	109	70.0-126	
1,1-Dichloroethene	ug/L	5.00	5.07	101	71.0-124	
1,1-Dichloropropene	ug/L	5.00	5.15	103	74.0-126	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

LABORATORY CONTROL SAMPLE: R4100183-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichlorobenzene	ug/L	5.00	4.51	90.2	50.0-138	
1,2,3-Trichloropropane	ug/L	5.00	5.04	101	73.0-130	
1,2,4-Trichlorobenzene	ug/L	5.00	4.05	81.0	57.0-137	
1,2,4-Trimethylbenzene	ug/L	5.00	4.58	91.6	76.0-121	
1,2-Dibromo-3-chloropropane	ug/L	5.00	3.94J	78.8	58.0-134	J
1,2-Dibromoethane (EDB)	ug/L	5.00	4.57	91.4	80.0-122	
1,2-Dichlorobenzene	ug/L	5.00	4.75	95.0	79.0-121	
1,2-Dichloroethane	ug/L	5.00	4.86	97.2	70.0-128	
1,2-Dichloroethene (Total)	ug/L	10.0	9.62	96.2	70.0-130	
1,2-Dichloropropane	ug/L	5.00	5.30	106	77.0-125	
1,3,5-Trimethylbenzene	ug/L	5.00	5.06	101	76.0-122	
1,3-Dichlorobenzene	ug/L	5.00	4.52	90.4	79.0-120	
1,3-Dichloropropane	ug/L	5.00	5.10	102	80.0-120	
1,4-Dichlorobenzene	ug/L	5.00	4.47	89.4	79.0-120	
2,2-Dichloropropane	ug/L	5.00	4.96	99.2	58.0-130	
2-Butanone (MEK)	ug/L	25.0	24.5	98.0	44.0-160	
2-Chlorotoluene	ug/L	5.00	5.09	102	76.0-123	
2-Hexanone	ug/L	25.0	23.5	94.0	67.0-149	
4-Chlorotoluene	ug/L	5.00	4.75	95.0	75.0-122	
4-Methyl-2-pentanone (MIBK)	ug/L	25.0	26.2	105	68.0-142	
Acetone	ug/L	25.0	24.9J	99.6	19.0-160	J
Benzene	ug/L	5.00	5.19	104	70.0-123	
Bromobenzene	ug/L	5.00	5.01	100	73.0-121	
Bromochloromethane	ug/L	5.00	5.14	103	76.0-122	
Bromodichloromethane	ug/L	5.00	4.67	93.4	75.0-120	
Bromoform	ug/L	5.00	3.98	79.6	68.0-132	
Bromomethane	ug/L	5.00	0.813J	16.3	10.0-160	J
Carbon disulfide	ug/L	5.00	4.53	90.6	61.0-128	
Carbon tetrachloride	ug/L	5.00	5.00	100	68.0-126	
Chlorobenzene	ug/L	5.00	4.78	95.6	80.0-121	
Chloroethane	ug/L	5.00	5.31	106	47.0-150	
Chloroform	ug/L	5.00	5.06	101	73.0-120	
Chloromethane	ug/L	5.00	4.05	81.0	41.0-142	
cis-1,2-Dichloroethene	ug/L	5.00	4.87	97.4	73.0-120	
cis-1,3-Dichloropropene	ug/L	5.00	4.59	91.8	80.0-123	
Dibromochloromethane	ug/L	5.00	4.39	87.8	77.0-125	
Dibromomethane	ug/L	5.00	4.79	95.8	80.0-120	
Dichlorodifluoromethane	ug/L	5.00	4.84J	96.8	51.0-149	J
Ethylbenzene	ug/L	5.00	4.61	92.2	79.0-123	
Hexachloro-1,3-butadiene	ug/L	5.00	4.57	91.4	54.0-138	
Isopropylbenzene (Cumene)	ug/L	5.00	4.55	91.0	76.0-127	
Methyl-tert-butyl ether	ug/L	5.00	5.18	104	68.0-125	
Methylene Chloride	ug/L	5.00	4.97J	99.4	67.0-120	J
n-Butylbenzene	ug/L	5.00	4.17	83.4	73.0-125	
n-Hexane	ug/L	5.00	4.60J	92.0	57.0-133	J
n-Propylbenzene	ug/L	5.00	5.01	100	77.0-124	
Naphthalene	ug/L	5.00	3.33J	66.6	54.0-135	J

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QUALITY CONTROL DATA

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

LABORATORY CONTROL SAMPLE: R4100183-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
p-Isopropyltoluene	ug/L	5.00	4.73	94.6	76.0-125	
sec-Butylbenzene	ug/L	5.00	5.04	101	75.0-125	
Styrene	ug/L	5.00	4.18	83.6	73.0-130	
tert-Butylbenzene	ug/L	5.00	4.79	95.8	76.0-124	
Tetrachloroethene	ug/L	5.00	4.46	89.2	72.0-132	
Toluene	ug/L	5.00	4.81	96.2	79.0-120	
trans-1,2-Dichloroethene	ug/L	5.00	4.75	95.0	73.0-120	
trans-1,3-Dichloropropene	ug/L	5.00	4.80	96.0	78.0-124	
Trichloroethene	ug/L	5.00	4.84	96.8	78.0-124	
Trichlorofluoromethane	ug/L	5.00	4.22J	84.4	59.0-147 J	
Vinyl chloride	ug/L	5.00	4.52	90.4	67.0-131	
Xylene (Total)	ug/L	15.0	13.5	90.0	79.0-123	
1,2-Dichloroethane-d4 (S)	%			101	70.0-130	
4-Bromofluorobenzene (S)	%			98.6	77.0-126	
Toluene-d8 (S)	%			106	80.0-120	

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QUALITY CONTROL DATA

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

QC Batch:	2331160	Analysis Method:	EPA 8260D
QC Batch Method:	8260B	Analysis Description:	VOA (GC/MS) 8260D
		Laboratory:	Pace National - Mt. Juliet
Associated Lab Samples:	60457070020, 60457070021, 60457070023, 60457070024, 60457070025, 60457070026, 60457070027, 60457070028, 60457070029		

METHOD BLANK: R4100107-3

Matrix: Water

Associated Lab Samples: 60457070020, 60457070021, 60457070023, 60457070024, 60457070025, 60457070026, 60457070027, 60457070028, 60457070029

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.00	0.147	07/27/24 09:46	
1,1,1-Trichloroethane	ug/L	ND	1.00	0.149	07/27/24 09:46	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.00	0.133	07/27/24 09:46	
1,1,2-Trichloroethane	ug/L	ND	1.00	0.158	07/27/24 09:46	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.00	0.180	07/27/24 09:46	
1,1-Dichloroethane	ug/L	ND	1.00	0.100	07/27/24 09:46	
1,1-Dichloroethene	ug/L	ND	1.00	0.188	07/27/24 09:46	
1,1-Dichloropropene	ug/L	ND	1.00	0.142	07/27/24 09:46	
1,2,3-Trichlorobenzene	ug/L	ND	1.00	0.230	07/27/24 09:46	
1,2,3-Trichloropropane	ug/L	ND	2.50	0.237	07/27/24 09:46	
1,2,4-Trichlorobenzene	ug/L	ND	1.00	0.481	07/27/24 09:46	
1,2,4-Trimethylbenzene	ug/L	ND	1.00	0.322	07/27/24 09:46	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.00	0.276	07/27/24 09:46	
1,2-Dibromoethane (EDB)	ug/L	ND	1.00	0.126	07/27/24 09:46	
1,2-Dichlorobenzene	ug/L	ND	1.00	0.107	07/27/24 09:46	
1,2-Dichloroethane	ug/L	ND	1.00	0.0819	07/27/24 09:46	
1,2-Dichloroethene (Total)	ug/L	ND	1.00	0.656	07/27/24 09:46	
1,2-Dichloropropane	ug/L	ND	1.00	0.149	07/27/24 09:46	
1,3,5-Trimethylbenzene	ug/L	ND	1.00	0.104	07/27/24 09:46	
1,3-Dichlorobenzene	ug/L	ND	1.00	0.110	07/27/24 09:46	
1,3-Dichloropropane	ug/L	ND	1.00	0.110	07/27/24 09:46	
1,4-Dichlorobenzene	ug/L	ND	1.00	0.120	07/27/24 09:46	
2,2-Dichloropropane	ug/L	ND	1.00	0.161	07/27/24 09:46	
2-Butanone (MEK)	ug/L	ND	10.0	1.19	07/27/24 09:46	
2-Chlorotoluene	ug/L	ND	1.00	0.106	07/27/24 09:46	
2-Hexanone	ug/L	ND	10.0	0.787	07/27/24 09:46	
4-Chlorotoluene	ug/L	ND	1.00	0.114	07/27/24 09:46	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	0.478	07/27/24 09:46	
Acetone	ug/L	ND	50.0	11.3	07/27/24 09:46	
Benzene	ug/L	ND	1.00	0.0941	07/27/24 09:46	
Bromobenzene	ug/L	ND	1.00	0.118	07/27/24 09:46	
Bromochloromethane	ug/L	ND	1.00	0.128	07/27/24 09:46	
Bromodichloromethane	ug/L	ND	1.00	0.136	07/27/24 09:46	
Bromoform	ug/L	ND	1.00	0.129	07/27/24 09:46	
Bromomethane	ug/L	ND	5.00	0.605	07/27/24 09:46	
Carbon disulfide	ug/L	ND	1.00	0.0962	07/27/24 09:46	
Carbon tetrachloride	ug/L	ND	1.00	0.128	07/27/24 09:46	
Chlorobenzene	ug/L	ND	1.00	0.116	07/27/24 09:46	
Chloroethane	ug/L	ND	5.00	0.192	07/27/24 09:46	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

METHOD BLANK: R4100107-3

Matrix: Water

Associated Lab Samples: 60457070020, 60457070021, 60457070023, 60457070024, 60457070025, 60457070026, 60457070027, 60457070028, 60457070029

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloroform	ug/L	ND	5.00	0.111	07/27/24 09:46	
Chloromethane	ug/L	ND	2.50	0.960	07/27/24 09:46	
cis-1,2-Dichloroethene	ug/L	ND	1.00	0.126	07/27/24 09:46	
cis-1,3-Dichloropropene	ug/L	ND	1.00	0.111	07/27/24 09:46	
Dibromochloromethane	ug/L	ND	1.00	0.140	07/27/24 09:46	
Dibromomethane	ug/L	ND	1.00	0.122	07/27/24 09:46	
Dichlorodifluoromethane	ug/L	ND	5.00	0.374	07/27/24 09:46	
Ethylbenzene	ug/L	ND	1.00	0.137	07/27/24 09:46	
Hexachloro-1,3-butadiene	ug/L	ND	1.00	0.337	07/27/24 09:46	
Isopropylbenzene (Cumene)	ug/L	ND	1.00	0.105	07/27/24 09:46	
Methyl-tert-butyl ether	ug/L	ND	1.00	0.101	07/27/24 09:46	
Methylene Chloride	ug/L	ND	5.00	0.430	07/27/24 09:46	
n-Butylbenzene	ug/L	ND	1.00	0.157	07/27/24 09:46	
n-Hexane	ug/L	ND	10.0	0.749	07/27/24 09:46	
n-Propylbenzene	ug/L	ND	1.00	0.0993	07/27/24 09:46	
Naphthalene	ug/L	ND	5.00	1.00	07/27/24 09:46	
p-Isopropyltoluene	ug/L	ND	1.00	0.120	07/27/24 09:46	
sec-Butylbenzene	ug/L	ND	1.00	0.125	07/27/24 09:46	
Styrene	ug/L	ND	1.00	0.118	07/27/24 09:46	
tert-Butylbenzene	ug/L	ND	1.00	0.127	07/27/24 09:46	
Tetrachloroethene	ug/L	ND	1.00	0.300	07/27/24 09:46	
Toluene	ug/L	ND	1.00	0.278	07/27/24 09:46	
trans-1,2-Dichloroethene	ug/L	ND	1.00	0.149	07/27/24 09:46	
trans-1,3-Dichloropropene	ug/L	ND	1.00	0.118	07/27/24 09:46	
Trichloroethene	ug/L	ND	1.00	0.190	07/27/24 09:46	
Trichlorofluoromethane	ug/L	ND	5.00	0.160	07/27/24 09:46	
Vinyl chloride	ug/L	ND	1.00	0.234	07/27/24 09:46	
Xylene (Total)	ug/L	ND	3.00	0.174	07/27/24 09:46	
1,2-Dichloroethane-d4 (S)	%	119	70.0-130		07/27/24 09:46	
4-Bromofluorobenzene (S)	%	108	77.0-126		07/27/24 09:46	
Toluene-d8 (S)	%	115	80.0-120		07/27/24 09:46	

LABORATORY CONTROL SAMPLE & LCSD: R4100107-1

R4100107-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	5.00	4.91	4.98	98.2	99.6	75.0-125	1.42	20	
1,1,1-Trichloroethane	ug/L	5.00	5.17	5.20	103	104	73.0-124	0.579	20	
1,1,2,2-Tetrachloroethane	ug/L	5.00	5.39	5.28	108	106	65.0-130	2.06	20	
1,1,2-Trichloroethane	ug/L	5.00	5.03	5.09	101	102	80.0-120	1.19	20	
1,1,2-Trichlorotrifluoroethane	ug/L	5.00	5.09	5.37	102	107	69.0-132	5.35	20	
1,1-Dichloroethane	ug/L	5.00	5.54	5.53	111	111	70.0-126	0.181	20	
1,1-Dichloroethene	ug/L	5.00	4.67	4.58	93.4	91.6	71.0-124	1.95	20	
1,1-Dichloropropene	ug/L	5.00	5.05	5.21	101	104	74.0-126	3.12	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

LABORATORY CONTROL SAMPLE & LCSD: R4100107-1			R4100107-2							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,3-Trichlorobenzene	ug/L	5.00	5.29	5.36	106	107	50.0-138	1.31	20	
1,2,3-Trichloropropane	ug/L	5.00	5.92	5.75	118	115	73.0-130	2.91	20	
1,2,4-Trichlorobenzene	ug/L	5.00	4.86	4.83	97.2	96.6	57.0-137	0.619	20	
1,2,4-Trimethylbenzene	ug/L	5.00	5.15	5.22	103	104	76.0-121	1.35	20	
1,2-Dibromo-3-chloropropane	ug/L	5.00	5.30	5.02	106	100	58.0-134	5.43	20	
1,2-Dibromoethane (EDB)	ug/L	5.00	5.07	5.00	101	100	80.0-122	1.39	20	
1,2-Dichlorobenzene	ug/L	5.00	5.27	5.23	105	105	79.0-121	0.762	20	
1,2-Dichloroethane	ug/L	5.00	5.95	5.88	119	118	70.0-128	1.18	20	
1,2-Dichloroethene (Total)	ug/L	10.0	9.26	9.18	92.6	91.8	70.0-130	0.868	20	
1,2-Dichloropropane	ug/L	5.00	5.77	5.51	115	110	77.0-125	4.61	20	
1,3,5-Trimethylbenzene	ug/L	5.00	5.12	5.29	102	106	76.0-122	3.27	20	
1,3-Dichlorobenzene	ug/L	5.00	5.15	5.14	103	103	79.0-120	0.194	20	
1,3-Dichloropropane	ug/L	5.00	5.12	5.29	102	106	80.0-120	3.27	20	
1,4-Dichlorobenzene	ug/L	5.00	4.93	4.90	98.6	98.0	79.0-120	0.610	20	
2,2-Dichloropropane	ug/L	5.00	4.76	4.99	95.2	99.8	58.0-130	4.72	20	
2-Butanone (MEK)	ug/L	25.0	35.3	34.4	141	138	44.0-160	2.58	20	
2-Chlorotoluene	ug/L	5.00	5.56	5.47	111	109	76.0-123	1.63	20	
2-Hexanone	ug/L	25.0	28.5	28.5	114	114	67.0-149	0.00	20	
4-Chlorotoluene	ug/L	5.00	5.18	5.35	104	107	75.0-122	3.23	20	
4-Methyl-2-pentanone (MIBK)	ug/L	25.0	40.2	39.6	161	158	68.0-142	1.50	20	L O
Acetone	ug/L	25.0	25.9J	24.3J	104	97.2	19.0-160	6.37	27	J
Benzene	ug/L	5.00	4.90	4.91	98.0	98.2	70.0-123	0.204	20	
Bromobenzene	ug/L	5.00	5.14	5.16	103	103	73.0-121	0.388	20	
Bromochloromethane	ug/L	5.00	5.26	4.83	105	96.6	76.0-122	8.52	20	
Bromodichloromethane	ug/L	5.00	5.02	4.82	100	96.4	75.0-120	4.07	20	
Bromoform	ug/L	5.00	4.31	4.50	86.2	90.0	68.0-132	4.31	20	
Bromomethane	ug/L	5.00	7.51	7.90	150	158	10.0-160	5.06	25	
Carbon disulfide	ug/L	5.00	3.57	3.69	71.4	73.8	61.0-128	3.31	20	
Carbon tetrachloride	ug/L	5.00	4.94	4.83	98.8	96.6	68.0-126	2.25	20	
Chlorobenzene	ug/L	5.00	5.00	5.12	100	102	80.0-121	2.37	20	
Chloroethane	ug/L	5.00	4.50J	4.27J	90.0	85.4	47.0-150	5.25	20	J
Chloroform	ug/L	5.00	5.15	4.93J	103	98.6	73.0-120	4.37	20	J
Chloromethane	ug/L	5.00	5.49	5.46	110	109	41.0-142	0.548	20	
cis-1,2-Dichloroethene	ug/L	5.00	4.66	4.70	93.2	94.0	73.0-120	0.855	20	
cis-1,3-Dichloropropene	ug/L	5.00	4.80	4.66	96.0	93.2	80.0-123	2.96	20	
Dibromochloromethane	ug/L	5.00	4.40	4.50	88.0	90.0	77.0-125	2.25	20	
Dibromomethane	ug/L	5.00	5.02	4.80	100	96.0	80.0-120	4.48	20	
Dichlorodifluoromethane	ug/L	5.00	3.92J	3.93J	78.4	78.6	51.0-149	0.255	20	J
Ethylbenzene	ug/L	5.00	4.80	5.01	96.0	100	79.0-123	4.28	20	
Hexachloro-1,3-butadiene	ug/L	5.00	5.22	5.94	104	119	54.0-138	12.9	20	
Isopropylbenzene (Cumene)	ug/L	5.00	4.89	5.02	97.8	100	76.0-127	2.62	20	
Methyl-tert-butyl ether	ug/L	5.00	5.42	5.15	108	103	68.0-125	5.11	20	
Methylene Chloride	ug/L	5.00	5.00J	4.73J	100	94.6	67.0-120	5.55	20	J
n-Butylbenzene	ug/L	5.00	4.63	4.94	92.6	98.8	73.0-125	6.48	20	
n-Hexane	ug/L	5.00	5.31J	5.36J	106	107	57.0-133	0.937	20	J
n-Propylbenzene	ug/L	5.00	5.11	5.23	102	105	77.0-124	2.32	20	
Naphthalene	ug/L	5.00	4.54J	4.60J	90.8	92.0	54.0-135	1.31	20	J

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

LABORATORY CONTROL SAMPLE & LCSD: R4100107-1			R4100107-2							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
p-Isopropyltoluene	ug/L	5.00	5.02	5.25	100	105	76.0-125	4.48	20	
sec-Butylbenzene	ug/L	5.00	5.07	5.31	101	106	75.0-125	4.62	20	
Styrene	ug/L	5.00	4.39	4.66	87.8	93.2	73.0-130	5.97	20	
tert-Butylbenzene	ug/L	5.00	5.09	5.19	102	104	76.0-124	1.95	20	
Tetrachloroethene	ug/L	5.00	5.14	5.31	103	106	72.0-132	3.25	20	
Toluene	ug/L	5.00	4.77	4.90	95.4	98.0	79.0-120	2.69	20	
trans-1,2-Dichloroethene	ug/L	5.00	4.60	4.48	92.0	89.6	73.0-120	2.64	20	
trans-1,3-Dichloropropene	ug/L	5.00	4.92	4.74	98.4	94.8	78.0-124	3.73	20	
Trichloroethene	ug/L	5.00	4.76	4.75	95.2	95.0	78.0-124	0.210	20	
Trichlorofluoromethane	ug/L	5.00	5.36	5.47	107	109	59.0-147	2.03	20	
Vinyl chloride	ug/L	5.00	4.46	4.55	89.2	91.0	67.0-131	2.00	20	
Xylene (Total)	ug/L	15.0	14.4	15.2	96.0	101	79.0-123	5.41	20	
1,2-Dichloroethane-d4 (S)	%				124	118	70.0-130			
4-Bromofluorobenzene (S)	%				104	105	77.0-126			
Toluene-d8 (S)	%				106	109	80.0-120			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			R4100107-4		R4100107-5								
Parameter	Units	60457070020	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
1,1,1,2-Tetrachloroethane	ug/L	ND	5.00	5.00	5.49	5.70	110	114	36.0-151	3.75	29		
1,1,1-Trichloroethane	ug/L	ND	5.00	5.00	6.07	6.23	121	125	23.0-160	2.60	28		
1,1,2,2-Tetrachloroethane	ug/L	ND	5.00	5.00	5.63	6.01	113	120	33.0-150	6.53	28		
1,1,2-Trichloroethane	ug/L	ND	5.00	5.00	5.65	5.45	113	109	35.0-147	3.60	27		
1,1,2-Trichlorotrifluoroethane	ug/L	ND	5.00	5.00	6.46	7.03	129	141	23.0-160	8.45	30		
1,1-Dichloroethane	ug/L	ND	5.00	5.00	6.35	6.55	127	131	25.0-158	3.10	27		
1,1-Dichloroethene	ug/L	ND	5.00	5.00	5.79	5.85	116	117	11.0-160	1.03	29		
1,1-Dichloropropene	ug/L	ND	5.00	5.00	6.01	6.25	120	125	25.0-158	3.92	27		
1,2,3-Trichlorobenzene	ug/L	ND	5.00	5.00	5.46	5.90	109	118	17.0-150	7.75	36		
1,2,3-Trichloropropane	ug/L	ND	5.00	5.00	6.34	6.52	127	130	34.0-151	2.80	29		
1,2,4-Trichlorobenzene	ug/L	ND	5.00	5.00	5.23	5.46	105	109	24.0-150	4.30	33		
1,2,4-Trimethylbenzene	ug/L	ND	5.00	5.00	5.86	5.88	117	118	26.0-154	0.341	27		
1,2-Dibromo-3-chloropropane	ug/L	ND	5.00	5.00	5.26	5.57	105	111	22.0-151	5.72	34		
1,2-Dibromoethane (EDB)	ug/L	ND	5.00	5.00	5.46	5.70	109	114	34.0-147	4.30	27		
1,2-Dichlorobenzene	ug/L	ND	5.00	5.00	5.68	5.77	114	115	34.0-149	1.57	28		
1,2-Dichloroethane	ug/L	ND	5.00	5.00	6.78	6.83	136	137	29.0-151	0.735	27		
1,2-Dichloroethene (Total)	ug/L	8.75	10.0	10.0	19.1	19.9	104	112	70.0-130	4.10	20		
1,2-Dichloropropane	ug/L	ND	5.00	5.00	6.12	6.66	122	133	30.0-156	8.45	27		
1,3,5-Trimethylbenzene	ug/L	ND	5.00	5.00	5.77	6.13	115	123	28.0-153	6.05	27		
1,3-Dichlorobenzene	ug/L	ND	5.00	5.00	5.37	5.91	107	118	36.0-146	9.57	27		
1,3-Dichloropropane	ug/L	ND	5.00	5.00	5.49	5.66	110	113	38.0-147	3.05	27		
1,4-Dichlorobenzene	ug/L	ND	5.00	5.00	5.16	5.61	103	112	35.0-142	8.36	27		
2,2-Dichloropropane	ug/L	ND	5.00	5.00	5.39	5.40	108	108	24.0-152	0.185	29		
2-Butanone (MEK)	ug/L	ND	25.0	25.0	38.5	39.5	154	158	10.0-160	2.56	32		

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QUALITY CONTROL DATA

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4100107-4 R4100107-5											
Parameter	Units	60457070020		MS	MSD	MS		MS	MSD	% Rec	Max
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	RPD
2-Chlorotoluene	ug/L	ND	5.00	5.00	5.00	6.13	6.35	123	127	32.0-153	3.53
2-Hexanone	ug/L	ND	25.0	25.0	25.0	30.9	31.5	124	126	21.0-160	1.92
4-Chlorotoluene	ug/L	ND	5.00	5.00	5.00	5.65	6.15	113	123	32.0-150	8.47
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	25.0	25.0	43.4	43.1	174	172	29.0-160	0.694
Acetone	ug/L	ND	25.0	25.0	25.0	28.9	29.6	116	118	10.0-160	2.39
Benzene	ug/L	ND	5.00	5.00	5.00	5.71	5.84	114	117	17.0-158	2.25
Bromobenzene	ug/L	ND	5.00	5.00	5.00	5.47	5.74	109	115	30.0-149	4.82
Bromochloromethane	ug/L	ND	5.00	5.00	5.00	5.54	5.88	111	118	38.0-142	5.95
Bromodichloromethane	ug/L	ND	5.00	5.00	5.00	5.28	5.49	106	110	31.0-150	3.90
Bromoform	ug/L	ND	5.00	5.00	5.00	4.56	4.69	91.2	93.8	29.0-150	2.81
Bromomethane	ug/L	ND	5.00	5.00	5.00	6.25	8.69	125	174	10.0-160	32.7
Carbon disulfide	ug/L	ND	5.00	5.00	5.00	5.05	5.32	101	106	10.0-156	5.21
Carbon tetrachloride	ug/L	ND	5.00	5.00	5.00	5.81	5.87	116	117	23.0-159	1.03
Chlorobenzene	ug/L	ND	5.00	5.00	5.00	5.76	5.74	115	115	33.0-152	0.348
Chloroethane	ug/L	ND	5.00	5.00	5.00	5.84	6.29	117	126	10.0-160	7.42
Chloroform	ug/L	ND	5.00	5.00	5.00	5.67	5.92	113	118	29.0-154	4.31
Chloromethane	ug/L	ND	5.00	5.00	5.00	7.32	7.42	146	148	10.0-160	1.36
cis-1,2-Dichloroethene	ug/L	7.87	5.00	5.00	5.00	12.7	13.4	96.6	111	10.0-160	5.36
cis-1,3-Dichloropropene	ug/L	ND	5.00	5.00	5.00	4.72	4.86	94.4	97.2	34.0-149	2.92
Dibromochloromethane	ug/L	ND	5.00	5.00	5.00	4.99	4.90	99.8	98.0	37.0-149	1.82
Dibromomethane	ug/L	ND	5.00	5.00	5.00	5.36	5.67	107	113	30.0-151	5.62
Dichlorodifluoromethane	ug/L	ND	5.00	5.00	5.00	6.06	6.24	121	125	10.0-160	2.93
Ethylbenzene	ug/L	ND	5.00	5.00	5.00	5.70	5.87	114	117	30.0-155	2.94
Hexachloro-1,3-butadiene	ug/L	ND	5.00	5.00	5.00	5.97	6.55	119	131	20.0-154	9.27
Isopropylbenzene (Cumene)	ug/L	ND	5.00	5.00	5.00	5.63	5.77	113	115	28.0-157	2.46
Methyl-tert-butyl ether	ug/L	ND	5.00	5.00	5.00	5.64	5.86	113	117	28.0-150	3.83
Methylene Chloride	ug/L	ND	5.00	5.00	5.00	5.51	5.58	110	112	23.0-144	1.26
n-Butylbenzene	ug/L	ND	5.00	5.00	5.00	5.35	5.91	107	118	31.0-150	9.95
n-Hexane	ug/L	ND	5.00	5.00	5.00	7.81J	8.27J	156	165	10.0-153	5.72
n-Propylbenzene	ug/L	ND	5.00	5.00	5.00	5.68	6.05	114	121	31.0-154	6.31
Naphthalene	ug/L	ND	5.00	5.00	5.00	5.22	5.25	104	105	12.0-156	0.573
p-Isopropyltoluene	ug/L	ND	5.00	5.00	5.00	5.48	5.96	110	119	30.0-154	8.39
sec-Butylbenzene	ug/L	ND	5.00	5.00	5.00	5.74	6.02	115	120	33.0-155	4.76
Styrene	ug/L	ND	5.00	5.00	5.00	5.03	5.16	101	103	33.0-155	2.55
tert-Butylbenzene	ug/L	ND	5.00	5.00	5.00	5.69	5.80	114	116	34.0-153	1.91
Tetrachloroethene	ug/L	ND	5.00	5.00	5.00	5.84	6.27	117	125	10.0-160	7.10
Toluene	ug/L	ND	5.00	5.00	5.00	5.44	5.60	109	112	26.0-154	2.90
trans-1,2-Dichloroethene	ug/L	0.882	5.00	5.00	5.00	6.44	6.53	111	113	17.0-153	1.39
trans-1,3-Dichloropropene	ug/L	ND	5.00	5.00	5.00	5.21	5.32	104	106	32.0-149	2.09
Trichloroethene	ug/L	0.304	5.00	5.00	5.00	5.99	6.04	114	115	10.0-160	0.831
Trichlorofluoromethane	ug/L	ND	5.00	5.00	5.00	7.36	7.65	147	153	17.0-160	3.86
Vinyl chloride	ug/L	1.43	5.00	5.00	5.00	7.52	7.74	122	126	10.0-160	2.88
Xylene (Total)	ug/L	ND	15.0	15.0	15.0	16.5	16.5	110	110	29.0-154	0.00
1,2-Dichloroethane-d4 (S)	%							123	122	70.0-130	

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX 12603810
Pace Project No.: 60457070

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:												
R4100107-4					R4100107-5							
			MS	MSD								
		60457070020	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
4-Bromofluorobenzene (S)	%						105	104	77.0-126			
Toluene-d8 (S)	%						107	107	80.0-120			

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

REPORT OF LABORATORY ANALYSIS



QUALITY CONTROL DATA

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

QC Batch: 2332854

Analysis Method: EPA 8260D

QC Batch Method: 8260B

Analysis Description: VOA (GC/MS) 8260D

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 60457070001, 60457070002

METHOD BLANK: R4100788-3

Matrix: Water

Associated Lab Samples: 60457070001, 60457070002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	1.00	0.126	07/30/24 22:28	
Trichloroethene	ug/L	ND	1.00	0.190	07/30/24 22:28	
1,2-Dichloroethane-d4 (S)	%	108	70.0-130		07/30/24 22:28	
4-Bromofluorobenzene (S)	%	93.5	77.0-126		07/30/24 22:28	
Toluene-d8 (S)	%	96.1	80.0-120		07/30/24 22:28	

LABORATORY CONTROL SAMPLE & LCSD: R4100788-1

R4100788-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
cis-1,2-Dichloroethene	ug/L	5.00	5.53	5.81	111	116	73.0-120	4.94	20	
Trichloroethene	ug/L	5.00	5.33	5.47	107	109	78.0-124	2.59	20	
1,2-Dichloroethane-d4 (S)	%				104	103	70.0-130			
4-Bromofluorobenzene (S)	%				96.7	97.1	77.0-126			
Toluene-d8 (S)	%				96.3	96.1	80.0-120			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

QC Batch: 902384

Analysis Method: EPA 8015C

QC Batch Method: EPA 3511

Analysis Description: EPA 8015C

Laboratory: Pace Analytical Services - Kansas City

Associated Lab Samples: 60457070017, 60457070024

METHOD BLANK: 3571783

Matrix: Water

Associated Lab Samples: 60457070017, 60457070024

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
HRH (C19-C35)	mg/L	ND	0.19	0.11	07/22/24 21:52	
MRH (C9-C18)	mg/L	ND	0.058	0.053	07/22/24 21:52	
1-Chloro-octadecane (S)	%	93	40-140		07/22/24 21:52	

LABORATORY CONTROL SAMPLE & LCSD: 3571784

3571785

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
HRH (C19-C35)	mg/L	0.19	0.19	0.20	102	108	40-140	5	25	
MRH (C9-C18)	mg/L	0.14	0.080	0.079	56	56	40-140	1	25	
1-Chloro-octadecane (S)	%				95	95	40-140			

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: RACER FAIRFAX 12603810

Pace Project No.: 60457070

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

SAMPLE QUALIFIERS

Sample: L1758816-05

[1] Volatile Petroleum Hydrocarbons by Method KS LRH - Lowest possible dilution due to sample foaming.

ANALYTE QUALIFIERS

C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C5	The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.
H1	Analysis conducted outside the recognized method holding time.
J	Analyte detected below the reporting limit, therefore result is an estimate. This qualifier is also used for all TICs.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
MH	Matrix spike recovery and/or matrix spike duplicate recovery was above laboratory control limits. Result may be biased high.
ML	Matrix spike recovery and/or matrix spike duplicate recovery was below laboratory control limits. Result may be biased low.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: RACER FAIRFAX 12603810
Pace Project No.: 60457070

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60457070017	WG-071724-CB-016	EPA 3511	902384	EPA 8015C	902489
60457070024	WG-071724-RR-003	EPA 3511	902384	EPA 8015C	902489
60457070017	WG-071724-CB-016	KS LRH	2331844	EPA 8015 Mod Ext	2331844
60457070024	WG-071724-RR-003	KS LRH	2331844	EPA 8015 Mod Ext	2331844
60457070001	WG-071524-CB-001	8260D	2329565	EPA 8260D	2329565
60457070001	WG-071524-CB-001	8260D	2332854	EPA 8260D	2332854
60457070002	WG-071524-CB-002	8260D	2329565	EPA 8260D	2329565
60457070002	WG-071524-CB-002	8260D	2332854	EPA 8260D	2332854
60457070003	WG-071524-CB-003	8260D	2329565	EPA 8260D	2329565
60457070004	WG-071524-CB-004	8260D	2329565	EPA 8260D	2329565
60457070005	WG-071524-CB-005	8260D	2329565	EPA 8260D	2329565
60457070006	WG-071524-CB-006	8260D	2329565	EPA 8260D	2329565
60457070007	WG-071524-CB-007	8260D	2329565	EPA 8260D	2329565
60457070008	TRIP BLANK	8260D	2329565	EPA 8260D	2329565
60457070009	WG-071624-CB-008	8260D	2331119	EPA 8260D	2331119
60457070010	WG-071624-CB-009	8260D	2331119	EPA 8260D	2331119
60457070011	WG-071624-CB-010	8260D	2331119	EPA 8260D	2331119
60457070012	WG-071624-CB-011	8260D	2331119	EPA 8260D	2331119
60457070013	WG-071724-CB-012	8260D	2331119	EPA 8260D	2331119
60457070014	WG-071724-CB-013	8260D	2331119	EPA 8260D	2331119
60457070015	WG-071724-CB-014	8260D	2331119	EPA 8260D	2331119
60457070016	WG-071724-CB-015	8260D	2331119	EPA 8260D	2331119
60457070017	WG-071724-CB-016	8260D	2331119	EPA 8260D	2331119
60457070018	WG-071824-CB-017	8260D	2331119	EPA 8260D	2331119
60457070019	WG-071824-CB-018	8260D	2331119	EPA 8260D	2331119
60457070020	WG-071824-CB-019	8260D	2331160	EPA 8260D	2331160
60457070021	WG-071824-CB-020	8260D	2331160	EPA 8260D	2331160
60457070022	WG-071524-RR-001	8260D	2329565	EPA 8260D	2329565
60457070023	WG-071724-RR-002	8260D	2331160	EPA 8260D	2331160
60457070024	WG-071724-RR-003	8260D	2331160	EPA 8260D	2331160
60457070025	WG-071724-RR-004	8260D	2331160	EPA 8260D	2331160
60457070026	WG-071824-RR-005	8260D	2331160	EPA 8260D	2331160
60457070027	WG-071824-RR-006	8260D	2331160	EPA 8260D	2331160
60457070028	WG-071824-RR-007	8260D	2331160	EPA 8260D	2331160
60457070029	WG-071824-RR-008	8260D	2331160	EPA 8260D	2331160

REPORT OF LABORATORY ANALYSIS

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WO#: 60457070



DC#_Title: ENV-FRM-LENE-0009_Sample Co

Revision: 2

Effective Date: 01/12/2022

Issued By: Lenexa

Client Name:

GHD

Courier: FedEx ☐ UPS ☐ VIA ☐ Clay ☐ PEX ☐ ECI ☐ Pace ☐ Xroads ☐ Client ☒ Other ☐

Tracking #:

Pace Shipping Label Used? Yes ☐ No ☒Custody Seal on Cooler/Box Present: Yes ☒ No ☐ Seals intact: Yes ☒ No ☐Packing Material: Bubble Wrap ☐ Bubble Bags ☒ Foam ☐ None ☐ Other ☐Thermometer Used: 1299 Type of Ice: Wet ☒ Blue ☐ None ☐

Cooler Temperature (°C): As-read 2.8 Corr. Factor 0.0 Corrected 2.8

Date and initials of person examining contents:

MM 7/18/24

Temperature should be above freezing to 6°C

Chain of Custody present:	☒ Yes ☐ No ☐ N/A	
Chain of Custody relinquished:	☒ Yes ☐ No ☐ N/A	
Samples arrived within holding time:	☒ Yes ☐ No ☐ N/A	
Short Hold Time analyses (<72hr):	☐ Yes ☒ No ☐ N/A	
Rush Turn Around Time requested:	☐ Yes ☒ No ☐ N/A	
Sufficient volume:	☒ Yes ☐ No ☐ N/A	
Correct containers used:	☒ Yes ☐ No ☐ N/A	
Pace containers used:	☒ Yes ☐ No ☐ N/A	
Containers intact:	☒ Yes ☐ No ☐ N/A	
Unpreserved 5035A / TX1005/1006 soils frozen in 48hrs?	☐ Yes ☐ No ☒ N/A	
Filtered volume received for dissolved tests?	☐ Yes ☐ No ☒ N/A	
Sample labels match COC: Date / time / ID / analyses	☒ Yes ☐ No ☐ N/A	
Samples contain multiple phases? Matrix: WT	☐ Yes ☒ No ☐ N/A	
Containers requiring pH preservation in compliance? (HNO ₃ , H ₂ SO ₄ , HCl<2; NaOH>9 Sulfide, NaOH>10 Cyanide) (Exceptions: VOA, Micro, O&G, KS TPH, OK-DRO)	☐ Yes ☐ No ☒ N/A	List sample IDs, volumes, lot #'s of preservative and the date/time added.
Cyanide water sample checks:		
Lead acetate strip turns dark? (Record only)	☐ Yes ☐ No	
Potassium iodide test strip turns blue/purple? (Preserve)	☐ Yes ☐ No	
Trip Blank present:	☒ Yes ☐ No ☐ N/A	
Headspace in VOA vials (>6mm):	☐ Yes ☒ No ☐ N/A	
Samples from USDA Regulated Area: State:	☐ Yes ☒ No ☐ N/A	
Additional labels attached to 5035A / TX1005 vials in the field?	☐ Yes ☒ No ☐ N/A	

LOT#:

Client Notification/ Resolution:

Copy COC to Client? Y / N

Field Data Required? Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

Project Manager Review:

Date:

Pace
Pace Analytical Kansas
9608 Loiret Blvd., Lenexa, KS 66219

Company Name: GHD Services, Inc
Street Address: 534 S Kansas Ave., Topeka, KS 66603

Customer Project #: RACER FAIRFAX 12603810

Site Collection Info/Facility ID (as applicable):

Time Zone Collected: [] AK [] PT [] MT [] CT [] ET [] Level II [] Level III [] Level IV
Data Deliverables: [] EQUIS [] Other

Rush (Pre-approval required): [] Same Day [] 1 Day [] 2 Day [] 3 Day [] Other

Date Results Requested: [] Same Day [] 1 Day [] 2 Day [] 3 Day [] Other

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

Customer Sample ID	Matrix *	Comp / Grab	Composite Start	Collected or Composite End	# Cont.	Res. Chlorine
WG-071524-CB-001	WG	G	7/15/24	11:24	3	
WG-071524-CB-002				12:03	3	
WG-071524-CB-003				12:36	3	
WG-071524-CB-004				13:59	3	
WG-071524-CB-005				15:03	3	
WG-071524-CB-006				15:42	3	
WG-071524-CB-007				16:09	3	
Trip Blank					2	

Additional Instructions from Pace:

Collected By: (Printed Name)
Signature:

Calvin Bernic

Relinquished by Company: (Signature)
Date/Time: 7/18/24 13:40

Received by Company: (Signature)

Received by Company: (Signature)

Relinquished by Company: (Signature)
Date/Time:

Received by Company: (Signature)

Received by Company: (Signature)

Relinquished by Company: (Signature)
Date/Time:

Received by Company: (Signature)

Received by Company: (Signature)

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Contact/Report To: Travis Kog
Phone #: (785) 338-7023
E-Mail: travis.kog@ghd.com
Cc E-Mail:

Invoice To:
Invoice E-Mail:
Purchase Order # (if applicable):
Quote #:

County / State origin of sample(s): Kansas
Reportable [] Yes [] No

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [] Yes [] No

Analysis:

Customer Sample ID	Matrix *	Comp / Grab	Composite Start	Collected or Composite End	# Cont.	Res. Chlorine
WG-071524-CB-001	WG	G	7/15/24	11:24	3	
WG-071524-CB-002				12:03	3	
WG-071524-CB-003				12:36	3	
WG-071524-CB-004				13:59	3	
WG-071524-CB-005				15:03	3	
WG-071524-CB-006				15:42	3	
WG-071524-CB-007				16:09	3	
Trip Blank					2	

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: 7299 Correction Factor (°C): 0.0 Obs. Temp. (°C): 2.8 Corrected Temp. (°C): 2.8 On Ice:

Tracking Number: 7118 1352

Delivered by: [] In-Person [] Courier [] FedEx [] UPS [] Other

Page: of

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/>

ENV-FRM-CORQ-0019_v02_110123 ©

LAB USE ONLY - Affix Workorder/Login Label Here



Scan QR Code for instructions

Specify Container Size **

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 80mL vial, (7) EriCore, (8) TerraCore, (9) 50mL, (10) Other

Identify Container Preservative Type ***

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Analysis Requested

8260 VOCs Full List	KS TPH LRH	KS TPH MRH/HRH Reduced Volume	PAH by 8270 SIM (low vol)	Trip Blank
---------------------	------------	-------------------------------	---------------------------	------------

Proj Mgr: Alice Spiller
AcctNum / Client ID:
Table #:
Profile / Template: 8673 water
Prelog / Bottle Ord. ID: 1180330
Sample Comment

Preservation non-conformance identified for sample

[illegible]

GHD

Profile/EZ #

8673

Site:

Racer Fairfax

Notes

COC Line Item	Matrix	VG9H	DG9H	DG9Q	VG9U	DG9U	DG9M	DG9B	BG1U	AG1H	AG1U	AG2U	AG3S	AG4U	AG5U	JGFU	WGKU	WGDU	BP1U	BP2U	BP3U	BP1N	BP3N	BP3F	BP3S	BP3C	BP3Z	WPDU	ZPLC	Other
1																														
2																														
3																														
4																														
5																														
6																														
7																														
8																														
9																														
10																														
11																														
12																														

HIPS

Container Codes

Glass	Plastic	Misc.
DG9B 40mL bisulfate clear vial	BP1C 1L NaOH plastic	I Wipe/Swab
DG9H 40mL HCl amber vial	BP1N 1L HNO3 plastic	SP5T 120mL Coliform Na Thiosulfate
DG9M 40mL MeOH clear vial	BP1S 1L H2SO4 plastic	ZPLC Ziploc Bag
DG9Q 40mL TSP amber vial	BP1U 1L unpreserved plastic	AF Air Filter
DG9S 40mL H2SO4 amber vial	BP1Z 1L NaOH, Zn Acetate	C Air Cassettes
DG9T 40mL Na Thio amber vial	BP2C 500mL NaOH plastic	R Terracore Kit
DG9U 40mL amber unpreserved	BP2N 500mL HNO3 plastic	U Summa Can
VG9H 40mL HCl clear vial	BP2S 500mL H2SO4 plastic	
VG9T 40mL Na Thio. clear vial	BP2U 500mL unpreserved plastic	
VG9U 40mL unpreserved clear vial	BP2Z 500mL NaOH, Zn Acetate	
BG1S 1liter H2SO4 clear glass	BP3C 250mL NaOH plastic	
BG1U 1liter unpres glass	BP3F 250mL HNO3 plastic - field filtered	
BG3H 250mL HCL Clear glass	BP3N 250mL HNO3 plastic	WT Water
BG3U 250mL Unpres Clear glass	BP3U 250mL unpreserved plastic	SL Solid
WGDU 16oz clear soil jar	BP3S 250mL H2SO4 plastic	INAL Non-aqueous Liquid
	BP3Z 250mL NaOH, Zn Acetate	OL OIL
	BP4U 125mL unpreserved plastic	WP Wipe
	BP4N 125mL HNO3 plastic	DW Drinking Water
	BP4S 125mL H2SO4 plastic	
	WPDU 16oz unpreserved plastic	

Matrix

WO#: 60457070

Work Order Number:

PM: AS Due Date: 08/01/24
CLIENT: GHD_KS

1 of 4

GHD

Profile/EZ #

8673

Site:

Racer Fairfax

Notes

COC Line Item	Matrix	VG9H	DG9H	DG9Q	VG9U	DG9U	DG9M	DG9B	BG1U	AG1H	AG1U	AG2U	AG3S	AG4U	AG5U	JGFU	WGKU	WGDU	BP1U	BP2U	BP3U	BP1N	BP3N	BP3F	BP3S	BP3C	BP3Z	WPDU	ZPLC	Other
1	WT	mm																												

Container Codes

Glass		Plastic		Misc.	
DG9B	40mL bisulfate clear vial	WGKU	8oz clear soil jar	BP1C	1L NaOH plastic
DG9H	40mL HCl amber vial	WGKU	4oz clear soil jar	BP1N	1L HNO3 plastic
DG9M	40mL MeOH clear vial	WG2U	2oz clear soil jar	BP1S	1L H2SO4 plastic
DG9Q	40mL TSP amber vial	JGFU	4oz unpreserved amber wide	BP1U	1L unpreserved plastic
DG9S	40mL H2SO4 amber vial	AG0U	100mL unores amber glass	BP1Z	1L NaOH, Zn Acetate
DG9T	40mL Na Thio amber vial	AG1H	1L HCl amber glass	BP2C	500mL NaOH plastic
DG9U	40mL amber unpreserved	AG1S	1L H2SO4 amber glass	BP2N	500mL HNO3 plastic
VG9H	40mL HCl clear vial	AG1T	1L Na Thiosulfate clear/amber glass	BP2S	500mL H2SO4 plastic
VG9T	40mL Na Thio. clear vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
VG9U	40mL unpreserved clear vial	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Acetate
BG1S	1liter H2SO4 clear glass	AG2S	500mL H2SO4 amber glass	BP3C	250mL NaOH plastic
BG1U	1liter unpres glass	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic - field filtered
BG3H	250mL HCL Clear glass	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
BG3U	250mL Unpres Clear glass	AG3U	250mL unpres amber glass	BP3U	250mL unpreserved plastic
WGDU	16oz clear soil jar	AG4U	125mL unpres amber glass	BP3S	250mL H2SO4 plastic
		AG5U	100mL unpres amber glass	BP3Z	250mL NaOH, Zn Acetate
				BP4U	125mL unpreserved plastic
				BP4N	125mL HNO3 plastic
				BP4S	125mL H2SO4 plastic
				WPDU	16oz unpreserved plastic

Work Order Number:

60457070

2054

GHD

Profile/EZ #

8673

Racer Fairfax

Site:

Notes

COC Line Item	Matrix	VG9H	DG9H	DG9Q	VG9U	DG9U	DG9M	DG9B	BG1U	AG1H	AG1U	AG2U	AG3S	AG4U	AG5U	JGFU	WGKU	WGDU	BP1U	BP2U	BP3U	BP1N	BP3N	BP3F	BP3S	BP3C	BP3Z	WPDU	ZPLC	Other
1	WT	WV																												

Container Codes

Glass		Plastic										Misc.				
DG9B	40mL bisulfate clear vial	WGKU	8oz clear soil jar	BP1C	1L NaOH plastic											Wipe/Swab
DG9H	40mL HCl amber vial	WGKU	4oz clear soil jar	BP1N	1L HNO3 plastic											120mL Coliform Na Thiosulfate
DG9M	40mL MeOH clear vial	WG2U	2oz clear soil jar	BP1S	1L H2SO4 plastic											Ziploc Bag
DG9Q	40mL TSP amber vial	JGFU	4oz unpreserved amber wide	BP1U	1L unpreserved plastic											Air Filter
DG9S	40mL H2SO4 amber vial	AG0U	100mL unores amber glass	BP1Z	1L NaOH, Zn Acetate											Air Cassettes
DG9T	40mL Na Thio amber vial	AG1H	1L HCl amber glass	BP2C	500mL NaOH plastic											Terracore Kit
DG9U	40mL amber unpreserved	AG1S	1L H2SO4 amber glass	BP2N	500mL HNO3 plastic											Summa Can
VG9H	40mL HCl clear vial	AG1T	1L Na Thiosulfate clear/amber glass	BP2S	500mL H2SO4 plastic											
VG9T	40mL Na Thio. clear vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic											
VG9U	40mL unpreserved clear vial	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Acetate											
BG1S	1liter H2SO4 clear glass	AG2S	500mL H2SO4 amber glass	BP3C	250mL NaOH plastic											
BG1U	1liter unpres glass	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic - field filtered											Water
BG3H	250mL HCl Clear glass	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic											Solid
BG3U	250mL Unpres Clear glass	AG3U	250mL unpres amber glass	BP3U	250mL unpreserved plastic											Non-aqueous Liquid
WGDU	16oz clear soil jar	AG4U	125mL unpres amber glass	BP3S	250mL H2SO4 plastic											OIL
		AG5U	100mL unpres amber glass	BP3Z	250mL NaOH, Zn Acetate											Wipe
				BP4U	125mL unpreserved plastic											Drinking Water
				BP4N	125mL HNO3 plastic											
				BP4S	125mL H2SO4 plastic											
				WPDU	16oz unpreserved plastic											

Work Order Number:

60457070

GHD

Profile/EZ #

8673

Site:

Racer FairFax

Notes

COC Line Item	Matrix	VG9H	DG9H	DG9Q	VG9U	DG9U	DG9M	DG9B	BG1U	AG1H	AG1U	AG2U	AG3S	AG4U	AG5U	JGFU	WGKU	WGDU	BP1U	BP2U	BP3U	BP1N	BP3N	BP3F	BP3S	BP3C	BP3Z	WPDU	ZPLC	Other
1	WT	3																												
2	WT	3																												
3																														
4																														
5																														
6																														
7																														
8																														
9																														
10																														
11																														
12																														

Container Codes

Glass		Plastic		Misc.	
DG9B	40mL bisulfate clear vial	WGKU	8oz clear soil jar	BP1C	1L NaOH plastic
DG9H	40mL HCl amber vial	WGFU	4oz clear soil jar	BP1N	1L HNO3 plastic
DG9M	40mL MeOH clear vial	WG2U	2oz clear soil jar	BP1S	1L H2SO4 plastic
DG9Q	40mL TSP amber vial	JGFU	4oz unpreserved amber wide	BP1U	1L unpreserved plastic
DG9S	40mL H2SO4 amber vial	AG0U	100mL unores amber glass	BP1Z	1L NaOH, Zn Acetate
DG9T	40mL Na Thio amber vial	AG1H	1L HCl amber glass	BP2C	500mL NaOH plastic
DG9U	40mL amber unpreserved	AG1S	1L H2SO4 amber glass	BP2N	500mL H2SO4 plastic
VG9H	40mL HCl clear vial	AG1T	1L Na Thiosulfate clear/amber glass	BP2S	500mL H2SO4 plastic
VG9T	40mL Na Thio. clear vial	AG1U	1liter unpres amber glass	BP2U	500mL unpreserved plastic
VG9U	40mL unpreserved clear vial	AG2N	500mL HNO3 amber glass	BP2Z	500mL NaOH, Zn Acetate
BG1S	1liter H2SO4 clear glass	AG2S	500mL H2SO4 amber glass	BP3C	250mL NaOH plastic
BG1U	1liter unpres glass	AG3S	250mL H2SO4 amber glass	BP3F	250mL HNO3 plastic - field filtered
BG3H	250mL HCL Clear glass	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic
BG3U	250mL Unpres Clear glass	AG3U	250mL unpres amber glass	BP3U	250mL unpreserved plastic
WGDU	16oz clear soil jar	AG4U	125mL unpres amber glass	BP3S	250mL H2SO4 plastic
		AG5U	100mL unpres amber glass	BP3Z	250mL NaOH, Zn Acetate
				BP4U	125mL unpreserved plastic
				BP4N	125mL HNO3 plastic
				BP4S	125mL H2SO4 plastic
				WPDU	16oz unpreserved plastic

Work Order Number:

60457070

4 of 4

☐ No

Owner Received Date: 7/18/2024 Results Requested By: 8/1/2024



Requested Analysis

Pace National
12065 Lebanon Rd
Mt. Juliet, TN 37122
Phone (615) 758-5858

8260 Volatile Organics by GC/MS

LRH (C5 - C8) Water

LAB USE ONLY

[illegible]

07-23-24
JR

D150

☐ No

Owner Received Date: 7/18/2024 Results Requested By: 8/1/2024

[illegible]

This chain of custody is considered complete a

Sample Receipt Checklist

QOC Seal: Present/Intact:	<u>/</u> Y N	If Applicable
QOC Signed/Accurate:	<u>/</u> Y N	VOR Zero Headspace: <u>/</u> Y N
Bottles arrive intact:	<u>/</u> Y N	Etes. Correct/Check: <u>/</u> Y N
Correct bottles used:	<u>/</u> Y N	
Sufficient volume sent:	<u>/</u> Y N	
PA Screen <0.5 mR/hr:	<u>/</u> Y N	

7.2+0.3-2.5E

2.2+0.3=2.5 EDA9

714673820783

Appendix C

Data Verification

Data Verification Report

August 5, 2024

To	Travis Kogl	Project No.	12603810
Copy to	Calvin Bernic	DVR No.	2
From	Angela Bown/cs/2-NF	Contact No.	513-285-1102
Project Name	RACER Fairfax 2024 LTM	Email	Angela.Bown@ghd.com
Subject	Analytical Results and Data Verification Annual Groundwater Sampling RACER Fairfax I Kansas City, Kansas July 2024		

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

1. Introduction

This document details a data verification of analytical results for groundwater samples collected in support of the Annual Groundwater Sampling event at the Kansas City site during July 2024. Samples were submitted to Pace Analytical Services, Inc. located in Lenexa, Kansas. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard GHD report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody forms, finished report forms, method blank data, recovery data from surrogate spikes/laboratory control samples (LCS)/matrix spikes (MS), and field QA/QC samples.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and applicable guidance from the documents entitled, "National Functional Guidelines for Organic Superfund Methods Data Review", USEPA 540-R-20-005, November 2020.

2. Sample Holding Time and Preservation

The sample holding time criteria for the analyses are summarized in Table 3. Sample chain of custody documents and analytical report were used to determine sample holding times. All samples were prepared and analyzed within the required holding times with the exception of two sample re-analyses that were performed outside the holding time for volatile organic compound (VOC) analysis. Table 4 presents the qualified and rejected results.

All samples were properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C).

3. Laboratory Method Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per analytical batch of 20 samples or less.

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation.

4. Surrogate Spike Recoveries

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample extraction and/or analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples were spiked with the appropriate number of surrogate compounds prior to sample extraction and/or analysis.

High surrogate recoveries do not impact any associated non-detect sample results.

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries were within the laboratory control limits.

5. Laboratory Control Sample Analyses

LCS or LCS/laboratory control sample duplicates (LCSD) are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects. The relative percent difference (RPD) of the LCS/LCSD recoveries is used to evaluate analytical precision.

For this study, LCS or LCS/LCSD were analyzed at a minimum frequency of 1 per analytical batch of 20 samples or less.

The LCS or LCS/LCSD contained all compounds or carbon ranges of interest. Most LCS recoveries and RPDs were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision (where applicable). Where high LCS/LCSD results were observed, the associated non-detect results were not impacted. Table 5 presents the sample detection that was qualified due to high LCS/LCSD recoveries.

6. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

To evaluate the effects of sample matrices on the preparation process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS/MSD samples. The RPD between the MS and MSD is used to assess analytical precision.

High MS/MSD recoveries do not impact any associated non-detect sample results.

MS/MSD analyses were performed as specified in Table 1 for VOC analysis.

The MS/MSD samples were spiked with all compounds of interest. All percent recoveries and RPD values were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision.

7. Field QA/QC Samples

The field QA/QC consisted of one trip blank samples and two field duplicate sample sets.

Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, one trip blank was submitted to the laboratory for VOC analysis. All results were non-detect for the compounds of interest.

Field Duplicate Sample Analysis

To assess the analytical and sampling protocol precision, two field duplicate sample sets were collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must be less than 50 percent for water samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the reporting limit (RL), the evaluation criterion is one times the RL.

All field duplicate results met the above criteria demonstrating acceptable sampling and analytical precision with the exception of trifluorotrchloroethane in one field duplicate set. Table 6 presents the qualified sample results.

8. Analyte Reporting

The laboratory reported detected results down to the laboratory's sample-specific method detection limit (MDL) for each analyte. Positive analyte detections less than the RL but greater than the sample-specific MDL were qualified as estimated (J) in Table 2.

Non-detect results were presented as non-detect at the RL in Table 2.

9. Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable with the qualifications and exceptions noted herein.

Regards,



Angela Bown

Digital Intelligence-Data Management Team Lead-Data Validator

Table 1

Sample Collection and Analysis Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2024

Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	Analysis/Parameters			Comments
					VOCs	TPH-LRH	TPH-MRH/HRH	
WG-071524-CB-001	MW-208A	Water	07/15/2024	11:24	X			
WG-071524-CB-002	MW-208B	Water	07/15/2024	12:03	X			
WG-071524-CB-003	MW-208C	Water	07/15/2024	12:36	X			
WG-071524-CB-004	MW-110A	Water	07/15/2024	13:59	X			
WG-071524-CB-005	MW-1A	Water	07/15/2024	15:03	X			
WG-071524-CB-006	MW-1B	Water	07/15/2024	15:42	X			
WG-071524-CB-007	MW-1C	Water	07/15/2024	16:09	X			
TRIP BLANK	-	Water	07/15/2024	08:00	X			Trip Blank
WG-071624-CB-008	MW-200	Water	07/16/2024	12:47	X			FD(WG-071624-CB-008)
WG-071624-CB-009	MW-200	Water	07/16/2024	12:50	X			
WG-071624-CB-010	MW-202	Water	07/16/2024	14:29	X			
WG-071624-CB-011	MW-203	Water	07/16/2024	15:19	X			
WG-071724-CB-012	MW-124A	Water	07/17/2024	09:57	X			
WG-071724-CB-013	MW-124B	Water	07/17/2024	10:33	X			
WG-071724-CB-014	MW-146C	Water	07/17/2024	11:53	X			
WG-071724-CB-015	MW-207C	Water	07/17/2024	14:29	X			
WG-071724-CB-016	MW-207A	Water	07/17/2024	14:52	X	X	X	
WG-071824-CB-017	MW-204A	Water	07/18/2024	09:30	X			

Table 1

Sample Collection and Analysis Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2024

Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	Analysis/Parameters			Comments
					VOCs	TPH-LRH	TPH-MRH/HRH	
WG-071824-CB-018	MW-204A	Water	07/18/2024	09:35	X			FD(WG-071824-CB-017) MS/MSD
WG-071824-CB-019	MW-204B	Water	07/18/2024	10:10	X			
WG-071824-CB-020	MW-205A	Water	07/18/2024	11:07	X			
WG-071524-RR-001	MW-201	Water	07/15/2024	16:52	X			
WG-071724-RR-002	MW-146B	Water	07/17/2024	11:50	X			
WG-071724-RR-003	TMW-146	Water	07/17/2024	12:23	X	X	X	
WG-071724-RR-004	MW-207B	Water	07/17/2024	14:07	X			
WG-071824-RR-005	MW-206C	Water	07/18/2024	09:46	X			
WG-071824-RR-006	MW-206B	Water	07/18/2024	10:19	X			
WG-071824-RR-007	MW-206A	Water	07/18/2024	10:49	X			
WG-071824-RR-008	MW-205B	Water	07/18/2024	11:42	X			

Notes:

- FD - Field Duplicate sample of sample in parentheses
- VOCs - Volatile Organic Compounds
- TPH - Total Petroleum Hydrocarbons
- LRH - Low-Range Hydrocarbons
- MRH/HRH - Mid-Range Hydrocarbons/High-Range Hydrocarbons
- MS/MSD - Matrix Spike/Matrix Spike Duplicate
- - Not Applicable

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2024**

Location ID:		MW-1A	MW-1B	MW-1C	MW-110A	MW-124A
Sample Name:		WG-071524-CB-005	WG-071524-CB-006	WG-071524-CB-007	WG-071524-CB-004	WG-071724-CB-012
Sample Date:		07/15/2024	07/15/2024	07/15/2024	07/15/2024	07/17/2024
Parameters	Unit					
Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1,1-Trichloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1,2,2-Tetrachloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1,2-Trichloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1-Dichloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1-Dichloroethene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1-Dichloropropene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2,3-Trichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2,3-Trichloropropane	µg/L	2.50 U	2.50 U	2.50 U	2.50 U	2.50 U
1,2,4-Trichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2,4-Trimethylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dichloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dichloroethene (total)	µg/L	1.00 U	33.7	1.60	0.879 J	1.00 U
1,2-Dichloropropane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,3,5-Trimethylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,3-Dichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,3-Dichloropropane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,4-Dichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
2,2-Dichloropropane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
2-Chlorotoluene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
2-Hexanone	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
2-Phenylbutane (sec-Butylbenzene)	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4-Chlorotoluene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Acetone	µg/L	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U
Benzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2024**

Location ID:		MW-1A	MW-1B	MW-1C	MW-110A	MW-124A
Sample Name:		WG-071524-CB-005	WG-071524-CB-006	WG-071524-CB-007	WG-071524-CB-004	WG-071724-CB-012
Sample Date:		07/15/2024	07/15/2024	07/15/2024	07/15/2024	07/17/2024
Parameters	Unit					
Volatile Organic Compounds						
Bromodichloromethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromoform	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromomethane (Methyl bromide)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Carbon disulfide	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Carbon tetrachloride	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chlorobromomethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chloroethane	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloroform (Trichloromethane)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloromethane (Methyl chloride)	µg/L	2.50 U	2.50 U	2.50 U	2.50 U	2.50 U
cis-1,2-Dichloroethene	µg/L	0.325 J	32.9	1.60	0.879 J	0.289 J
cis-1,3-Dichloropropene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Cymene (p-Isopropyltoluene)	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dibromochloromethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dibromomethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dichlorodifluoromethane (CFC-12)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Ethylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Hexachlorobutadiene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Hexane	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Isopropyl benzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Methyl tert butyl ether (MTBE)	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Methylene chloride	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
N-Butylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
N-Propylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Naphthalene	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Styrene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
tert-Butylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Tetrachloroethene	µg/L	1.00 U	1.00 U	1.00 U	4.87	1.00 U
Toluene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
trans-1,2-Dichloroethene	µg/L	1.00 U	0.781 J	1.00 U	1.00 U	1.00 U
trans-1,3-Dichloropropene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2024**

Location ID:		MW-1A	MW-1B	MW-1C	MW-110A	MW-124A
Sample Name:		WG-071524-CB-005	WG-071524-CB-006	WG-071524-CB-007	WG-071524-CB-004	WG-071724-CB-012
Sample Date:		07/15/2024	07/15/2024	07/15/2024	07/15/2024	07/17/2024
Parameters	Unit					
Volatile Organic Compounds						
Trichloroethene	µg/L	1.00 U	1.00 U	1.00 U	0.931 J	1.00 U
Trichlorofluoromethane (CFC-11)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trifluorotrichloroethane (CFC-113)	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Vinyl chloride	µg/L	1.00 U	21.1	1.00 U	1.00 U	1.00 U
Xylenes (total)	µg/L	3.00 U	3.00 U	3.00 U	3.00 U	3.00 U
Total Petroleum Hydrocarbons						
High-Range Hydrocarbons (HRH) (C19-C35)	mg/L	--	--	--	--	--
Mid-Range Hydrocarbons (MRH) (C9-C18)	mg/L	--	--	--	--	--
Low-Range Hydrocarbons (LRH) (C5-C8)	µg/L	--	--	--	--	--

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2024**

Location ID:		MW-124B	MW-146B	MW-146C	MW-200	MW-200
Sample Name:		WG-071724-CB-013	WG-071724-RR-002	WG-071724-CB-014	WG-071624-CB-008	WG-071624-CB-009
Sample Date:		07/17/2024	07/17/2024	07/17/2024	07/16/2024	07/16/2024 Duplicate
Parameters	Unit					
Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1,1-Trichloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1,2,2-Tetrachloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1,2-Trichloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1-Dichloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1-Dichloroethene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1-Dichloropropene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2,3-Trichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2,3-Trichloropropane	µg/L	2.50 U	2.50 U	2.50 U	2.50 U	2.50 U
1,2,4-Trichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2,4-Trimethylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dichloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dichloroethene (total)	µg/L	1.00 U	94.2	0.681 J	1.00 U	1.00 U
1,2-Dichloropropane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,3,5-Trimethylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,3-Dichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,3-Dichloropropane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,4-Dichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
2,2-Dichloropropane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
2-Chlorotoluene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
2-Hexanone	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
2-Phenylbutane (sec-Butylbenzene)	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4-Chlorotoluene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Acetone	µg/L	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U
Benzene	µg/L	1.00 U	0.107 J	1.00 U	1.00 U	1.00 U
Bromobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2024**

Location ID:		MW-124B	MW-146B	MW-146C	MW-200	MW-200
Sample Name:		WG-071724-CB-013	WG-071724-RR-002	WG-071724-CB-014	WG-071624-CB-008	WG-071624-CB-009
Sample Date:		07/17/2024	07/17/2024	07/17/2024	07/16/2024	07/16/2024 Duplicate
Parameters	Unit					
Volatile Organic Compounds						
Bromodichloromethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromoform	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromomethane (Methyl bromide)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Carbon disulfide	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Carbon tetrachloride	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chlorobenzene	µg/L	0.178 J	1.00 U	1.00 U	1.00 U	1.00 U
Chlorobromomethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chloroethane	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloroform (Trichloromethane)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloromethane (Methyl chloride)	µg/L	2.50 U	2.50 U	2.50 U	2.50 U	2.50 U
cis-1,2-Dichloroethene	µg/L	0.449 J	90.7	0.681 J	1.00 U	0.129 J
cis-1,3-Dichloropropene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Cymene (p-Isopropyltoluene)	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dibromochloromethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dibromomethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dichlorodifluoromethane (CFC-12)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Ethylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Hexachlorobutadiene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Hexane	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Isopropyl benzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Methyl tert butyl ether (MTBE)	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Methylene chloride	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
N-Butylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
N-Propylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Naphthalene	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Styrene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
tert-Butylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Tetrachloroethene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Toluene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
trans-1,2-Dichloroethene	µg/L	1.00 U	3.49	1.00 U	1.00 U	1.00 U
trans-1,3-Dichloropropene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2024**

Location ID:		MW-124B	MW-146B	MW-146C	MW-200	MW-200
Sample Name:		WG-071724-CB-013	WG-071724-RR-002	WG-071724-CB-014	WG-071624-CB-008	WG-071624-CB-009
Sample Date:		07/17/2024	07/17/2024	07/17/2024	07/16/2024	07/16/2024 Duplicate
Parameters	Unit					
Volatile Organic Compounds						
Trichloroethene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Trichlorofluoromethane (CFC-11)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trifluorotrichloroethane (CFC-113)	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Vinyl chloride	µg/L	1.00 U	2.83	1.00 U	1.00 U	1.00 U
Xylenes (total)	µg/L	3.00 U	3.00 U	3.00 U	3.00 U	3.00 U
Total Petroleum Hydrocarbons						
High-Range Hydrocarbons (HRH) (C19-C35)	mg/L	--	--	--	--	--
Mid-Range Hydrocarbons (MRH) (C9-C18)	mg/L	--	--	--	--	--
Low-Range Hydrocarbons (LRH) (C5-C8)	µg/L	--	--	--	--	--

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2024**

Location ID:		MW-201	MW-202	MW-203	MW-204A	MW-204A
Sample Name:		WG-071524-RR-001	WG-071624-CB-010	WG-071624-CB-011	WG-071824-CB-017	WG-071824-CB-018
Sample Date:		07/15/2024	07/16/2024	07/16/2024	07/18/2024	07/18/2024 Duplicate
Parameters	Unit					
Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1,1-Trichloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1,2,2-Tetrachloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1,2-Trichloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1-Dichloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1-Dichloroethene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1-Dichloropropene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2,3-Trichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2,3-Trichloropropane	µg/L	2.50 U	2.50 U	2.50 U	2.50 U	2.50 U
1,2,4-Trichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2,4-Trimethylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dichloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dichloroethene (total)	µg/L	1.00 U	1.00 U	1.00 U	1.45	1.78
1,2-Dichloropropane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,3,5-Trimethylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,3-Dichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,3-Dichloropropane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,4-Dichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
2,2-Dichloropropane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10.0 U	16.9	10.0 U	10.0 U	10.0 U
2-Chlorotoluene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
2-Hexanone	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
2-Phenylbutane (sec-Butylbenzene)	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4-Chlorotoluene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10.0 U	0.478 J+	10.0 U	10.0 U	10.0 U
Acetone	µg/L	50.0 U	13.2 J	50.0 U	50.0 U	50.0 U
Benzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2024**

Location ID:		MW-201	MW-202	MW-203	MW-204A	MW-204A
Sample Name:		WG-071524-RR-001	WG-071624-CB-010	WG-071624-CB-011	WG-071824-CB-017	WG-071824-CB-018
Sample Date:		07/15/2024	07/16/2024	07/16/2024	07/18/2024	07/18/2024 Duplicate
Parameters	Unit					
Volatile Organic Compounds						
Bromodichloromethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromoform	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromomethane (Methyl bromide)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Carbon disulfide	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Carbon tetrachloride	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chlorobromomethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chloroethane	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloroform (Trichloromethane)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloromethane (Methyl chloride)	µg/L	2.50 U	2.50 U	2.50 U	2.50 U	2.50 U
cis-1,2-Dichloroethene	µg/L	1.00 U	1.00 U	1.00 U	1.45	1.78
cis-1,3-Dichloropropene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Cymene (p-Isopropyltoluene)	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dibromochloromethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dibromomethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dichlorodifluoromethane (CFC-12)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Ethylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Hexachlorobutadiene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Hexane	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Isopropyl benzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Methyl tert butyl ether (MTBE)	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Methylene chloride	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
N-Butylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
N-Propylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Naphthalene	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Styrene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
tert-Butylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Tetrachloroethene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Toluene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
trans-1,2-Dichloroethene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
trans-1,3-Dichloropropene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2024**

Location ID:		MW-201	MW-202	MW-203	MW-204A	MW-204A
Sample Name:		WG-071524-RR-001	WG-071624-CB-010	WG-071624-CB-011	WG-071824-CB-017	WG-071824-CB-018
Sample Date:		07/15/2024	07/16/2024	07/16/2024	07/18/2024	07/18/2024 Duplicate
Parameters	Unit					
Volatile Organic Compounds						
Trichloroethene	µg/L	1.00 U	1.00 U	1.00 U	9.13	9.24
Trichlorofluoromethane (CFC-11)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trifluorotrichloroethane (CFC-113)	µg/L	1.00 U	1.00 U	1.00 U	3.24 J	5.99 J
Vinyl chloride	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Xylenes (total)	µg/L	3.00 U	3.00 U	3.00 U	3.00 U	3.00 U
Total Petroleum Hydrocarbons						
High-Range Hydrocarbons (HRH) (C19-C35)	mg/L	--	--	--	--	--
Mid-Range Hydrocarbons (MRH) (C9-C18)	mg/L	--	--	--	--	--
Low-Range Hydrocarbons (LRH) (C5-C8)	µg/L	--	--	--	--	--

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2024**

Location ID:		MW-204B	MW-205A	MW-205B	MW-206A	MW-206B
Sample Name:		WG-071824-CB-019	WG-071824-CB-020	WG-071824-RR-008	WG-071824-RR-007	WG-071824-RR-006
Sample Date:		07/18/2024	07/18/2024	07/18/2024	07/18/2024	07/18/2024
Parameters		Unit				
Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1,1-Trichloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1,2,2-Tetrachloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1,2-Trichloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1-Dichloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1-Dichloroethene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1-Dichloropropene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2,3-Trichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2,3-Trichloropropane	µg/L	2.50 U	2.50 U	2.50 U	2.50 U	2.50 U
1,2,4-Trichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2,4-Trimethylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dichloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dichloroethene (total)	µg/L	8.75	1.12	3.47	5.31	3.57
1,2-Dichloropropane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,3,5-Trimethylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,3-Dichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,3-Dichloropropane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,4-Dichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
2,2-Dichloropropane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
2-Chlorotoluene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
2-Hexanone	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
2-Phenylbutane (sec-Butylbenzene)	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4-Chlorotoluene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Acetone	µg/L	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U
Benzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2024**

Location ID:		MW-204B	MW-205A	MW-205B	MW-206A	MW-206B
Sample Name:		WG-071824-CB-019	WG-071824-CB-020	WG-071824-RR-008	WG-071824-RR-007	WG-071824-RR-006
Sample Date:		07/18/2024	07/18/2024	07/18/2024	07/18/2024	07/18/2024
Parameters		Unit				
Volatile Organic Compounds						
Bromodichloromethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromoform	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromomethane (Methyl bromide)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Carbon disulfide	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Carbon tetrachloride	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chlorobromomethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chloroethane	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloroform (Trichloromethane)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloromethane (Methyl chloride)	µg/L	2.50 U	2.50 U	2.50 U	2.50 U	2.50 U
cis-1,2-Dichloroethene	µg/L	7.87	1.12	3.28	5.31	3.41
cis-1,3-Dichloropropene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Cymene (p-Isopropyltoluene)	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dibromochloromethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dibromomethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dichlorodifluoromethane (CFC-12)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Ethylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Hexachlorobutadiene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Hexane	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Isopropyl benzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Methyl tert butyl ether (MTBE)	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Methylene chloride	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
N-Butylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
N-Propylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Naphthalene	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Styrene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
tert-Butylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Tetrachloroethene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Toluene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
trans-1,2-Dichloroethene	µg/L	0.882 J	1.00 U	0.191 J	1.00 U	0.161 J
trans-1,3-Dichloropropene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2024**

Location ID:		MW-204B	MW-205A	MW-205B	MW-206A	MW-206B
Sample Name:		WG-071824-CB-019	WG-071824-CB-020	WG-071824-RR-008	WG-071824-RR-007	WG-071824-RR-006
Sample Date:		07/18/2024	07/18/2024	07/18/2024	07/18/2024	07/18/2024
Parameters	Unit					
Volatile Organic Compounds						
Trichloroethene	µg/L	0.304 J	0.234 J	1.00 U	1.00 U	1.00 U
Trichlorofluoromethane (CFC-11)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trifluorotrichloroethane (CFC-113)	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Vinyl chloride	µg/L	1.43	1.00 U	0.399 J	2.13	5.27
Xylenes (total)	µg/L	3.00 U	3.00 U	3.00 U	3.00 U	3.00 U
Total Petroleum Hydrocarbons						
High-Range Hydrocarbons (HRH) (C19-C35)	mg/L	--	--	--	--	--
Mid-Range Hydrocarbons (MRH) (C9-C18)	mg/L	--	--	--	--	--
Low-Range Hydrocarbons (LRH) (C5-C8)	µg/L	--	--	--	--	--

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2024**

Location ID:		MW-206C	MW-207A	MW-207B	MW-207C	MW-208A
Sample Name:		WG-071824-RR-005	WG-071724-CB-016	WG-071724-RR-004	WG-071724-CB-015	WG-071524-CB-001
Sample Date:		07/18/2024	07/17/2024	07/17/2024	07/17/2024	07/15/2024
Parameters	Unit					
Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1,1-Trichloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1,2,2-Tetrachloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1,2-Trichloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1-Dichloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1-Dichloroethene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1-Dichloropropene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2,3-Trichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2,3-Trichloropropane	µg/L	2.50 U	2.50 U	2.50 U	2.50 U	2.50 U
1,2,4-Trichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2,4-Trimethylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dichloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dichloroethene (total)	µg/L	1.00 U	1.77	34.9	6.35	1.00 U
1,2-Dichloropropane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,3,5-Trimethylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,3-Dichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,3-Dichloropropane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,4-Dichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
2,2-Dichloropropane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10.0 U	2.22 J	10.0 U	10.0 U	10.0 U
2-Chlorotoluene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
2-Hexanone	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
2-Phenylbutane (sec-Butylbenzene)	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4-Chlorotoluene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Acetone	µg/L	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U
Benzene	µg/L	1.00 U	1.00 U	0.108 J	1.00 U	1.00 U
Bromobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2024**

Location ID:	MW-206C	MW-207A	MW-207B	MW-207C	MW-208A
Sample Name:	WG-071824-RR-005	WG-071724-CB-016	WG-071724-RR-004	WG-071724-CB-015	WG-071524-CB-001
Sample Date:	07/18/2024	07/17/2024	07/17/2024	07/17/2024	07/15/2024

Parameters	Unit					
Volatile Organic Compounds						
Bromodichloromethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromoform	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromomethane (Methyl bromide)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Carbon disulfide	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Carbon tetrachloride	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chlorobromomethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chloroethane	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloroform (Trichloromethane)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Chloromethane (Methyl chloride)	µg/L	2.50 U	2.50 U	2.50 U	2.50 U	2.50 U
cis-1,2-Dichloroethene	µg/L	0.173 J	1.77	32.9	6.09	R
cis-1,3-Dichloropropene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Cymene (p-Isopropyltoluene)	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dibromochloromethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dibromomethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Dichlorodifluoromethane (CFC-12)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Ethylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Hexachlorobutadiene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Hexane	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Isopropyl benzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Methyl tert butyl ether (MTBE)	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Methylene chloride	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
N-Butylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
N-Propylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Naphthalene	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Styrene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
tert-Butylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Tetrachloroethene	µg/L	1.00 U	0.373 J	1.00 U	1.00 U	1.00 U
Toluene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
trans-1,2-Dichloroethene	µg/L	1.00 U	1.00 U	1.95	0.255 J	1.00 U
trans-1,3-Dichloropropene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2024**

Location ID:		MW-206C	MW-207A	MW-207B	MW-207C	MW-208A
Sample Name:		WG-071824-RR-005	WG-071724-CB-016	WG-071724-RR-004	WG-071724-CB-015	WG-071524-CB-001
Sample Date:		07/18/2024	07/17/2024	07/17/2024	07/17/2024	07/15/2024
Parameters	Unit					
Volatile Organic Compounds						
Trichloroethene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	R
Trichlorofluoromethane (CFC-11)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Trifluorotrichloroethane (CFC-113)	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Vinyl chloride	µg/L	1.00 U	1.00 U	4.81	1.00 U	1.00 U
Xylenes (total)	µg/L	3.00 U	3.00 U	3.00 U	3.00 U	3.00 U
Total Petroleum Hydrocarbons						
High-Range Hydrocarbons (HRH) (C19-C35)	mg/L	--	0.19 U	--	--	--
Mid-Range Hydrocarbons (MRH) (C9-C18)	mg/L	--	0.057 U	--	--	--
Low-Range Hydrocarbons (LRH) (C5-C8)	µg/L	--	100 U	--	--	--

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2024**

Location ID:		MW-208B	MW-208C	TMW-146	Trip Blank
Sample Name:		WG-071524-CB-002	WG-071524-CB-003	WG-071724-RR-003	TRIP BLANK
Sample Date:		07/15/2024	07/15/2024	07/17/2024	07/15/2024
Parameters	Unit				
Volatile Organic Compounds					
1,1,1,2-Tetrachloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
1,1,1-Trichloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
1,1,2,2-Tetrachloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
1,1,2-Trichloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
1,1-Dichloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
1,1-Dichloroethene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
1,1-Dichloropropene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
1,2,3-Trichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
1,2,3-Trichloropropane	µg/L	2.50 U	2.50 U	2.50 U	2.50 U
1,2,4-Trichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
1,2,4-Trimethylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dichloroethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dichloroethene (total)	µg/L	1.00 U	1.95	6.03	1.00 U
1,2-Dichloropropane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
1,3,5-Trimethylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
1,3-Dichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
1,3-Dichloropropane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
1,4-Dichlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
2,2-Dichloropropane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10.0 U	10.0 U	10.0 U	10.0 U
2-Chlorotoluene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
2-Hexanone	µg/L	10.0 U	10.0 U	10.0 U	10.0 U
2-Phenylbutane (sec-Butylbenzene)	µg/L	1.00 U	1.00 U	0.188 J	1.00 U
4-Chlorotoluene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10.0 U	10.0 U	10.0 U	10.0 U
Acetone	µg/L	50.0 U	50.0 U	50.0 U	50.0 U
Benzene	µg/L	1.00 U	1.00 U	1.45	1.00 U
Bromobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2024**

Location ID:		MW-208B	MW-208C	TMW-146	Trip Blank
Sample Name:		WG-071524-CB-002	WG-071524-CB-003	WG-071724-RR-003	TRIP BLANK
Sample Date:		07/15/2024	07/15/2024	07/17/2024	07/15/2024
Parameters	Unit				
Volatile Organic Compounds					
Bromodichloromethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
Bromoform	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
Bromomethane (Methyl bromide)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U
Carbon disulfide	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
Carbon tetrachloride	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
Chlorobenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
Chlorobromomethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
Chloroethane	µg/L	5.00 U	5.00 U	5.00 U	5.00 U
Chloroform (Trichloromethane)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U
Chloromethane (Methyl chloride)	µg/L	2.50 U	2.50 U	2.50 U	2.50 U
cis-1,2-Dichloroethene	µg/L	0.287 J-	1.95	5.69	1.00 U
cis-1,3-Dichloropropene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
Cymene (p-Isopropyltoluene)	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
Dibromochloromethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
Dibromomethane	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
Dichlorodifluoromethane (CFC-12)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U
Ethylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
Hexachlorobutadiene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
Hexane	µg/L	10.0 U	10.0 U	10.0 U	10.0 U
Isopropyl benzene	µg/L	1.00 U	1.00 U	0.490 J	1.00 U
Methyl tert butyl ether (MTBE)	µg/L	1.00 U	0.677 J	1.00 U	1.00 U
Methylene chloride	µg/L	5.00 U	5.00 U	5.00 U	5.00 U
N-Butylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
N-Propylbenzene	µg/L	1.00 U	1.00 U	0.540 J	1.00 U
Naphthalene	µg/L	5.00 U	5.00 U	2.47 J	5.00 U
Styrene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
tert-Butylbenzene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
Tetrachloroethene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
Toluene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
trans-1,2-Dichloroethene	µg/L	1.00 U	1.00 U	0.344 J	1.00 U
trans-1,3-Dichloropropene	µg/L	1.00 U	1.00 U	1.00 U	1.00 U

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2024**

Location ID:	MW-208B	MW-208C	TMW-146	Trip Blank
Sample Name:	WG-071524-CB-002	WG-071524-CB-003	WG-071724-RR-003	TRIP BLANK
Sample Date:	07/15/2024	07/15/2024	07/17/2024	07/15/2024

Parameters	Unit				
Volatile Organic Compounds					
Trichloroethene	µg/L	R	1.00 U	1.00 U	1.00 U
Trichlorofluoromethane (CFC-11)	µg/L	5.00 U	5.00 U	5.00 U	5.00 U
Trifluorotrichloroethane (CFC-113)	µg/L	1.00 U	1.00 U	1.00 U	1.00 U
Vinyl chloride	µg/L	1.00 U	1.00 U	8.46	1.00 U
Xylenes (total)	µg/L	3.00 U	3.00 U	0.605 J	3.00 U
Total Petroleum Hydrocarbons					
High-Range Hydrocarbons (HRH) (C19-C35)	mg/L	--	--	0.19 U	--
Mid-Range Hydrocarbons (MRH) (C9-C18)	mg/L	--	--	0.18	--
Low-Range Hydrocarbons (LRH) (C5-C8)	µg/L	--	--	100 U	--

Notes:

U - Not detected at the associated reporting limit
 -- - Not applicable
 J - Estimated concentration
 R - Rejected

Table 3

**Analytical Methods
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2024**

Parameter	Method	Matrix	Holding Time	
			Collection to Extraction (Days)	Collection or Extraction to Analysis (Days)
Volatile Organic Compounds (VOCs)	SW-846 8260B ¹	Water	-	14
TPH-LRH	M8015/8021LKS ²	Water	-	14
TPH-MRH/HRH	M8015MHKS ³	Water	14	40

Method References:

- ¹ - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods",
SW-846, Third Edition, 1986, with subsequent revisions
- ² - "Kansas Method for the Determination of Low-Range Hydrocarbons (LRH)", Revision 1.0, November 2015
- ³ - "Kansas Method for the Determination of Mid-Range Hydrocarbons (MRH) and
High-Range Hydrocarbons (HRH)", Revision 1.0, November 2015
- TPH - Total Petroleum Hydrocarbons
- LRH - Low-Range Hydrocarbons
- MRH/HRH - Mid-Range Hydrocarbons/High-Range Hydrocarbons
- - Not Applicable

Table 4

Qualified Sample Results Due to Holding Time Exceedance
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2024

Paramete	Sample ID	Holding Time (days)	Holding Time Criteria (days)	Analyte	Qualified Sample Results	Units
VOCs	WG-071524-CB-001	14	15	cis-1,2-Dichloroethene	R	
				Trichloroethene	R	
VOCs	WG-071524-CB-002	14	16	cis-1,2-Dichloroethene	0.287 J-	µg/L
				Trichloroethene	R	

Notes:

- J- - Estimated concentration, result may be biased low
R - Rejected
VOCs - Volatile Organic Compounds

Table 5

Qualified Sample Results Due to Outlying LCS/LCSD Results
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2024

Parameter	Analyte	LCS Date (mm/dd/yyyy)	LCS % Recovery	LCSD % Recovery	RPD (percent)	Control Limits		Associated Sample ID	Qualified Result	Units
						% Recovery	RPD			
VOCs	4-Methyl-2-pentanone (Methyl isobutyl ketone)	07/27/2024	161	158	1.5	68-142	20	WG-071624-CB-010	0.476 J+	µg/L

- Notes:
- LCS - Laboratory Control Sample
 - LCSD - Laboratory Control Sample Duplicate
 - RPD - Relative Percent Difference
 - J+ - Estimated concentration, result may be biased high
 - VOCs - Volatile Organic Compounds

Table 6

**Qualified Sample Data Due to Variability in Field Duplicate Results
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2024**

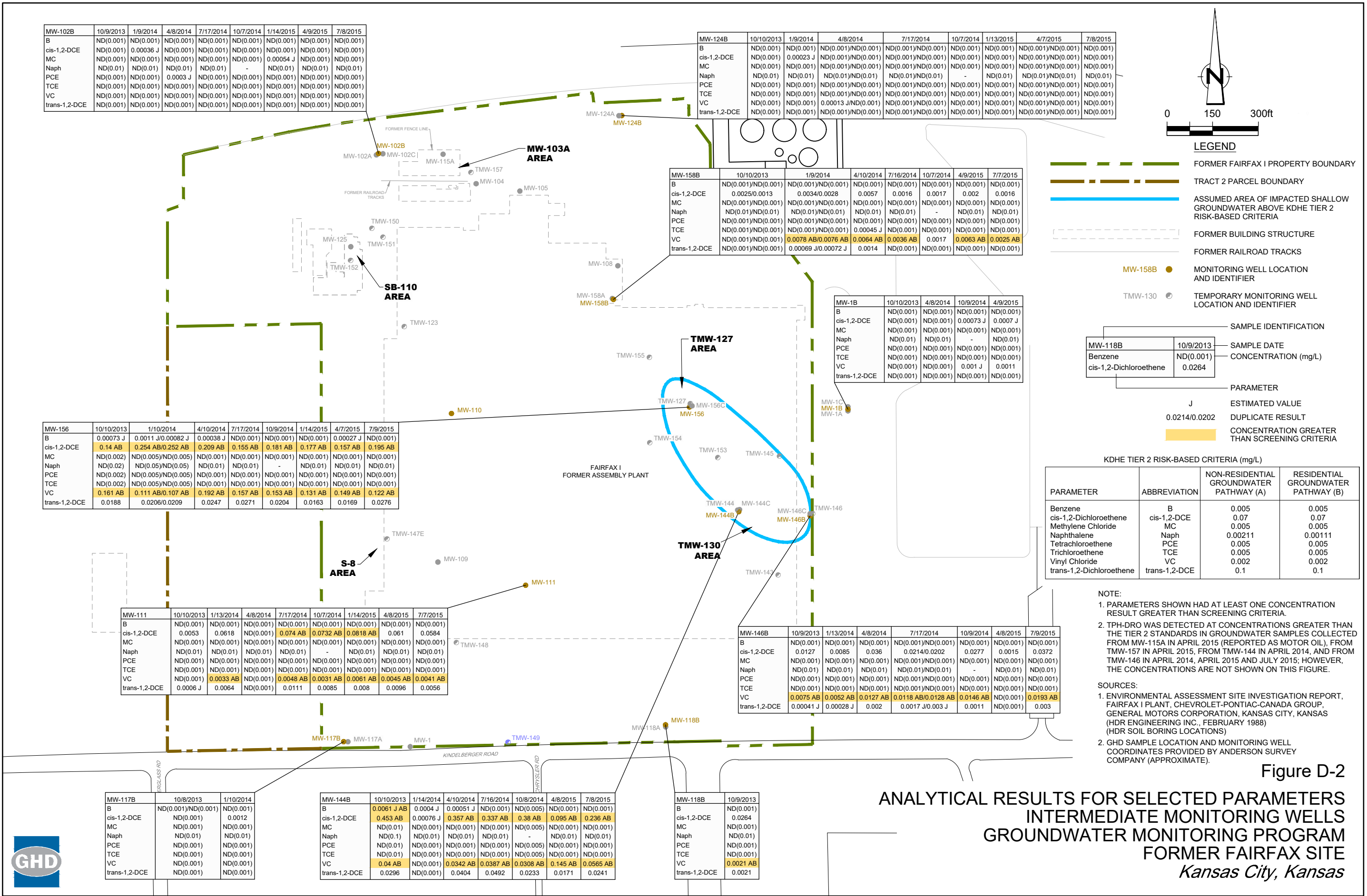
Parameter	Analyte	RPD	Diff	RL	Sample ID	Qualified Result	Field Duplicate Sample ID	Qualified Result	Units
VOCs	Trifluorotrichloroethane (CFC-113)	60	2.75	1.00	WG-071824-CB-017	3.24 J	WG-071824-CB-018	5.99 J	µg/L

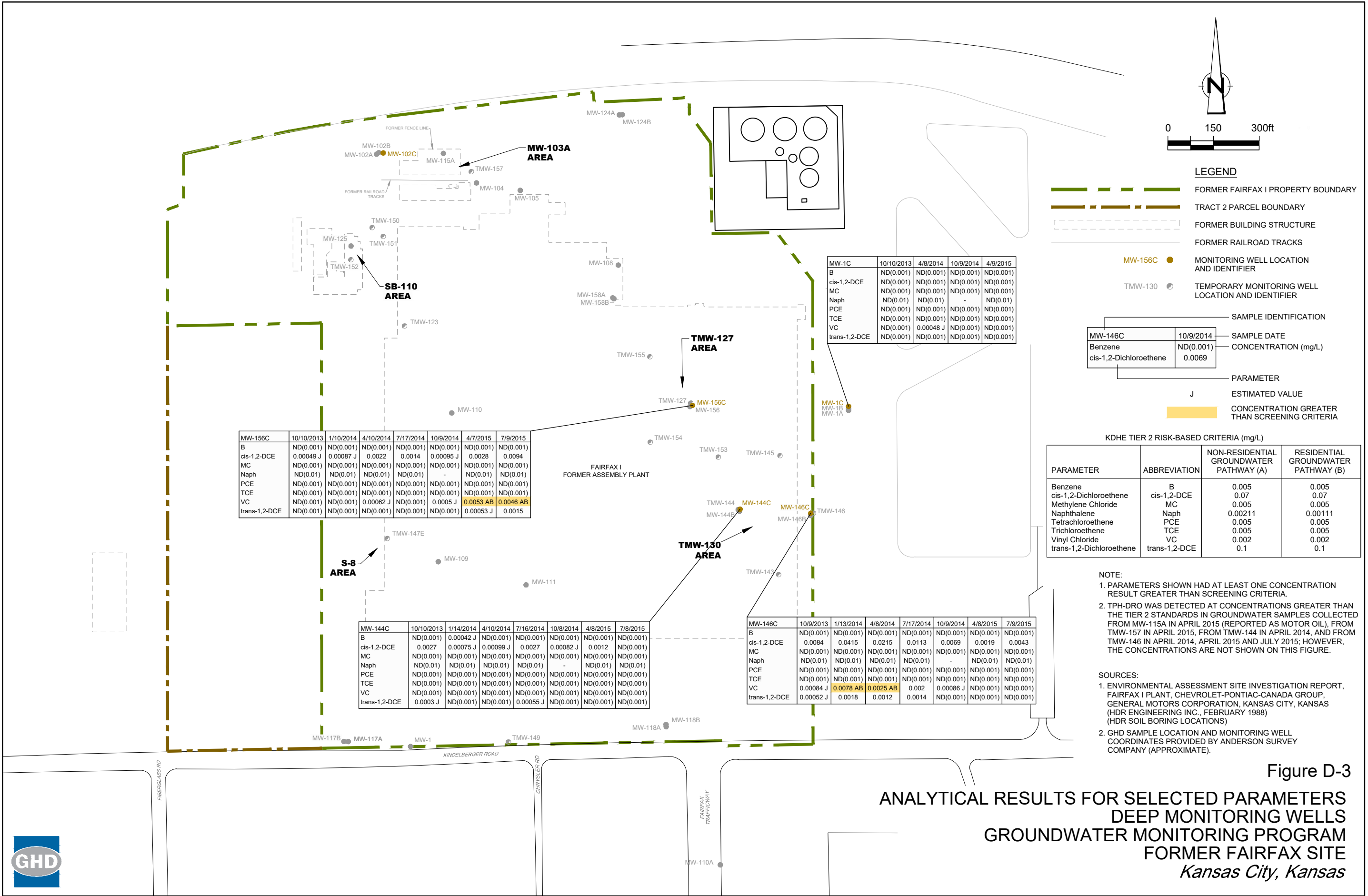
Notes:

- Diff - Difference (<1X RL)
- RPD - Relative Percent Difference
- J - Estimated concentration
- RL - Reporting Limit
- VOCs - Volatile Organic Compounds

Appendix D

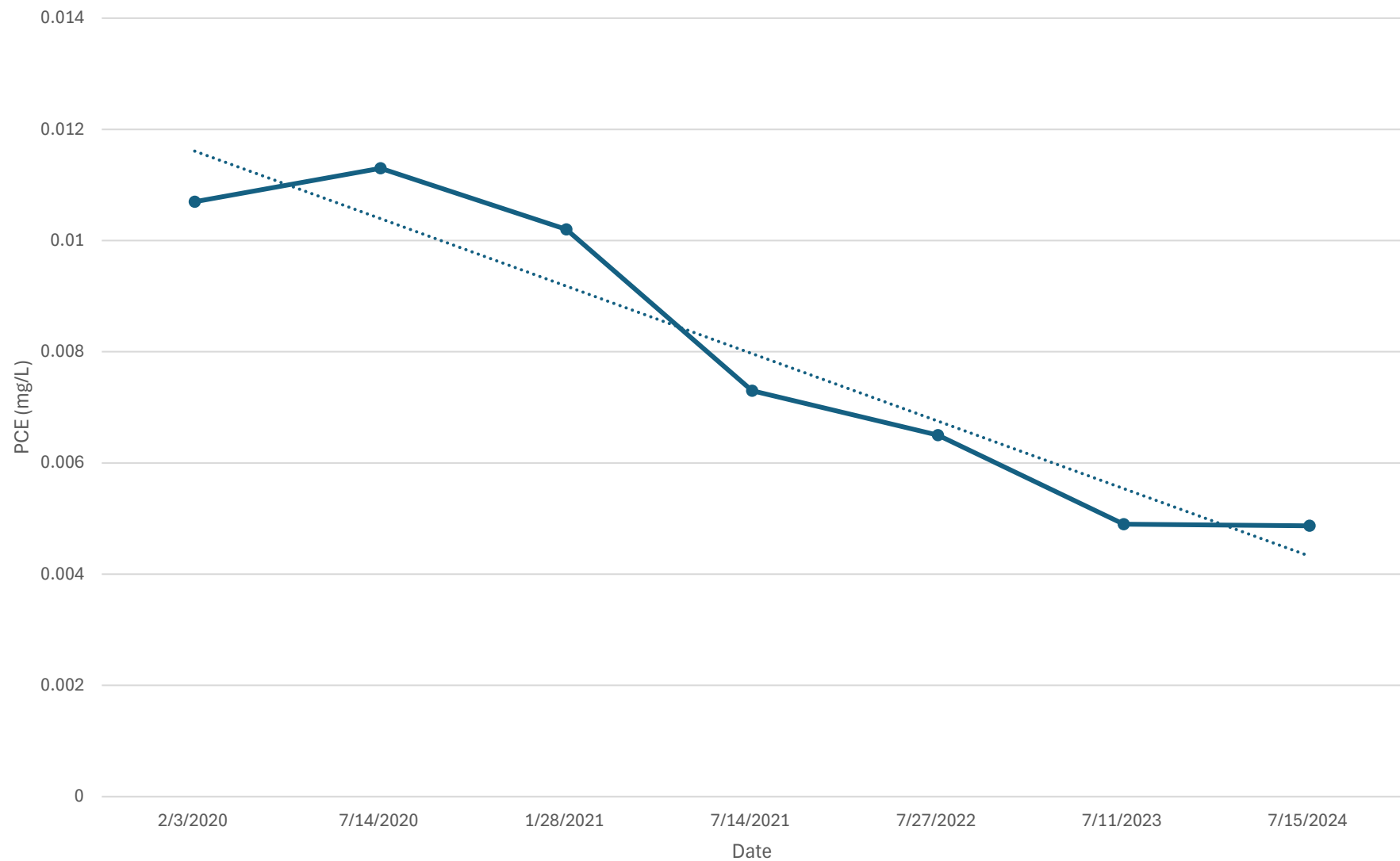
Groundwater Monitoring Data 2012-2015





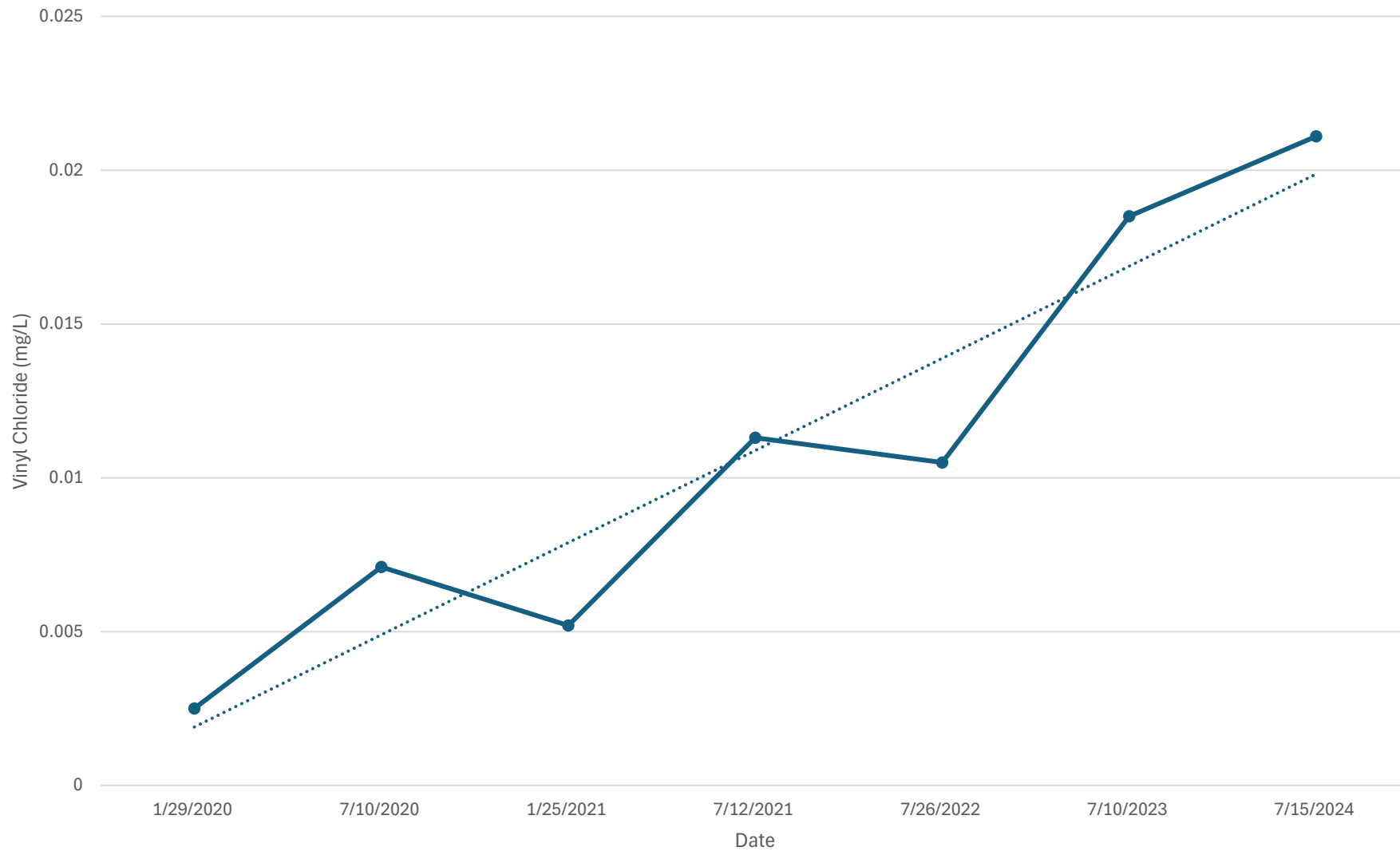
Appendix E

Chemicals of Concern Trend Graphs



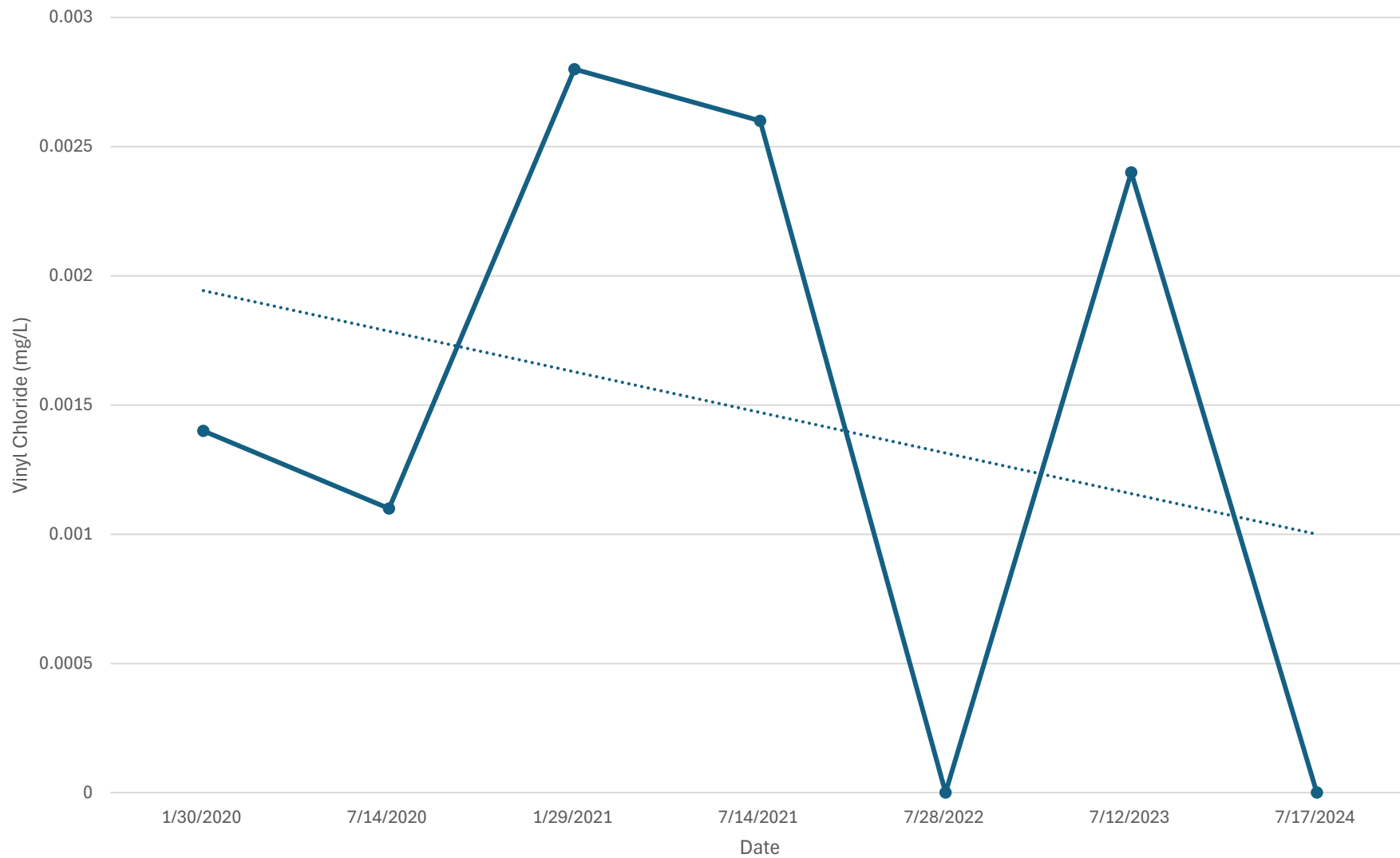
—●— PCE (mg/L) Linear (PCE (mg/L))

MW-110A
Tetrachloroethylene Trend
RACER Fairfax



—●— Vinyl Chloride(mg/L) Linear (Vinyl Chloride(mg/L))

MW-1B
Vinyl Chloride Trend
RACER Fairfax



—●— Vinyl Chloride (mg/L) Linear (Vinyl Chloride (mg/L))

MW-124B
Vinyl Chloride Trend
RACER Fairfax



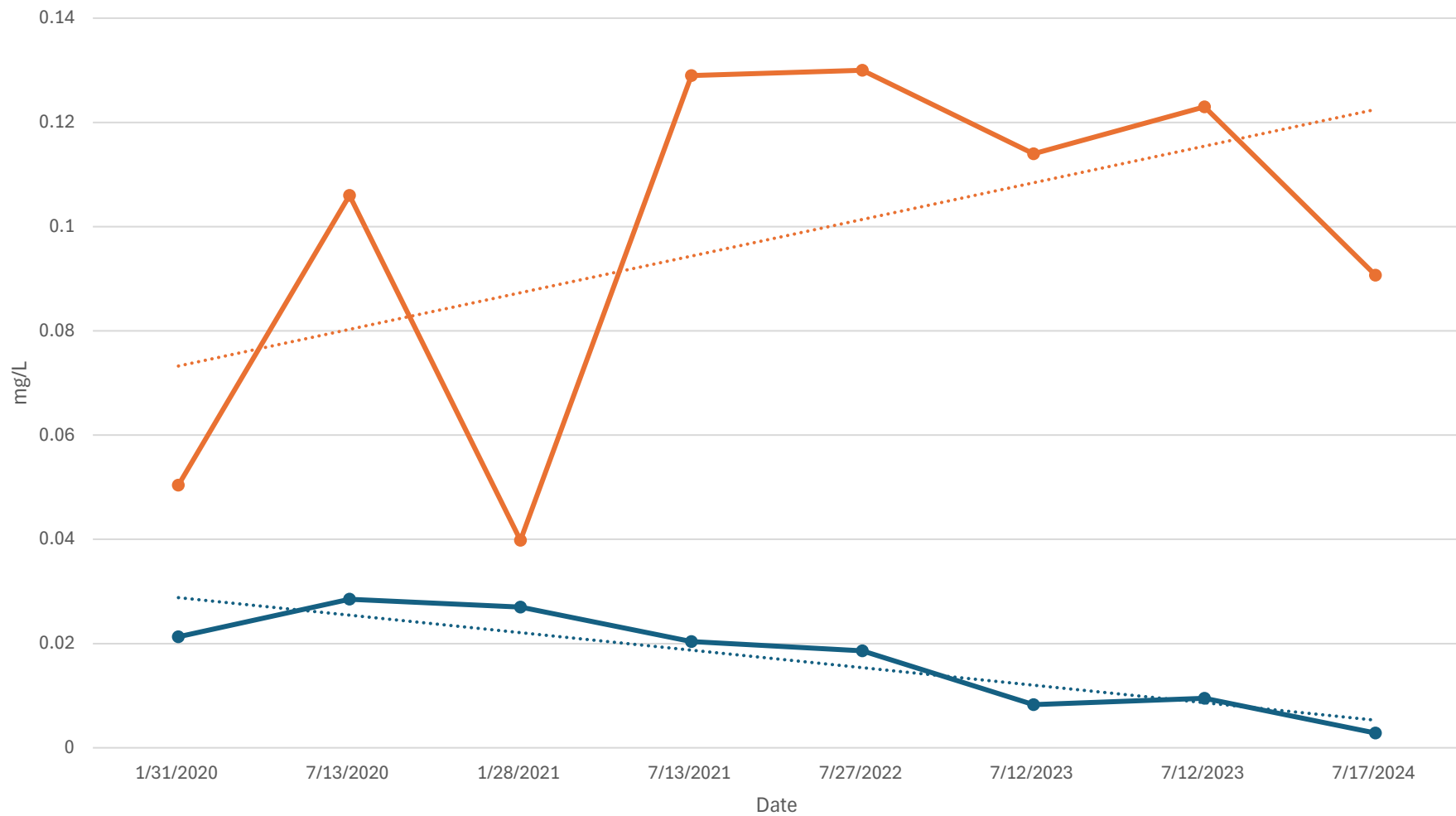
—●— Vinyl Chloride (mg/L)

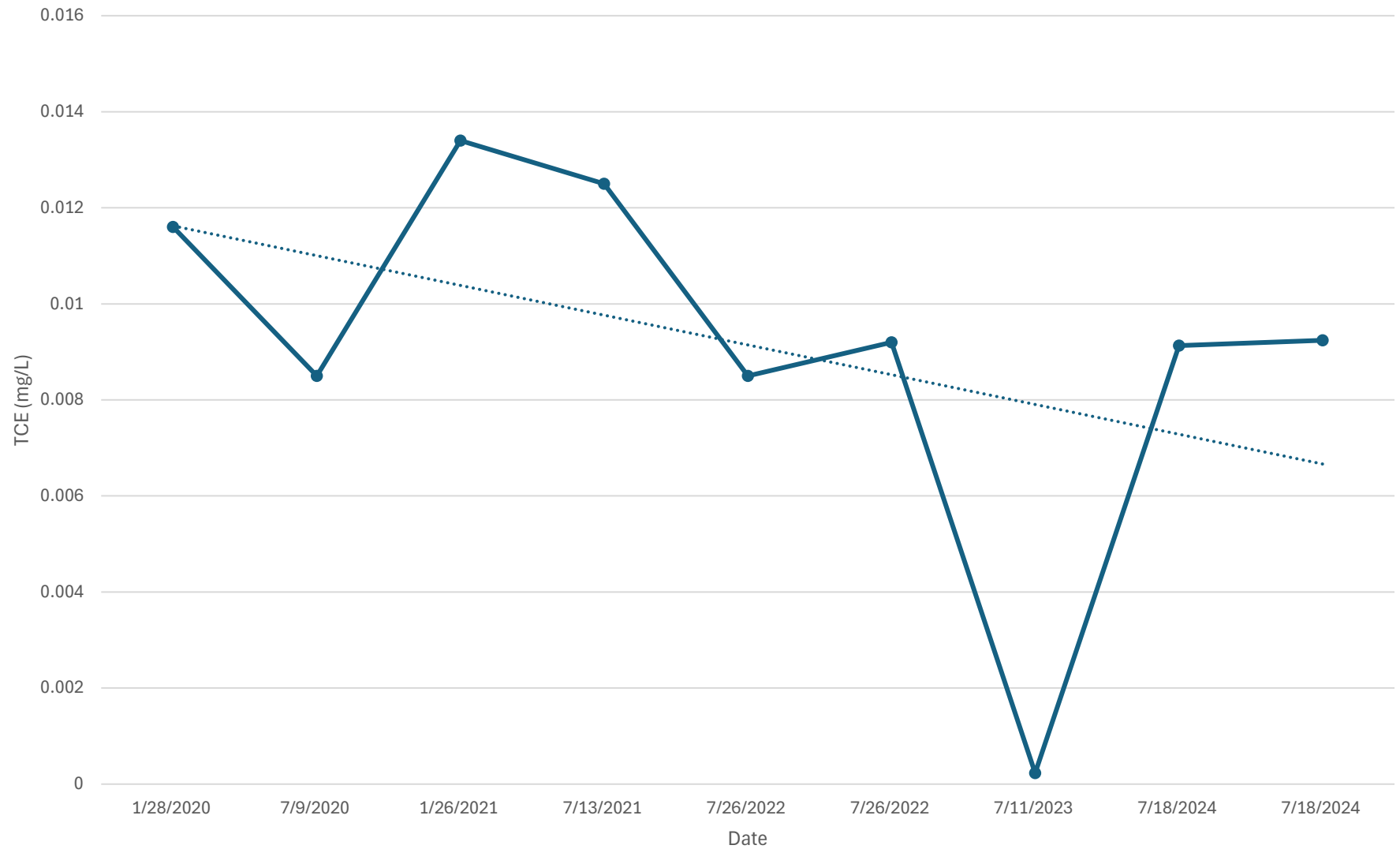
..... Linear (Vinyl Chloride (mg/L))

—●— cis-1,2 DCE (mg/L)

..... Linear (cis-1,2 DCE (mg/L))

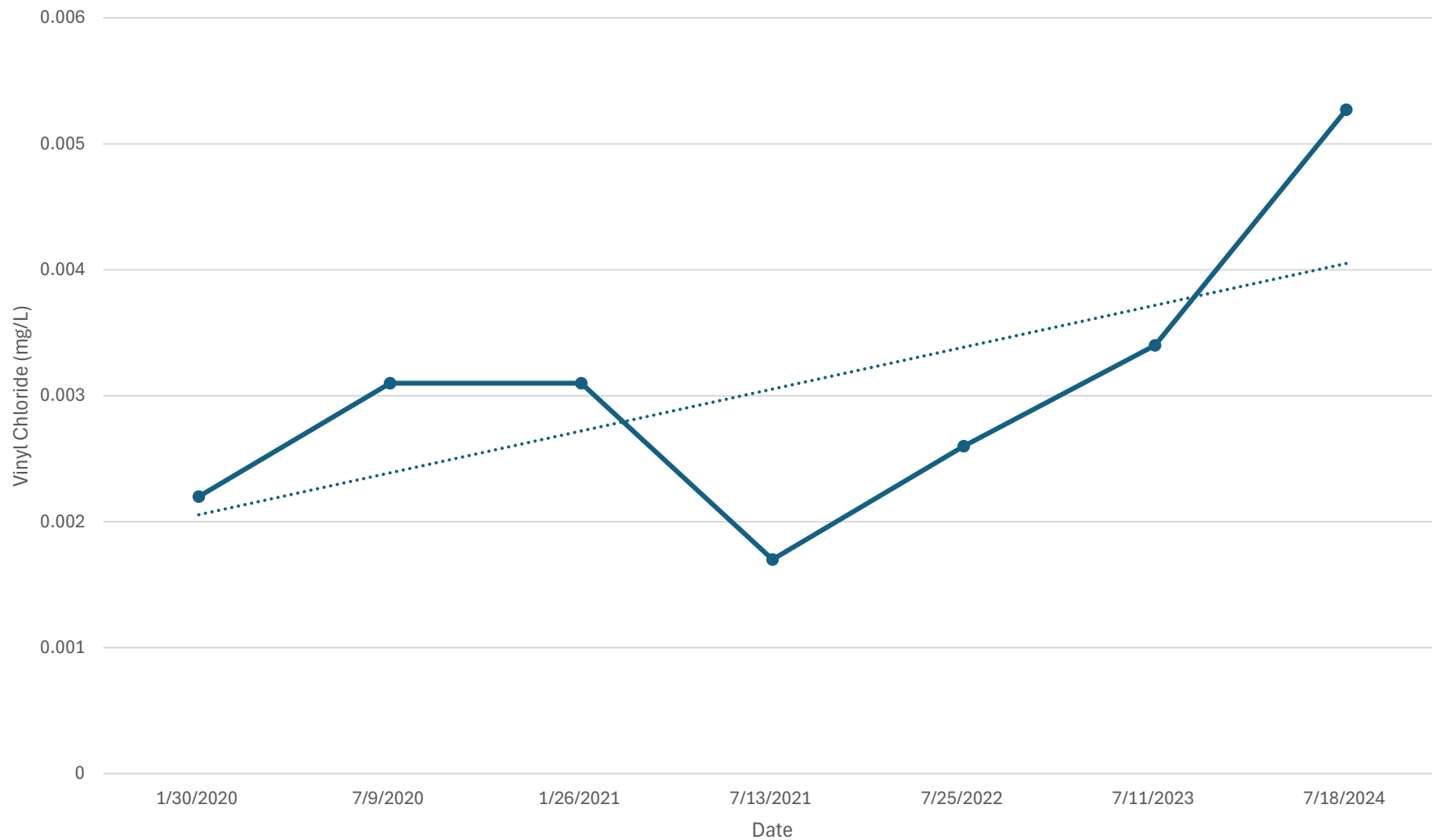
MW-146B
Vinyl Chloride and cis-1,2 DCE Trend
RACER Fairfax





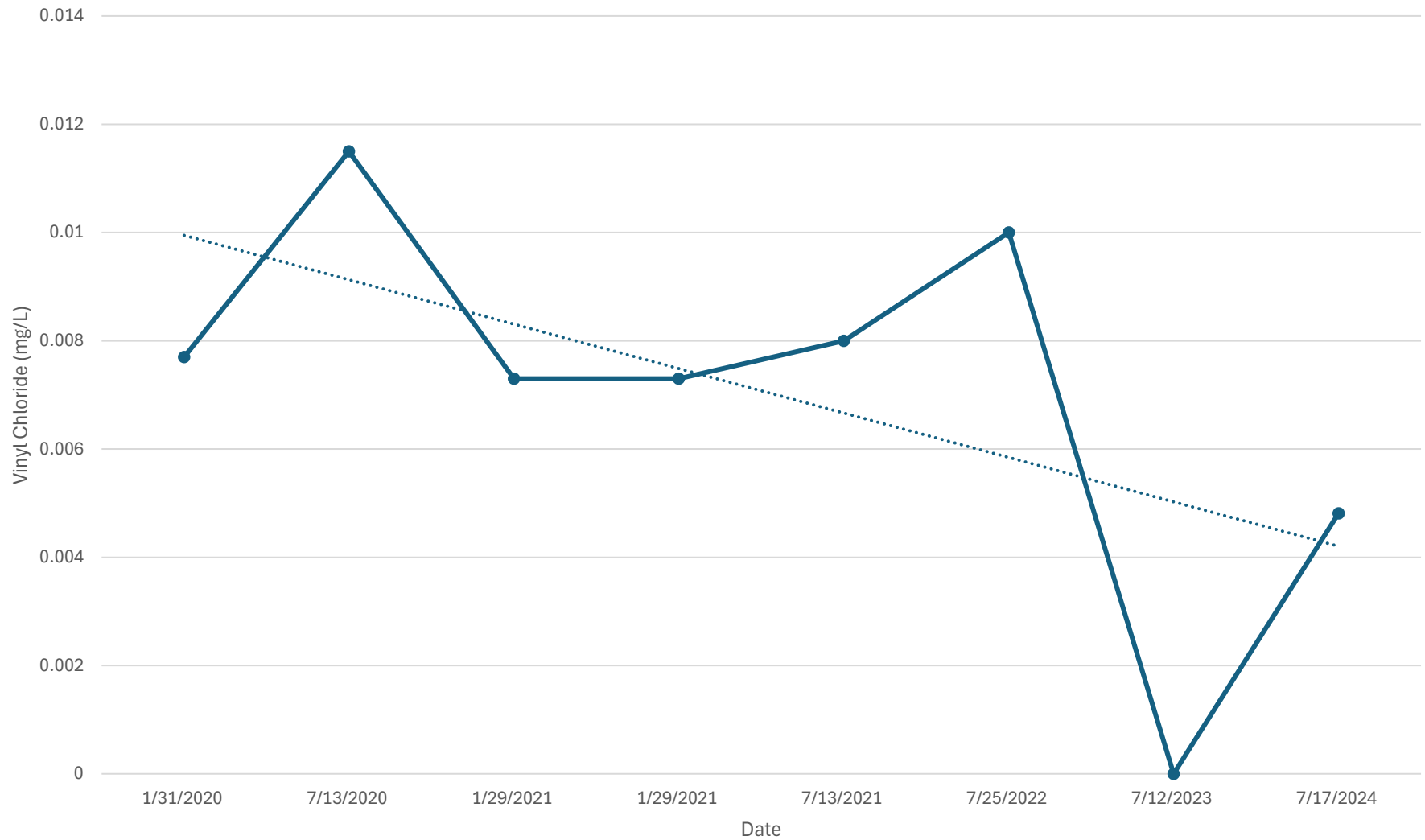
—●— TCE (mg/L) Linear (TCE (mg/L))

MW-204A
Trichloroethylene Trend
RACER Fairfax



—●— Vinyl Chloride (mg/L) Linear (Vinyl Chloride (mg/L))

MW-206B
Vinyl Chloride Trend
RACER Fairfax



—●— Vinyl Chloride (mg/L) Linear (Vinyl Chloride (mg/L))

MW-207B
Vinyl Chloride Trend
RACER Fairfax



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