



July 2023 - Annual Long-Term Groundwater Monitoring Report

**Revitalizing Auto Communities
Environmental Responses Trust**

RACER Trust

September 11, 2023

Contents

1.	Introduction	1
1.1	Purpose of this Report	1
2.	Site Description and History	1
2.1	Site Description	1
2.2	Site History	1
2.3	Geology and Hydrogeology	2
3.	Groundwater Monitoring Activities	3
3.1	General Site Conditions	3
3.2	Groundwater Elevation Data Collection	3
3.3	Monitoring Well Sampling Activities	3
3.4	Quality Control Samples	4
3.5	Laboratory Analytical Methods	4
4.	Groundwater Monitoring Results	4
4.1	Groundwater Elevation Results	4
4.2	Laboratory Analytical Results	5
4.3	Quality Control Sample Analytical Results	6
5.	Discussion of Results	6
6.	Conclusions and Recommendations	7

Figure index

Figure 1	Site Location Map
Figure 2	Site Map
Figure 3	Groundwater Elevation Contours – Shallow Aquifer – July 2023
Figure 4	Groundwater Elevation Contours – Intermediate Aquifer – July 2023
Figure 5	Groundwater Elevation Contours – Deep Aquifer – July 2023
Figure 6	Analytical Results in Shallow Aquifer
Figure 7	Analytical Results in Intermediate Aquifer
Figure 8	Analytical Results in Deep Aquifer

Table index

Table 1	Monitoring Well Construction Data (following text)	
Table 2	Groundwater Elevation Data (following text)	
Table 3	Groundwater Analytical Results (following text)	
Table 3.1	Stabilization Criteria	4
Table 4.2	Chemicals of Concern below KDHE Risk-Based Cleanup Standards	5

Contents (cont'd.)

Appendices

Appendix A	Field Documentation
Appendix B	Laboratory Analytical Report
Appendix C	Reduced Data Validation Memo
Appendix D	Groundwater Monitoring Data 2012-2015

1. Introduction

GHD Services Inc. (GHD) has prepared this July 2023 Annual Long-Term Groundwater Monitoring Report (Report) on behalf of the Revitalizing Auto Communities Environmental Responses (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 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 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 Site History 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. 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 (VCPRP). 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 CVOc 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 northerly 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 10, 2023 through July 12, 2023. 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.

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 in a field log to the nearest 0.01 foot. Field notes 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 are summarized in Table 2.

3.3 Monitoring Well Sampling Activities

Prior to sampling, each well was purged using low flow purging (LFP) methods. 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.

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 shipped under chain-of-custody protocols to Pace Analytical Services, Inc. (Pace).

3.4 Quality Control Samples

GHD collected two blind-labeled duplicate samples for laboratory analysis. The duplicate samples were collected from MW-1A and MW-146B. GHD also collected one matrix spike/matrix duplicate (MS/MSD) sample from TMW-146. 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
- Naphthalene by SW 846 Method 8270-SIM – TMW-146 and MW-207A

4. Groundwater Monitoring Results

4.1 Groundwater Elevation Results

On July 10, 2023, depth to groundwater in monitoring wells screened in the shallow aquifer ranged from 22.37 ft below top of casing (btoc) (MW-202) to 26.79 ft btoc (MW-124A). Groundwater elevations ranged from 720.35 ft above mean sea level (amsl) (MW-208A) to 721.93 ft amsl (MW-201) and have decreased 1.51 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 away from the Missouri River at a gradient of less than 0.01 ft/ft as shown on Figure 3. The gradient was northeast toward the Missouri River in July 2022.

The depth to groundwater in monitoring wells screened in the intermediate aquifer ranged from 23.33 ft btoc (MW-206B) to 26.75 ft btoc (MW-124B) ft btoc. Groundwater elevations ranged from 720.36 ft amsl (MW-208B) to

721.58 ft amsl (MW-124B) and have decreased 1.63 ft, on average, since the last monitoring event. Based on the groundwater elevations, the groundwater in the intermediate aquifer flowed to the southeast from the Missouri River at a gradient of less than 0.01 ft/ft as shown on Figure 4. The gradient was northeast toward the Missouri River in July 2022.

The depth to groundwater measurements in wells screened in the deep aquifer ranged from 23.34 ft btoc (MW-206C) to 26.07 ft btoc (MW-1C). Groundwater elevations ranged from 720.38 ft btoc (MW-208C) to 721.52 ft btoc (MW-206C) and have decreased 1.68 ft, on average, since the previous monitoring event. Based on the groundwater elevations, groundwater in the deep aquifer flows to the southeast from the Missouri River at a gradient of less than 0.01 ft/ft as shown on Figure 5. The gradient was northeast toward the bend in Missouri River in July 2022.

4.2 Laboratory Analytical Results

Laboratory analytical reports provided by Pace are provided in Appendix B. The data are tabulated in summary in Table 3.

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 this 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 samples collected from MW-204B (0.0103 mg/L). TCE was detected at concentrations below the Tier 2 RSK standard in samples collected from MW-110A, MW-204A, MW-205A, and MW-207B.

Cis-1,2-DCE was detected above the Tier 2 RSK standard of 0.07 mg/L in the samples collected from MW-146B (0.114 mg/L, duplicate 0.123 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, MW-146C, MW-200, 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 (0.0185 mg/L), MW-124A (0.003 mg/L), MW-124B (0.0024 mg/L), MW-146B (0.0083 mg/L, duplicate 0.0095 mg/L), MW-206B (0.0034 mg/L), and MW-207C (0.0082 mg/L). VC was detected at concentrations below the Tier 2 RSK standard in samples collected from MW-204A and MW-207A.

The following analytes were detected in groundwater samples during this event at concentrations less than their respective Tier 2 standards:

Table 4.2 Chemicals of Concern below KDHE Risk-Based Cleanup Standards

Benzene	Isopropyl benzene
N-Butylbenzene	N-Propylbenzene
1,2,4-Trimethylbenzene	Ethylbenzene
Trans-1,2-Dichloroethene	1,1-Dichloroethane
Methyl tert butyl ether (MTBE)	Tetrachloroethane
Methyl ethyl ketone (MEK)	Methylene chloride
Toluene	Trichloromethane (chloroform)
Xylene	

The remaining CVOCs were less than the laboratory detection limits.

Petroleum hydrocarbons (LRH, MRH, and HRH) and naphthalene 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 (0.39 mg/L) which was below the KDHE Tier 2 RSK standard of 0.40 mg/L. Naphthalene was inadvertently analyzed by SW 846 Method 8260B rather than SW 846 Method 8270-SIM which has a lower reporting limit. Historically, naphthalene has not been detected in groundwater samples from these two wells at the lower detection limit.

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*¹ submitted to KDHE in July 2016.

Figure 6 summarizes the COCs detected in groundwater samples collected from the shallow aquifer. The results indicate that vinyl chloride was the only COC that exceeded its 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-124A (0.003 mg/L). This well has not historically contained concentrations of vinyl chloride that exceeded tier 2 RSK standards.

TCE has historically been reported in samples from MW-204A but was not detected above the Tier 2 RSK standard in samples collected from this well during the most recent sampling event.

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 most recent sampling event. 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, TCE, 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 in samples collected from monitoring wells historically associated with the TMW-127 Area (MW-206B, MW-1B, MW-146B). The concentrations of VC in groundwater exceeding the Tier 2 RSK standard are similar to the pre-redevelopment concentrations. The VC reported in samples from MW-1B have been greater than the Tier 2

¹ Remedial Alternatives Evaluation Report, Former Fairfax I Site, Kansas City, Kansas, GHD Services Inc. Report 33, July 2016, Table A-8.

RSK standard in the past five events but were historically below the standard. The concentrations of VC in intermediate groundwater samples collected from MW-206B are consistent with pre-redevelopment levels. MW-207B has historically contained concentrations of VC that exceeded Tier 2 RSK standards, but VC was not detected in samples collected from this well during the most recent sampling event.

The concentrations of VC detected in intermediate groundwater samples from MW-124B (closer to the river) were reported above the Tier 2 RSK standard in samples collected in January 2021 and July 2021 but were less than laboratory reporting limits in July 2022. The samples collected from this well during the July 2023 sampling event contained concentrations of VC (0.0024 mg/L) that exceeded the Tier 2 RSK standard of 0.002 mg/L and were similar to the concentrations recorded in 2021.

The concentration of cis-1,2 DCE in intermediate groundwater samples from MW-146B was reported above the Tier 2 RSK standard. Cis-1,2 DCE was historically reported at concentrations below the Tier 2 standard in samples from MW-146B prior to redevelopment.

TCE was reported at a concentration exceeding the Tier 2 RSK standard of 0.005 mg/L in samples collected from MW-204B (0.0103 mg/L). This well has historically contained levels of TCE that were below the Tier 2 RSK standard.

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 VC was the only COC that was reported above the Tier 2 RSK standard of 0.002 mg/L. The only deep well that contained VC levels above the Tier 2 RSK standard was MW-207C, with a concentration of 0.0082 mg/L. This well has historically contained concentrations of VC that were below the Tier 2 RSK standard. 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.

6. 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.

The extent of VC has been delineated down-gradient (seasonally) from 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 third consecutive sampling event.

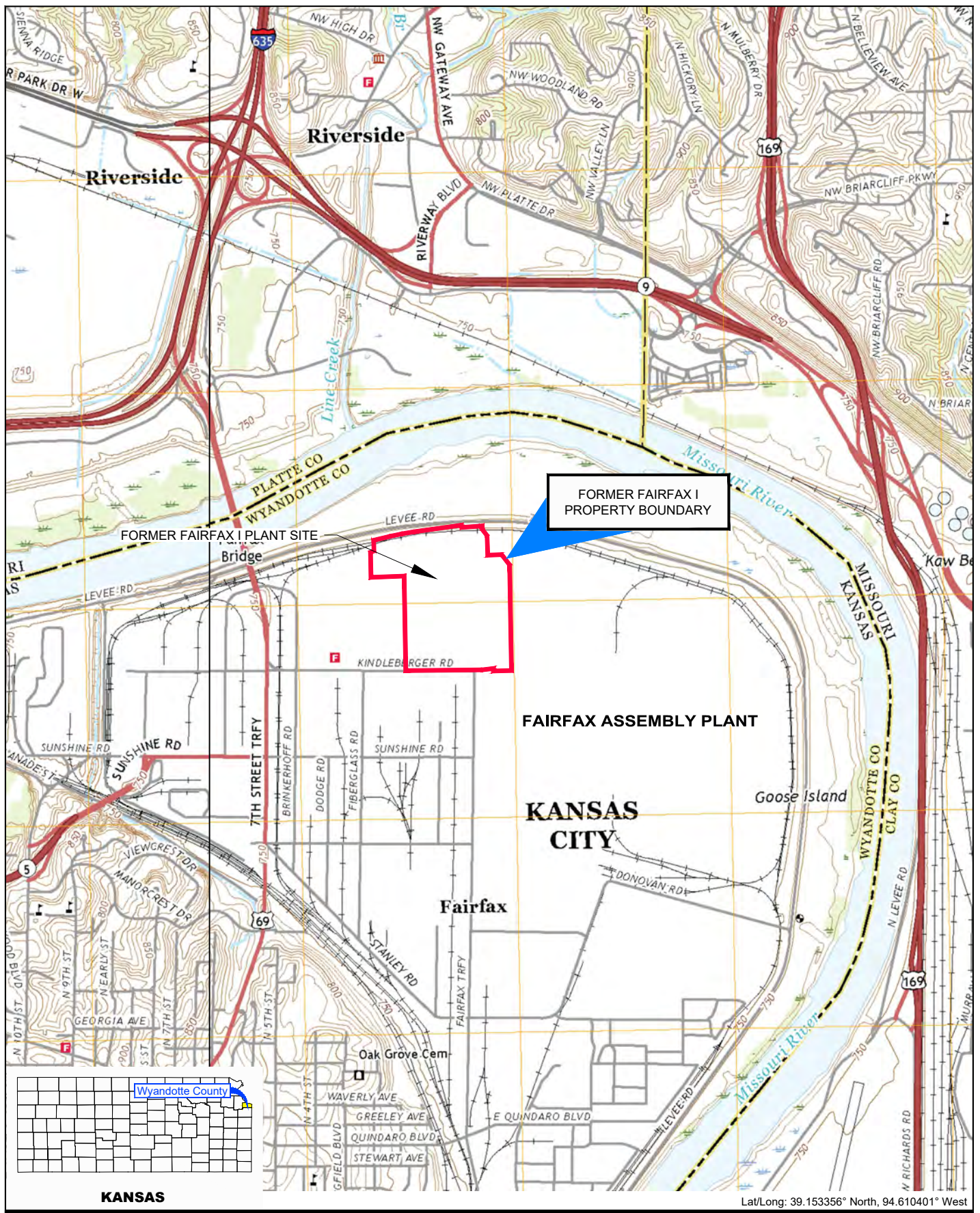
GHD recommends continued implementation of the KDHE-approved Long-Term Groundwater Monitoring Plan. The next long-term groundwater monitoring event is anticipated in July 2024. The implementation schedule in the Long-Term Groundwater Monitoring Plan also includes a 5-Year Review in 2024 to determine whether the remedy at a Site is, or upon completion will be, protective of human health and the environment.

All of Which is Respectfully Submitted,
GHD



Travis Kogl, P.G.

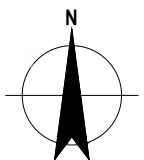
Figures



0 1000 2000 ft

1" = 2000 ft

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

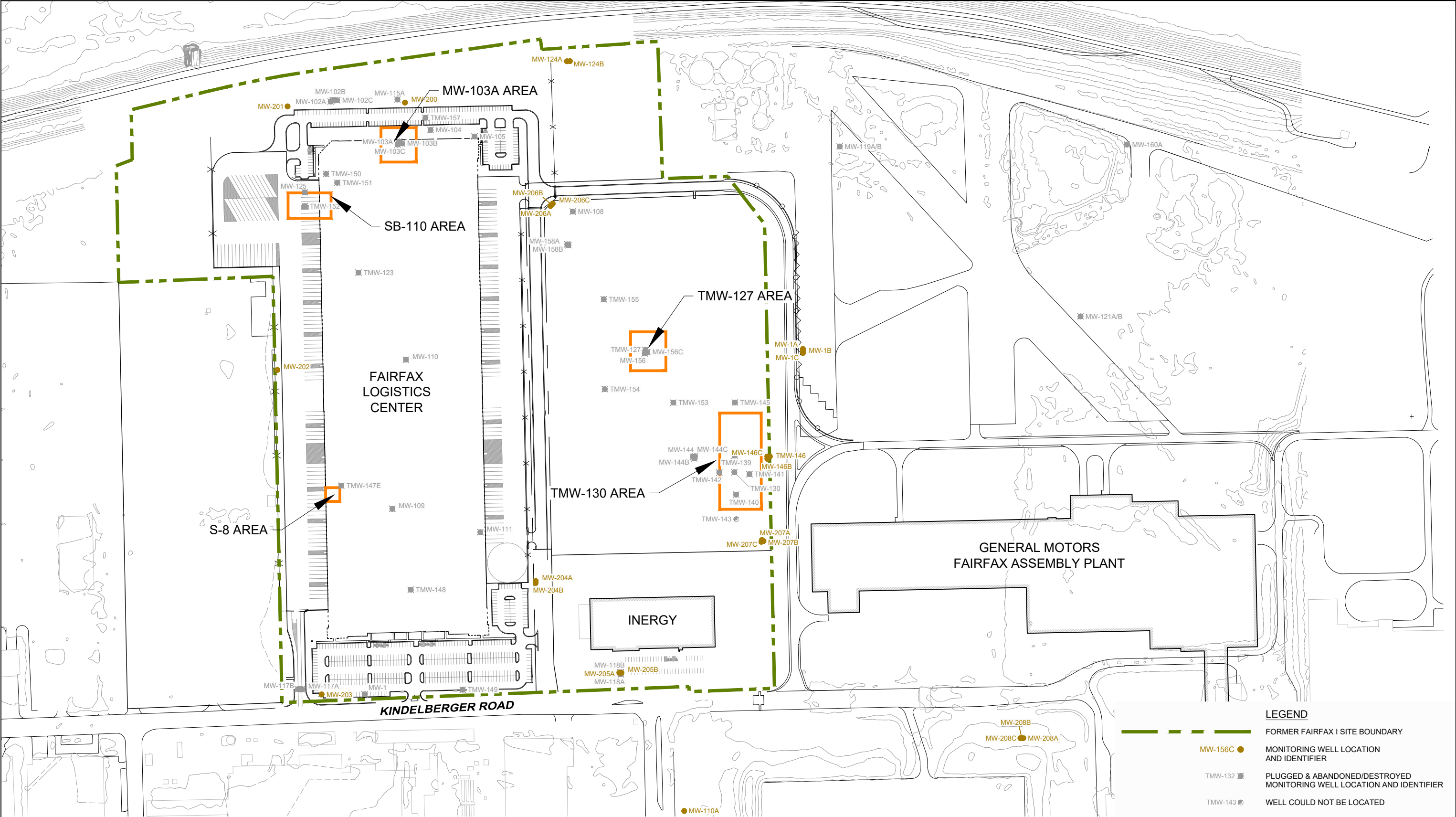


LONG-TERM GROUNDWATER MONITORING REPORT
FORMER FAIRFAX I SITE
KANSAS CITY, KANSAS

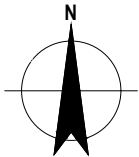
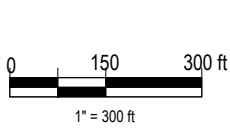
Project No. **12603810**
Date **August 2023**

SITE LOCATION MAP

FIGURE 1



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

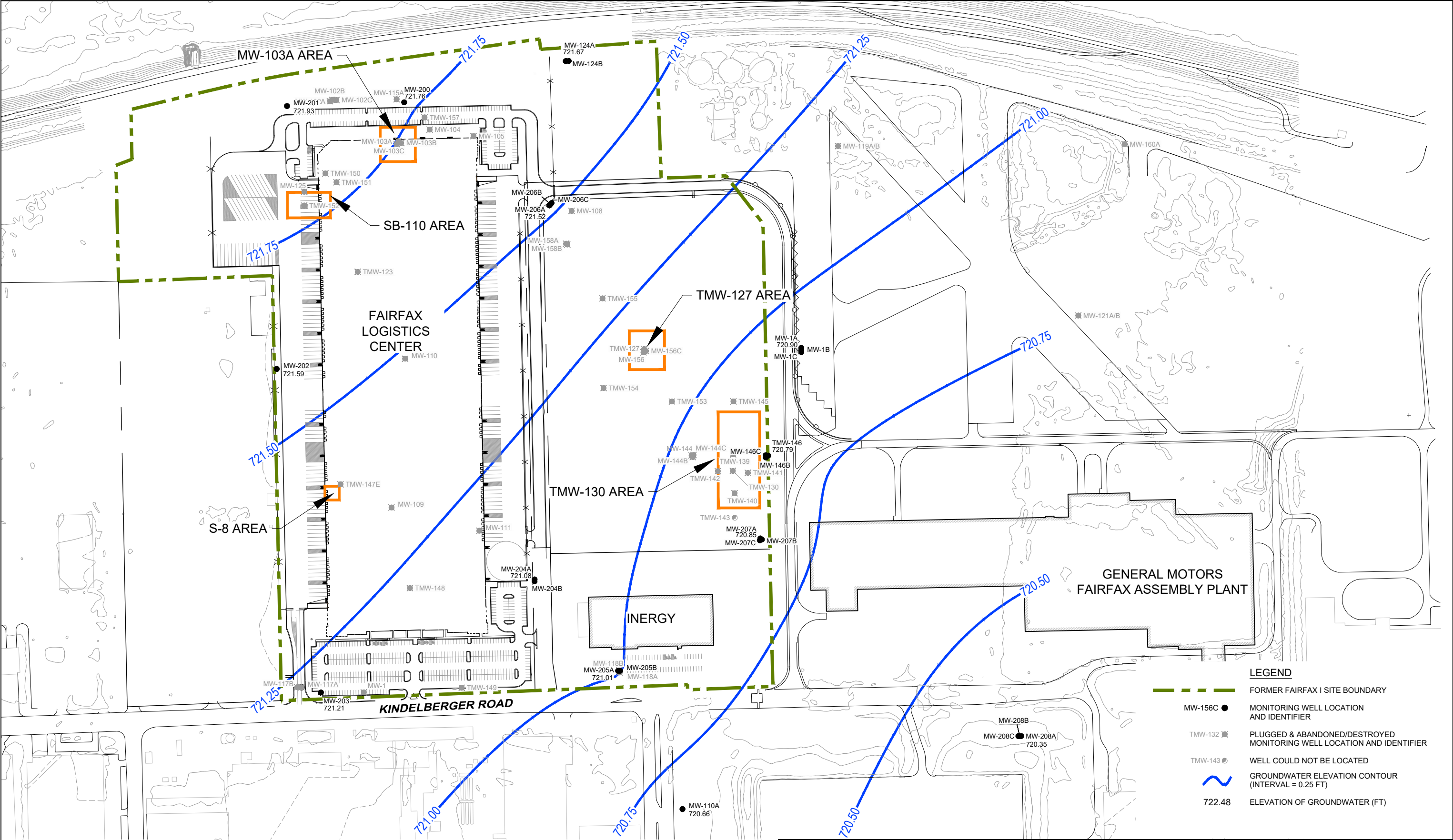


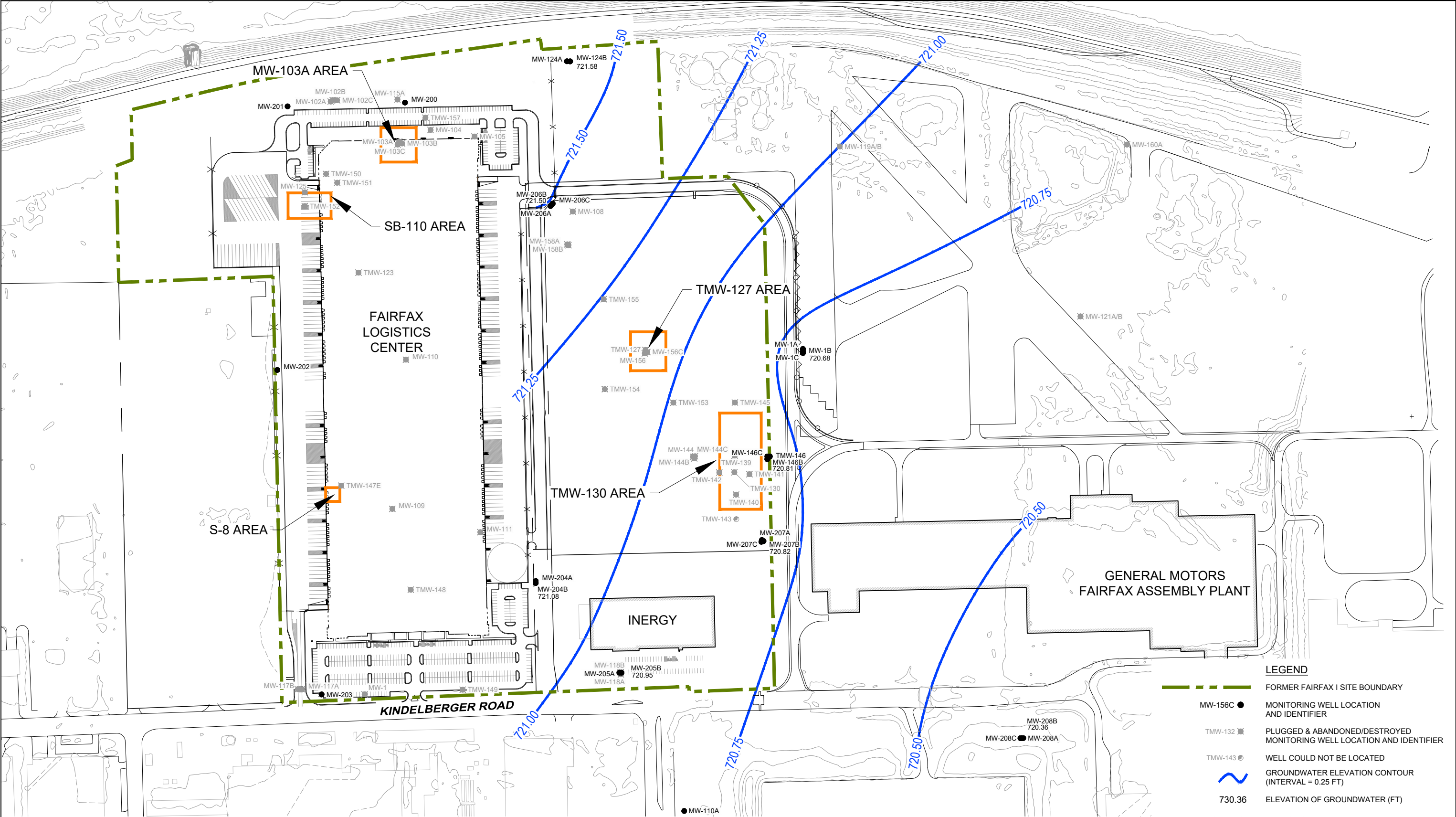
LONG-TERM GROUNDWATER MONITORING REPORT
FORMER FAIRFAX I SITE
KANSAS CITY, KANSAS

Project No. 12603810
Date August 2023

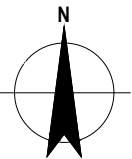
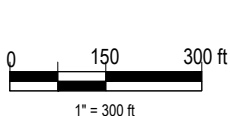
SITE MAP

FIGURE 2





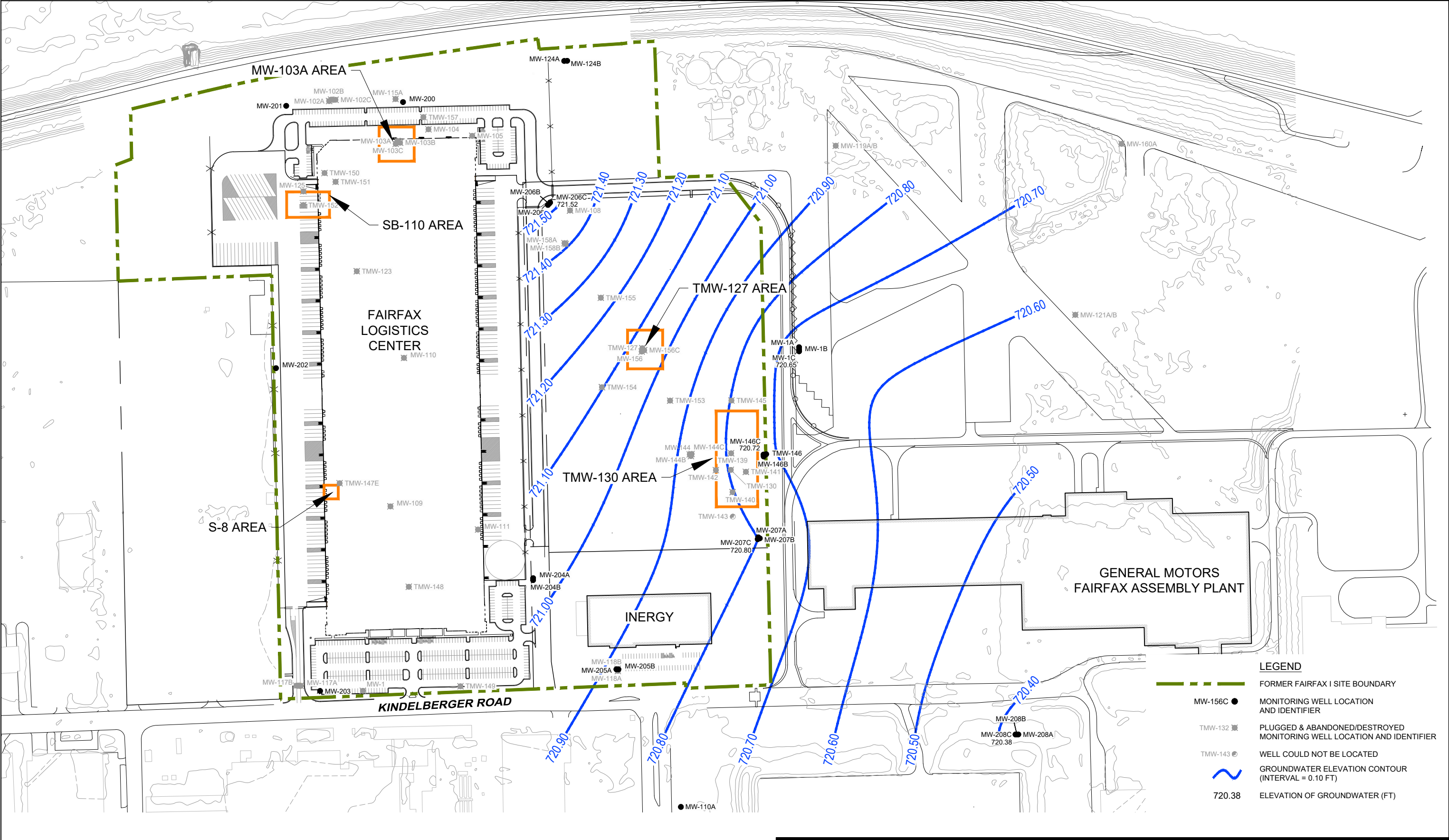
NOTES:
1. GROUNDWATER GRADIENT WAS CALCULATED TO BE <0.01 FT/FT.
2. MONITORING WELLS LOCATED ON GM, LLC PROPERTY: MW-1A, MW-1B, MW-1C MW-208A, MW-208B, MW-208C, AND MW-110A.



LONG-TERM GROUNDWATER MONITORING REPORT
FORMER FAIRFAX I SITE
KANSAS CITY, KANSAS
GROUNDWATER ELEVATION CONTOURS
- INTERMEDIATE AQUIFER
JULY 2023

Project No. 12603810
Date September 2023

FIGURE 4



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.

0150300ft

1" = 300 ft

N

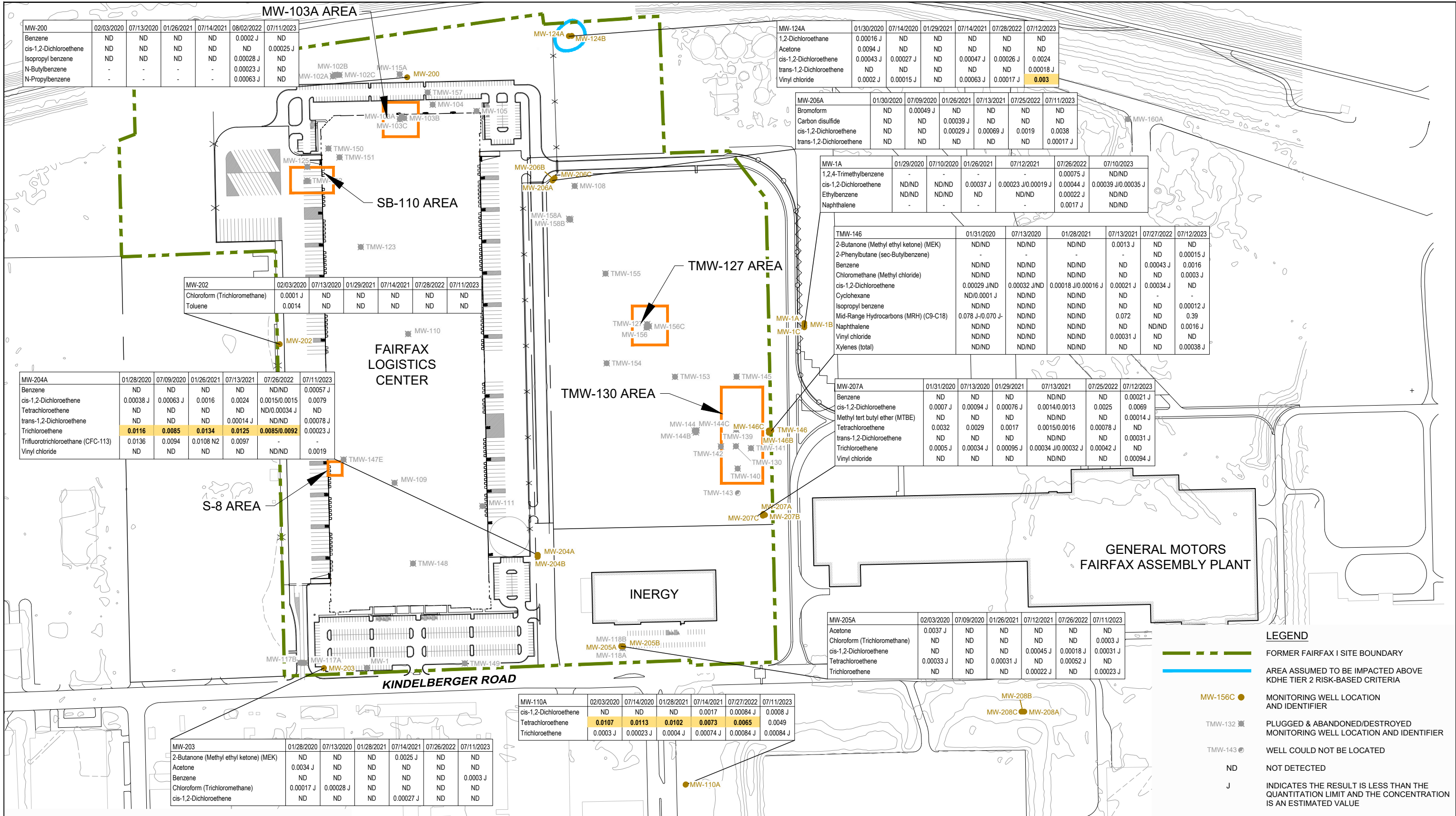
GHD

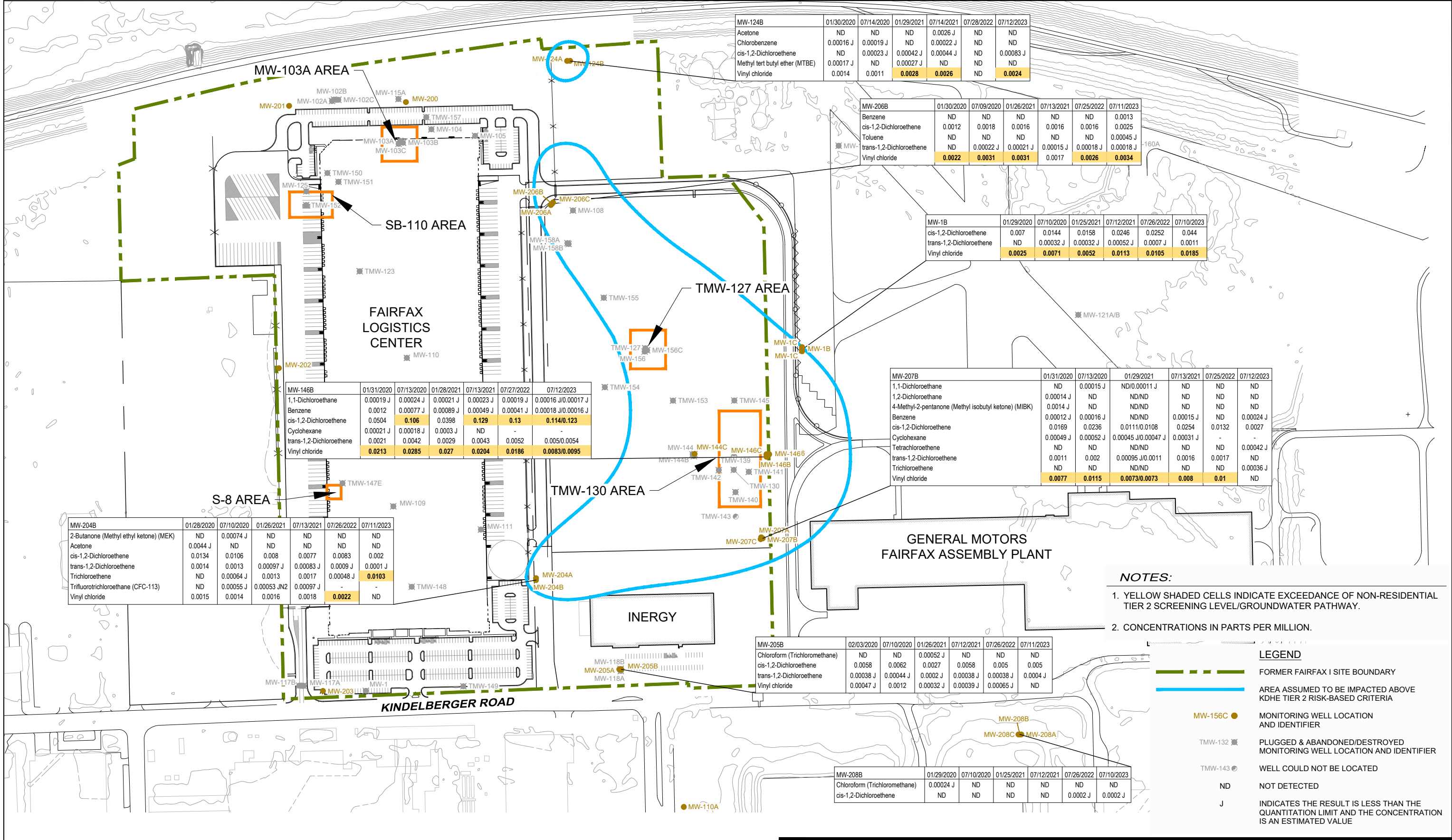
LONG-TERM GROUNDWATER MONITORING REPORT
FORMER FAIRFAX I SITE
KANSAS CITY, KANSAS

GROUNDWATER ELEVATION CONTOURS
- DEEP AQUIFER JULY 2023

Project No. 12603810
Date September 2023

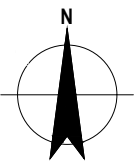
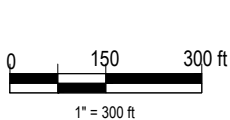
FIGURE 5





NOTES:

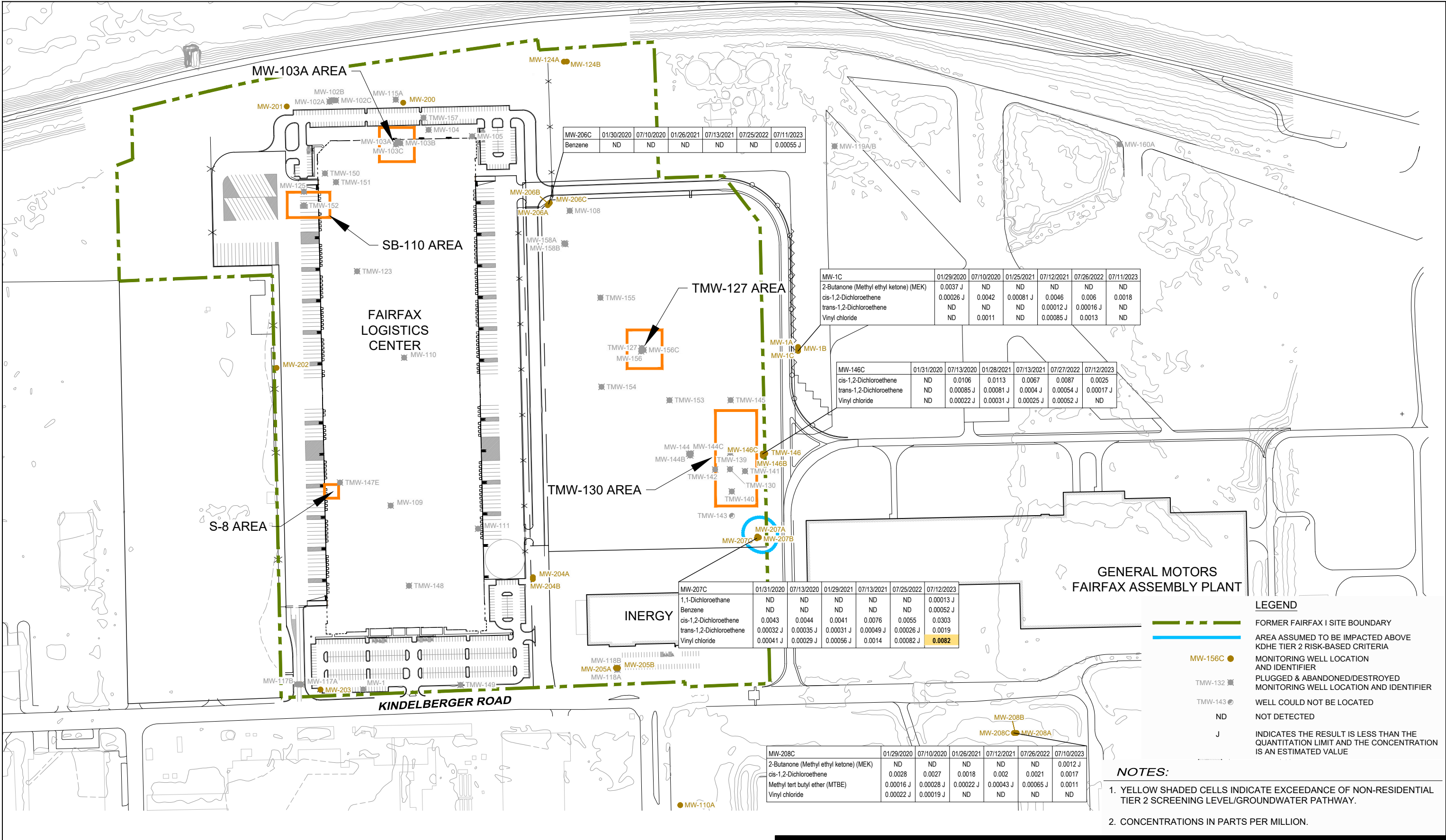
- ONLY DETECTED ANALYTES SHOWN.
- MONITORING WELLS LOCATED ON GM, LLC PROPERTY: MW-1A, MW-1B, MW-1C, MW-208A, MW-208B, MW-208C, AND MW-110A.



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

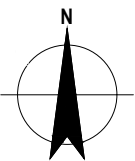
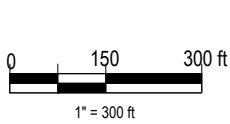
ANALYTICAL RESULTS IN INTERMEDIATE
AQUIFER

Project No. 12603810
Date August 2023



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 2023

FIGURE 8

Tables

Table 1

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

Monitoring Well	Area of Concern	Designation	Completion	Completion Date	Well Material²	Top (ft bgs)³	Bottom (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

ft AMSL - feet above mean sea level

ft bgs - feet below ground surface

PVC - polyvinyl chloride

-- 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-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-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
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
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-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

**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-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-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-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-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-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

Table 2

**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-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-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-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-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-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-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

**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-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-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-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-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-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-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

**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-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

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 01/26/2021	MW-1A WG-071221-NL-001 07/12/2021	MW-1A WG-071221-NL-002 07/12/2021 Duplicate	MW-1A WG-072622-NL-006 07/26/2022	MW-1A WG-071023-CB-004 07/10/2023	MW-1A WG-071023-CB-005 07/10/2023 (Duplicate)
Parameters	Units	Tier 2 Standard										
Petroleum Products												
High-Range Hydrocarbons (HRH)	mg/L	2.5	--	--	--	--	--	--	--	<0.20	--	--
Low-Range Hydrocarbons (LRH)	mg/L	0.95	--	--	--	--	--	--	--	<0.050	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	0.4	--	--	--	--	--	--	--	0.058 J	--	--
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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	11.8	<0.01	<0.01	<0.01	<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	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	4.17	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	45.5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzene	mg/L	0.005	<0.001	<0.001	<0.001	<0.001	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	0.00019 J	0.00044 J	0.00039 J	0.00035 J
cis-1,3-Dichloropropene	mg/L	--	<0.001	<0.001	<0.001	<0.001	<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	<0.001	--	--	--
Dibromochloromethane	mg/L	0.08	<0.001	<0.001	<0.001	<0.001	<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	<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	<0.001	0.00022 J	<0.001	<0.001
Isopropyl benzene	mg/L	0.968	<0.001	<0.001	<0.001	<0.001	<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	<0.001	--	--	--
Methyl cyclohexane	mg/L	--	<0.001	<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	<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	<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	<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	<0.001	<0.001	<0.001	<0.001
Toluene	mg/L	1	<0.001	<0.001	<0.001	<0.001	<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	<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	<0.001	<0.001	<0.001
Trichloroethene	mg/L	0.005	<0.001	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	20.3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	--	--	--
Vinyl chloride	mg/L	0.002	<0.001	<0.001	<0.001	<0.001	<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	<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-1B	MW-1C	MW-1C	MW-1C	MW-1C
Sample ID:		WG-012920-NL-007	WG-071020-NL-007	WG-012521-NL-004	WG-071221-NL-003	WG-072622-NL-004	WG-071023-CB-006	WG-012920-NL-008	WG-071020-NL-005	WG-012521-NL-002	WG-071221-NL-004
Sample Date:		1/29/2020	7/10/2020	01/25/2021	07/12/2021	07/26/2022	07/10/2023	1/29/2020	7/10/2020	01/25/2021	07/12/2021
Parameters	Units										
Petroleum Products											
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	<0.20	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	0.017 J	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	<0.060	--	--	--	--	--
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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	0.0037 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	<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	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 J	<0.01
Benzene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<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	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<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	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.007	0.0144	0.0158	0.0246	0.0252	0.044	0.00026 J	0.0042	0.00081 J	0.0046
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.02	<0.001	<0.001	<0.001	--	--	<0.02	<0.001	<0.001	<0.001
Methyl cyclohexane	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	<0.001	0.00032 J	0.00032 J	0.00052 J	0.0007 J	0.0011	<0.001	<0.001	<0.001	0.00012 J
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001	<0.001	<0.001	<0.001	--	--	<0.001	<0.001	<0.001	<0.001
Vinyl chloride	mg/L	0.0025	0.0071	0.0052	0.0113	0.0105	0.0185	<0.001	0.0011	<0.001	0.00085 J
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<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-1C WG-072622-NL-005 07/26/2022	MW-1C WG-071123-CB-007 07/11/2023	MW-110A WG-020320-NL-028 2/3/2020	MW-110A WG-071420-SM-034 7/14/2020	MW-110A WG-012821-SM-017 01/28/2021	MW-110A WG-071421-NL-013 07/14/2021	MW-110A WG-072722-NL-013 07/27/2022	MW-110A WG-071123-CB-008 07/11/2023	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	<0.20	--	--	--	--	--	<0.20	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	<0.050	--	--	--	--	--	<0.050	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	<0.059	--	--	--	--	--	<0.059	--	--	--
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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01 J	<0.01	<0.01	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01 J	<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	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01 J	<0.01	<0.01	<0.01	0.0094 J	<0.01
Benzene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<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	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<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	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.006	0.0018	<0.001	<0.001	<0.001	0.0017	0.00084 J	0.0008 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	<0.001	<0.001	<0.001
Cyclohexane	mg/L	--	--	<0.001	<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	<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	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Methyl acetate	mg/L	--	--	<0.02	<0.001	<0.001	<0.001	--	--	<0.02	<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	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Styrene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	0.00016 J	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	0.0003 J	0.00023 J	0.0004 J	0.00074 J	0.00084 J	0.00084 J	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	--	--	<0.001	<0.001	<0.001	<0.001	--	--	<0.001	<0.001
Vinyl chloride	mg/L	0.0013	<0.001	<0.001	<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	<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 01/29/2021	MW-124A WG-071421-SM-014 07/14/2021	MW-124A WG-072822-NL-014 07/28/2022	MW-124A WG-071223-CB-017 07/12/2023	MW-124B WG-013020-NL-015 1/30/2020	MW-124B WG-071420-SM-030 7/14/2020	MW-124B WG-012921-SM-026 01/29/2021	MW-124B WG-071421-SM-013 07/14/2021	MW-124B WG-072822-NL-015 07/28/2022	MW-124B WG-071223-CB-018 07/12/2023
Parameters	Units										
Petroleum Products											
High-Range Hydrocarbons (HRH)	mg/L	--	--	<0.20	--	--	--	--	--	<0.20	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	<0.050	--	--	--	--	--	<0.050	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	<0.060	--	--	--	--	--	<0.061	--
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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<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	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.0026 J	<0.01	<0.01
Benzene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<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	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<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	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	0.00016 J	0.00019 J	<0.001	0.00022 J	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.001	<0.001	<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	<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	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	<0.001	0.00047 J	0.00026 J	0.0024	<0.001	0.00023 J	0.00042 J	0.00044 J	<0.001	0.00083 J
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	--	--
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.001	<0.001	--	--	<0.02	<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	<0.001	<0.001	<0.001	<0.001	0.00017 J	<0.001	0.00027 J	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	<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	<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	<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	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001	<0.001	--	--	<0.001	<0.001	<0.001	<0.001	--	--
Vinyl chloride	mg/L	<0.001	0.00063 J	0.00017 J	0.003	0.0014	0.0011	0.0028	0.0026	<0.001	0.0024
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<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-146B	MW-146B	MW-146B	MW-146B	MW-146B	MW-146B	MW-146B	MW-146C	MW-146C	MW-146C
Sample ID:		WG-013120-NL-018	WG-071320-SM-024	WG-012821-NL-018	WG-071321-NL-005	WG-072722-NL-010	WG-071223-CB-014	WG-071223-CB-015	WG-013120-NL-017	WG-071320-SM-022	WG-012821-NL-016
Sample Date:		1/31/2020	7/13/2020	01/28/2021	07/13/2021	07/27/2022	07/12/2023	07/12/2023 (Duplicate)	1/31/2020	7/13/2020	01/28/2021
Parameters	Units										
Petroleum Products											
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	<0.20	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	0.086	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	<0.059	--	--	--	--	--
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	<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	<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	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	0.00019 J	0.00024 J	0.00021 J	0.00023 J	0.00019 J	0.00016 J	0.00017 J	<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	<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	<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	<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	<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	<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	<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	<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	<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	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	<0.01 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01 J	<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	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01	<0.01 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzene	mg/L	0.0012	0.00077 J	0.00089 J	0.00049 J	0.00041 J	0.00018 J	0.00016 J	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<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	<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	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<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	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.0504	0.106	0.0398	0.129	0.13	0.114	0.123	<0.001	0.0106	0.0113
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	0.00021 J	0.00018 J	0.0003 J	<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	<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	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.02	<0.001	<0.001	<0.001	--	--	--	<0.02	<0.001	<0.001
Methyl cyclohexane	mg/L	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	0.0021	0.0042	0.0029	0.0043	0.0052	0.005	0.0054	<0.001	0.00085 J	0.00081 J
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001	<0.001	<0.001	<0.001	--	--	--	<0.001	<0.001	<0.001
Vinyl chloride	mg/L	0.0213	0.0285	0.027	0.0204	0.0186	0.0083	0.0095	<0.001	0.00022 J	0.00031 J
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<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-146C WG-071321-NL-006 07/13/2021	MW-146C WG-072722-NL-011 07/27/2022	MW-146C WG-071223-CB-016 07/12/2023	MW-200 WG-020320-NL-026 2/3/2020	MW-200 WG-071320-NL-017 7/13/2020	MW-200 WG-012621-SM-013 01/26/2021	MW-200 WG-071421-NL-010 07/14/2021	MW-200 WG-080222-NL-015 08/02/2022	MW-200 WG-071123-CB-009 07/11/2023	MW-201 WG-012820-NL-004 1/28/2020
Parameters	Units									
Petroleum Products										
High-Range Hydrocarbons (HRH)	mg/L	--	<0.20	--	--	--	--	<0.20	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	<0.050	--	--	--	--	<0.050	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	<0.060	--	--	--	--	<0.060	--	--
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	<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	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<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	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<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	<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	<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	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<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	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<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	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<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	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<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	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01	<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	0.0002 J	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<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	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<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	<0.005	<0.005
Carbon tetrachloride	mg/L	<0.001	<0.001	<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	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.001	<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	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.0067	0.0087	0.0025	<0.001	<0.001	<0.001	<0.001	0.00025 J	<0.001
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<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	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.001	<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	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00028 J	<0.001	<0.001
Methyl acetate	mg/L	<0.001	--	--	<0.02	<0.001	<0.001	--	--	<0.02
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	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<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	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<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	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	0.0004 J	0.00054 J	0.00017 J	<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	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001	--	--	<0.001	<0.001	<0.001	--	--	<0.001
Vinyl chloride	mg/L	0.00025 J	0.00052 J	<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	<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-201 WG-071320-NL-019 7/13/2020	MW-201 WG-012821-SM-019 01/28/2021	MW-201 WG-071421-SM-015 07/14/2021	MW-201 WG-072522-PL-004 07/25/2022	MW-201 WG-071123-CB-010 07/11/2023	MW-202 WG-020320-NL-027 2/3/2020	MW-202 WG-071320-NL-021 7/13/2020	MW-202 WG-012921-SM-028 01/29/2021	MW-202 WG-071421-NL-011 07/14/2021	MW-202 WG-072822-NL-016 07/28/2022
Parameters	Units										
Petroleum Products											
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	<0.20	--	--	--	--	--	<0.20
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	<0.050	--	--	--	--	--	<0.050
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	<0.060	--	--	--	--	--	<0.061
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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01 J	<0.01	<0.01 J	<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	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01 J	<0.01	<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	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<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	<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	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<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	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.0001 J	<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	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Cyclohexane	mg/L	<0.001	<0.001	<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	<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	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.001	<0.001	<0.001	--	--	<0.02	<0.001	<0.001	<0.001	--
Methyl cyclohexane	mg/L	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	<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	0.0014	<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	<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	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<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-071123-PL-005 07/11/2023	MW-203 WG-012820-NL-003 1/28/2020	MW-203 WG-071320-NL-015 7/13/2020	MW-203 WG-012821-SM-015 01/28/2021	MW-203 WG-071421-NL-012 07/14/2021	MW-203 WG-072622-PL-005 07/26/2022	MW-203 WG-071123-PL-004 07/11/2023	MW-204A WG-012820-NL-001 1/28/2020	MW-204A WG-070920-SM-002 7/9/2020	MW-204A WG-012621-NL-010 01/26/2021
Parameters	Units									
Petroleum Products										
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	<0.20	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	<0.050	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	<0.061	--	--	--	--
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	<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	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<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	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<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	<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	<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	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<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	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<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	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<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	0.0025 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	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	0.0034 J	<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	0.0003 J	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<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	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<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	<0.005	<0.005
Carbon tetrachloride	mg/L	<0.001	<0.001	<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	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	0.00017 J	<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	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	0.00027 J	<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	0.00038 J	0.00063 J	0.0016
Cyclohexane	mg/L	--	<0.001	<0.001	<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	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<0.001	<0.001	<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	<0.001	<0.001
Isopropyl benzene	mg/L	<0.001	<0.001	<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	--	<0.02	<0.001	<0.001
Methyl cyclohexane	mg/L	--	<0.001	<0.001	<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	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<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	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<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	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	<0.001	<0.001	<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	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0116	0.0085	0.0134
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	--	<0.001	<0.001	<0.001	<0.001	--	0.0136	0.0094	0.0108
Vinyl chloride	mg/L	<0.001	<0.001	<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	<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-071321-NL-008 07/13/2021	MW-204A WG-072622-PL-006 07/26/2022	MW-204A WG-072622-PL-007 07/26/2022 Duplicate	MW-204A WG-071123-PL-007 07/11/2023	MW-204B WG-012820-NL-002 1/28/2020	MW-204B WG-071020-SM-012 7/10/2020	MW-204B WG-012621-NL-008 01/26/2021	MW-204B WG-071321-NL-009 07/13/2021	MW-204B WG-072622-PL-008 07/26/2022	MW-204B WG-071123-PL-006 07/11/2023
Parameters	Units										
Petroleum Products											
High-Range Hydrocarbons (HRH)	mg/L	--	<0.20	<0.20	--	--	--	--	--	<0.20	--
Low-Range Hydrocarbons (LRH)	mg/L	--	0.012 J	0.012 J	--	--	--	--	--	<0.050	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	0.057 J	<0.060	--	--	--	--	--	0.056 J	--
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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	0.00074 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	<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	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01	<0.01	<0.01	0.0044 J	<0.01	<0.01	<0.01	<0.01	<0.01
Benzene	mg/L	<0.001	<0.001	<0.001	0.00057 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	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<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	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<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	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.0024	0.0015	0.0015	0.0079	0.0134	0.0106	0.008	0.0077	0.0083	0.002
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<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	<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	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.001	--	--	--	<0.02	<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	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	0.00034 J	<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	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	0.00014 J	<0.001	<0.001	0.00078 J	0.0014	0.0013	0.00097 J	0.00083 J	0.0009 J	0.0001 J
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	0.0125	0.0085	0.0092	0.00023 J	<0.001	0.00064 J	0.0013	0.0017	0.00048 J	0.0103
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	0.0097	--	--	--	<0.001	0.00055 J	0.00053 J	0.00097 J	--	--
Vinyl chloride	mg/L	<0.001	<0.001	<0.001	0.0019	0.0015	0.0014	0.0016	0.0018	0.0022	<0.001
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<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-020320-NL-025 2/3/2020	MW-205A WG-070920-SM-004 7/9/2020	MW-205A WG-012621-NL-012 01/26/2021	MW-205A WG-071221-SM-004 07/12/2021	MW-205A WG-072622-PL-009 07/26/2022	MW-205A WG-071123-CB-011 07/11/2023	MW-205B WG-020320-NL-024 2/3/2020	MW-205B WG-071020-SM-014 7/10/2020	MW-205B WG-012621-NL-014 01/26/2021	MW-205B WG-071221-SM-005 07/12/2021
Parameters	Units										
Petroleum Products											
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	<0.20	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	<0.050	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	<0.060	--	--	--	--	--
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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<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	<0.01	<0.01	<0.01
Acetone	mg/L	0.0037 J	<0.01	<0.01	<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	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<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	<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	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<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	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.0003 J	<0.001	<0.001	0.00052 J	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.001	<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	0.00045 J	0.00018 J	0.00031 J	0.0058	0.0062	0.0027	0.0058
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.02	<0.001	<0.001	<0.001	--	--	<0.02	<0.001	<0.001	<0.001
Methyl cyclohexane	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	0.00033 J	<0.001	0.00031 J	<0.001	0.00052 J	<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	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00038 J	0.00044 J	0.0002 J	0.00038 J
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	0.00022 J	<0.001	0.00023 J	<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	<0.001	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001	<0.001	<0.001	<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	0.00047 J	0.0012	0.00032 J	0.00039 J
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<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-205B WG-072622-PL-010 07/26/2022	MW-205B WG-071123-CB-012 07/11/2023	MW-206A WG-013020-NL-013 1/30/2020	MW-206A WG-070920-NL-001 7/9/2020	MW-206A WG-012621-SM-007 01/26/2021	MW-206A WG-071321-SM-010 07/13/2021	MW-206A WG-072522-PL-001 07/25/2022	MW-206A WG-071123-PL-003 07/11/2023	MW-206B WG-013020-NL-012 1/30/2020	MW-206B WG-070920-NL-003 7/9/2020
Parameters	Units									
Petroleum Products										
High-Range Hydrocarbons (HRH)	mg/L	<0.20	--	--	--	--	<0.20	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	<0.050	--	--	--	--	<0.050	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	0.055 J	--	--	--	--	0.058 J	--	--	--
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	<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	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<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	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<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	<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	<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	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<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	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<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	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<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	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<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	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01	<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	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<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	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<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	0.00039 J	<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	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<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	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<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	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.005	0.005	<0.001	<0.001	0.00029 J	0.00069 J	0.0019	0.0038	0.0012
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<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	<0.001
Dibromochloromethane	mg/L	<0.001	<0.001	<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	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<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	<0.001	<0.001
Methyl acetate	mg/L	--	--	<0.02	<0.001	<0.001	<0.001	--	<0.02	<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	<0.001	<0.001	<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	<0.001	<0.001
Styrene	mg/L	<0.001	<0.001	<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	<0.001	<0.001
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	0.00038 J	0.0004 J	<0.001	<0.001	<0.001	<0.001	0.00017 J	<0.001	0.00022 J
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<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	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	--	--	<0.001	<0.001	<0.001	<0.001	--	<0.001	<0.001
Vinyl chloride	mg/L	0.00065 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0022	0.0031
Xylenes (total)	mg/L	<0.003	<0.003	<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-206B WG-012621-SM-009 01/26/2021	MW-206B WG-071321-SM-011 07/13/2021	MW-206B WG-072522-PL-002 07/25/2022	MW-206B WG-071123-PL-002 07/11/2023	MW-206C WG-013020-NL-011 1/30/2020	MW-206C WG-071020-NL-013 7/10/2020	MW-206C WG-012621-SM-011 01/26/2021	MW-206C WG-071321-SM-012 07/13/2021	MW-206C WG-072522-PL-003 07/25/2022	MW-206C WG-071123-PL-001 07/11/2023
Parameters	Units										
Petroleum Products											
High-Range Hydrocarbons (HRH)	mg/L	--	--	<0.20	--	--	--	--	--	<0.20	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	<0.050	--	--	--	--	--	<0.050	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	<0.061	--	--	--	--	--	0.059 J	--
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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<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	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzene	mg/L	<0.001	<0.001	<0.001	0.0013	<0.001	<0.001	<0.001	<0.001	<0.001	0.00055 J
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<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	<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	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<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	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.0016	0.0016	0.0016	0.0025	<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	<0.001	<0.001	<0.001
Cyclohexane	mg/L	<0.001	<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	<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	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.001	<0.001	--	--	<0.02	<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	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Styrene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Toluene	mg/L	<0.001	<0.001	<0.001	0.00045 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	0.00021 J	0.00015 J	0.00018 J	0.00018 J	<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	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001	<0.001	--	--	<0.001	<0.001	<0.001	<0.001	--	--
Vinyl chloride	mg/L	0.0031	0.0017	0.0026	0.0034	<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	<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-013120-NL-023 1/31/2020	MW-207A WG-071320-SM-016 7/13/2020	MW-207A WG-012921-SM-021 01/29/2021	MW-207A WG-071321-SM-006 07/13/2021	MW-207A WG-071321-SM-007 07/13/2021 Duplicate	MW-207A WG-072522-NL-003 07/25/2022	MW-207A WG-071223-PL-010 07/12/2023	MW-207B WG-013120-NL-022 1/31/2020	MW-207B WG-071320-SM-020 7/13/2020	MW-207B WG-012921-SM-025 01/29/2021
Parameters	Units										
Petroleum Products											
High-Range Hydrocarbons (HRH)	mg/L	<0.20 J	<0.20	<0.20	<0.20	<0.20	<0.20	<0.19	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	<0.050	<0.050	<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	<0.060	<0.058	--	--	--
SVOCs - SIM											
Naphthalene	mg/L	<0.00045	<0.00048	<0.0005	<0.0005	<0.0005	<0.00048	<0.10	--	--	--
VOCs											
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<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	<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	<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	<0.001	0.00015 J	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<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	<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	<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	<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	<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	0.00014 J	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<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	<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	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	<0.01 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 J
2-Hexanone	mg/L	<0.01	<0.01	<0.01 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 J
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.0014 J	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01	<0.01 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 J
Benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00021 J	0.00012 J	0.00016 J	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<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	<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	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<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	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.0007 J	0.00094 J	0.00076 J	0.0014	0.0013	0.0025	0.0069	0.0169	0.0236	0.0111
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<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	--	--	0.00049 J	0.00052 J	0.00045 J
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.02	<0.001	<0.001	<0.001	<0.001	--	--	<0.02	<0.001	<0.001
Methyl cyclohexane	mg/L	<0.001	<0.001	<0.001	<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	0.00014 J	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	0.0032	0.0029	0.0017	0.0015	0.0016	0.00078 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	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00031 J	0.0011	0.002	0.00095 J
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	0.0005 J	0.00034 J	0.00095 J	0.00034 J	0.00032 J	0.00042 J	<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	<0.001	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001	<0.001	<0.001	<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	0.00094 J	0.0077	0.0115	0.0073
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<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-207B WG-071321-SM-009 07/13/2021	MW-207B WG-072522-NL-002 07/25/2022	MW-207B WG-071223-PL-009 07/12/2023	MW-207C WG-013120-NL-021 1/31/2020	MW-207C WG-071320-SM-018 7/13/2020	MW-207C WG-012921-SM-023 01/29/2021	MW-207C WG-071321-SM-008 07/13/2021	MW-207C WG-072522-NL-001 07/25/2022	MW-207C WG-071223-PL-008 07/12/2023	MW-208A WG-012920-NL-009 1/29/2020
Parameters	Units									
Petroleum Products										
High-Range Hydrocarbons (HRH)	mg/L	--	0.17 J	--	--	--	--	<0.20	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	<0.050	--	--	--	--	<0.050	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	<0.060	--	--	--	--	<0.060	--	--
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	<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	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	<0.001	<0.001	<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	0.00013 J	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<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	<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	<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	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	<0.001	<0.001	<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	<0.001	<0.001
1,2-Dichloropropane	mg/L	<0.001	<0.001	<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	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<0.001	<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 J	<0.01	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01 J	<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	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01 J	<0.01	<0.01	<0.01	<0.01
Benzene	mg/L	0.00015 J	<0.001	0.00024 J	<0.001	<0.001	<0.001	<0.001	0.00052 J	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<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	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<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	<0.005	<0.005
Carbon tetrachloride	mg/L	<0.001	<0.001	<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	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.001	<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	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.0254	0.0132	0.0027	0.0043	0.0044	0.0076	0.0055	0.0303	<0.001
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<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	--	--	<0.001
Dibromochloromethane	mg/L	<0.001	<0.001	<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	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<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	<0.001	<0.001
Methyl acetate	mg/L	<0.001	--	--	<0.02	<0.001	<0.001	--	--	<0.02
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	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<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	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	0.00042 J	<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	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	0.0016	0.0017	<0.001	0.00032 J	0.00035 J	0.00031 J	0.00049 J	0.00026 J	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<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	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	0.008	0.01	<0.001	0.00041 J	0.00029 J	0.00056 J	0.00082 J	0.0082	<0.001
Xylenes (total)	mg/L	<0.003	<0.003	<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-071020-SM-006 7/10/2020	MW-208A WG-012521-SM-001 01/25/2021	MW-208A WG-071221-SM-001 07/12/2021	MW-208A WG-072622-NL-009 07/26/2022	MW-208A WG-071023-CB-001 07/10/2023	MW-208B WG-012920-NL-016 1/29/2020	MW-208B WG-071020-SM-008 7/10/2020	MW-208B WG-012521-SM-003 01/25/2021	MW-208B WG-071221-SM-002 07/12/2021	MW-208B WG-072622-NL-008 07/26/2022
Parameters	Units										
Petroleum Products											
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	<0.20	--	--	--	--	--	<0.20
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	<0.050	--	--	--	--	--	<0.050
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	<0.060	--	--	--	--	--	<0.060
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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<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	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01	<0.01	<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	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<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	<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	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<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	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.00024 J	<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	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0002 J
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	--
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.001	<0.001	<0.001	--	--	<0.02	<0.001	<0.001	<0.001	--
Methyl cyclohexane	mg/L	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	<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	<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	<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	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<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-071023-CB-002 07/10/2023	MW-208C WG-012920-NL-010 1/29/2020	MW-208C WG-071020-SM-010 7/10/2020	MW-208C WG-012621-SM-005 01/26/2021	MW-208C WG-071221-SM-003 07/12/2021	MW-208C WG-072622-NL-007 07/26/2022	MW-208C WG-071023-CB-003 07/10/2023	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	--	<0.20 J	<0.20 J	<0.20
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	<0.050	--	<0.050	<0.050	<0.050
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	<0.059	--	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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	0.0012 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	<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	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01	<0.01	<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	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<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	<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	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<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	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.0002 J	0.0028	0.0027	0.0018	0.002	0.0021	0.0017	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	<0.001	<0.001	<0.001
Cyclohexane	mg/L	--	<0.001	<0.001	<0.001	<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	<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	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Methyl acetate	mg/L	--	<0.02	<0.001	<0.001	<0.001	--	--	<0.02	<0.02	<0.001
Methyl cyclohexane	mg/L	--	<0.001	<0.001	<0.001	<0.001	--	--	<0.001	<0.001	<0.001
Methyl tert butyl ether (MTBE)	mg/L	<0.001	0.00016 J	0.00028 J	0.00022 J	0.00043 J	0.00065 J	0.0011	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	<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	<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	<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	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	--	<0.001	<0.001	<0.001	<0.001	--	--	<0.001	<0.001	<0.001
Vinyl chloride	mg/L	<0.001	0.00022 J	<0.001	<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	<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:		TMW-146 WG-071320-SM-028 7/13/2020 Duplicate	TMW-146 WG-012821-NL-020 01/28/2021	TMW-146 WG-012821-NL-022 01/28/2021 Duplicate	TMW-146 WG-071321-NL-007 07/13/2021	TMW-146 WG-072722-NL-012 07/27/2022	TMW-146 WG-071223-CB-013 07/12/2023
Parameters	Units						
Petroleum Products							
High-Range Hydrocarbons (HRH)	mg/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.19
Low-Range Hydrocarbons (LRH)	mg/L	<0.050	<0.050	<0.050	<0.050UJ	<0.050	<0.050
Mid-Range Hydrocarbons (MRH)	mg/L	<0.060	<0.059	<0.060	0.072	<0.060	0.39
SVOCs - SIM							
Naphthalene	mg/L	<0.00050	<0.00053	<0.00053	<0.0005	<0.00048	<0.010
VOCs							
1,1,1-Trichloroethane	mg/L	<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
1,1,2-Trichloroethane	mg/L	<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
1,1-Dichloroethene	mg/L	<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
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<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
1,2-Dichlorobenzene	mg/L	<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
1,2-Dichloropropane	mg/L	<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	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01 J	<0.01 J	0.0013 J	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01 J	<0.01 J	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01 J	<0.01 J	<0.01	<0.01	<0.01
Benzene	mg/L	<0.001	<0.001	<0.001	<0.001	0.00043 J	0.0016
Bromodichloromethane	mg/L	<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
Bromomethane (Methyl bromide)	mg/L	<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
Carbon tetrachloride	mg/L	<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
Chloroethane	mg/L	<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
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.0003 J
cis-1,2-Dichloroethene	mg/L	<0.001	0.00018 J	0.00016 J	0.00021 J	0.00034 J	<0.001
cis-1,3-Dichloropropene	mg/L	<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
Dichlorodifluoromethane (CFC-12)	mg/L	<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
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.00012 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
Methylene chloride	mg/L	<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
Tetrachloroethene	mg/L	<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
trans-1,2-Dichloroethene	mg/L	<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	<0.001	<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
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001	<0.001	<0.001	<0.001	--	--
Vinyl chloride	mg/L	<0.001	<0.001	<0.001	0.00031 J	<0.001	<0.001
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	0.00038 J

Footnotes:
J - Estimated concentration.
R - Rejected.
< - Not detected at the associated reporting limit.

Appendices

Appendix A

Field Documentation

Location Kansas City, KS Date 7/10/23
Project / Client RACER Fairfax GIN sampling
12603810 Sunny, mid-80s

- 1030 PL + Calvin Bernus on-site
finding GM entrance, spoke
to Roy who said not to
worry about video if we're
not coming into plant
- 1115 met Roy @ truck entrance,
Calvin going to gauge and
sample GM wells, PL to
gauge all other wells
- 1130 TGS conducted
- 1400 PL finished gauging, CB reported one
of the submersible pumps stopped
working (V112K50X)
PL on standby
- 1700 requested, made plan for next
day, CB fixed pump
- 1730 CB off-site
- 1800 PL off-site

PL

Location Kansas City, KSDate 7/10/23

51

Project / Client RACER Fairfax GW Sampling

208C — 23.69 TD = 90.94 CB

MN ID	DTP	DTN	NOTES
1A	—	25.90	TD = 37.31 CB
1B	—	25.02	TD = 87.05 CB
1C	—	26.07	TD = 7102 CB
124A	—	26.79	1554
124B	—	26.75	1554
110A	—	24.05	1747
TNN-14U	—	25.34	1352
NN-14UB	—	25.02	1355
144C	—	25.90	1353
200	—	22.76	1510; water above casing, had to drain
201	—	24.69	1453
202	—	22.37	1530
203	—	23.18	1238
204A	—	24.68	1246
204B	—	24.72	1248
205A	—	23.83	1423; water above casing, had to drain
205B	—	23.99	1421
206A	—	23.33	1319; water above casing, had to drain
206B	—	23.33	1317
206C	—	23.34	1314
207A	—	25.77	1335
207B	—	25.81	1339
207C	—	25.77	1341
208A	—	23.81	24.65 CB
208B	—	23.67	59.51 CB

208 PL

Rite in the rain

Location Kansas City, KSDate 7/11/23Project / Client RACER Fairfax GIN Sampling12603810Sunny, mid-80s/low
chance of thunder
storms starting
@ 14:00

0803 PL on-site

0814 CB on-site

TGS conducted

Went over plan for day

0825 Splitting up to start sampling

0834 @ MN-200 A/B/C

A = 23.28

Sample: 1235

B = 23.29

Sample: 1122

C = 23.31

Sample: 0955

~~calibrated meter~~ PLwas told by CB these meters
don't require calibration

1503 @ MN-203

DNV: 23.12

Sample time: 1555

1604 @ MN-202

CB waiting to WU, PL parked
just outside for power source

1747 @ MN-204 A/B

A = 24.62

Sample: 1930

B = 24.69

Sample: 1850

1945 PL + CB off-site

PL

Location Kansas City, KS Date 7/12/23 53
Project / Client RACER Fairfax GWS Sampling
12003810 Sun/rain, mid-90's

0818 PL+CB on-site

TGS conducted

Went over plan for day

0900 @ MN-207 A/B/C

A = 25.13

Sample: 1155

B = 25.11

Sample: 1115

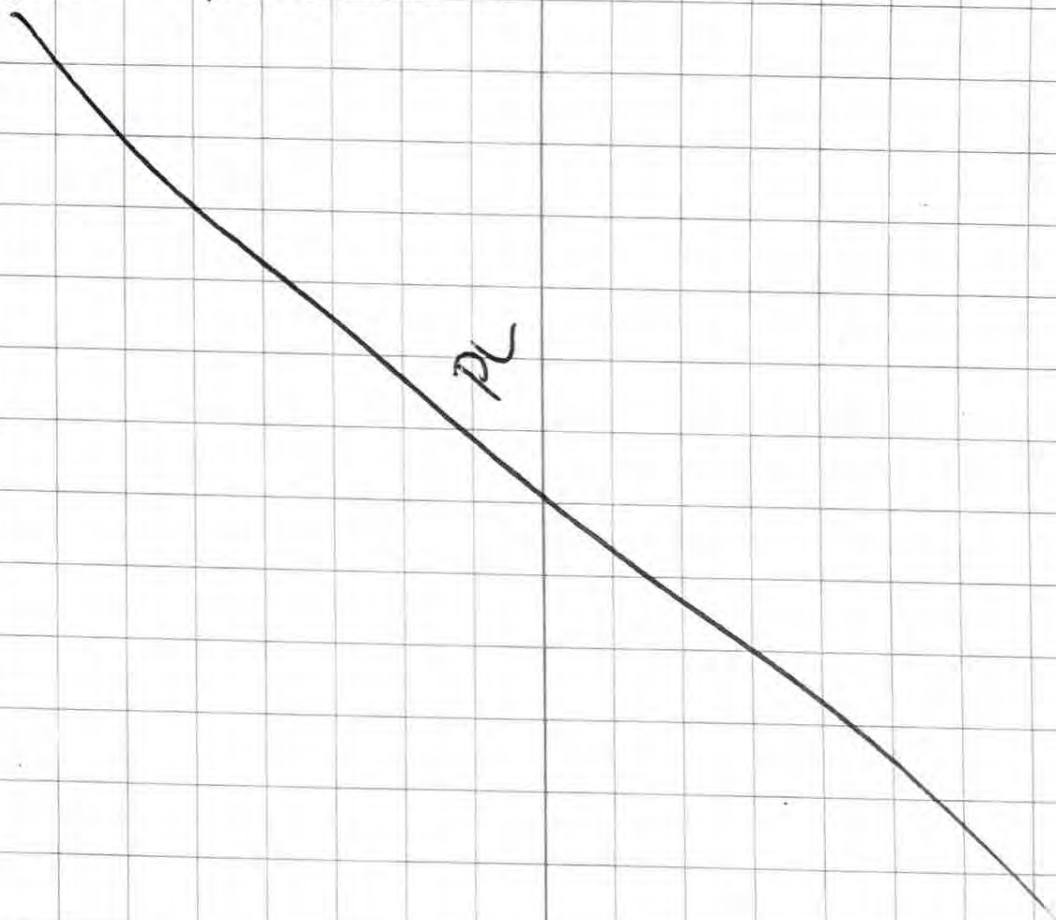
C = 25.79

Sample: 1020

1315 - PL off-site

1430 - PL on-site

1615 - PL+CB off-site



7/10/23

RACER Fairfax

5

10:30 on site

Personnel: C. Bernk, P. Laplant

Task: Groundwater monitoring

Weather: 85°, sunny

PPE: Level D

10:40 TGSM

11:00 check in w/ ^{206 CB} Roy Myers @
GM

11:20 begin gaging + sampling

MW-208A, MW-208B, MW-208C

see table on p. 6 for DTH, TD

11:52 MW-208A, B, C gaged;

begin sampling MW-208A

12:40 collect sample WG-071023-CB-001
from MW-208A

13:00 begin ^{206 CB} sampling from MW-208B

13:30 collect sample WG-071023-CB-002
from MW-208B

13:40 begin ^{206 CB} sampling from MW-208C

14:10 collect sample WG-071023-CB-003

from MW-208C, pack up & go w/ Roy
to MW-1A, MW-1B, MW-1C

Well	~~DTP~~	DTW	TD
MW-208A	✓	23.81	26.25
MW-208B	✓	23.67	59.91
MW-208C	✓	23.69	90.94

14:30 arrive at MW-1 Cluster,
begin gauging

Well	DTP	DTW	TD
MW-1A	✓	25.90	37.31
MW-1B	✓	25.62	57.05
MW-1C	✓	26.07	71.02

15:00 MW 1A, B, C gauged, begin
Sampling MW-1A

15:25 submersible pump 1B sputtering,
attempting to troubleshoot

15:50 could not troubleshoot pump,
switched to other pump

16:05 collect sample WB-071023-CB-024
and duplicate WB-071023-CB-005
from MW-1A

16:20 began sampling MW-1B

7/11/23

1260 3810

RACER Factory 7

8:30 onsite

Personnel: C. Bernick, P. LaMont

Task: Groundwater Sampling

Equip: 2x manure pump w/controller, 2x
HANNA water quality meter, 2x
peristaltic pump w/battery, 2x oil/water
interface probe

PPB: Level D

Weather: Sunny, 82°F

8:35 TG-SM

8:40 Call Roy Myer

8:55 arrive at MW-1 cluster to collect
sample from MW-1C

9:20 - begin sampling from MW-1C

9:50 - collect sample WG-071123-CB-007
from MW-1C, pack up equipment to
go to MW-110A

10:20 arrive at MW-110A, setup to begin
sampling

10:40 pump will not go down well,
calling Travis for advice

10:50 old tubing fished out of MW-110A
can begin sampling

11:25 collected sample WG-071123-CB-008
from MW-110A, pack up equipment +
head to MW-206 cluster

11:57 Leave Pargo @ site to go
to Granger in Lenexa to pick
up new drum for purge water

12:40 Arrive @ Granger, waiting to
pick up drum

12:55 Acquire drum from Granger,
heading back to site

13:35 Arrive on site, check in
w/ security and proceed to MW-200

13:45 Setup @ MW-200

14:00 begin sampling @ MW-200

14:45 collect sample WG-071123-CB-009
from MW-200, proceeding to MW-201

15:15 begin sampling @ MW-201

15:45 collect sample WG-071123-CB-010

From MW-201, pack up equipment +
proceed to next well

17:54 Setup + begin sampling @
MW 205A, + MW 205B

18:35 collect sample WG-071123-CB-011
From MW-205A, start sampling
MW-205B

19:10 collect sample WG-071123-CB-012
From MW-205B, start ~~at~~ packing
up equipment

19:40 offsite

CB

7/12/23 17603810

Racer Calif exp

8:05 - onsite

Personnel: C. Bernick, P. Lapant

Task: GWM

Equip: 2x monsoon pro w/ controller,
2x Hanna WQM, 2x Oil/water interface probe,
2x peristaltic pump w/ battery

PPE: Level D

Weather: 75°F, Sunny

8:10 - TGS, dump previous day's
purge water into 55 gallon drum8:35 - proceed to TMW-146, 146B, 146C
cluster8:55 - arrive at above mentioned well
cluster, setup to begin sampling9:50 collect sample WG-071223-CB-013
from TMW-146

10:00 setup + begin sampling @ MW-146B

10:30 collect sample WG-071223-CB-014
from MW-146B10:55 collect dupe WG-071223-CB-015
from MW-146B

11:00 setup + begin sampling @ MW-146C

11:35 collect sample WG-071223-CB-016
from MW-146C

13:10 setup @ MW-124A

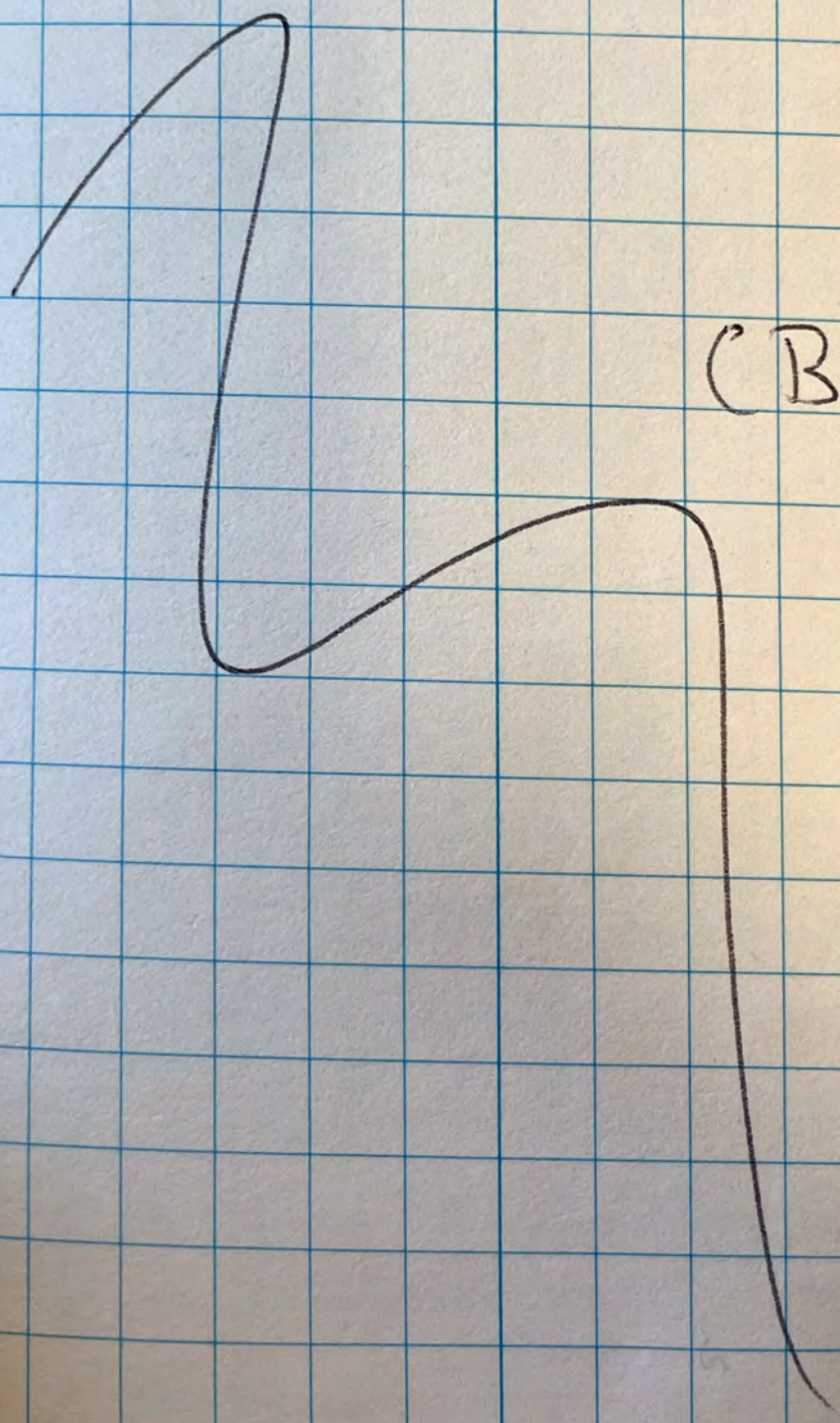
13:45 collect Sample WC-071223-CB-017

From MW-124A setup @ MW-124B

14:30 collect Sample WC-071223-CB-018

From MW-124B, start packing up
equipment

15:00 offsite



Project Data:

Ref. No.:

Date:

Personnel:

Well No.:

Vapour PID (ppm):

Measurement Point:

Constructed Well Depth (m/ft):

Measured Well Depth (m/ft):

Depth of Sediment (m/ft): _____

Saturated Screen Length (m/ft):

Depth to Pump Intake (m/ft)⁽¹⁾:

Well Diameter, D (cm/in):

Well Screen Volume, V_s (L)⁽²⁾:

Initial Depth to Water (m/ft):

Sample ID: WG-071023-CB-001

Sample Time:

Notes:

- (1) The pump intake will be placed at the well screen and the pump will be placed at the surface.
- (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi \cdot (r^2) \cdot L$ in mL, where r ($r = D/2$) and L are in cm. For Imperial units, $V_s = \pi \cdot (r^2) \cdot L \cdot (2.54)^3$, where r and L are in inches.
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), $\text{No. of Well Screen Volumes Purged} = V_p/V_s$.
- (5) For conductivity, the average value of three readings $< 1 \text{ mS/cm} \pm 0.005 \text{ mS/cm}$ or where conductivity $> 1 \text{ mS/cm} \pm 0.01 \text{ mS/cm}$.

Project Data:

Project Name:

Ref. No.:

Date:

Personnel:

Monitoring Well Data:

Well No.:

Vapour PID (ppm):

Measurement Point:

Constructed Well Depth (m/ft):

Measured Well Depth (m/ft):

Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):

Depth to Pump Intake (m/ft)⁽¹⁾

Well Diameter, D (cm/in):

Well Screen Volume, V_s (L)⁽²⁾:

Initial Depth to Water (m/ft):

Sample ID:

Sample Time:

Notes:

- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = n \cdot (r^2) \cdot L$ in mL, where r (r=D/2) and L are in cm.
For Imperial units, $V_s = n \cdot (r^2) \cdot L \cdot (2.54)^3$, where r and L are in inches
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= V_p/V_s .
- (5) For conductivity, the average value of three readings $<1 \text{ mS/cm} \pm 0.005 \text{ mS/cm}$ or where conductivity $>1 \text{ mS/cm} \pm 0.01 \text{ mS/cm}$.

Form SP-09

Monitoring Well Record for Low-Flow Purging
(Form SP-09)

Project Data:

Project Name: 12603810
Ref. No.: RACER Fairfax

Date: 7/10/23
Personnel: G. Berns
P. Lapham

Monitoring Well Data:

Well No.: MLW-1A
Vapour PID (ppm): _____
Measurement Point: TOC
Constructed Well Depth (m/ft): _____
Measured Well Depth (m/ft): _____
Depth of Sediment (m/ft): _____

Saturated Screen Length (m/ft): _____
Depth to Pump Intake (m/ft)⁽¹⁾: _____
Well Diameter, D (cm/in): 2"
Well Screen Volume, V_s (L)⁽²⁾: _____
Initial Depth to Water (m/ft): 25.90

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level ⁽³⁾ (m/ft)	Temperature °C	Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, V _p (L)	No. of Well Screen Volumes Purged ⁽⁴⁾
Precision Required ⁽⁵⁾ :				±3 %	±0.005 or 0.01 ⁽⁶⁾	±10 %	±10 %	±0.1 Units	±10 mV		
15:05	200	26.01	0.11	16.77	0.840	Clear	2.32	6.79	-64.7		
15:10	200	26.01	0.11	16.17	0.857	Clear	2.43	6.78	-63.5		
15:15	200	26.01	0.11	16.02	0.876	Clear	2.23	6.76	-96.9		
15:20	200	26.01	0.11	15.95	0.882	Clear	2.35	6.77	-98.4		
15:50	200	26.01	0.11	16.13	0.871	Clear	2.29	6.73	-101.7		
15:55	200	26.01	0.11	16.13	0.876	Clear	2.24	6.72	-99.3		
16:00	200	26.01	0.11	16.14	0.874	Clear	2.27	6.72	-97.7		

Sample ID:

WG-071023-CB-004

Sample Time:

16:05
16:10

Notes:

Dupe WG-071023-CB-005

- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi(r^2)L$ in mL, where r (r=D/2) and L are in cm.
For Imperial units, $V_s = \pi(r^2)L \cdot (2.54)^3$, where r and L are in inches
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= V_p/V_s.
- (5) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Date: 7/10/23
Personnel: C. Belmont
B. LaPlan

Monitoring Well Data:

Well No.: 113

Vapour PID (ppm):

Measurement Point:

Constructed Well Depth (m/ft):

Measured Well Depth (m/ft):

Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):

Depth to Pump Intake (m/ft)⁽¹⁾:

Well Diameter, D (cm/in):

Well Screen Volume, V_s (L)⁽²⁾;

Initial Depth to Water (m/ft):

Sample ID: WC-071023-CB-006

Sample Time: 16:50

Notes:

- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi \cdot (r^2) \cdot L$ in mL, where r ($r=D/2$) and L are in cm.
For Imperial units, $V_s = \pi \cdot (r^2) \cdot L \cdot (2.54)^3$, where r and L are in inches
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= V_p/V_s .
- (5) For conductivity, the average value of three readings <1 mS/cm ± 0.005 mS/cm or where conductivity >1 mS/cm ± 0.01 mS/cm.

Project Data:

Date: 7/11/23
Personnel: C. Bernis
P. Laplant

Well No.: MW-1C

Measurement Point: TOL

Measured Well Depth (m/ft): _____

Depth of Sediment (m/ft): _____

Depth to Pump Intake (m/ft)⁽¹⁾: _____

Well Diameter, D (cm/in): 2.2

Well Screen Volume, V_s (L)⁽²⁾: _____

Initial Depth to Water (m/ft): 26.07

Sample ID:

Sample Time: 9.50

- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi \cdot (r^2) \cdot L$ in mL, where r ($r = D/2$) and L are in cm. For Imperial units, $V_s = \pi \cdot (r^2) \cdot L \cdot (2.54)^3$, where r and L are in inches
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = V_p/V_s .
- (5) For conductivity, the average value of three readings $< 1 \text{ mS/cm} \pm 0.005 \text{ mS/cm}$ or where conductivity $> 1 \text{ mS/cm} \pm 0.01 \text{ mS/cm}$.

Monitoring Well Record for Low-Flow Purging
(Form SP-09)

Project Data:

Project Name:

Ref. No.:

Date:

Personnel:

Monitoring Well Data:

Well No.:

Vapour PID (ppm):

Measurement Point:

Constructed Well Depth (m/ft):

Measured Well Depth (m/ft): _____

Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):

Depth to Pump Intake (m/ft)⁽¹⁾:

Well Diameter, D (cm/in):

Well Screen Volume, V_s (L)⁽²⁾:

Initial Depth to Water (m/ft):

[illegible]

Sample ID:

Sample Time:

Notes:

- Notes:
- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
 - (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi \cdot (r^2) \cdot L$ in mL, where r ($r=D/2$) and L are in cm.
For Imperial units, $V_s = \pi \cdot (r^2) \cdot L \cdot (2.54)^3$, where r and L are in inches
 - (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.
 - (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = V_p/V_s .
 - (5) For conductivity, the average value of three readings <1 mS/cm ± 0.005 mS/cm or where conductivity >1 mS/cm ± 0.01 mS/cm.

Project Data:

Date: 7/11/23
Personnel: C. Bernal
P. Laplante

Well No.: MW-100
PID (ppm):
Entry Point: 706
Depth (m/ft):
Depth (m/ft):
Depth (m/ft):

Saturated Screen Length (m/ft): _____
 Depth to Pump Intake (m/ft)⁽¹⁾: _____
 Well Diameter, D (cm/in): 2"
 Well Screen Volume, V_s (L)⁽²⁾: _____
 Initial Depth to Water (m/ft): _____

Sample ID: WG-071123-CB-009

Sample Time: 14145

- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi \cdot (r^2) \cdot L$ in mL, where r (r=D/2) and L are in cm. For Imperial units, $V_s = \pi \cdot (r^2) \cdot L \cdot (2.54)^3$, where r and L are in inches
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= V_p/V_s .
- (5) For conductivity, the average value of three readings $<1 \text{ mS/cm} \pm 0.005 \text{ mS/cm}$ or where conductivity $>1 \text{ mS/cm} \pm 0.01 \text{ mS/cm}$.

(Form SP-09)

Project Name: 12603810
Ref. No.: 12603810
Data:

Date: 7/1/23
Personnel: C. Berna
P. V. [Signature]

Well No.: MW-201
PID (ppm): _____

Vapour PID (ppm): MMW-601

Measurement Point: T16

Constructed Well Depth (m/ft): 100

Measured Well Depth (m/ft): _____

Depth of Sediment (m/ft): _____

Saturated Screen Length (m/ft): _____
 Depth to Pump Intake (m/ft)⁽¹⁾: _____
 Well Diameter, D (cm/in): 2"
 Well Screen Volume, V_s (L)⁽²⁾: _____
 Initial Depth to Water (m/ft): _____

Sample ID: WU-071123-CB-010

Sample Time: 15:45

- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi \cdot (r^2) \cdot L$ in mL, where r ($r = D/2$) and L are in cm. For Imperial units, $V_s = \pi \cdot (r^2) \cdot L \cdot (2.54)^3$, where r and L are in inches
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = V_p/V_s .
- (5) For conductivity, the average value of three readings < 1 mS/cm ± 0.005 mS/cm or where conductivity > 1 mS/cm ± 0.01 mS/cm.

Project Data:

Date: 7/1/23
Personnel: S. Bernik
P. Lapland

Monitoring Well Data:

Well No.:	MW-205A
Vapour PID (ppm):	
Measurement Point:	TGC
Constructed Well Depth (m/ft):	
Measured Well Depth (m/ft):	
Depth of Sediment (m/ft):	

Saturated Screen Length (m/ft): _____
 Depth to Pump Intake (m/ft)⁽¹⁾: _____
 Well Diameter, D (cm/in): 2"
 Well Screen Volume, V_s (L)⁽²⁾: _____
 Initial Depth to Water (m/ft): 23.77

Sample ID:

Sample Time:

18:35

- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi(r^2)L$ in mL, where $r = (D/2)$ and L are in cm. For Imperial units, $V_s = \pi(r^2)L * (2.54)^3$, where r and L are in inches
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing). No. of Well Screen Volumes Purged = V_p/V_s .
- (5) For conductivity, the average value of three readings $< 1 \text{ mS/cm} \pm 0.005 \text{ mS/cm}$ or where conductivity $> 1 \text{ mS/cm} \pm 0.01 \text{ mS/cm}$.

Monitoring Well Record for Low-Flow Purging
(Form SP-09)

Ref. No.:

Date:

Personnel:

Well No.:

Vapour PID (ppm):

Measurement Point:

Constructed Well Depth (m/ft):

Measured Well Depth (m/ft):

Depth of Sediment (m/ft): _____

Saturated Screen Length (m/ft):

Depth to Pump Intake (m/ft)⁽¹⁾:

Well Diameter, D (cm/in):

Well Screen Volume, V_s (L)⁽²⁾:

Initial Depth to Water (m/ft):

WF-071123-CB-012

19:10

- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi \cdot (r^2) \cdot L$ in mL, where $r = (D/2)$ and L are in cm. For Imperial units, $V_s = \pi \cdot (r^2) \cdot L \cdot (2.54)^3$, where r and L are in inches
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= V_p/V_s .
- (5) For conductivity, the average value of three readings $< 1 \text{ mS/cm} \pm 0.005 \text{ mS/cm}$ or where conductivity $> 1 \text{ mS/cm} \pm 0.01 \text{ mS/cm}$.

Project Data:

Date: 7/12/23
Personnel: C. Byrne
P. Laplant

Well No.: TMW-146

Vapour PID (ppm): 19.19

Measurement Point: 701

Constructed Well Depth (m/ft): 100

Measured Well Depth (m/ft): _____

Depth of Sediment (m/ft): _____

Saturated Screen Length (m/ft): _____
 Depth to Pump Intake (m/ft)⁽¹⁾: _____
 Well Diameter, D (cm/in): 21
 Well Screen Volume, V_s (L)⁽²⁾: _____
 Initial Depth to Water (m/ft): 25.33

Sample ID:

WG-071223-CB-013

Sample Time:

9.50

(1)

(2)

10

(3)

(4)

(5)

Project Name: 17603810
Ref. No.: RACER Fairfax

Date: 7/12/23
Personnel: C. Bernic
P. Laplant

Well No.: MW-146B

Vapour PID (ppm): 1.00 1.65

Measurement Point: T/L

Constructed Well Depth (m/ft): 161

Measured Well Depth (m/ft): _____

Depth of Sediment (m/ft): _____

Saturated Screen Length (m/ft):

Depth to Pump Intake (m/ft)⁽¹⁾: _____

Well Diameter, D (cm/in): 2.1

Well Screen Volume, V_s (L)⁽²⁾: _____

Initial Depth to Water (m/ft): 25.58

[illegible]

Sample ID: WG-071223-CR-014

Sample Time: 10:50

Notes: D4 pp. WG-071223-CB-015

Dupe @ 10:55

- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = n \cdot (r^2) \cdot L$ in mL, where $r (=D/2)$ and L are in cm. For Imperial units, $V_s = n \cdot (r^2) \cdot L \cdot (2.54)^3$, where r and L are in inches
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing). No. of Well Screen Volumes Purged= V_p/V_s .
- (5) For conductivity, the average value of three readings <1 mS/cm ± 0.005 mS/cm or where conductivity >1 mS/cm ± 0.01 mS/cm.

Monitoring Well Record for Low-Flow Purging
(Form SP-09)

Project Data:

Project Name: 12603810
Ref. No.: RACER Polder

Date: 7/12/23
Personnel: L. Bernick
P. Lapland

Monitoring Well Data:

Well No.: MW-146C
Vapour PID (ppm): _____
Measurement Point: TOC
Constructed Well Depth (m/ft): _____
Measured Well Depth (m/ft): _____
Depth of Sediment (m/ft): _____

Saturated Screen Length (m/ft): _____
Depth to Pump Intake (m/ft)⁽¹⁾: _____
Well Diameter, D (cm/in): 2"
Well Screen Volume, V_s (L)⁽²⁾: _____
Initial Depth to Water (m/ft): 25.82

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level ⁽³⁾ (m/ft)	Temperature °C	Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, V _p (L)	No. of Well Screen Volumes Purged ⁽⁴⁾
Precision Required ⁽⁵⁾ :				±3 %	±0.005 or 0.01 ⁽⁶⁾	±10 %	±10 %	±0.1 Units	±10 mV		
11.10	200	25.83	0.01	15.95	0.835	Cloudy	0.59	7.17	-119.6		
11.15	200	25.83	0.01	15.85	0.838	Cloudy	0.49	7.19	-130.2		
11.20	200	25.83	0.01	15.80	0.839	sl. cloudy	0.49	7.19	-135.8		
11.25	200	25.83	0.01	15.79	0.840	sl. cloudy	0.42	7.20	-139.1		
11.30	200	25.83	0.01	15.76	0.841	sl. cloudy	0.40	7.20	-141.3		

Sample ID: WG-071223-CB-016

Sample Time: 11:35

Notes:

- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi \cdot (r^2) \cdot L$ in mL, where $r = (D/2)$ and L are in cm.
For Imperial units, $V_s = \pi \cdot (r^2) \cdot L \cdot (2.54)^3$, where r and L are in inches
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing). No. of Well Screen Volumes Purged = V_p/V_s .
- (5) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

August 2017

Monitoring Well Record for Low-Flow Purging
(Form SP-09)

Project Data:

Project Name: RACER Fairfax
Ref. No.: 12003910

Date: 7/11/23
Personnel: Paige Laplante

Submersible
#U103W62X

tubing
length
~~a 2 ft. from~~
~~bottom~~

Monitoring Well Data:

Well No.: 206E

Vapour PID (ppm):

Measurement Point: TOC

Constructed Well Depth (m/ft):

Measured Well Depth (m/ft):

Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):

Depth to Pump Intake (m/ft)⁽¹⁾:Well Diameter, D (cm/in): 2Well Screen Volume, V_s (L)⁽²⁾:Initial Depth to Water (m/ft): 23.31[illegible]

Sample ID:

ING-071123-PL-001

Sample Time:

0955

Notes:

- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi \cdot (r^2) \cdot L$ in mL, where r (r=D/2) and L are in cm.
For Imperial units, $V_s = \pi \cdot (r^2) \cdot L \cdot (2.54)^3$, where r and L are in inches
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= V_p/V_s .
- (5) For conductivity, the average value of three readings $<1 \text{ mS/cm} \pm 0.005 \text{ mS/cm}$ or where conductivity $>1 \text{ mS/cm} \pm 0.01 \text{ mS/cm}$.

Monitoring Well Record for Low-Flow Purging
(Form SP-09)

Project Data:

Project Name: RACER Fairfax
Ref. No.: 12003810

Date: 7/11/23
Personnel: Paige Laplant

Submersible
W/ 3" x 6' 2"

Monitoring Well Data:

Well No.: 20WB
Vapour PID (ppm): _____
Measurement Point: TDC
Constructed Well Depth (m/ft): _____
Measured Well Depth (m/ft): _____
Depth of Sediment (m/ft): _____

Saturated Screen Length (m/ft): _____
Depth to Pump Intake (m/ft)⁽¹⁾: _____
Well Diameter, D (cm/in): 2
Well Screen Volume, V_s (L)⁽²⁾: _____
Initial Depth to Water (m/ft): 23.29

~ 2 ft from bottom

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level ⁽³⁾ (m/ft)	Temperature °C	Conductivity (mS/cm) US/cm	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, V _p (L)	No. of Well Screen Volumes Purged ⁽⁴⁾
Precision Required ⁽⁵⁾ :				±3 %	±0.005 or 0.01 ⁽⁶⁾	±10 %	±10 %	±0.1 Units	±10 mV		
1042	250	23.29		18.17	280	cloudy	4.40	6.97	-99.3	0	
1047	400	23.31		17.48	1358	cloudy	2.15	7.01	-144.2	1250	
1052	400	"		17.93	1335	clear	2.12	7.00	-150.9	3250	
1057	300	"		17.95	1325	clear	2.09	7.00	-153.4	5250	
1102	400	"		18.23	1325	clear	2.09	6.99	-154.8	6750	
1107	200	"		18.52	1325	clear	2.09	6.99	-154.9	8750	
1112	200	23.31		18.21	1327	clear	2.10	6.98	-154.9	9750	

Sample ID:

WB-071123-PL-002

Sample Time: 1122

Notes:

- The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi \cdot (r^2) \cdot L$ in mL, where $r = (D/2)$ and L are in cm.
For Imperial units, $V_s = \pi \cdot (r^2) \cdot L \cdot (2.54)^3$, where r and L are in inches
- The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.
- Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = V_p/V_s .
- For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Monitoring Well Record for Low-Flow Purging

(Form SP-09)

Project Data:

Project Name: RACER Fairfax
Ref. No.: 12103410Date: 7/11/23
Personnel: PAUL LARANTSubmersible
1103402X

Monitoring Well Data:

Well No.: 200A
Vapour PID (ppm): _____
Measurement Point: TOC
Constructed Well Depth (m/ft): _____
Measured Well Depth (m/ft): _____
Depth of Sediment (m/ft): _____Saturated Screen Length (m/ft): _____
Depth to Pump Intake (m/ft)⁽¹⁾: _____
Well Diameter, D (cm/in): 2
Well Screen Volume, V_s (L)⁽²⁾: _____
Initial Depth to Water (m/ft): 23.28~2 ft. from
bottom

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level ⁽³⁾ (m/ft)	Temperature °C	US / cm Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, V _p (L)	No. of Well Screen Volumes Purged ⁽⁴⁾
Precision Required ⁽⁵⁾ :				±3 %	±0.005 or 0.01 ⁽⁶⁾	±10 %	±10 %	±0.1 Units	±10 mV		
1141	200	23.28		18.95	2316	Cloudy	2.48	6.39	-83.2	-D	
1146	200	23.35		17.33	2315	Clear	2.28	6.37	-82.9	1000	
1151	300	u		17.89	2316	Clear	2.39	6.35	-26.0	2000	
1156	200	u		18.43	2363	Clear	2.43	6.35	3.16	3500	
1201	200	u		18.07	2379	Clear	2.50	6.30	27.8	4500	
1206	200	u		18.02	2379	Clear	2.27	6.36	29.0	5500	
1211	200	u		17.93	2386	Clear	2.47	6.39	62.7	6500	
1216	200	u		18.54	2420	Clear	2.52	6.36	73.9	7500	
1221	200	u		18.17	2413	Clear	2.44	6.38	70.5	8500	
1226	200	23.35		17.81	2421	Clear	2.31	6.36	65.8	9500	

Sample ID:

ING-071123-PL-003

Sample Time:

1235

Notes:

- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi \cdot (r^2) \cdot L$ in mL, where $r = (D/2)$ and L are in cm. For Imperial units, $V_s = \pi \cdot (r^2) \cdot L \cdot (2.54)^3$, where r and L are in inches.
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = V_p/V_s .
- (5) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

(Form SP-09)

submersible
6103042X

Project Name: RACER Fawfax
Ref. No.: 121003810

Date: 7/11/23
Personnel: Paige W. Pratt

Well No.: 203

Measurement Point: TOC

Measured Well Depth (m/ft):

Depth of Sediment (m/ft):

Depth to Pump Intake (m/ft)⁽¹⁾:

Well Diameter, D (cm/in):

Well Screen Volume, V_s (L):

Initial Depth to Water (m/ft):

~ 2 ft. from
bottom

[illegible]

Sample ID: WG-071123-PL-004

Sample Time: 1555

- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi \cdot r^2 \cdot L$ in mL, where r ($r = D/2$) and L are in cm.
For Imperial units, $V_s = \pi \cdot (r^2) \cdot L \cdot (2.54)^3$, where r and L are in inches
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = V_p/V_s .
- (5) For conductivity, the average value of three readings $< 1 \text{ mS/cm} \pm 0.005 \text{ mS/cm}$ or where conductivity $> 1 \text{ mS/cm} \pm 0.01 \text{ mS/cm}$.

Monitoring Well Record for Low-Flow Purging (Form SP-09)

Submersible

Project Data:

Project Name: RACER Fairfax
Ref. No.: 12003810

Date: 7/11/23
Personnel: PAUL LAPLANTE
Calvin Bernier

Monitoring Well Data:

Well No.: 202
Vapour PID (ppm): _____
Measurement Point: TOL
Constructed Well Depth (m/ft): _____
Measured Well Depth (m/ft): _____
Depth of Sediment (m/ft): _____

Saturated Screen Length (m/ft): _____
Depth to Pump Intake (m/ft)⁽¹⁾: _____
Well Diameter, D (cm/in): 2
Well Screen Volume, V_s (L)⁽²⁾: _____
Initial Depth to Water (m/ft): 22.32



2 ft. from
bottom

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level ⁽³⁾ (m/ft)	Temperature °C	Conductivity (mS/cm) ~~µS/cm~~	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, V _p (L)	No. of Well Screen Volumes Purged ⁽⁴⁾
Precision Required ⁽⁵⁾ :				±3 %	±0.005 or 0.01 ⁽⁶⁾	±10 %	±10 %	±0.1 Units	±10 mV		
16:40	200	22.32		19.02	1.161	sl. cloudy	0.44	6.86	-126.4	0	
16:45	200	22.34		16.20	1.122	clear	0.43	6.84	-119.5	1000	
16:50	200	22.35		17.91	1.102	clear	0.40	6.81	-112.7	2000	
16:55	200	22.35		18.19	1.093	clear	0.39	6.80	-109.4	3000	
17:00	200	22.35		17.72	1.082	clear	0.40	6.78	-102.4	4000	
17:05	200	22.35		17.93	1.084	clear	0.42	6.77	-100.6	5000	

Sample ID:

12G-071123-PL-005

Sample Time:

17:10

Notes:

- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi \cdot (r^2) \cdot L$ in mL, where $r = (D/2)$ and L are in cm. For Imperial units, $V_s = \pi \cdot (r^2) \cdot L \cdot (2.54)^3$, where r and L are in inches
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = V_p/V_s .
- (5) For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

Monitoring Well Record for Low-Flow Purging
(Form SP-09)

Project Data:

Project Name: RACER Fairfax
Ref. No.: 1205810

Date: 7/11/13
Personnel: Patricia L. Lantieri

Submits 100
100 300 2X

Monitoring Well Data:

Well No.: 204B
Vapour PID (ppm): _____
Measurement Point: TIC
Constructed Well Depth (m/ft): _____
Measured Well Depth (m/ft): _____
Depth of Sediment (m/ft): _____

Saturated Screen Length (m/ft): _____
Depth to Pump Intake (m/ft)⁽¹⁾: _____
Well Diameter, D (cm)⁽²⁾: 2
Well Screen Volume, V_s (L)⁽³⁾: _____
Initial Depth to Water (m/ft): 24.69

~ 2 ft. from
bottom

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level ⁽³⁾ (m/ft)	Temperature °C	US/cm Conductivity (mS/cm) ⁽⁵⁾	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged ⁽⁴⁾
Precision Required ⁽⁵⁾ :				±3 %	±0.005 or 0.01 ⁽⁶⁾	±10 %	±10 %	±0.1 Units	±10 mV		
1800	200	24.69		18.78	2142	clear	3.05	6.41	-50.0	0	
1805	200	24.77		18.52	2103	clear	2.23	6.36	-55.8	1000	
1810	200	"		18.28	2075	clear	2.21	6.35	2.1	2000	
1815	200	"		18.26	2071	clear	2.29	6.36	21.2	3000	
1820	200	"		18.23	2084	clear	2.36	6.35	32.9	4000	
1825	200	"		18.38	2088	clear	2.32	6.33	40.9	5000	
1830	200	"		18.42	2086	clear	2.29	6.33	47.4	6000	
1835	200	"		18.13	2088	clear	2.25	6.33	53.0	7000	
1840	200	24.77		18.28	2073	clear	2.22	6.34	57.8	8000	

Sample ID: WB-071123-PL-000

Sample Time: 1850

Notes:

- The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = n \cdot (r^2) \cdot L$ in mL, where $r = (D/2)$ and L are in cm. For Imperial units, $V_s = n \cdot (r^2) \cdot L \cdot (2.54)^3$, where r and L are in inches.
- The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.
- Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing). No. of Well Screen Volumes Purged = V_p/V_s .
- For conductivity, the average value of three readings < 1 mS/cm ± 0.005 mS/cm or where conductivity > 1 mS/cm ± 0.01 mS/cm.

Submersible
V103442X

Project Name: RACE-R FAW FOX
Ref. No.: 12603810

Date: 7/11/23
Personnel: Paige Waplan

Well No.: 204A

Measurement Point: ITC

Measured Well Depth (m/ft):

Depth of Sediment (m/ft):

Depth to Pump Intake (m/ft)⁽¹⁾:

Well Diameter, D (cm/in):

Well Screen Volume, V_s (L)⁽²⁾:

Initial Depth to Water (m/ft):

✓ 2 At. from bottom

Sample Time: 1930

(1)

The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom. The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = n \cdot (r^2) \cdot L$ in mL, where r ($r = D/2$) and L are in cm. For Imperial units, $V_s = n \cdot (r^2) \cdot L \cdot (2.54)^3$, where r and L are in inches.

The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min. Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing). No. of Well Screen Volumes Purged = V_p/V_s .

For conductivity, the average value of three readings <1 mS/cm ± 0.005 mS/cm or where conductivity >1 mS/cm ± 0.01 mS/cm.

Submersible
4403662X

Project Name: RALER FAXFAX
Ref. No.: 12003810

Date: Paula LaPrant
Personnel: 7/12/23

Well No.: 207C

Measurement Point: TOC

Measured Well Depth (m/ft): _____

Depth of Sediment (m/ft): _____

Depth to Pump Intake (m/ft)⁽¹⁾: _____

Well Diameter, D (cm/in): 2

Well Screen Volume, V_s (L)⁽²⁾: _____

Initial Depth to Water (m/ft): 25.79

n 2 ft. from
bottom

Sample ID: WG-071223-PL-008 Sample Time: 1020

- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi \cdot (r^2) \cdot L$ in mL, where r ($r = D/2$) and L are in cm. For Imperial units, $V_s = \pi \cdot (r^2) \cdot L \cdot (2.54)^3$, where r and L are in inches
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = V_p/V_s .
- (5) For conductivity, the average value of three readings <1 mS/cm ± 0.005 mS/cm or where conductivity >1 mS/cm ± 0.01 mS/cm.

(Form SP-09)

Project Name: RACER Fairfax
Ref. No.: 12403810

Date: 7/12/23
Personnel: PAUL LAPORTE

Submersible
U103442X

Well No.: 207B

Measurement Point: IBC

Measured Well Depth (m/ft): _____

Depth of Sediment (m/ft): _____

Depth to Pump Intake (m/ft)⁽¹⁾: _____

Well Diameter, D (cm/in): 2

Well Screen Volume, V_s (L): _____

Initial Depth to Water (m/ft): 25.11

~ 2 ft. from bottom

Sample ID: W6-57/223-PL-009 Sample Time: 1115

- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi \cdot (r^2) \cdot L$ in mL, where r ($=D/2$) and L are in cm. For Imperial units, $V_s = \pi \cdot (r^2) \cdot L \cdot (2.54)^3$, where r and L are in inches
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing). No. of Well Screen Volumes Purged = V_p/V_s .
- (5) For conductivity, the average value of three readings <1 mS/cm ± 0.005 mS/cm or where conductivity >1 mS/cm ± 0.01 mS/cm.

Monitoring Well Record for Low-Flow Purging
(Form SP-09)

Project Data:

Project Name: RACER Fairfax
Ref. No.: 12U13810

Date: 7/18/23
Personnel: Rajeev Liptant

Submitted by
VIO30602X

Monitoring Well Data:

Well No.: 0050A 207A
Vapour PID (ppm): _____
Measurement Point: TOC
Constructed Well Depth (m/ft): _____
Measured Well Depth (m/ft): _____
Depth of Sediment (m/ft): _____

Saturated Screen Length (m/ft): _____
Depth to Pump Intake (m/ft)⁽¹⁾: _____
Well Diameter, D (cm/in): 2
Well Screen Volume, V_s (L)⁽²⁾: _____
Initial Depth to Water (m/ft): 25.73

~ 2ft. from
bottom

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level ⁽³⁾ (m/ft)	Temperature °C	Conductivity $\mu\text{S/cm}$ (mS/cm) ⁽⁵⁾	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, V _p (L)	No. of Well Screen Volumes Purged ⁽⁴⁾
Precision Required ⁽⁵⁾ :				±3 %	±0.005 or 0.01 ⁽⁶⁾	±10 %	±10 %	±0.1 Units	±10 mV		
1132	400	25.73		16.90	1083	v. cloudy	2.43	6.87	-122.1	0	
1137	400	25.77		16.94	1095	cloudy	2.33	6.86	-124.9	2000	
1142	400	u		16.91	1085	clear	2.49	6.87	-126.7	4000	
1147	400	25.77		16.31	1080	clear	2.40	6.88	-124.7	6000	

Sample ID: WG-071223-PL-010

Sample Time: 1155

Notes:

- The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi \cdot (r^2) \cdot L$ in mL, where r ($r=D/2$) and L are in cm. For Imperial units, $V_s = \pi \cdot (r^2) \cdot L \cdot (2.54)^3$, where r and L are in inches.
- The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.
- Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing). No. of Well Screen Volumes Purged = V_p/V_s .
- For conductivity, the average value of three readings $<1 \text{ mS/cm} \pm 0.005 \text{ mS/cm}$ or where conductivity $>1 \text{ mS/cm} \pm 0.01 \text{ mS/cm}$.

Appendix B

Laboratory Analytical Report



July 26, 2023

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

RE: Project: RACER FAIRFAX 2559A-2021-001
Pace Project No.: 60433073

Dear Travis Kogl:

Enclosed are the analytical results for sample(s) received by the laboratory between July 12, 2023 and July 13, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - 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.
Jeremy Raye, GHD_Wichita



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Pace Analytical Services Kansas

9608 Loiret Boulevard, Lenexa, KS 66219

Missouri Inorganic Drinking Water Certification #: 10090

Arkansas Drinking Water

Arkansas Certification #: 88-00679

Illinois Certification #: 2000302023-5

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212023-1

Oklahoma Certification #: 2022-057

Florida: Cert E871149 SEKS WET

Texas Certification #: T104704407-22-16

Utah Certification #: KS000212022-12

Illinois Certification #: 004592

Kansas Field Laboratory Accreditation: # E-92587

Missouri SEKS Micro Certification: 10070

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60433073001	WG-071123-CB-009	Water	07/11/23 14:45	07/12/23 16:40
60433073002	WG-071123-CB-010	Water	07/11/23 15:45	07/12/23 16:40
60433073003	WG-071123-CB-011	Water	07/11/23 18:35	07/12/23 16:40
60433073004	WG-071123-CB-012	Water	07/11/23 19:10	07/12/23 16:40
60433073005	WG-071223-CB-013	Water	07/12/23 09:50	07/12/23 16:40
60433073006	WG-071223-CB-014	Water	07/12/23 10:50	07/12/23 16:40
60433073007	WG-071223-CB-015	Water	07/12/23 10:55	07/12/23 16:40
60433073008	WG-071223-CB-016	Water	07/12/23 11:35	07/12/23 16:40
60433073009	WG-071223-CB-017	Water	07/12/23 13:45	07/12/23 16:40
60433073010	WG-071223-CB-018	Water	07/12/23 14:30	07/12/23 16:40
60433073011	WG-071123-PL-001	Water	07/11/23 09:55	07/12/23 16:40
60433073012	WG-071123-PL-002	Water	07/11/23 11:22	07/12/23 16:40
60433073013	WG-071123-PL-003	Water	07/11/23 12:35	07/12/23 16:40
60433073014	WG-071123-PL-004	Water	07/11/23 15:55	07/12/23 16:40
60433073015	WG-071123-PL-005	Water	07/11/23 17:10	07/12/23 16:40
60433073016	WG-071123-PL-006	Water	07/11/23 18:50	07/13/23 12:38
60433073017	WG-071123-PL-007	Water	07/11/23 19:30	07/13/23 12:38
60433073018	WG-071223-PL-008	Water	07/12/23 10:20	07/13/23 12:38
60433073019	WG-071223-PL-009	Water	07/12/23 11:15	07/13/23 12:38
60433073020	WG-071223-PL-010	Water	07/12/23 11:55	07/13/23 12:38
60433073021	TB-071223-001	Water	07/12/23 08:00	07/13/23 12:38
60433073022	WG-071023-CB-001	Water	07/10/23 12:40	07/13/23 12:38
60433073023	WG-071023-CB-002	Water	07/10/23 13:30	07/13/23 12:38
60433073024	WG-071023-CB-003	Water	07/10/23 14:10	07/13/23 12:38
60433073025	WG-071023-CB-004	Water	07/10/23 16:05	07/13/23 12:38
60433073026	WG-071023-CB-005	Water	07/10/23 16:10	07/13/23 12:38
60433073027	WG-071023-CB-006	Water	07/10/23 16:50	07/13/23 12:38
60433073028	WG-071123-CB-007	Water	07/11/23 09:50	07/13/23 12:38
60433073029	WG-071123-CB-008	Water	07/11/23 11:25	07/13/23 12:38
60433073030	TB-071223-002	Water	07/12/23 08:00	07/13/23 12:38

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60433073001	WG-071123-CB-009	EPA 5030B/8260	PGH	69	PASI-K
60433073002	WG-071123-CB-010	EPA 5030B/8260	PGH	69	PASI-K
60433073003	WG-071123-CB-011	EPA 5030B/8260	PGH	69	PASI-K
60433073004	WG-071123-CB-012	EPA 5030B/8260	PGH	69	PASI-K
60433073005	WG-071223-CB-013	EPA 8015C	WFG	3	PASI-K
		KS LRH: EPA 5030B/8015C	BA	3	PASI-K
		EPA 5030B/8260	PGH	69	PASI-K
60433073006	WG-071223-CB-014	EPA 5030B/8260	PGH	69	PASI-K
60433073007	WG-071223-CB-015	EPA 5030B/8260	PGH	69	PASI-K
60433073008	WG-071223-CB-016	EPA 5030B/8260	PGH	69	PASI-K
60433073009	WG-071223-CB-017	EPA 5030B/8260	PGH	69	PASI-K
60433073010	WG-071223-CB-018	EPA 5030B/8260	PGH	69	PASI-K
60433073011	WG-071123-PL-001	EPA 5030B/8260	PGH	69	PASI-K
60433073012	WG-071123-PL-002	EPA 5030B/8260	PGH	69	PASI-K
60433073013	WG-071123-PL-003	EPA 5030B/8260	PGH	69	PASI-K
60433073014	WG-071123-PL-004	EPA 5030B/8260	PGH	69	PASI-K
60433073015	WG-071123-PL-005	EPA 5030B/8260	PGH	69	PASI-K
60433073016	WG-071123-PL-006	EPA 5030B/8260	PGH	69	PASI-K
60433073017	WG-071123-PL-007	EPA 5030B/8260	PGH	69	PASI-K
60433073018	WG-071223-PL-008	EPA 5030B/8260	PGH	69	PASI-K
60433073019	WG-071223-PL-009	EPA 5030B/8260	PGH	69	PASI-K
60433073020	WG-071223-PL-010	EPA 8015C	WFG	3	PASI-K
		KS LRH: EPA 5030B/8015C	BA	3	PASI-K
		EPA 5030B/8260	PGH	69	PASI-K
60433073021	TB-071223-001	EPA 5030B/8260	PGH	69	PASI-K
60433073022	WG-071023-CB-001	EPA 5030B/8260	PGH	69	PASI-K
60433073023	WG-071023-CB-002	EPA 5030B/8260	PGH	69	PASI-K
60433073024	WG-071023-CB-003	EPA 5030B/8260	PGH	69	PASI-K
60433073025	WG-071023-CB-004	EPA 5030B/8260	PGH	69	PASI-K
60433073026	WG-071023-CB-005	EPA 5030B/8260	PGH	69	PASI-K
60433073027	WG-071023-CB-006	EPA 5030B/8260	PGH	69	PASI-K
60433073028	WG-071123-CB-007	EPA 5030B/8260	PGH	69	PASI-K
60433073029	WG-071123-CB-008	EPA 5030B/8260	PGH	69	PASI-K
60433073030	TB-071223-002	EPA 5030B/8260	PGH	69	PASI-K

PASI-K = Pace Analytical Services - Kansas City

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Method: EPA 8015C

Description: 8015 MOD KS TPH

Client: GHD_KS-RACER

Date: July 26, 2023

General Information:

2 samples were analyzed for EPA 8015C by Pace Analytical Services Kansas City. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

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

Sample Preparation:

The samples were prepared in accordance with EPA 3511 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Surrogates:

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

Method Blank:

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

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

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

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Method: KS LRH: EPA 5030B/8015C

Description: LRH (C5 - C8) Water

Client: GHD_KS-RACER

Date: July 26, 2023

General Information:

2 samples were analyzed for KS LRH: EPA 5030B/8015C by Pace Analytical Services Kansas City. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

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

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Surrogates:

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

Method Blank:

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

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

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

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Method: EPA 5030B/8260

Description: 8260 MSV

Client: GHD_KS-RACER

Date: July 26, 2023

General Information:

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

Hold Time:

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

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Internal Standards:

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

Surrogates:

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

Method Blank:

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

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 856459

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

- LCS (Lab ID: 3391759)
- Styrene

Matrix Spikes:

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

QC Batch: 856459

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

QC Batch: 856515

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Additional Comments:

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

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071123-CB-009 Lab ID: 60433073001 Collected: 07/11/23 14:45 Received: 07/12/23 16:40 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 12:25	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/14/23 12:25	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 12:25	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 12:25	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 12:25	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 12:25	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 12:25	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 12:25	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 12:25	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 12:25	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 12:25	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 12:25	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 12:25	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 12:25	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 12:25	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 12:25	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 12:25	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 12:25	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 12:25	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 12:25	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 12:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 12:25	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 12:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 12:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 12:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 12:25	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 12:25	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/14/23 12:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 12:25	107-06-2	
1,2-Dichloroethene (Total)	0.25J	ug/L	1.0	0.22	1		07/14/23 12:25	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 12:25	75-35-4	
cis-1,2-Dichloroethene	0.25J	ug/L	1.0	0.13	1		07/14/23 12:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/14/23 12:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 12:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 12:25	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 12:25	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 12:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 12:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 12:25	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 12:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 12:25	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 12:25	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 12:25	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 12:25	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 12:25	75-09-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071123-CB-009		Lab ID: 60433073001		Collected: 07/11/23 14:45		Received: 07/12/23 16:40		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 12:25	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 12:25	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 12:25	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 12:25	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 12:25	100-42-5	L1
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 12:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 12:25	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 12:25	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 12:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 12:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 12:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 12:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 12:25	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/14/23 12:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 12:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 12:25	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 12:25	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 12:25	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/14/23 12:25	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 12:25	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	80-120		1		07/14/23 12:25	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	80-120		1		07/14/23 12:25	2199-69-1	
Toluene-d8 (S)	105	%	80-120		1		07/14/23 12:25	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 12:25		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071123-CB-010 Lab ID: 60433073002 Collected: 07/11/23 15:45 Received: 07/12/23 16:40 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 14:55	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/14/23 14:55	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 14:55	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 14:55	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 14:55	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 14:55	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 14:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 14:55	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 14:55	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 14:55	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 14:55	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 14:55	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 14:55	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 14:55	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 14:55	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 14:55	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 14:55	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 14:55	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 14:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 14:55	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 14:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 14:55	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 14:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 14:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 14:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 14:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 14:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/14/23 14:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 14:55	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	0.22	1		07/14/23 14:55	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 14:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		07/14/23 14:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/14/23 14:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 14:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 14:55	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 14:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 14:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 14:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 14:55	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 14:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 14:55	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 14:55	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 14:55	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 14:55	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 14:55	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071123-CB-010		Lab ID: 60433073002		Collected: 07/11/23 15:45		Received: 07/12/23 16:40		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 14:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 14:55	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 14:55	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 14:55	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 14:55	100-42-5	L1
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 14:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 14:55	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 14:55	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 14:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 14:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 14:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 14:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 14:55	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/14/23 14:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 14:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 14:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 14:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 14:55	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/14/23 14:55	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 14:55	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	80-120		1		07/14/23 14:55	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	80-120		1		07/14/23 14:55	2199-69-1	
Toluene-d8 (S)	104	%	80-120		1		07/14/23 14:55	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 14:55		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: **WG-071123-CB-011** Lab ID: **60433073003** Collected: 07/11/23 18:35 Received: 07/12/23 16:40 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 14:41	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/14/23 14:41	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 14:41	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 14:41	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 14:41	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 14:41	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 14:41	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 14:41	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 14:41	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 14:41	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 14:41	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 14:41	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 14:41	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 14:41	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 14:41	75-00-3	
Chloroform	0.30J	ug/L	1.0	0.22	1		07/14/23 14:41	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 14:41	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 14:41	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 14:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 14:41	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 14:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 14:41	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 14:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 14:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 14:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 14:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 14:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/14/23 14:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 14:41	107-06-2	
1,2-Dichloroethene (Total)	0.31J	ug/L	1.0	0.22	1		07/14/23 14:41	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 14:41	75-35-4	
cis-1,2-Dichloroethene	0.31J	ug/L	1.0	0.13	1		07/14/23 14:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/14/23 14:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 14:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 14:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 14:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 14:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 14:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 14:41	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 14:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 14:41	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 14:41	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 14:41	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 14:41	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 14:41	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071123-CB-011		Lab ID: 60433073003		Collected: 07/11/23 18:35		Received: 07/12/23 16:40		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 14:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 14:41	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 14:41	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 14:41	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 14:41	100-42-5	L1
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 14:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 14:41	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 14:41	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 14:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 14:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 14:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 14:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 14:41	79-00-5	
Trichloroethene	0.23J	ug/L	1.0	0.21	1		07/14/23 14:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 14:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 14:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 14:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 14:41	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/14/23 14:41	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 14:41	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120		1		07/14/23 14:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	80-120		1		07/14/23 14:41	2199-69-1	
Toluene-d8 (S)	104	%	80-120		1		07/14/23 14:41	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 14:41		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071123-CB-012 Lab ID: 60433073004 Collected: 07/11/23 19:10 Received: 07/12/23 16:40 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 12:39	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/14/23 12:39	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 12:39	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 12:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 12:39	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 12:39	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 12:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 12:39	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 12:39	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 12:39	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 12:39	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 12:39	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 12:39	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 12:39	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 12:39	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 12:39	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 12:39	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 12:39	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 12:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 12:39	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 12:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 12:39	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 12:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 12:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 12:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 12:39	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 12:39	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/14/23 12:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 12:39	107-06-2	
1,2-Dichloroethene (Total)	5.4	ug/L	1.0	0.22	1		07/14/23 12:39	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 12:39	75-35-4	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	0.13	1		07/14/23 12:39	156-59-2	
trans-1,2-Dichloroethene	0.40J	ug/L	1.0	0.10	1		07/14/23 12:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 12:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 12:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 12:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 12:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 12:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 12:39	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 12:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 12:39	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 12:39	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 12:39	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 12:39	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 12:39	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071123-CB-012		Lab ID: 60433073004		Collected: 07/11/23 19:10		Received: 07/12/23 16:40		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 12:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 12:39	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 12:39	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 12:39	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 12:39	100-42-5	L1
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 12:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 12:39	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 12:39	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 12:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 12:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 12:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 12:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 12:39	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/14/23 12:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 12:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 12:39	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 12:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 12:39	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/14/23 12:39	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 12:39	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	80-120		1		07/14/23 12:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	80-120		1		07/14/23 12:39	2199-69-1	
Toluene-d8 (S)	106	%	80-120		1		07/14/23 12:39	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 12:39		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071223-CB-013 Lab ID: 60433073005 Collected: 07/12/23 09:50 Received: 07/12/23 16:40 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	07/14/23 12:23	07/14/23 22:18		
MRH (C9-C18)	0.39	mg/L	0.058	0.053	1	07/14/23 12:23	07/14/23 22:18		
Surrogates									
1-Chloro-octadecane (S)	104	%	40-140		1	07/14/23 12:23	07/14/23 22:18	3386-33-2	
LRH (C5 - C8) Water Analytical Method: KS LRH: EPA 5030B/8015C Pace Analytical Services - Kansas City									
LRH (C5-C8)	ND	mg/L	0.050	0.011	1		07/20/23 17:00		
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		07/20/23 17:00	460-00-4	
Preservation pH	1.0				1		07/20/23 17:00		
8260 MSV Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 17:11	67-64-1	
Benzene	1.6	ug/L	1.0	0.14	1		07/14/23 17:11	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 17:11	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 17:11	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 17:11	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 17:11	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 17:11	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 17:11	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 17:11	104-51-8	
sec-Butylbenzene	0.15J	ug/L	1.0	0.11	1		07/14/23 17:11	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 17:11	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 17:11	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 17:11	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 17:11	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 17:11	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 17:11	67-66-3	
Chloromethane	0.30J	ug/L	1.0	0.28	1		07/14/23 17:11	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 17:11	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 17:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 17:11	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 17:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 17:11	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 17:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 17:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 17:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 17:11	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 17:11	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/14/23 17:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 17:11	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	0.22	1		07/14/23 17:11	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 17:11	75-35-4	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: **WG-071223-CB-013** Lab ID: **60433073005** Collected: 07/12/23 09:50 Received: 07/12/23 16:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 5030B/8260									
Pace Analytical Services - Kansas City									
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		07/14/23 17:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/14/23 17:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 17:11	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 17:11	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 17:11	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 17:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 17:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 17:11	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 17:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 17:11	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 17:11	591-78-6	
Isopropylbenzene (Cumene)	0.12J	ug/L	1.0	0.097	1		07/14/23 17:11	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 17:11	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 17:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 17:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 17:11	1634-04-4	
Naphthalene	1.6J	ug/L	10.0	0.82	1		07/14/23 17:11	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 17:11	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 17:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 17:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 17:11	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 17:11	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 17:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 17:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 17:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 17:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 17:11	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/14/23 17:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 17:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 17:11	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 17:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 17:11	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/14/23 17:11	75-01-4	
Xylene (Total)	0.38J	ug/L	3.0	0.28	1		07/14/23 17:11	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	80-120		1		07/14/23 17:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120		1		07/14/23 17:11	2199-69-1	
Toluene-d8 (S)	105	%	80-120		1		07/14/23 17:11	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 17:11		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: **WG-071223-CB-014** Lab ID: **60433073006** Collected: 07/12/23 10:50 Received: 07/12/23 16:40 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 17:24	67-64-1	
Benzene	0.18J	ug/L	1.0	0.14	1		07/14/23 17:24	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 17:24	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 17:24	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 17:24	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 17:24	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 17:24	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 17:24	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 17:24	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 17:24	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 17:24	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 17:24	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 17:24	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 17:24	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 17:24	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 17:24	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 17:24	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 17:24	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 17:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 17:24	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 17:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 17:24	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 17:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 17:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 17:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 17:24	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 17:24	75-71-8	
1,1-Dichloroethane	0.16J	ug/L	1.0	0.12	1		07/14/23 17:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 17:24	107-06-2	
1,2-Dichloroethene (Total)	119	ug/L	1.0	0.22	1		07/14/23 17:24	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 17:24	75-35-4	
cis-1,2-Dichloroethene	114	ug/L	1.0	0.13	1		07/14/23 17:24	156-59-2	
trans-1,2-Dichloroethene	5.0	ug/L	1.0	0.10	1		07/14/23 17:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 17:24	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 17:24	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 17:24	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 17:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 17:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 17:24	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 17:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 17:24	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 17:24	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 17:24	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 17:24	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 17:24	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071223-CB-014		Lab ID: 60433073006		Collected: 07/12/23 10:50		Received: 07/12/23 16:40		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 17:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 17:24	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 17:24	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 17:24	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 17:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 17:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 17:24	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 17:24	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 17:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 17:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 17:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 17:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 17:24	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/14/23 17:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 17:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 17:24	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 17:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 17:24	108-67-8	
Vinyl chloride	8.3	ug/L	1.0	0.17	1		07/14/23 17:24	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 17:24	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	80-120		1		07/14/23 17:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120		1		07/14/23 17:24	2199-69-1	
Toluene-d8 (S)	107	%	80-120		1		07/14/23 17:24	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 17:24		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071223-CB-015 Lab ID: 60433073007 Collected: 07/12/23 10:55 Received: 07/12/23 16:40 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 17:38	67-64-1	
Benzene	0.16J	ug/L	1.0	0.14	1		07/14/23 17:38	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 17:38	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 17:38	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 17:38	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 17:38	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 17:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 17:38	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 17:38	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 17:38	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 17:38	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 17:38	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 17:38	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 17:38	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 17:38	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 17:38	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 17:38	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 17:38	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 17:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 17:38	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 17:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 17:38	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 17:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 17:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 17:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 17:38	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 17:38	75-71-8	
1,1-Dichloroethane	0.17J	ug/L	1.0	0.12	1		07/14/23 17:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 17:38	107-06-2	
1,2-Dichloroethene (Total)	129	ug/L	1.0	0.22	1		07/14/23 17:38	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 17:38	75-35-4	
cis-1,2-Dichloroethene	123	ug/L	1.0	0.13	1		07/14/23 17:38	156-59-2	
trans-1,2-Dichloroethene	5.4	ug/L	1.0	0.10	1		07/14/23 17:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 17:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 17:38	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 17:38	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 17:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 17:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 17:38	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 17:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 17:38	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 17:38	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 17:38	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 17:38	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 17:38	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: **WG-071223-CB-015** Lab ID: **60433073007** Collected: 07/12/23 10:55 Received: 07/12/23 16:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 5030B/8260									
Pace Analytical Services - Kansas City									
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 17:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 17:38	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 17:38	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 17:38	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 17:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 17:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 17:38	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 17:38	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 17:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 17:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 17:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 17:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 17:38	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/14/23 17:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 17:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 17:38	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 17:38	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 17:38	108-67-8	
Vinyl chloride	9.5	ug/L	1.0	0.17	1		07/14/23 17:38	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 17:38	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	80-120		1		07/14/23 17:38	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	80-120		1		07/14/23 17:38	2199-69-1	
Toluene-d8 (S)	106	%	80-120		1		07/14/23 17:38	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 17:38		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: **WG-071223-CB-016** Lab ID: **60433073008** Collected: 07/12/23 11:35 Received: 07/12/23 16:40 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Kansas City								
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 17:51	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/14/23 17:51	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 17:51	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 17:51	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 17:51	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 17:51	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 17:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 17:51	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 17:51	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 17:51	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 17:51	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 17:51	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 17:51	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 17:51	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 17:51	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 17:51	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 17:51	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 17:51	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 17:51	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 17:51	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 17:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 17:51	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 17:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 17:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 17:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 17:51	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 17:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/14/23 17:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 17:51	107-06-2	
1,2-Dichloroethene (Total)	2.6	ug/L	1.0	0.22	1		07/14/23 17:51	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 17:51	75-35-4	
cis-1,2-Dichloroethene	2.5	ug/L	1.0	0.13	1		07/14/23 17:51	156-59-2	
trans-1,2-Dichloroethene	0.17J	ug/L	1.0	0.10	1		07/14/23 17:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 17:51	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 17:51	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 17:51	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 17:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 17:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 17:51	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 17:51	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 17:51	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 17:51	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 17:51	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 17:51	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 17:51	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071223-CB-016		Lab ID: 60433073008		Collected: 07/12/23 11:35		Received: 07/12/23 16:40		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 17:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 17:51	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 17:51	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 17:51	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 17:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 17:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 17:51	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 17:51	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 17:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 17:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 17:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 17:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 17:51	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/14/23 17:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 17:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 17:51	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 17:51	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 17:51	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/14/23 17:51	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 17:51	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	80-120		1		07/14/23 17:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	80-120		1		07/14/23 17:51	2199-69-1	
Toluene-d8 (S)	106	%	80-120		1		07/14/23 17:51	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 17:51		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: **WG-071223-CB-017** Lab ID: **60433073009** Collected: 07/12/23 13:45 Received: 07/12/23 16:40 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 18:04	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/14/23 18:04	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 18:04	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 18:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 18:04	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 18:04	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 18:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 18:04	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 18:04	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 18:04	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 18:04	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 18:04	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 18:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 18:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 18:04	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 18:04	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 18:04	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 18:04	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 18:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 18:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 18:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 18:04	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 18:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 18:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 18:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 18:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 18:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/14/23 18:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 18:04	107-06-2	
1,2-Dichloroethene (Total)	2.6	ug/L	1.0	0.22	1		07/14/23 18:04	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 18:04	75-35-4	
cis-1,2-Dichloroethene	2.4	ug/L	1.0	0.13	1		07/14/23 18:04	156-59-2	
trans-1,2-Dichloroethene	0.18J	ug/L	1.0	0.10	1		07/14/23 18:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 18:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 18:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 18:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 18:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 18:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 18:04	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 18:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 18:04	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 18:04	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 18:04	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 18:04	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 18:04	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: **WG-071223-CB-017** Lab ID: **60433073009** Collected: 07/12/23 13:45 Received: 07/12/23 16:40 Matrix: Water

Parameters	Results	Units	Report		MDL	DF	Prepared	Analyzed	CAS No.	Qual
			Limit							
8260 MSV										
Analytical Method: EPA 5030B/8260										
Pace Analytical Services - Kansas City										
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 18:04	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 18:04	1634-04-4		
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 18:04	91-20-3		
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 18:04	103-65-1		
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 18:04	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 18:04	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 18:04	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 18:04	127-18-4		
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 18:04	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 18:04	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 18:04	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 18:04	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 18:04	79-00-5		
Trichloroethene	ND	ug/L	1.0	0.21	1		07/14/23 18:04	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 18:04	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 18:04	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 18:04	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 18:04	108-67-8		
Vinyl chloride	3.0	ug/L	1.0	0.17	1		07/14/23 18:04	75-01-4		
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 18:04	1330-20-7		
Surrogates										
4-Bromofluorobenzene (S)	96	%	80-120		1		07/14/23 18:04	460-00-4		
1,2-Dichlorobenzene-d4 (S)	100	%	80-120		1		07/14/23 18:04	2199-69-1		
Toluene-d8 (S)	105	%	80-120		1		07/14/23 18:04	2037-26-5		
Preservation pH	1.0		0.10		1		07/14/23 18:04			

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: **WG-071223-CB-018** Lab ID: **60433073010** Collected: 07/12/23 14:30 Received: 07/12/23 16:40 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Kansas City								
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 18:18	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/14/23 18:18	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 18:18	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 18:18	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 18:18	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 18:18	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 18:18	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 18:18	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 18:18	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 18:18	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 18:18	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 18:18	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 18:18	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 18:18	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 18:18	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 18:18	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 18:18	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 18:18	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 18:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 18:18	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 18:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 18:18	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 18:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 18:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 18:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 18:18	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 18:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/14/23 18:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 18:18	107-06-2	
1,2-Dichloroethene (Total)	0.83J	ug/L	1.0	0.22	1		07/14/23 18:18	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 18:18	75-35-4	
cis-1,2-Dichloroethene	0.83J	ug/L	1.0	0.13	1		07/14/23 18:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/14/23 18:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 18:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 18:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 18:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 18:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 18:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 18:18	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 18:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 18:18	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 18:18	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 18:18	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 18:18	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 18:18	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: **WG-071223-CB-018** Lab ID: **60433073010** Collected: 07/12/23 14:30 Received: 07/12/23 16:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 5030B/8260									
Pace Analytical Services - Kansas City									
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 18:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 18:18	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 18:18	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 18:18	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 18:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 18:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 18:18	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 18:18	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 18:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 18:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 18:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 18:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 18:18	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/14/23 18:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 18:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 18:18	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 18:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 18:18	108-67-8	
Vinyl chloride	2.4	ug/L	1.0	0.17	1		07/14/23 18:18	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 18:18	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	80-120		1		07/14/23 18:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	80-120		1		07/14/23 18:18	2199-69-1	
Toluene-d8 (S)	105	%	80-120		1		07/14/23 18:18	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 18:18		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071123-PL-001 Lab ID: 60433073011 Collected: 07/11/23 09:55 Received: 07/12/23 16:40 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 12:52	67-64-1	
Benzene	0.55J	ug/L	1.0	0.14	1		07/14/23 12:52	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 12:52	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 12:52	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 12:52	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 12:52	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 12:52	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 12:52	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 12:52	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 12:52	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 12:52	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 12:52	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 12:52	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 12:52	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 12:52	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 12:52	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 12:52	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 12:52	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 12:52	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 12:52	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 12:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 12:52	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 12:52	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 12:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 12:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 12:52	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 12:52	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/14/23 12:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 12:52	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	0.22	1		07/14/23 12:52	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 12:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		07/14/23 12:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/14/23 12:52	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 12:52	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 12:52	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 12:52	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 12:52	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 12:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 12:52	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 12:52	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 12:52	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 12:52	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 12:52	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 12:52	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 12:52	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071123-PL-001		Lab ID: 60433073011		Collected: 07/11/23 09:55		Received: 07/12/23 16:40		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 12:52	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 12:52	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 12:52	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 12:52	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 12:52	100-42-5	L1
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 12:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 12:52	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 12:52	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 12:52	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 12:52	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 12:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 12:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 12:52	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/14/23 12:52	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 12:52	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 12:52	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 12:52	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 12:52	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/14/23 12:52	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 12:52	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	80-120		1		07/14/23 12:52	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	80-120		1		07/14/23 12:52	2199-69-1	
Toluene-d8 (S)	104	%	80-120		1		07/14/23 12:52	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 12:52		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071123-PL-002 Lab ID: 60433073012 Collected: 07/11/23 11:22 Received: 07/12/23 16:40 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 13:06	67-64-1	
Benzene	1.3	ug/L	1.0	0.14	1		07/14/23 13:06	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 13:06	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 13:06	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 13:06	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 13:06	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 13:06	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 13:06	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 13:06	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 13:06	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 13:06	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 13:06	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 13:06	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 13:06	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 13:06	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 13:06	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 13:06	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 13:06	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 13:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 13:06	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 13:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 13:06	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 13:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 13:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 13:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 13:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 13:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/14/23 13:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 13:06	107-06-2	
1,2-Dichloroethene (Total)	2.7	ug/L	1.0	0.22	1		07/14/23 13:06	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 13:06	75-35-4	
cis-1,2-Dichloroethene	2.5	ug/L	1.0	0.13	1		07/14/23 13:06	156-59-2	
trans-1,2-Dichloroethene	0.18J	ug/L	1.0	0.10	1		07/14/23 13:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 13:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 13:06	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 13:06	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 13:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 13:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 13:06	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 13:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 13:06	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 13:06	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 13:06	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 13:06	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 13:06	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071123-PL-002		Lab ID: 60433073012		Collected: 07/11/23 11:22		Received: 07/12/23 16:40		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 13:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 13:06	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 13:06	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 13:06	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 13:06	100-42-5	L1
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 13:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 13:06	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 13:06	127-18-4	
Toluene	0.45J	ug/L	1.0	0.25	1		07/14/23 13:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 13:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 13:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 13:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 13:06	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/14/23 13:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 13:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 13:06	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 13:06	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 13:06	108-67-8	
Vinyl chloride	3.4	ug/L	1.0	0.17	1		07/14/23 13:06	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 13:06	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120		1		07/14/23 13:06	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	80-120		1		07/14/23 13:06	2199-69-1	
Toluene-d8 (S)	103	%	80-120		1		07/14/23 13:06	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 13:06		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071123-PL-003 Lab ID: 60433073013 Collected: 07/11/23 12:35 Received: 07/12/23 16:40 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Kansas City								
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 13:20	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/14/23 13:20	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 13:20	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 13:20	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 13:20	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 13:20	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 13:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 13:20	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 13:20	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 13:20	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 13:20	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 13:20	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 13:20	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 13:20	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 13:20	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 13:20	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 13:20	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 13:20	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 13:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 13:20	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 13:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 13:20	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 13:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 13:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 13:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 13:20	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 13:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/14/23 13:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 13:20	107-06-2	
1,2-Dichloroethene (Total)	4.0	ug/L	1.0	0.22	1		07/14/23 13:20	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 13:20	75-35-4	
cis-1,2-Dichloroethene	3.8	ug/L	1.0	0.13	1		07/14/23 13:20	156-59-2	
trans-1,2-Dichloroethene	0.17J	ug/L	1.0	0.10	1		07/14/23 13:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 13:20	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 13:20	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 13:20	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 13:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 13:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 13:20	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 13:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 13:20	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 13:20	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 13:20	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 13:20	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 13:20	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071123-PL-003		Lab ID: 60433073013		Collected: 07/11/23 12:35		Received: 07/12/23 16:40		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 13:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 13:20	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 13:20	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 13:20	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 13:20	100-42-5	L1
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 13:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 13:20	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 13:20	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 13:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 13:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 13:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 13:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 13:20	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/14/23 13:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 13:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 13:20	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 13:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 13:20	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/14/23 13:20	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 13:20	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120		1		07/14/23 13:20	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	80-120		1		07/14/23 13:20	2199-69-1	
Toluene-d8 (S)	104	%	80-120		1		07/14/23 13:20	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 13:20		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071123-PL-004 Lab ID: 60433073014 Collected: 07/11/23 15:55 Received: 07/12/23 16:40 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 13:33	67-64-1	
Benzene	0.30J	ug/L	1.0	0.14	1		07/14/23 13:33	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 13:33	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 13:33	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 13:33	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 13:33	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 13:33	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 13:33	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 13:33	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 13:33	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 13:33	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 13:33	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 13:33	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 13:33	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 13:33	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 13:33	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 13:33	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 13:33	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 13:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 13:33	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 13:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 13:33	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 13:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 13:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 13:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 13:33	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 13:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/14/23 13:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 13:33	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	0.22	1		07/14/23 13:33	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 13:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		07/14/23 13:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/14/23 13:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 13:33	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 13:33	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 13:33	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 13:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 13:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 13:33	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 13:33	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 13:33	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 13:33	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 13:33	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 13:33	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 13:33	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071123-PL-004		Lab ID: 60433073014		Collected: 07/11/23 15:55		Received: 07/12/23 16:40		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 13:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 13:33	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 13:33	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 13:33	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 13:33	100-42-5	L1
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 13:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 13:33	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 13:33	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 13:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 13:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 13:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 13:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 13:33	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/14/23 13:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 13:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 13:33	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 13:33	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 13:33	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/14/23 13:33	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 13:33	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	80-120		1		07/14/23 13:33	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	80-120		1		07/14/23 13:33	2199-69-1	
Toluene-d8 (S)	101	%	80-120		1		07/14/23 13:33	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 13:33		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071123-PL-005		Lab ID: 60433073015		Collected: 07/11/23 17:10		Received: 07/12/23 16:40		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 13:47	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/14/23 13:47	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 13:47	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 13:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 13:47	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 13:47	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 13:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 13:47	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 13:47	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 13:47	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 13:47	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 13:47	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 13:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 13:47	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 13:47	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 13:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 13:47	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 13:47	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 13:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 13:47	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 13:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 13:47	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 13:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 13:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 13:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 13:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 13:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/14/23 13:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 13:47	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	0.22	1		07/14/23 13:47	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 13:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		07/14/23 13:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/14/23 13:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 13:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 13:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 13:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 13:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 13:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 13:47	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 13:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 13:47	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 13:47	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 13:47	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 13:47	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 13:47	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071123-PL-005		Lab ID: 60433073015		Collected: 07/11/23 17:10		Received: 07/12/23 16:40		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 13:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 13:47	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 13:47	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 13:47	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 13:47	100-42-5	L1
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 13:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 13:47	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 13:47	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 13:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 13:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 13:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 13:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 13:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/14/23 13:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 13:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 13:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 13:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 13:47	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/14/23 13:47	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 13:47	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120		1		07/14/23 13:47	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	80-120		1		07/14/23 13:47	2199-69-1	
Toluene-d8 (S)	102	%	80-120		1		07/14/23 13:47	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 13:47		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071123-PL-006 Lab ID: 60433073016 Collected: 07/11/23 18:50 Received: 07/13/23 12:38 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Kansas City								
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 14:00	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/14/23 14:00	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 14:00	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 14:00	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 14:00	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 14:00	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 14:00	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 14:00	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 14:00	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 14:00	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 14:00	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 14:00	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 14:00	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 14:00	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 14:00	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 14:00	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 14:00	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 14:00	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 14:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 14:00	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 14:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 14:00	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 14:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 14:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 14:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 14:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 14:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/14/23 14:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 14:00	107-06-2	
1,2-Dichloroethene (Total)	2.1	ug/L	1.0	0.22	1		07/14/23 14:00	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 14:00	75-35-4	
cis-1,2-Dichloroethene	2.0	ug/L	1.0	0.13	1		07/14/23 14:00	156-59-2	
trans-1,2-Dichloroethene	0.10J	ug/L	1.0	0.10	1		07/14/23 14:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 14:00	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 14:00	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 14:00	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 14:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 14:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 14:00	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 14:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 14:00	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 14:00	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 14:00	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 14:00	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 14:00	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071123-PL-006		Lab ID: 60433073016		Collected: 07/11/23 18:50		Received: 07/13/23 12:38		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 14:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 14:00	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 14:00	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 14:00	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 14:00	100-42-5	L1
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 14:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 14:00	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 14:00	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 14:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 14:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 14:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 14:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 14:00	79-00-5	
Trichloroethene	10.3	ug/L	1.0	0.21	1		07/14/23 14:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 14:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 14:00	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 14:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 14:00	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/14/23 14:00	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 14:00	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	80-120		1		07/14/23 14:00	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	80-120		1		07/14/23 14:00	2199-69-1	
Toluene-d8 (S)	104	%	80-120		1		07/14/23 14:00	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 14:00		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071123-PL-007 Lab ID: 60433073017 Collected: 07/11/23 19:30 Received: 07/13/23 12:38 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Kansas City								
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 14:14	67-64-1	
Benzene	0.57J	ug/L	1.0	0.14	1		07/14/23 14:14	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 14:14	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 14:14	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 14:14	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 14:14	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 14:14	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 14:14	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 14:14	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 14:14	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 14:14	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 14:14	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 14:14	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 14:14	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 14:14	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 14:14	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 14:14	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 14:14	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 14:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 14:14	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 14:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 14:14	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 14:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 14:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 14:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 14:14	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 14:14	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/14/23 14:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 14:14	107-06-2	
1,2-Dichloroethene (Total)	8.7	ug/L	1.0	0.22	1		07/14/23 14:14	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 14:14	75-35-4	
cis-1,2-Dichloroethene	7.9	ug/L	1.0	0.13	1		07/14/23 14:14	156-59-2	
trans-1,2-Dichloroethene	0.78J	ug/L	1.0	0.10	1		07/14/23 14:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 14:14	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 14:14	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 14:14	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 14:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 14:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 14:14	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 14:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 14:14	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 14:14	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 14:14	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 14:14	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 14:14	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071123-PL-007		Lab ID: 60433073017		Collected: 07/11/23 19:30		Received: 07/13/23 12:38		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 14:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 14:14	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 14:14	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 14:14	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 14:14	100-42-5	L1
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 14:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 14:14	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 14:14	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 14:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 14:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 14:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 14:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 14:14	79-00-5	
Trichloroethene	0.23J	ug/L	1.0	0.21	1		07/14/23 14:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 14:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 14:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 14:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 14:14	108-67-8	
Vinyl chloride	1.9	ug/L	1.0	0.17	1		07/14/23 14:14	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 14:14	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	80-120		1		07/14/23 14:14	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	80-120		1		07/14/23 14:14	2199-69-1	
Toluene-d8 (S)	103	%	80-120		1		07/14/23 14:14	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 14:14		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071223-PL-008 Lab ID: 60433073018 Collected: 07/12/23 10:20 Received: 07/13/23 12:38 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Kansas City								
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 18:31	67-64-1	
Benzene	0.52J	ug/L	1.0	0.14	1		07/14/23 18:31	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 18:31	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 18:31	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 18:31	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 18:31	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 18:31	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 18:31	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 18:31	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 18:31	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 18:31	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 18:31	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 18:31	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 18:31	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 18:31	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 18:31	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 18:31	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 18:31	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 18:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 18:31	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 18:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 18:31	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 18:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 18:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 18:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 18:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 18:31	75-71-8	
1,1-Dichloroethane	0.13J	ug/L	1.0	0.12	1		07/14/23 18:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 18:31	107-06-2	
1,2-Dichloroethene (Total)	32.3	ug/L	1.0	0.22	1		07/14/23 18:31	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 18:31	75-35-4	
cis-1,2-Dichloroethene	30.3	ug/L	1.0	0.13	1		07/14/23 18:31	156-59-2	
trans-1,2-Dichloroethene	1.9	ug/L	1.0	0.10	1		07/14/23 18:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 18:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 18:31	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 18:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 18:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 18:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 18:31	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 18:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 18:31	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 18:31	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 18:31	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 18:31	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 18:31	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071223-PL-008 Lab ID: 60433073018 Collected: 07/12/23 10:20 Received: 07/13/23 12:38 Matrix: Water

Parameters	Results	Units	Report		MDL	DF	Prepared	Analyzed	CAS No.	Qual
			Limit							
8260 MSV										
Analytical Method: EPA 5030B/8260										
Pace Analytical Services - Kansas City										
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 18:31	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 18:31	1634-04-4		
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 18:31	91-20-3		
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 18:31	103-65-1		
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 18:31	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 18:31	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 18:31	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 18:31	127-18-4		
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 18:31	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 18:31	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 18:31	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 18:31	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 18:31	79-00-5		
Trichloroethene	ND	ug/L	1.0	0.21	1		07/14/23 18:31	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 18:31	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 18:31	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 18:31	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 18:31	108-67-8		
Vinyl chloride	8.2	ug/L	1.0	0.17	1		07/14/23 18:31	75-01-4		
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 18:31	1330-20-7		
Surrogates										
4-Bromofluorobenzene (S)	99	%	80-120		1		07/14/23 18:31	460-00-4		
1,2-Dichlorobenzene-d4 (S)	102	%	80-120		1		07/14/23 18:31	2199-69-1		
Toluene-d8 (S)	107	%	80-120		1		07/14/23 18:31	2037-26-5		
Preservation pH	1.0		0.10		1		07/14/23 18:31			

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071223-PL-009 Lab ID: 60433073019 Collected: 07/12/23 11:15 Received: 07/13/23 12:38 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 18:45	67-64-1	
Benzene	0.24J	ug/L	1.0	0.14	1		07/14/23 18:45	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 18:45	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 18:45	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 18:45	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 18:45	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 18:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 18:45	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 18:45	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 18:45	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 18:45	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 18:45	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 18:45	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 18:45	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 18:45	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 18:45	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 18:45	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 18:45	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 18:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 18:45	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 18:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 18:45	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 18:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 18:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 18:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 18:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 18:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/14/23 18:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 18:45	107-06-2	
1,2-Dichloroethene (Total)	2.8	ug/L	1.0	0.22	1		07/14/23 18:45	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 18:45	75-35-4	
cis-1,2-Dichloroethene	2.7	ug/L	1.0	0.13	1		07/14/23 18:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/14/23 18:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 18:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 18:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 18:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 18:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 18:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 18:45	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 18:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 18:45	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 18:45	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 18:45	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 18:45	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 18:45	75-09-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071223-PL-009		Lab ID: 60433073019		Collected: 07/12/23 11:15		Received: 07/13/23 12:38		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 18:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 18:45	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 18:45	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 18:45	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 18:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 18:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 18:45	79-34-5	
Tetrachloroethene	0.42J	ug/L	1.0	0.33	1		07/14/23 18:45	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 18:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 18:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 18:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 18:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 18:45	79-00-5	
Trichloroethene	0.36J	ug/L	1.0	0.21	1		07/14/23 18:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 18:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 18:45	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 18:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 18:45	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/14/23 18:45	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 18:45	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120		1		07/14/23 18:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	80-120		1		07/14/23 18:45	2199-69-1	
Toluene-d8 (S)	105	%	80-120		1		07/14/23 18:45	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 18:45		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071223-PL-010 Lab ID: 60433073020 Collected: 07/12/23 11:55 Received: 07/13/23 12:38 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	07/14/23 12:23	07/14/23 22:26		
MRH (C9-C18)	ND	mg/L	0.058	0.053	1	07/14/23 12:23	07/14/23 22:26		
Surrogates									
1-Chloro-octadecane (S)	106	%	40-140		1	07/14/23 12:23	07/14/23 22:26	3386-33-2	
LRH (C5 - C8) Water Analytical Method: KS LRH: EPA 5030B/8015C Pace Analytical Services - Kansas City									
LRH (C5-C8)	ND	mg/L	0.050	0.011	1		07/20/23 17:45		
Surrogates									
4-Bromofluorobenzene (S)	85	%	70-130		1		07/20/23 17:45	460-00-4	
Preservation pH	1.0				1		07/20/23 17:45		
8260 MSV Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 18:58	67-64-1	
Benzene	0.21J	ug/L	1.0	0.14	1		07/14/23 18:58	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 18:58	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 18:58	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 18:58	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 18:58	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 18:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 18:58	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 18:58	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 18:58	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 18:58	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 18:58	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 18:58	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 18:58	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 18:58	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 18:58	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 18:58	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 18:58	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 18:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 18:58	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 18:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 18:58	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 18:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 18:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 18:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 18:58	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 18:58	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/14/23 18:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 18:58	107-06-2	
1,2-Dichloroethene (Total)	7.2	ug/L	1.0	0.22	1		07/14/23 18:58	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 18:58	75-35-4	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071223-PL-010 Lab ID: 60433073020 Collected: 07/12/23 11:55 Received: 07/13/23 12:38 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City									
cis-1,2-Dichloroethene	6.9	ug/L	1.0	0.13	1		07/14/23 18:58	156-59-2	
trans-1,2-Dichloroethene	0.31J	ug/L	1.0	0.10	1		07/14/23 18:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 18:58	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 18:58	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 18:58	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 18:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 18:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 18:58	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 18:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 18:58	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 18:58	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 18:58	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 18:58	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 18:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 18:58	108-10-1	
Methyl-tert-butyl ether	0.14J	ug/L	1.0	0.13	1		07/14/23 18:58	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 18:58	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 18:58	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 18:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 18:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 18:58	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 18:58	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 18:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 18:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 18:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 18:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 18:58	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/14/23 18:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 18:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 18:58	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 18:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 18:58	108-67-8	
Vinyl chloride	0.94J	ug/L	1.0	0.17	1		07/14/23 18:58	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 18:58	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	80-120		1		07/14/23 18:58	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120		1		07/14/23 18:58	2199-69-1	
Toluene-d8 (S)	106	%	80-120		1		07/14/23 18:58	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 18:58		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: TB-071223-001 Lab ID: 60433073021 Collected: 07/12/23 08:00 Received: 07/13/23 12:38 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 16:03	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/14/23 16:03	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 16:03	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 16:03	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 16:03	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 16:03	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 16:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 16:03	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 16:03	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 16:03	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 16:03	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 16:03	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 16:03	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 16:03	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 16:03	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 16:03	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 16:03	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 16:03	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 16:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 16:03	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 16:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 16:03	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 16:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 16:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 16:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 16:03	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 16:03	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/14/23 16:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 16:03	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	0.22	1		07/14/23 16:03	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 16:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		07/14/23 16:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/14/23 16:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 16:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 16:03	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 16:03	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 16:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 16:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 16:03	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 16:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 16:03	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 16:03	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 16:03	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 16:03	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 16:03	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: TB-071223-001		Lab ID: 60433073021		Collected: 07/12/23 08:00		Received: 07/13/23 12:38		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 16:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 16:03	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 16:03	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 16:03	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 16:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 16:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 16:03	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 16:03	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 16:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 16:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 16:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 16:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 16:03	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/14/23 16:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 16:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 16:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 16:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 16:03	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/14/23 16:03	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 16:03	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	80-120		1		07/14/23 16:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120		1		07/14/23 16:03	2199-69-1	
Toluene-d8 (S)	104	%	80-120		1		07/14/23 16:03	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 16:03		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071023-CB-001 Lab ID: 60433073022 Collected: 07/10/23 12:40 Received: 07/13/23 12:38 Matrix: Water

Parameters	Results	Units	Report	MDL	DF	Prepared	Analyzed	CAS No.	Qual
			Limit						
8260 MSV	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Kansas City								
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 11:03	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/14/23 11:03	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 11:03	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 11:03	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 11:03	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 11:03	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 11:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 11:03	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 11:03	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 11:03	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 11:03	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 11:03	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 11:03	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 11:03	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 11:03	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 11:03	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 11:03	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 11:03	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 11:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 11:03	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 11:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 11:03	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 11:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 11:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 11:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 11:03	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 11:03	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/14/23 11:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 11:03	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	0.22	1		07/14/23 11:03	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 11:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		07/14/23 11:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/14/23 11:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 11:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 11:03	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 11:03	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 11:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 11:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 11:03	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 11:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 11:03	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 11:03	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 11:03	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 11:03	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 11:03	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071023-CB-001 Lab ID: 60433073022 Collected: 07/10/23 12:40 Received: 07/13/23 12:38 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 5030B/8260									
Pace Analytical Services - Kansas City									
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 11:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 11:03	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 11:03	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 11:03	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 11:03	100-42-5	L1
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 11:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 11:03	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 11:03	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 11:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 11:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 11:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 11:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 11:03	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/14/23 11:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 11:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 11:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 11:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 11:03	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/14/23 11:03	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 11:03	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	80-120		1		07/14/23 11:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	80-120		1		07/14/23 11:03	2199-69-1	
Toluene-d8 (S)	104	%	80-120		1		07/14/23 11:03	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 11:03		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: **WG-071023-CB-002** Lab ID: **60433073023** Collected: 07/10/23 13:30 Received: 07/13/23 12:38 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 11:17	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/14/23 11:17	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 11:17	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 11:17	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 11:17	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 11:17	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 11:17	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 11:17	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 11:17	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 11:17	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 11:17	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 11:17	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 11:17	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 11:17	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 11:17	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 11:17	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 11:17	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 11:17	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 11:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 11:17	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 11:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 11:17	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 11:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 11:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 11:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 11:17	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 11:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/14/23 11:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 11:17	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	0.22	1		07/14/23 11:17	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 11:17	75-35-4	
cis-1,2-Dichloroethene	0.20J	ug/L	1.0	0.13	1		07/14/23 11:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/14/23 11:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 11:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 11:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 11:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 11:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 11:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 11:17	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 11:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 11:17	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 11:17	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 11:17	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 11:17	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 11:17	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071023-CB-002 Lab ID: 60433073023 Collected: 07/10/23 13:30 Received: 07/13/23 12:38 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 5030B/8260									
Pace Analytical Services - Kansas City									
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 11:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 11:17	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 11:17	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 11:17	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 11:17	100-42-5	L1
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 11:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 11:17	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 11:17	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 11:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 11:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 11:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 11:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 11:17	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/14/23 11:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 11:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 11:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 11:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 11:17	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/14/23 11:17	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 11:17	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	80-120		1		07/14/23 11:17	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	80-120		1		07/14/23 11:17	2199-69-1	
Toluene-d8 (S)	104	%	80-120		1		07/14/23 11:17	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 11:17		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071023-CB-003 Lab ID: 60433073024 Collected: 07/10/23 14:10 Received: 07/13/23 12:38 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 11:30	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/14/23 11:30	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 11:30	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 11:30	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 11:30	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 11:30	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 11:30	74-83-9	
2-Butanone (MEK)	1.2J	ug/L	10.0	0.98	1		07/14/23 11:30	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 11:30	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 11:30	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 11:30	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 11:30	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 11:30	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 11:30	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 11:30	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 11:30	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 11:30	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 11:30	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 11:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 11:30	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 11:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 11:30	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 11:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 11:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 11:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 11:30	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 11:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/14/23 11:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 11:30	107-06-2	
1,2-Dichloroethene (Total)	1.8	ug/L	1.0	0.22	1		07/14/23 11:30	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 11:30	75-35-4	
cis-1,2-Dichloroethene	1.7	ug/L	1.0	0.13	1		07/14/23 11:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/14/23 11:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 11:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 11:30	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 11:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 11:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 11:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 11:30	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 11:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 11:30	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 11:30	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 11:30	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 11:30	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 11:30	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071023-CB-003 Lab ID: 60433073024 Collected: 07/10/23 14:10 Received: 07/13/23 12:38 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City									
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 11:30	108-10-1	
Methyl-tert-butyl ether	1.1	ug/L	1.0	0.13	1		07/14/23 11:30	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 11:30	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 11:30	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 11:30	100-42-5	L1
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 11:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 11:30	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 11:30	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 11:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 11:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 11:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 11:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 11:30	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/14/23 11:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 11:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 11:30	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 11:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 11:30	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/14/23 11:30	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 11:30	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120		1		07/14/23 11:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	80-120		1		07/14/23 11:30	2199-69-1	
Toluene-d8 (S)	103	%	80-120		1		07/14/23 11:30	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 11:30		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: **WG-071023-CB-004** Lab ID: **60433073025** Collected: 07/10/23 16:05 Received: 07/13/23 12:38 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 11:44	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/14/23 11:44	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 11:44	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 11:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 11:44	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 11:44	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 11:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 11:44	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 11:44	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 11:44	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 11:44	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 11:44	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 11:44	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 11:44	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 11:44	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 11:44	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 11:44	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 11:44	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 11:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 11:44	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 11:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 11:44	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 11:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 11:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 11:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 11:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 11:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/14/23 11:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 11:44	107-06-2	
1,2-Dichloroethene (Total)	0.39J	ug/L	1.0	0.22	1		07/14/23 11:44	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 11:44	75-35-4	
cis-1,2-Dichloroethene	0.39J	ug/L	1.0	0.13	1		07/14/23 11:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/14/23 11:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 11:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 11:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 11:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 11:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 11:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 11:44	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 11:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 11:44	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 11:44	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 11:44	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 11:44	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 11:44	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071023-CB-004 Lab ID: 60433073025 Collected: 07/10/23 16:05 Received: 07/13/23 12:38 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City									
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 11:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 11:44	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 11:44	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 11:44	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 11:44	100-42-5	L1
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 11:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 11:44	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 11:44	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 11:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 11:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 11:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 11:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 11:44	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/14/23 11:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 11:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 11:44	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 11:44	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 11:44	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/14/23 11:44	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 11:44	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	80-120		1		07/14/23 11:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120		1		07/14/23 11:44	2199-69-1	
Toluene-d8 (S)	102	%	80-120		1		07/14/23 11:44	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 11:44		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071023-CB-005 Lab ID: 60433073026 Collected: 07/10/23 16:10 Received: 07/13/23 12:38 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 11:58	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/14/23 11:58	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 11:58	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 11:58	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 11:58	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 11:58	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 11:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 11:58	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 11:58	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 11:58	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 11:58	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 11:58	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 11:58	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 11:58	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 11:58	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 11:58	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 11:58	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 11:58	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 11:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 11:58	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 11:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 11:58	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 11:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 11:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 11:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 11:58	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 11:58	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/14/23 11:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 11:58	107-06-2	
1,2-Dichloroethene (Total)	0.35J	ug/L	1.0	0.22	1		07/14/23 11:58	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 11:58	75-35-4	
cis-1,2-Dichloroethene	0.35J	ug/L	1.0	0.13	1		07/14/23 11:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/14/23 11:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 11:58	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 11:58	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 11:58	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 11:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 11:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 11:58	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 11:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 11:58	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 11:58	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 11:58	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 11:58	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 11:58	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071023-CB-005 Lab ID: 60433073026 Collected: 07/10/23 16:10 Received: 07/13/23 12:38 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City									
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 11:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 11:58	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 11:58	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 11:58	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 11:58	100-42-5	L1
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 11:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 11:58	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 11:58	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 11:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 11:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 11:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 11:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 11:58	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/14/23 11:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 11:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 11:58	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 11:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 11:58	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/14/23 11:58	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 11:58	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	80-120		1		07/14/23 11:58	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	80-120		1		07/14/23 11:58	2199-69-1	
Toluene-d8 (S)	102	%	80-120		1		07/14/23 11:58	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 11:58		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: **WG-071023-CB-006** Lab ID: **60433073027** Collected: 07/10/23 16:50 Received: 07/13/23 12:38 Matrix: Water

Parameters	Results	Units	Report	MDL	DF	Prepared	Analyzed	CAS No.	Qual
			Limit						
8260 MSV	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Kansas City								
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 12:11	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/14/23 12:11	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 12:11	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 12:11	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 12:11	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 12:11	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 12:11	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 12:11	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 12:11	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 12:11	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 12:11	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 12:11	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 12:11	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 12:11	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 12:11	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 12:11	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 12:11	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 12:11	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 12:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 12:11	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 12:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 12:11	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 12:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 12:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 12:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 12:11	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 12:11	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/14/23 12:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 12:11	107-06-2	
1,2-Dichloroethene (Total)	45.1	ug/L	1.0	0.22	1		07/14/23 12:11	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 12:11	75-35-4	
cis-1,2-Dichloroethene	44.0	ug/L	1.0	0.13	1		07/14/23 12:11	156-59-2	
trans-1,2-Dichloroethene	1.1	ug/L	1.0	0.10	1		07/14/23 12:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 12:11	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 12:11	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 12:11	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 12:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 12:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 12:11	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 12:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 12:11	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 12:11	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 12:11	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 12:11	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 12:11	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071023-CB-006		Lab ID: 60433073027		Collected: 07/10/23 16:50		Received: 07/13/23 12:38		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 12:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 12:11	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 12:11	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 12:11	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 12:11	100-42-5	L1
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 12:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 12:11	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 12:11	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 12:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 12:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 12:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 12:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 12:11	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/14/23 12:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 12:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 12:11	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 12:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 12:11	108-67-8	
Vinyl chloride	18.5	ug/L	1.0	0.17	1		07/14/23 12:11	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 12:11	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	80-120		1		07/14/23 12:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	80-120		1		07/14/23 12:11	2199-69-1	
Toluene-d8 (S)	106	%	80-120		1		07/14/23 12:11	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 12:11		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071123-CB-007 Lab ID: 60433073028 Collected: 07/11/23 09:50 Received: 07/13/23 12:38 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Kansas City								
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 14:28	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/14/23 14:28	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 14:28	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 14:28	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 14:28	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 14:28	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 14:28	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 14:28	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 14:28	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 14:28	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 14:28	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 14:28	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 14:28	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 14:28	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 14:28	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 14:28	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 14:28	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 14:28	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 14:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 14:28	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 14:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 14:28	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 14:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 14:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 14:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 14:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 14:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/14/23 14:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 14:28	107-06-2	
1,2-Dichloroethene (Total)	1.8	ug/L	1.0	0.22	1		07/14/23 14:28	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 14:28	75-35-4	
cis-1,2-Dichloroethene	1.8	ug/L	1.0	0.13	1		07/14/23 14:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/14/23 14:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 14:28	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 14:28	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 14:28	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 14:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 14:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 14:28	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 14:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 14:28	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 14:28	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 14:28	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 14:28	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 14:28	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071123-CB-007		Lab ID: 60433073028		Collected: 07/11/23 09:50		Received: 07/13/23 12:38		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 14:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 14:28	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 14:28	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 14:28	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 14:28	100-42-5	L1
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 14:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 14:28	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 14:28	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 14:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 14:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 14:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 14:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 14:28	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/14/23 14:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 14:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 14:28	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 14:28	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 14:28	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/14/23 14:28	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 14:28	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	80-120		1		07/14/23 14:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	80-120		1		07/14/23 14:28	2199-69-1	
Toluene-d8 (S)	103	%	80-120		1		07/14/23 14:28	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 14:28		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071123-CB-008 Lab ID: 60433073029 Collected: 07/11/23 11:25 Received: 07/13/23 12:38 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 16:57	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/14/23 16:57	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 16:57	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 16:57	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 16:57	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 16:57	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 16:57	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 16:57	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 16:57	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 16:57	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 16:57	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 16:57	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 16:57	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 16:57	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 16:57	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 16:57	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 16:57	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 16:57	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 16:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 16:57	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 16:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 16:57	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 16:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 16:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 16:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 16:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 16:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/14/23 16:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 16:57	107-06-2	
1,2-Dichloroethene (Total)	0.80J	ug/L	1.0	0.22	1		07/14/23 16:57	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 16:57	75-35-4	
cis-1,2-Dichloroethene	0.80J	ug/L	1.0	0.13	1		07/14/23 16:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/14/23 16:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 16:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 16:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 16:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 16:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 16:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 16:57	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 16:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 16:57	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 16:57	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 16:57	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 16:57	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 16:57	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: WG-071123-CB-008		Lab ID: 60433073029		Collected: 07/11/23 11:25		Received: 07/13/23 12:38		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 16:57	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 16:57	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 16:57	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 16:57	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 16:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 16:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 16:57	79-34-5	
Tetrachloroethene	4.9	ug/L	1.0	0.33	1		07/14/23 16:57	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 16:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 16:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 16:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 16:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 16:57	79-00-5	
Trichloroethene	0.84J	ug/L	1.0	0.21	1		07/14/23 16:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 16:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 16:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 16:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 16:57	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/14/23 16:57	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 16:57	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	80-120		1		07/14/23 16:57	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	80-120		1		07/14/23 16:57	2199-69-1	
Toluene-d8 (S)	104	%	80-120		1		07/14/23 16:57	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 16:57		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: TB-071223-002 Lab ID: 60433073030 Collected: 07/12/23 08:00 Received: 07/13/23 12:38 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/14/23 16:17	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/14/23 16:17	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		07/14/23 16:17	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		07/14/23 16:17	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/14/23 16:17	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/14/23 16:17	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/14/23 16:17	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/14/23 16:17	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		07/14/23 16:17	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		07/14/23 16:17	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 16:17	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/14/23 16:17	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/14/23 16:17	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/14/23 16:17	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/14/23 16:17	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/14/23 16:17	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/14/23 16:17	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		07/14/23 16:17	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		07/14/23 16:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/14/23 16:17	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/14/23 16:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/14/23 16:17	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		07/14/23 16:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/14/23 16:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 16:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/14/23 16:17	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/14/23 16:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/14/23 16:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/14/23 16:17	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	0.22	1		07/14/23 16:17	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/14/23 16:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		07/14/23 16:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/14/23 16:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/14/23 16:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		07/14/23 16:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		07/14/23 16:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		07/14/23 16:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/14/23 16:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/14/23 16:17	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 16:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		07/14/23 16:17	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/14/23 16:17	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/14/23 16:17	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		07/14/23 16:17	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/14/23 16:17	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Sample: TB-071223-002		Lab ID: 60433073030		Collected: 07/12/23 08:00		Received: 07/13/23 12:38		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 5030B/8260									
Pace Analytical Services - Kansas City									
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/14/23 16:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/14/23 16:17	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		07/14/23 16:17	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		07/14/23 16:17	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		07/14/23 16:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		07/14/23 16:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/14/23 16:17	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/14/23 16:17	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/14/23 16:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		07/14/23 16:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/14/23 16:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/14/23 16:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/14/23 16:17	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/14/23 16:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/14/23 16:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		07/14/23 16:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		07/14/23 16:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		07/14/23 16:17	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/14/23 16:17	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/14/23 16:17	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	80-120		1		07/14/23 16:17	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	80-120		1		07/14/23 16:17	2199-69-1	
Toluene-d8 (S)	102	%	80-120		1		07/14/23 16:17	2037-26-5	
Preservation pH	1.0		0.10		1		07/14/23 16:17		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

QC Batch:	857259	Analysis Method:	KS LRH: EPA 5030B/8015C
QC Batch Method:	KS LRH: EPA 5030B/8015C	Analysis Description:	LRH (C5 - C8) Water
		Laboratory:	Pace Analytical Services - Kansas City

Associated Lab Samples: 60433073005, 60433073020

METHOD BLANK: 3394672 Matrix: Water

Associated Lab Samples: 60433073005, 60433073020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
LRH (C5-C8)	mg/L	ND	0.050	0.011	07/20/23 13:44	
4-Bromofluorobenzene (S)	%	82	70-130		07/20/23 13:44	

LABORATORY CONTROL SAMPLE & LCSD: 3394673

3394674

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
LRH (C5-C8)	mg/L	0.4	0.37	0.40	91	100	70-130	9	25	
4-Bromofluorobenzene (S)	%				84	85	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

QC Batch:	856459	Analysis Method:	EPA 5030B/8260
QC Batch Method:	EPA 5030B/8260	Analysis Description:	8260 MSV Water 10 mL Purge
		Laboratory:	Pace Analytical Services - Kansas City

Associated Lab Samples: 60433073001, 60433073002, 60433073003, 60433073004, 60433073011, 60433073012, 60433073013, 60433073014, 60433073015, 60433073016, 60433073017, 60433073022, 60433073023, 60433073024, 60433073025, 60433073026, 60433073027, 60433073028

METHOD BLANK: 3391758

Matrix: Water

Associated Lab Samples: 60433073001, 60433073002, 60433073003, 60433073004, 60433073011, 60433073012, 60433073013, 60433073014, 60433073015, 60433073016, 60433073017, 60433073022, 60433073023, 60433073024, 60433073025, 60433073026, 60433073027, 60433073028

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.084	07/14/23 10:22	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.11	07/14/23 10:22	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.15	07/14/23 10:22	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.14	07/14/23 10:22	
1,1-Dichloroethane	ug/L	ND	1.0	0.12	07/14/23 10:22	
1,1-Dichloroethene	ug/L	ND	1.0	0.22	07/14/23 10:22	
1,1-Dichloropropene	ug/L	ND	1.0	0.14	07/14/23 10:22	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.93	07/14/23 10:22	
1,2,3-Trichloropropane	ug/L	ND	2.5	0.41	07/14/23 10:22	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.73	07/14/23 10:22	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	0.32	07/14/23 10:22	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	0.78	07/14/23 10:22	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.20	07/14/23 10:22	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.12	07/14/23 10:22	
1,2-Dichloroethane	ug/L	ND	1.0	0.21	07/14/23 10:22	
1,2-Dichloroethene (Total)	ug/L	ND	1.0	0.22	07/14/23 10:22	
1,2-Dichloropropane	ug/L	ND	1.0	0.14	07/14/23 10:22	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	0.090	07/14/23 10:22	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.13	07/14/23 10:22	
1,3-Dichloropropane	ug/L	ND	1.0	0.10	07/14/23 10:22	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.13	07/14/23 10:22	
2,2-Dichloropropane	ug/L	ND	1.0	0.16	07/14/23 10:22	
2-Butanone (MEK)	ug/L	ND	10.0	0.98	07/14/23 10:22	
2-Chlorotoluene	ug/L	ND	1.0	0.11	07/14/23 10:22	
2-Hexanone	ug/L	ND	10.0	1.1	07/14/23 10:22	
4-Chlorotoluene	ug/L	ND	1.0	0.15	07/14/23 10:22	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	0.74	07/14/23 10:22	
Acetone	ug/L	ND	10.0	2.5	07/14/23 10:22	
Benzene	ug/L	ND	1.0	0.14	07/14/23 10:22	
Bromobenzene	ug/L	ND	1.0	0.088	07/14/23 10:22	
Bromochloromethane	ug/L	ND	1.0	0.20	07/14/23 10:22	
Bromodichloromethane	ug/L	ND	1.0	0.16	07/14/23 10:22	
Bromoform	ug/L	ND	1.0	0.68	07/14/23 10:22	
Bromomethane	ug/L	ND	5.0	0.46	07/14/23 10:22	
Carbon disulfide	ug/L	ND	5.0	0.98	07/14/23 10:22	
Carbon tetrachloride	ug/L	ND	1.0	0.17	07/14/23 10:22	
Chlorobenzene	ug/L	ND	1.0	0.089	07/14/23 10:22	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

METHOD BLANK: 3391758

Matrix: Water

Associated Lab Samples: 60433073001, 60433073002, 60433073003, 60433073004, 60433073011, 60433073012, 60433073013, 60433073014, 60433073015, 60433073016, 60433073017, 60433073022, 60433073023, 60433073024, 60433073025, 60433073026, 60433073027, 60433073028

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloroethane	ug/L	ND	1.0	0.37	07/14/23 10:22	
Chloroform	ug/L	ND	1.0	0.22	07/14/23 10:22	
Chloromethane	ug/L	ND	1.0	0.28	07/14/23 10:22	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.13	07/14/23 10:22	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.078	07/14/23 10:22	
Dibromochloromethane	ug/L	ND	1.0	0.30	07/14/23 10:22	
Dibromomethane	ug/L	ND	1.0	0.11	07/14/23 10:22	
Dichlorodifluoromethane	ug/L	ND	1.0	0.20	07/14/23 10:22	
Ethylbenzene	ug/L	ND	1.0	0.12	07/14/23 10:22	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	0.42	07/14/23 10:22	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	0.097	07/14/23 10:22	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.13	07/14/23 10:22	
Methylene Chloride	ug/L	ND	1.0	0.39	07/14/23 10:22	
n-Butylbenzene	ug/L	ND	1.0	0.15	07/14/23 10:22	
n-Propylbenzene	ug/L	ND	1.0	0.12	07/14/23 10:22	
Naphthalene	ug/L	ND	10.0	0.82	07/14/23 10:22	
p-Isopropyltoluene	ug/L	ND	1.0	0.13	07/14/23 10:22	
sec-Butylbenzene	ug/L	ND	1.0	0.11	07/14/23 10:22	
Styrene	ug/L	ND	1.0	0.12	07/14/23 10:22	
tert-Butylbenzene	ug/L	ND	1.0	0.12	07/14/23 10:22	
Tetrachloroethene	ug/L	ND	1.0	0.33	07/14/23 10:22	
Toluene	ug/L	ND	1.0	0.25	07/14/23 10:22	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.10	07/14/23 10:22	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.18	07/14/23 10:22	
Trichloroethene	ug/L	ND	1.0	0.21	07/14/23 10:22	
Trichlorofluoromethane	ug/L	ND	1.0	0.16	07/14/23 10:22	
Vinyl chloride	ug/L	ND	1.0	0.17	07/14/23 10:22	
Xylene (Total)	ug/L	ND	3.0	0.28	07/14/23 10:22	
1,2-Dichlorobenzene-d4 (S)	%	99	80-120		07/14/23 10:22	
4-Bromofluorobenzene (S)	%	96	80-120		07/14/23 10:22	
Toluene-d8 (S)	%	103	80-120		07/14/23 10:22	

LABORATORY CONTROL SAMPLE: 3391759

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	23.7	118	80-120	
1,1,1-Trichloroethane	ug/L	20	21.5	108	75-125	
1,1,2,2-Tetrachloroethane	ug/L	20	23.2	116	80-120	
1,1,2-Trichloroethane	ug/L	20	23.4	117	80-120	
1,1-Dichloroethane	ug/L	20	20.6	103	75-120	
1,1-Dichloroethene	ug/L	20	20.5	103	75-120	
1,1-Dichloropropene	ug/L	20	21.4	107	75-125	

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QUALITY CONTROL DATA

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

LABORATORY CONTROL SAMPLE: 3391759

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichlorobenzene	ug/L	20	23.3	116	60-135	
1,2,3-Trichloropropane	ug/L	20	23.5	117	75-120	
1,2,4-Trichlorobenzene	ug/L	20	21.4	107	65-130	
1,2,4-Trimethylbenzene	ug/L	20	21.7	108	80-120	
1,2-Dibromo-3-chloropropane	ug/L	20	22.0	110	65-130	
1,2-Dibromoethane (EDB)	ug/L	20	23.7	118	80-120	
1,2-Dichlorobenzene	ug/L	20	22.9	114	80-120	
1,2-Dichloroethane	ug/L	20	21.5	107	80-120	
1,2-Dichloroethene (Total)	ug/L	40	40.1	100	80-120	
1,2-Dichloropropane	ug/L	20	21.1	106	80-120	
1,3,5-Trimethylbenzene	ug/L	20	22.4	112	75-120	
1,3-Dichlorobenzene	ug/L	20	22.9	114	80-120	
1,3-Dichloropropane	ug/L	20	22.7	114	80-120	
1,4-Dichlorobenzene	ug/L	20	22.1	111	80-120	
2,2-Dichloropropane	ug/L	20	22.0	110	55-135	
2-Butanone (MEK)	ug/L	100	109	109	50-155	
2-Chlorotoluene	ug/L	20	20.9	105	80-120	
2-Hexanone	ug/L	100	112	112	55-145	
4-Chlorotoluene	ug/L	20	22.2	111	80-120	
4-Methyl-2-pentanone (MIBK)	ug/L	100	106	106	70-130	
Acetone	ug/L	100	95.0	95	35-160	
Benzene	ug/L	20	21.5	108	80-120	
Bromobenzene	ug/L	20	23.3	116	80-120	
Bromochloromethane	ug/L	20	23.0	115	80-120	
Bromodichloromethane	ug/L	20	21.9	110	80-120	
Bromoform	ug/L	20	24.2	121	60-130	
Bromomethane	ug/L	20	20.9	104	50-140	
Carbon disulfide	ug/L	20	21.1	105	75-125	
Carbon tetrachloride	ug/L	20	22.5	112	70-130	
Chlorobenzene	ug/L	20	22.5	112	80-120	
Chloroethane	ug/L	20	21.0	105	70-130	
Chloroform	ug/L	20	19.9	99	75-120	
Chloromethane	ug/L	20	19.4	97	45-145	
cis-1,2-Dichloroethene	ug/L	20	21.2	106	80-120	
cis-1,3-Dichloropropene	ug/L	20	21.7	109	75-125	
Dibromochloromethane	ug/L	20	24.0	120	75-125	
Dibromomethane	ug/L	20	22.0	110	80-120	
Dichlorodifluoromethane	ug/L	20	22.3	112	25-180	
Ethylbenzene	ug/L	20	21.9	109	80-120	
Hexachloro-1,3-butadiene	ug/L	20	21.0	105	65-125	
Isopropylbenzene (Cumene)	ug/L	20	21.4	107	80-125	
Methyl-tert-butyl ether	ug/L	20	20.9	105	75-125	
Methylene Chloride	ug/L	20	18.6	93	70-140	
n-Butylbenzene	ug/L	20	22.1	111	70-125	
n-Propylbenzene	ug/L	20	21.9	110	80-120	
Naphthalene	ug/L	20	23.2	116	60-140	
p-Isopropyltoluene	ug/L	20	22.5	113	80-120	

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QUALITY CONTROL DATA

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

LABORATORY CONTROL SAMPLE: 3391759

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	ug/L	20	22.9	114	80-120	
Styrene	ug/L	20	24.6	123	80-120	L1
tert-Butylbenzene	ug/L	20	22.0	110	80-120	
Tetrachloroethene	ug/L	20	22.8	114	80-125	
Toluene	ug/L	20	21.9	109	80-120	
trans-1,2-Dichloroethene	ug/L	20	18.8	94	80-120	
trans-1,3-Dichloropropene	ug/L	20	23.0	115	75-125	
Trichloroethene	ug/L	20	20.4	102	80-125	
Trichlorofluoromethane	ug/L	20	22.1	111	75-125	
Vinyl chloride	ug/L	20	22.0	110	65-140	
Xylene (Total)	ug/L	60	62.4	104	80-120	
1,2-Dichlorobenzene-d4 (S)	%			102	80-120	
4-Bromofluorobenzene (S)	%			100	80-120	
Toluene-d8 (S)	%			103	80-120	

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QUALITY CONTROL DATA

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

QC Batch:	856515	Analysis Method:	EPA 5030B/8260
QC Batch Method:	EPA 5030B/8260	Analysis Description:	8260 MSV Water 10 mL Purge
		Laboratory:	Pace Analytical Services - Kansas City
Associated Lab Samples:	60433073005, 60433073006, 60433073007, 60433073008, 60433073009, 60433073010, 60433073018, 60433073019, 60433073020, 60433073021, 60433073029, 60433073030		

METHOD BLANK: 3392012

Matrix: Water

Associated Lab Samples: 60433073005, 60433073006, 60433073007, 60433073008, 60433073009, 60433073010, 60433073018, 60433073019, 60433073020, 60433073021, 60433073029, 60433073030

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.084	07/14/23 15:50	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.11	07/14/23 15:50	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.15	07/14/23 15:50	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.14	07/14/23 15:50	
1,1-Dichloroethane	ug/L	ND	1.0	0.12	07/14/23 15:50	
1,1-Dichloroethene	ug/L	ND	1.0	0.22	07/14/23 15:50	
1,1-Dichloropropene	ug/L	ND	1.0	0.14	07/14/23 15:50	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.93	07/14/23 15:50	
1,2,3-Trichloropropane	ug/L	ND	2.5	0.41	07/14/23 15:50	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.73	07/14/23 15:50	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	0.32	07/14/23 15:50	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	0.78	07/14/23 15:50	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.20	07/14/23 15:50	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.12	07/14/23 15:50	
1,2-Dichloroethane	ug/L	ND	1.0	0.21	07/14/23 15:50	
1,2-Dichloroethene (Total)	ug/L	ND	1.0	0.22	07/14/23 15:50	
1,2-Dichloropropane	ug/L	ND	1.0	0.14	07/14/23 15:50	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	0.090	07/14/23 15:50	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.13	07/14/23 15:50	
1,3-Dichloropropane	ug/L	ND	1.0	0.10	07/14/23 15:50	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.13	07/14/23 15:50	
2,2-Dichloropropane	ug/L	ND	1.0	0.16	07/14/23 15:50	
2-Butanone (MEK)	ug/L	ND	10.0	0.98	07/14/23 15:50	
2-Chlorotoluene	ug/L	ND	1.0	0.11	07/14/23 15:50	
2-Hexanone	ug/L	ND	10.0	1.1	07/14/23 15:50	
4-Chlorotoluene	ug/L	ND	1.0	0.15	07/14/23 15:50	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	0.74	07/14/23 15:50	
Acetone	ug/L	ND	10.0	2.5	07/14/23 15:50	
Benzene	ug/L	ND	1.0	0.14	07/14/23 15:50	
Bromobenzene	ug/L	ND	1.0	0.088	07/14/23 15:50	
Bromochloromethane	ug/L	ND	1.0	0.20	07/14/23 15:50	
Bromodichloromethane	ug/L	ND	1.0	0.16	07/14/23 15:50	
Bromoform	ug/L	ND	1.0	0.68	07/14/23 15:50	
Bromomethane	ug/L	ND	5.0	0.46	07/14/23 15:50	
Carbon disulfide	ug/L	ND	5.0	0.98	07/14/23 15:50	
Carbon tetrachloride	ug/L	ND	1.0	0.17	07/14/23 15:50	
Chlorobenzene	ug/L	ND	1.0	0.089	07/14/23 15:50	
Chloroethane	ug/L	ND	1.0	0.37	07/14/23 15:50	
Chloroform	ug/L	ND	1.0	0.22	07/14/23 15:50	

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QUALITY CONTROL DATA

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

METHOD BLANK: 3392012

Matrix: Water

Associated Lab Samples: 60433073005, 60433073006, 60433073007, 60433073008, 60433073009, 60433073010, 60433073018, 60433073019, 60433073020, 60433073021, 60433073029, 60433073030

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloromethane	ug/L	ND	1.0	0.28	07/14/23 15:50	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.13	07/14/23 15:50	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.078	07/14/23 15:50	
Dibromochloromethane	ug/L	ND	1.0	0.30	07/14/23 15:50	
Dibromomethane	ug/L	ND	1.0	0.11	07/14/23 15:50	
Dichlorodifluoromethane	ug/L	ND	1.0	0.20	07/14/23 15:50	
Ethylbenzene	ug/L	ND	1.0	0.12	07/14/23 15:50	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	0.42	07/14/23 15:50	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	0.097	07/14/23 15:50	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.13	07/14/23 15:50	
Methylene Chloride	ug/L	ND	1.0	0.39	07/14/23 15:50	
n-Butylbenzene	ug/L	ND	1.0	0.15	07/14/23 15:50	
n-Propylbenzene	ug/L	ND	1.0	0.12	07/14/23 15:50	
Naphthalene	ug/L	ND	10.0	0.82	07/14/23 15:50	
p-Isopropyltoluene	ug/L	ND	1.0	0.13	07/14/23 15:50	
sec-Butylbenzene	ug/L	ND	1.0	0.11	07/14/23 15:50	
Styrene	ug/L	ND	1.0	0.12	07/14/23 15:50	
tert-Butylbenzene	ug/L	ND	1.0	0.12	07/14/23 15:50	
Tetrachloroethene	ug/L	ND	1.0	0.33	07/14/23 15:50	
Toluene	ug/L	ND	1.0	0.25	07/14/23 15:50	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.10	07/14/23 15:50	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.18	07/14/23 15:50	
Trichloroethene	ug/L	ND	1.0	0.21	07/14/23 15:50	
Trichlorofluoromethane	ug/L	ND	1.0	0.16	07/14/23 15:50	
Vinyl chloride	ug/L	ND	1.0	0.17	07/14/23 15:50	
Xylene (Total)	ug/L	ND	3.0	0.28	07/14/23 15:50	
1,2-Dichlorobenzene-d4 (S)	%	100	80-120		07/14/23 15:50	
4-Bromofluorobenzene (S)	%	96	80-120		07/14/23 15:50	
Toluene-d8 (S)	%	106	80-120		07/14/23 15:50	

LABORATORY CONTROL SAMPLE: 3392013

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	22.1	111	80-120	
1,1,1-Trichloroethane	ug/L	20	19.7	99	75-125	
1,1,2,2-Tetrachloroethane	ug/L	20	22.4	112	80-120	
1,1,2-Trichloroethane	ug/L	20	21.8	109	80-120	
1,1-Dichloroethane	ug/L	20	19.4	97	75-120	
1,1-Dichloroethene	ug/L	20	19.0	95	75-120	
1,1-Dichloropropene	ug/L	20	19.8	99	75-125	
1,2,3-Trichlorobenzene	ug/L	20	19.4	97	60-135	
1,2,3-Trichloropropane	ug/L	20	20.1	101	75-120	
1,2,4-Trichlorobenzene	ug/L	20	19.4	97	65-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

LABORATORY CONTROL SAMPLE: 3392013

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	20.1	100	80-120	
1,2-Dibromo-3-chloropropane	ug/L	20	19.3	97	65-130	
1,2-Dibromoethane (EDB)	ug/L	20	22.3	112	80-120	
1,2-Dichlorobenzene	ug/L	20	21.4	107	80-120	
1,2-Dichloroethane	ug/L	20	20.0	100	80-120	
1,2-Dichloroethene (Total)	ug/L	40	39.5	99	80-120	
1,2-Dichloropropane	ug/L	20	19.8	99	80-120	
1,3,5-Trimethylbenzene	ug/L	20	20.6	103	75-120	
1,3-Dichlorobenzene	ug/L	20	21.0	105	80-120	
1,3-Dichloropropane	ug/L	20	22.1	111	80-120	
1,4-Dichlorobenzene	ug/L	20	20.2	101	80-120	
2,2-Dichloropropane	ug/L	20	16.9	85	55-135	
2-Butanone (MEK)	ug/L	100	75.2	75	50-155	
2-Chlorotoluene	ug/L	20	20.2	101	80-120	
2-Hexanone	ug/L	100	83.3	83	55-145	
4-Chlorotoluene	ug/L	20	20.5	102	80-120	
4-Methyl-2-pentanone (MIBK)	ug/L	100	99.4	99	70-130	
Acetone	ug/L	100	55.9	56	35-160	
Benzene	ug/L	20	19.7	99	80-120	
Bromobenzene	ug/L	20	22.1	111	80-120	
Bromochloromethane	ug/L	20	21.7	108	80-120	
Bromodichloromethane	ug/L	20	20.0	100	80-120	
Bromoform	ug/L	20	21.5	107	60-130	
Bromomethane	ug/L	20	15.5	78	50-140	
Carbon disulfide	ug/L	20	19.0	95	75-125	
Carbon tetrachloride	ug/L	20	20.1	101	70-130	
Chlorobenzene	ug/L	20	21.6	108	80-120	
Chloroethane	ug/L	20	19.3	97	70-130	
Chloroform	ug/L	20	18.4	92	75-120	
Chloromethane	ug/L	20	17.4	87	45-145	
cis-1,2-Dichloroethene	ug/L	20	19.8	99	80-120	
cis-1,3-Dichloropropene	ug/L	20	19.7	98	75-125	
Dibromochloromethane	ug/L	20	22.0	110	75-125	
Dibromomethane	ug/L	20	20.1	101	80-120	
Dichlorodifluoromethane	ug/L	20	20.7	104	25-180	
Ethylbenzene	ug/L	20	20.6	103	80-120	
Hexachloro-1,3-butadiene	ug/L	20	18.0	90	65-125	
Isopropylbenzene (Cumene)	ug/L	20	19.7	99	80-125	
Methyl-tert-butyl ether	ug/L	20	21.5	108	75-125	
Methylene Chloride	ug/L	20	18.6	93	70-140	
n-Butylbenzene	ug/L	20	19.8	99	70-125	
n-Propylbenzene	ug/L	20	20.2	101	80-120	
Naphthalene	ug/L	20	20.3	101	60-140	
p-Isopropyltoluene	ug/L	20	20.8	104	80-120	
sec-Butylbenzene	ug/L	20	21.1	106	80-120	
Styrene	ug/L	20	23.8	119	80-120	
tert-Butylbenzene	ug/L	20	20.8	104	80-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

LABORATORY CONTROL SAMPLE: 3392013

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/L	20	21.7	109	80-125	
Toluene	ug/L	20	20.5	102	80-120	
trans-1,2-Dichloroethene	ug/L	20	19.7	98	80-120	
trans-1,3-Dichloropropene	ug/L	20	20.5	102	75-125	
Trichloroethene	ug/L	20	19.5	98	80-125	
Trichlorofluoromethane	ug/L	20	20.7	104	75-125	
Vinyl chloride	ug/L	20	20.5	102	65-140	
Xylene (Total)	ug/L	60	59.5	99	80-120	
1,2-Dichlorobenzene-d4 (S)	%			99	80-120	
4-Bromofluorobenzene (S)	%			97	80-120	
Toluene-d8 (S)	%			101	80-120	

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QUALITY CONTROL DATA

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

QC Batch: 856523

Analysis Method: EPA 8015C

QC Batch Method: EPA 3511

Analysis Description: EPA 8015C

Laboratory: Pace Analytical Services - Kansas City

Associated Lab Samples: 60433073005, 60433073020

METHOD BLANK: 3392075

Matrix: Water

Associated Lab Samples: 60433073005, 60433073020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
HRH (C19-C35)	mg/L	ND	0.19	0.11	07/14/23 21:54	
MRH (C9-C18)	mg/L	ND	0.058	0.053	07/14/23 21:54	
1-Chloro-octadecane (S)	%	108	40-140		07/14/23 21:54	

LABORATORY CONTROL SAMPLE & LCSD: 3392076

3392077

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	0.17J	0.19J	90	96	40-140		25	
MRH (C9-C18)	mg/L	0.14	0.10	0.11	73	72	40-140	2	25	
1-Chloro-octadecane (S)	%				104	106	40-140			

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QUALIFIERS

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

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.

BATCH QUALIFIERS

Batch: 856459

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: 856515

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: RACER FAIRFAX 2559A-2021-001

Pace Project No.: 60433073

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60433073005	WG-071223-CB-013	EPA 3511	856523	EPA 8015C	856563
60433073020	WG-071223-PL-010	EPA 3511	856523	EPA 8015C	856563
60433073005	WG-071223-CB-013	KS LRH: EPA 5030B/8015C	857259		
60433073020	WG-071223-PL-010	KS LRH: EPA 5030B/8015C	857259		
60433073001	WG-071123-CB-009	EPA 5030B/8260	856459		
60433073002	WG-071123-CB-010	EPA 5030B/8260	856459		
60433073003	WG-071123-CB-011	EPA 5030B/8260	856459		
60433073004	WG-071123-CB-012	EPA 5030B/8260	856459		
60433073005	WG-071223-CB-013	EPA 5030B/8260	856515		
60433073006	WG-071223-CB-014	EPA 5030B/8260	856515		
60433073007	WG-071223-CB-015	EPA 5030B/8260	856515		
60433073008	WG-071223-CB-016	EPA 5030B/8260	856515		
60433073009	WG-071223-CB-017	EPA 5030B/8260	856515		
60433073010	WG-071223-CB-018	EPA 5030B/8260	856515		
60433073011	WG-071123-PL-001	EPA 5030B/8260	856459		
60433073012	WG-071123-PL-002	EPA 5030B/8260	856459		
60433073013	WG-071123-PL-003	EPA 5030B/8260	856459		
60433073014	WG-071123-PL-004	EPA 5030B/8260	856459		
60433073015	WG-071123-PL-005	EPA 5030B/8260	856459		
60433073016	WG-071123-PL-006	EPA 5030B/8260	856459		
60433073017	WG-071123-PL-007	EPA 5030B/8260	856459		
60433073018	WG-071223-PL-008	EPA 5030B/8260	856515		
60433073019	WG-071223-PL-009	EPA 5030B/8260	856515		
60433073020	WG-071223-PL-010	EPA 5030B/8260	856515		
60433073021	TB-071223-001	EPA 5030B/8260	856515		
60433073022	WG-071023-CB-001	EPA 5030B/8260	856459		
60433073023	WG-071023-CB-002	EPA 5030B/8260	856459		
60433073024	WG-071023-CB-003	EPA 5030B/8260	856459		
60433073025	WG-071023-CB-004	EPA 5030B/8260	856459		
60433073026	WG-071023-CB-005	EPA 5030B/8260	856459		
60433073027	WG-071023-CB-006	EPA 5030B/8260	856459		
60433073028	WG-071123-CB-007	EPA 5030B/8260	856459		
60433073029	WG-071123-CB-008	EPA 5030B/8260	856515		
60433073030	TB-071223-002	EPA 5030B/8260	856515		

REPORT OF LABORATORY ANALYSIS

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WO#: 60433073



DC#_Title: ENV-FRM-LENE-0009_Sam



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: T-229 Type of Ice: Wet Blue None

Cooler Temperature (°C): As-read 0.8 Corr. Factor 0.2 Corrected 1.0

Temperature should be above freezing to 6°C 0.6

Date and initials of person examining contents:

VP 7/13

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: W	☐ 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	

Client Notification/ Resolution:

Copy COC to Client? Y / N

Field Data Required? Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

Project Manager Review:

Date:

LAB USE ONLY - Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

24

ALL SHADED AREAS are for LAB USE ONLY

Container Preservative Type **

Lab Project Manager:

Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses

Lab Sample Receipt Checklist:

Custody Seals Present/Intact Y N NA
Custody Signatures Present Y N NA
Collector Signatures Present Y N NA
Bottles Intact Y N NA
Correct Bottles Y N NA
Sufficient Volume Y N NA
Samples Received on Ice Y N NA
VOA - Headspace Acceptable Y N NA
USDA Regulated Solids Y N NA
Samples in Holding Time Y N NA
Residual Chlorine Present Y N NA
Cl Strips: Y N NA
Sample pH Acceptable Y N NA
pH Strips: Y N NA
Sulfide Present Y N NA
Lead Acetate Strips: Y N NA

LAB USE ONLY:
Lab Sample # / Comments:

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2814752

Samples received via: FEDEX UPS Client Courier Pace Courier

Date/Time: Received by/Company: (Signature)

Date/Time: Received by/Company: (Signature)

Date/Time: Received by/Company: (Signature)

Customer Remarks / Special Conditions / Possible Hazards:

Temp Blank Received: Y N NA
Therm ID#: oC
Cooler 1 Temp Upon Receipt: oC
Cooler 1 Therm Corr. Factor: oC
Cooler 1 Corrected Temp: oC
Comments:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s):
YES / NO

Page: 2 of 8

[illegible]

GHD

8673

Client:

Profile #

Site:

Racer Fairfax 12603810

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		M																												
2		M																												
3		M																												
4		M																												
5		M	5																											
6		M																												
7		M																												
8		M																												
9		M																												
10		M																												
11		M																												
12		M																												

Container Codes

Glass		Plastic										Misc.	
DG9B	40mL bisulfate clear vial	WGKU	8oz clear soil jar	BP1C	1L NaOH plastic	I	Wipe/Swab						
DG9H	40mL HCl amber vial	WGFU	4oz clear soil jar	BP1N	1L HNO3 plastic	SP5T	120mL Coliform Na Thiosulfate						
DG9M	40mL MeOH clear vial	WG2U	2oz clear soil jar	BP1S	1L H2SO4 plastic	ZPLC	Ziploc Bag						
DG9Q	40mL TSP amber vial	JGFU	4oz unpreserved amber wide	BP1U	1L unpreserved plastic	AF	Air Filter						
DG9S	40mL H2SO4 amber vial	AG0U	100mL unores amber glass	BP1Z	1L NaOH, Zn Acetate	C	Air Cassettes						
DG9T	40mL Na Thio amber vial	AG1H	1L HCl amber glass	BP2C	500mL NaOH plastic	R	Terracore Kit						
DG9U	40mL amber unpreserved	AG1S	1L H2SO4 amber glass	BP2N	500mL HNO3 plastic	U	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	WT	Water						
BG3H	250mL HCL Clear glass	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic	SL	Solid						
BG3U	250mL Unpres Clear glass	AG3U	250mL unpres amber glass	BP3U	250mL unpreserved plastic	NAL	Non-aqueous Liquid						
WGDU	16oz clear soil jar	AG4U	125mL unpres amber glass	BP3S	250mL H2SO4 plastic	OL	Oil						
		AG5U	100mL unpres amber glass	BP3Z	250mL NaOH, Zn Acetate	WP	Wipe						
				BP4U	125mL unpreserved plastic	DW	Drinking Water						
				BP4N	125mL HNO3 plastic								
				BP4S	125mL H2SO4 plastic								
				WPDU	16oz unpreserved plastic								

Work Order Number:

60433073

8673

GHD

Client:

Profile #

Site:

Racer Fairfax 12603810

Notes

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

Container Codes

Glass			Plastic			Misc.		
DG9B	40mL bisulfate clear vial	WGKU	8oz clear soil jar	BP1C	1L NaOH plastic	I	Wipe/Swab	
DG9H	40mL HCl amber vial	WGFU	4oz clear soil jar	BP1N	1L HNO3 plastic	SP5T	120mL Coliform Na Thiosulfate	
DG9M	40mL MeOH clear vial	WG2U	2oz clear soil jar	BP1S	1L H2SO4 plastic	ZPLC	Ziploc Bag	
DG9Q	40mL TSP amber vial	JGFU	4oz unpreserved amber wide	BP1U	1L unpreserved plastic	AF	Air Filter	
DG9S	40mL H2SO4 amber vial	AG0U	100mL unores amber glass	BP1Z	1L NaOH, Zn Acetate	C	Air Cassettes	
DG9T	40mL Na Thio amber vial	AG1H	1L HCl amber glass	BP2C	500mL NaOH plastic	R	Terracore Kit	
DG9U	40mL amber unpreserved	AG1S	1L H2SO4 amber glass	BP2N	500mL HNO3 plastic	U	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	WT	Water	
BG3H	250mL HCL Clear glass	AG2U	500mL unpres amber glass	BP3N	250mL HNO3 plastic	SL	Solid	
BG3U	250mL Unpres Clear glass	AG3U	250mL unpres amber glass	BP3U	250mL unpreserved plastic	NAL	Non-aqueous Liquid	
WGDU	16oz clear soil jar	AG4U	125mL unpres amber glass	BP3S	250mL H2SO4 plastic	OL	OIL	
		AG5U	100mL unpres amber glass	BP3Z	250mL NaOH, Zn Acetate	WP	Wipe	
				BP4U	125mL unpreserved plastic	DW	Drinking Water	
				BP4N	125mL HNO3 plastic			
				BP4S	125mL H2SO4 plastic			
				WPDU	16oz unpreserved plastic			

Work Order Number:

60473073

GHD

82673

Client:

Profile #

Site:

Racer Fairfax 12603810

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		1																												
2																														
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 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:

60438073

85 4/4

GHD

Client:

Profile #

8673

Site: Racer Fairfax 12603810

Notes

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		1 — 																												

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 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	500mL 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:

80433873

Appendix C

Reduced Data Validation Memo

Data Verification Report

August 1, 2023

To	Travis Kogl	Project No.	12603810
Copy to	Calvin Bernic	DVR No.	1
From	Angela Bown/cs/1-NF	Contact No.	513-285-1102
Project Name	RACER Fairfax 2023 LTM	Email	Angela.Bown@ghd.com
Subject	Analytical Results and Data Verification Annual Groundwater Sampling RACER Fairfax I Kansas City, Kansas July 2023		

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 2023. 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), 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 reports were used to determine sample holding times. All samples were prepared and analyzed within the required holding times.

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 - Organic Analyses

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 submitted for organic determinations 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/LCSD contained all compounds or carbon ranges of interest. All LCS recoveries and RPDs were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision.

6. Field QA/QC Samples

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

Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, two trip blanks were submitted to the laboratory for volatile organic compound (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.

7. 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.

8. Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable without qualification.

Regards,

A handwritten signature in cursive script that reads "Angela Bown".

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 2023

Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	<u>Analysis/Parameters</u>			Comments
					VOCs	TPH-LRH	TPH-MRH/HRH	
WG-071123-CB-009	MW-200	Water	07/11/2023	14:45	X			
WG-071123-CB-010	MW-201	Water	07/11/2023	15:45	X			
WG-071123-CB-011	MW-205A	Water	07/11/2023	18:35	X			
WG-071123-CB-012	MW-205B	Water	07/11/2023	19:10	X			
WG-071223-CB-013	TMW-146	Water	07/12/2023	09:50	X	X	X	
WG-071223-CB-014	MW-146B	Water	07/12/2023	10:50	X			
WG-071223-CB-015	MW-146B	Water	07/12/2023	10:55	X			FD9WG-071223-CB-014)
WG-071223-CB-016	MW-146C	Water	07/12/2023	11:35	X			
WG-071223-CB-017	MW-124A	Water	07/12/2023	13:45	X			
WG-071223-CB-018	MW-124B	Water	07/12/2023	14:30	X			
WG-071123-PL-001	MW-206C	Water	07/11/2023	09:55	X			
WG-071123-PL-002	MW-206B	Water	07/11/2023	11:22	X			
WG-071123-PL-003	MW-206A	Water	07/11/2023	12:35	X			
WG-071123-PL-004	MW-203	Water	07/11/2023	15:55	X			
WG-071123-PL-005	MW-202	Water	07/11/2023	17:10	X			
WG-071123-PL-006	MW-204B	Water	07/11/2023	18:50	X			
WG-071123-PL-007	MW-204A	Water	07/11/2023	19:30	X			
WG-071223-PL-008	MW-207C	Water	07/12/2023	10:20	X			

Table 1

Sample Collection and Analysis Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2023

Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	<u>Analysis/Parameters</u>			Comments
					VOCs	TPH-LRH	TPH-MRH/HRH	
WG-071223-PL-009	MW-207B	Water	07/12/2023	11:15	X			
WG-071223-PL-010	MW-207A	Water	07/12/2023	11:55	X	X	X	
TB-071223-001	-	Water	07/12/2023	08:00	X			Trip Blank
WG-071023-CB-001	MW-208A	Water	07/10/2023	12:40	X			
WG-071023-CB-002	MW-208B	Water	07/10/2023	13:30	X			
WG-071023-CB-003	MW-208C	Water	07/10/2023	14:10	X			
WG-071023-CB-004	MW-1A	Water	07/10/2023	16:05	X			
WG-071023-CB-005	MW-1A	Water	07/10/2023	16:10	X			FD(WG-071023-CB-004)
WG-071023-CB-006	MW-1B	Water	07/10/2023	16:50	X			
WG-071123-CB-007	MW-1C	Water	07/11/2023	09:50	X			
WG-071123-CB-008	MW-110A	Water	07/11/2023	11:25	X			
TB-071223-002	-	Water	07/12/2023	08:00	X			Trip Blank

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

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2023**

Location ID:	MW-1A	MW-1A	MW-1B	MW-1C	MW-110A	MW-124A	MW-124B
Sample Name:	WG-071023-CB-004	WG-071023-CB-005	WG-071023-CB-006	WG-071123-CB-007	WG-071123-CB-008	WG-071223-CB-017	WG-071223-CB-018
Sample Date:	07/10/2023	07/10/2023	07/10/2023	07/11/2023	07/11/2023	07/12/2023	07/12/2023
		Duplicate					

Parameters	Unit							
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichloropropane	µg/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/L	0.39 J	0.35 J	45.1	1.8	0.80 J	2.6	0.83 J
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
2-Chlorotoluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
2-Phenylbutane (sec-Butylbenzene)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Chlorotoluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 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	10.0 U	10.0 U
Acetone	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2023**

Location ID:	MW-1A	MW-1A	MW-1B	MW-1C	MW-110A	MW-124A	MW-124B
Sample Name:	WG-071023-CB-004	WG-071023-CB-005	WG-071023-CB-006	WG-071123-CB-007	WG-071123-CB-008	WG-071223-CB-017	WG-071223-CB-018
Sample Date:	07/10/2023	07/10/2023	07/10/2023	07/11/2023	07/11/2023	07/12/2023	07/12/2023
		Duplicate					

Parameters	Unit							
Volatile Organic Compounds								
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobromomethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	0.39 J	0.35 J	44.0	1.8	0.80 J	2.4	0.83 J
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cymene (p-Isopropyltoluene)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-Butylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-Propylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.9	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.1	1.0 U	1.0 U	0.18 J	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	0.84 J	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	18.5	1.0 U	1.0 U	3.0	2.4
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2023**

Location ID:	MW-1A	MW-1A	MW-1B	MW-1C	MW-110A	MW-124A	MW-124B
Sample Name:	WG-071023-CB-004	WG-071023-CB-005	WG-071023-CB-006	WG-071123-CB-007	WG-071123-CB-008	WG-071223-CB-017	WG-071223-CB-018
Sample Date:	07/10/2023	07/10/2023	07/10/2023	07/11/2023	07/11/2023	07/12/2023	07/12/2023
		Duplicate					

Parameters	Unit							
Total Petroleum Hydrocarbons								
High-Range Hydrocarbons (HRH) (C19-C35)	mg/L	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH) (C5-C8)	mg/L	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH) (C9-C18)	mg/L	--	--	--	--	--	--	--

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2023**

Location ID:	MW-146B	MW-146B	MW-146C	MW-200	MW-201	MW-202
Sample Name:	WG-071223-CB-014	WG-071223-CB-015	WG-071223-CB-016	WG-071123-CB-009	WG-071123-CB-010	WG-071123-PL-005
Sample Date:	07/12/2023	07/12/2023	07/12/2023	07/11/2023	07/11/2023	07/11/2023
	Duplicate					
Parameters	Unit					
Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	0.16 J	0.17 J	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichloropropane	µg/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/L	119	129	2.6	0.25 J	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 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	1.0 U	1.0 U	1.0 U	1.0 U	1.0 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	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Chlorotoluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 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	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Benzene	µg/L	0.18 J	0.16 J	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2023**

Location ID:	MW-146B	MW-146B	MW-146C	MW-200	MW-201	MW-202
Sample Name:	WG-071223-CB-014	WG-071223-CB-015	WG-071223-CB-016	WG-071123-CB-009	WG-071123-CB-010	WG-071123-PL-005
Sample Date:	07/12/2023	07/12/2023	07/12/2023	07/11/2023	07/11/2023	07/11/2023
	Duplicate					
Parameters	Unit					
Volatile Organic Compounds						
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobromomethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	114	123	2.5	0.25 J	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cymene (p-Isopropyltoluene)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-Butylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-Propylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	5.0	5.4	0.17 J	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	8.3	9.5	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

Table 2
Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2023

Location ID:	MW-146B	MW-146B	MW-146C	MW-200	MW-201	MW-202
Sample Name:	WG-071223-CB-014	WG-071223-CB-015	WG-071223-CB-016	WG-071123-CB-009	WG-071123-CB-010	WG-071123-PL-005
Sample Date:	07/12/2023	07/12/2023	07/12/2023	07/11/2023	07/11/2023	07/11/2023
		Duplicate				

Parameters	Unit						
Total Petroleum Hydrocarbons							
High-Range Hydrocarbons (HRH) (C19-C35)	mg/L	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH) (C5-C8)	mg/L	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH) (C9-C18)	mg/L	--	--	--	--	--	--

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2023**

Location ID:	MW-203	MW-204A	MW-204B	MW-205A	MW-205B	MW-206A	
Sample Name:	WG-071123-PL-004	WG-071123-PL-007	WG-071123-PL-006	WG-071123-CB-011	WG-071123-CB-012	WG-071123-PL-003	
Sample Date:	07/11/2023	07/11/2023	07/11/2023	07/11/2023	07/11/2023	07/11/2023	
Parameters	Unit						
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
1,1-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
1,2,3-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
1,2,3-Trichloropropane	µg/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
1,2,4-Trimethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
1,2-Dichloroethene (total)	µg/L	1.0 U	8.7	2.1	0.31 J	5.4	4.0
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
2-Chlorotoluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
2-Phenylbutane (sec-Butylbenzene)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Chlorotoluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 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	10.0 U
Acetone	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Benzene	µg/L	0.30 J	0.57 J	1.0 U	1.0 U	1.0 U	1.0 U
Bromobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2023**

Location ID:		MW-203	MW-204A	MW-204B	MW-205A	MW-205B	MW-206A
Sample Name:		WG-071123-PL-004	WG-071123-PL-007	WG-071123-PL-006	WG-071123-CB-011	WG-071123-CB-012	WG-071123-PL-003
Sample Date:		07/11/2023	07/11/2023	07/11/2023	07/11/2023	07/11/2023	07/11/2023
Parameters		Unit					
Volatile Organic Compounds							
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobromomethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	0.30 J	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	7.9	2.0	0.31 J	5.0	3.8
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cymene (p-Isopropyltoluene)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-Butylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-Propylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	0.78 J	0.10 J	1.0 U	0.40 J	0.17 J
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	0.23 J	10.3	0.23 J	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.9	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

Table 2

Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2023

Location ID:	MW-203	MW-204A	MW-204B	MW-205A	MW-205B	MW-206A
Sample Name:	WG-071123-PL-004	WG-071123-PL-007	WG-071123-PL-006	WG-071123-CB-011	WG-071123-CB-012	WG-071123-PL-003
Sample Date:	07/11/2023	07/11/2023	07/11/2023	07/11/2023	07/11/2023	07/11/2023

Parameters	Unit						
Total Petroleum Hydrocarbons							
High-Range Hydrocarbons (HRH) (C19-C35)	mg/L	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH) (C5-C8)	mg/L	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH) (C9-C18)	mg/L	--	--	--	--	--	--

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2023**

Location ID:	MW-206B	MW-206C	MW-207A	MW-207B	MW-207C	MW-208A
Sample Name:	WG-071123-PL-002	WG-071123-PL-001	WG-071223-PL-010	WG-071223-PL-009	WG-071223-PL-008	WG-071023-CB-001
Sample Date:	07/11/2023	07/11/2023	07/12/2023	07/12/2023	07/12/2023	07/10/2023

Parameters	Unit						
Volatile Organic Compounds							
1,1,1,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	0.13 J	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichloropropane	µg/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/L	2.7	1.0 U	7.2	2.8	32.3	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
2-Chlorotoluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
2-Phenylbutane (sec-Butylbenzene)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Chlorotoluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 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	10.0 U
Acetone	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Benzene	µg/L	1.3	0.55 J	0.21 J	0.24 J	0.52 J	1.0 U
Bromobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2023**

Location ID:	MW-206B	MW-206C	MW-207A	MW-207B	MW-207C	MW-208A
Sample Name:	WG-071123-PL-002	WG-071123-PL-001	WG-071223-PL-010	WG-071223-PL-009	WG-071223-PL-008	WG-071023-CB-001
Sample Date:	07/11/2023	07/11/2023	07/12/2023	07/12/2023	07/12/2023	07/10/2023

Parameters	Unit						
Volatile Organic Compounds							
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobromomethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	2.5	1.0 U	6.9	2.7	30.3	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cymene (p-Isopropyltoluene)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	0.14 J	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-Butylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-Propylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	0.42 J	1.0 U	1.0 U
Toluene	µg/L	0.45 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	0.18 J	1.0 U	0.31 J	1.0 U	1.9	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	0.36 J	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	3.4	1.0 U	0.94 J	1.0 U	8.2	1.0 U
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2023**

Location ID:	MW-206B	MW-206C	MW-207A	MW-207B	MW-207C	MW-208A
Sample Name:	WG-071123-PL-002	WG-071123-PL-001	WG-071223-PL-010	WG-071223-PL-009	WG-071223-PL-008	WG-071023-CB-001
Sample Date:	07/11/2023	07/11/2023	07/12/2023	07/12/2023	07/12/2023	07/10/2023

Parameters**Unit****Total Petroleum Hydrocarbons**

High-Range Hydrocarbons (HRH) (C19-C35)	mg/L	--	--	0.19 U	--	--	--
Low-Range Hydrocarbons (LRH) (C5-C8)	mg/L	--	--	0.050 U	--	--	--
Mid-Range Hydrocarbons (MRH) (C9-C18)	mg/L	--	--	0.058 U	--	--	--

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2023**

Location ID:		MW-208B	MW-208C	TMW-146	Trip Blank	Trip Blank
Sample Name:		WG-071023-CB-002	WG-071023-CB-003	WG-071223-CB-013	TB-071223-001	TB-071223-002
Sample Date:		07/10/2023	07/10/2023	07/12/2023	07/12/2023	07/12/2023
Parameters	Unit					
Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichloropropane	µg/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (total)	µg/L	1.0 U	1.8	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10.0 U	1.2 J	10.0 U	10.0 U	10.0 U
2-Chlorotoluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 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	1.0 U	1.0 U	0.15 J	1.0 U	1.0 U
4-Chlorotoluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 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	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Benzene	µg/L	1.0 U	1.0 U	1.6	1.0 U	1.0 U
Bromobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 2

**Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2023**

Location ID:		MW-208B	MW-208C	TMW-146	Trip Blank	Trip Blank
Sample Name:		WG-071023-CB-002	WG-071023-CB-003	WG-071223-CB-013	TB-071223-001	TB-071223-002
Sample Date:		07/10/2023	07/10/2023	07/12/2023	07/12/2023	07/12/2023
Parameters	Unit					
Volatile Organic Compounds						
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobromomethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	0.30 J	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	0.20 J	1.7	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cymene (p-Isopropyltoluene)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	0.12 J	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.1	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-Butylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-Propylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	µg/L	10.0 U	10.0 U	1.6 J	10.0 U	10.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	3.0 U	3.0 U	0.38 J	3.0 U	3.0 U

Table 2

Analytical Results Summary
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2023

Location ID:		MW-208B	MW-208C	TMW-146	Trip Blank	Trip Blank
Sample Name:		WG-071023-CB-002	WG-071023-CB-003	WG-071223-CB-013	TB-071223-001	TB-071223-002
Sample Date:		07/10/2023	07/10/2023	07/12/2023	07/12/2023	07/12/2023
Parameters	Unit					
Total Petroleum Hydrocarbons						
High-Range Hydrocarbons (HRH) (C19-C35)	mg/L	--	--	0.19 U	--	--
Low-Range Hydrocarbons (LRH) (C5-C8)	mg/L	--	--	0.050 U	--	--
Mid-Range Hydrocarbons (MRH) (C9-C18)	mg/L	--	--	0.39	--	--

Notes:

U - Not detected at the associated reporting limit

-- - Not applicable

J - Estimated concentration

Table 3

**Analytical Methods
Annual Groundwater Sampling
RACER Fairfax I
Kansas City, Kansas
July 2023**

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

Appendix D

**Historical Groundwater Monitoring Data
(2012-2015)**







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→ The Power of Commitment