



July 2022 - Semi- Annual Long-Term Groundwater Monitoring Report

**Revitalizing Auto Communities
Environmental Responses Trust**

RACER Trust

October 20, 2022

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1. Introduction

GHD Services Inc. (GHD) has prepared this July 2022 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), for submittal to the Kansas Department of Health and Environment (KDHE) in accordance with the 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 25 through August 2, 2022. 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. Monitoring well MW-200 was under approximately 2 inches of water on July 25, 2022, due to recent rain and lawn irrigation. The well was gauged and sampled on August 2, 2022, after the water had run-off and/or evaporated.

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 YSI 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 one blind-labeled duplicate sample for laboratory analysis. The duplicate sample was collected from MW-204A. 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 25 and August 2, 2021, depth to groundwater in monitoring wells screened in the shallow aquifer ranged from 21.18 ft below top of casing (btoc) (MW-202) to 26.48 ft btoc (MW-124A). Groundwater elevations ranged from 721.78 ft above mean sea level (amsl) (MW-1A) to 724.18 ft amsl (MW-202) and have decreased 2.31 ft, on average, since the last monitoring event. Based on the groundwater elevations, the groundwater in the shallow aquifer flows to the east in the northwest corner of the Site and northeast across the remainder of the Site toward the Missouri River at a gradient of less than 0.01 ft/ft as shown on Figure 3.

The depth to groundwater in monitoring wells screened in the intermediate aquifer ranged from 21.55 ft btoc (MW-208B) to 26.44 ft btoc (MW-124B) ft btoc. Groundwater elevations ranged from 721.89 ft amsl (MW-124B) to 722.94 ft amsl (MW-204B) and have decreased 2.4 ft, on average, since the last monitoring event. Based on the groundwater elevations, the groundwater in the intermediate aquifer flows to the north-northeast toward the Missouri River at a gradient of less than 0.01 ft/ft as shown on Figure 4.

The depth to groundwater measurements in wells screened in the deep aquifer ranged from 21.60 ft btoc (MW-208C) to 24.44 ft btoc (MW-1C). Groundwater elevations ranged from 722.28 ft btoc (MW-1C) to 722.77 ft btoc (MW-207C) and have decreased 2.34 ft, on average, since the previous monitoring event. Based on the groundwater elevations, groundwater in the deep aquifer flows to the northeast toward the Missouri River at a gradient of less than 0.01 ft/ft as shown on Figure 5.

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 samples 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 tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), and vinyl chloride (VC).

PCE was detected above the Tier 2 RSK standard of 0.005 mg/L in the samples collected from MW-110A (0.0065 mg/L). PCE was detected at a concentration below the Tier 2 RSK standard in samples collected from MW-204A (duplicate only), MW-205A, and MW-207A.

TCE was detected above the Tier 2 RSK standard of 0.005 mg/L in the samples collected from MW-204A (0.0085 mg/L, duplicate 0.0092 mg/L). TCE was detected at concentrations below the Tier 2 RSK standard in samples collected from MW-110A, MW-204B, and MW-207A.

Cis-1,2-DCE was detected above the Tier 2 RSK standard of 0.07 mg/L in the samples collected from MW-146B (0.130 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-146C, MW-204A, MW-204A duplicate, MW-204B, MW-205A, MW-205B, MW-206A, MW-206B, MW-207A, MW-207B, MW-207C, MW-208B, MW-208C, and TMW-146.

VC concentrations were detected above the Tier 2 RSK standard of 0.002 mg/L in the groundwater samples collected from MW-1B (0.0105 mg/L), MW-146B (0.0186 mg/L), MW-204B (0.0022 mg/L), MW-206B (0.0026 mg/L), and MW-207B (0.010 mg/L). VC was detected at concentrations below the Tier 2 RSK standard in samples collected from MW-1C, MW-124A, MW-146C, MW-205B, and MW-207C.

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)	

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.

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 TCE is the only COC that exceeded their respective Tier 2 RSK standards in the shallow aquifer on-site. TCE was detected above the Tier 2 RSK standard of 0.005 mg/L in the samples from MW-204A (0.0085 mg/L). MW-204A is on-site and down-gradient (seasonally) from the S-8 Area. This concentration is consistent with TCE historically reported in groundwater samples collected from the S-8 Area (see historical data from plugged wells TMW-147E and MW-148).

COCs were not detected in the shallow groundwater samples collected from MW-208A 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 detected above the Tier 2 RSK standard of 0.005 mg/L in shallow groundwater samples from MW-110A (0.0065 mg/L) which is consistent with historical concentrations. MW-110A is located off-site to the south and has historically shown a stable, consistent concentration of PCE since 1987. On-site, PCE was detected in samples from MW-205A and MW-207A at a concentration below the Tier 2 RSK standard.

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

The VC was reported in samples collected from monitoring wells historically associated with the TMW-127 Area (MW-206B, MW-1B, MW-146B, and MW-207B) and MW-204B downgradient from the S-8 Area. 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 RSK Tier 2 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.

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

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 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.

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

Figure 8 summarizes COCs detected in groundwater samples collected from the deep aquifer. The laboratory results indicate that no COCs were reported above 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

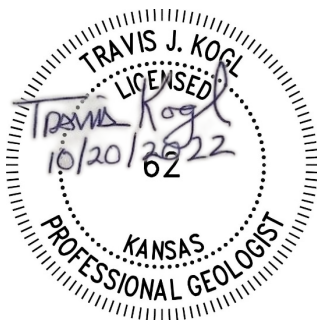
Long-term monitoring activities were completed in accordance with KDHE-approved Long-Term Monitoring Plan. The laboratory analytical results for samples collected from the monitoring wells are consistent with pre-redevelopment conditions.

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 2023.

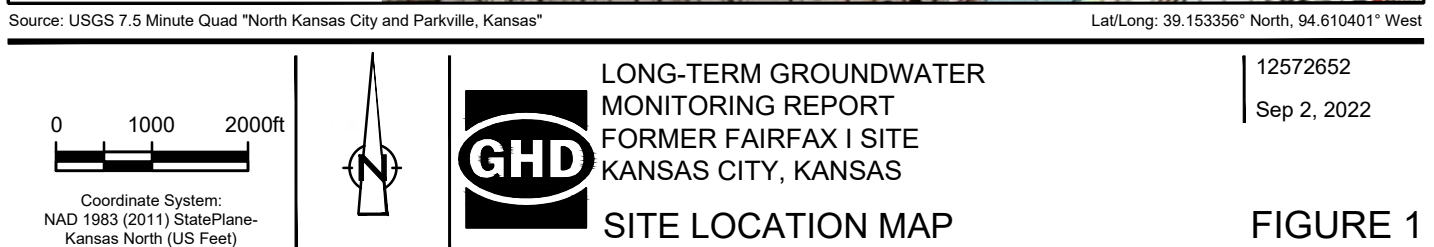
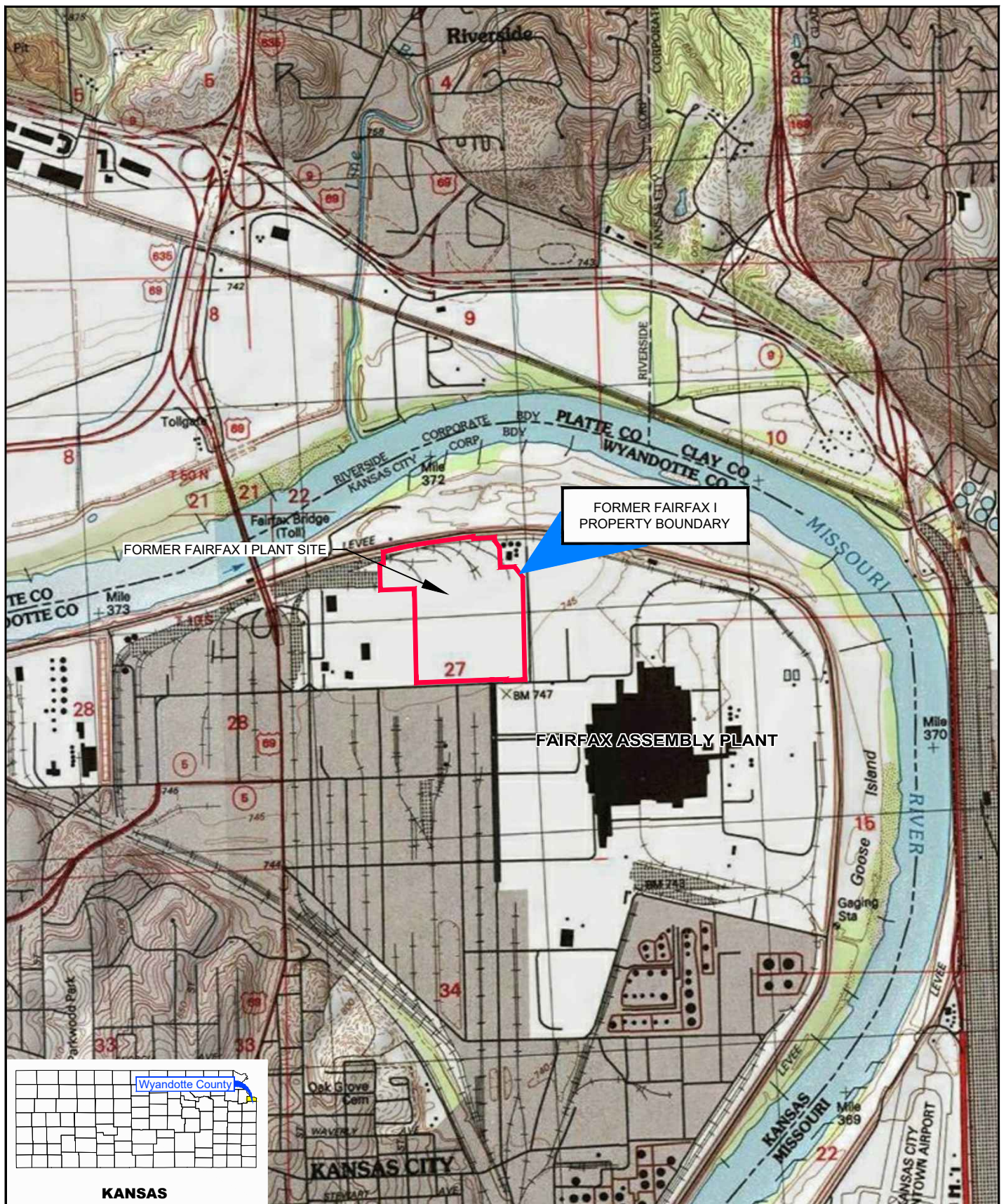
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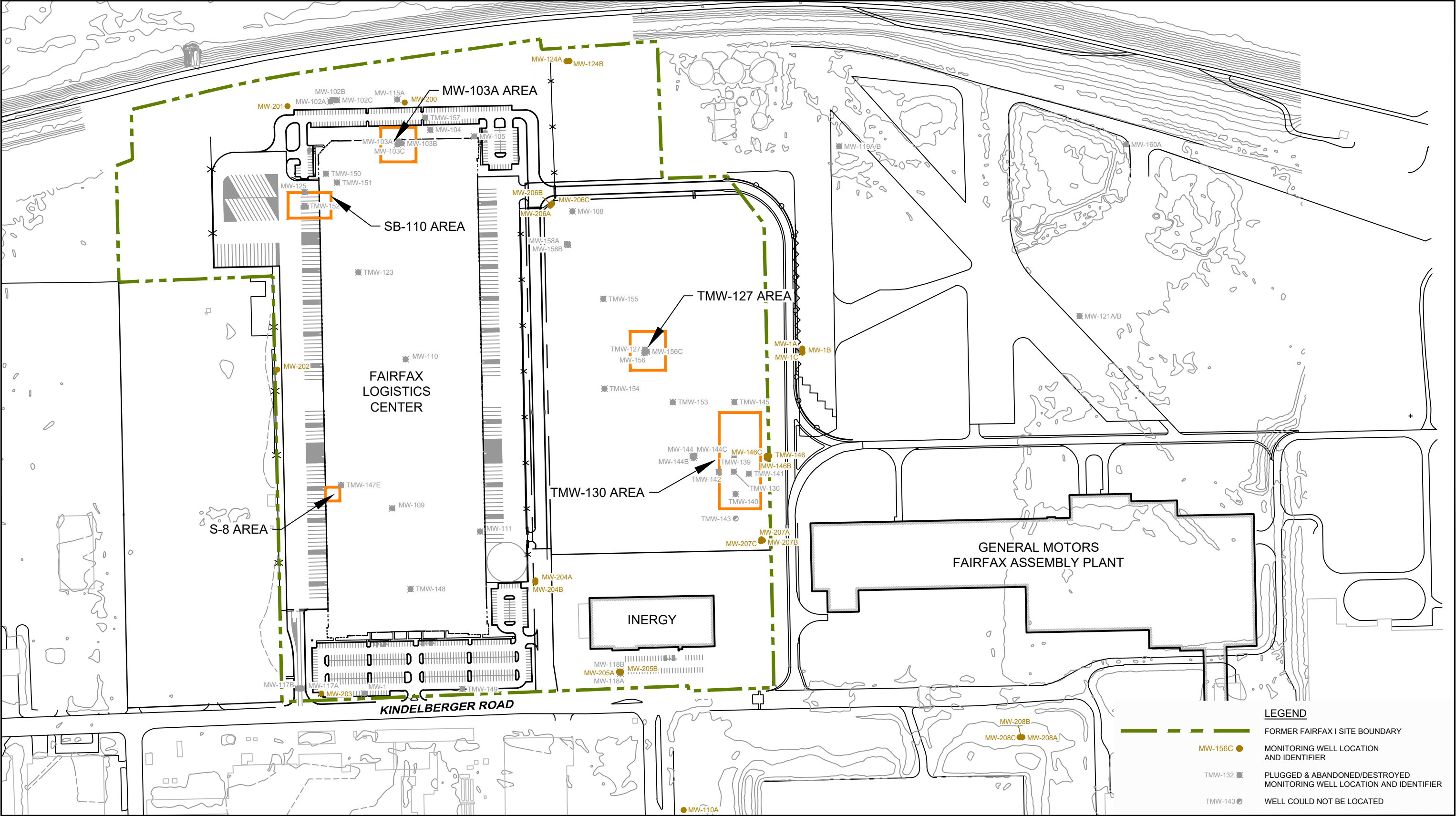
GHD

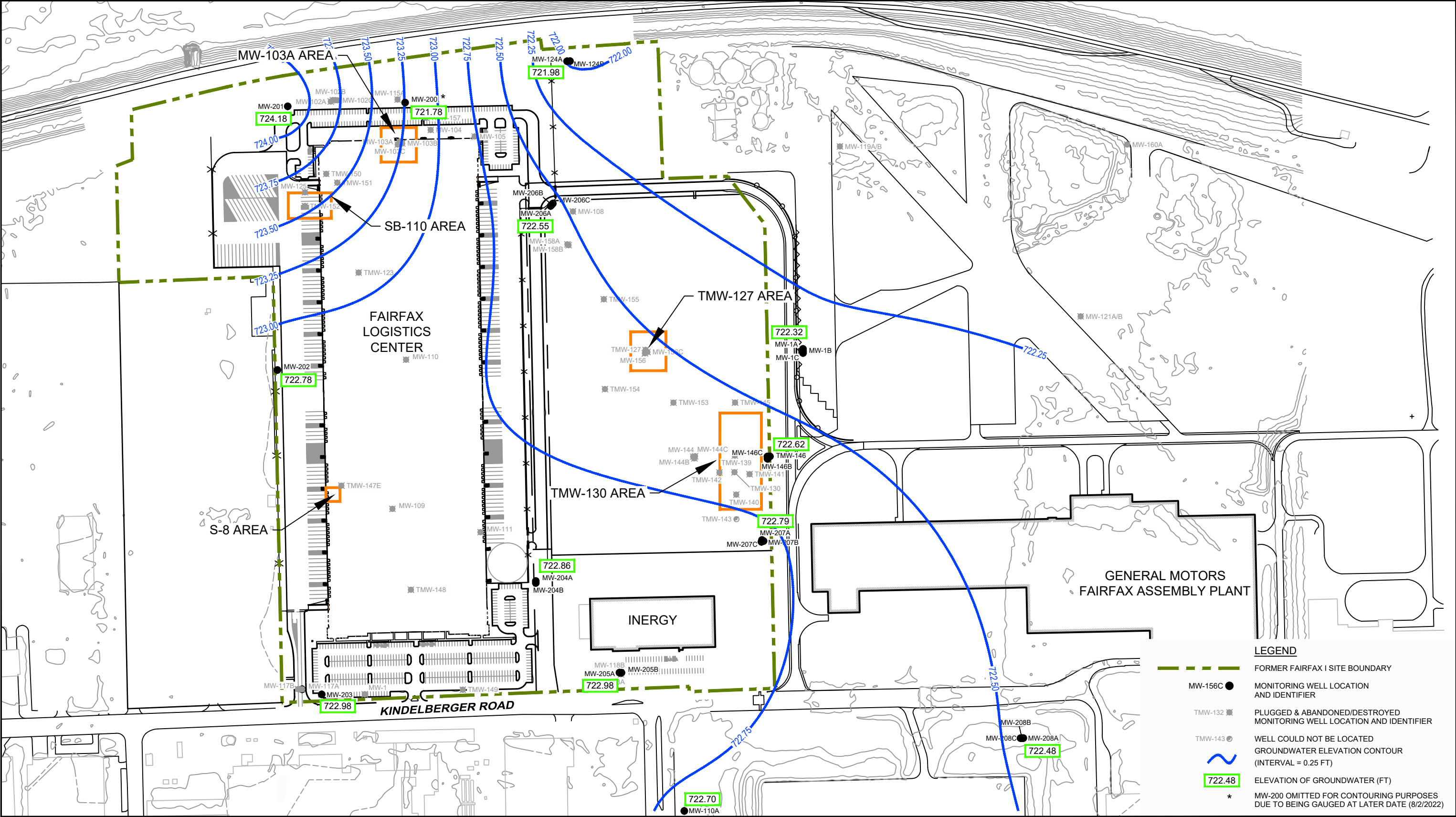


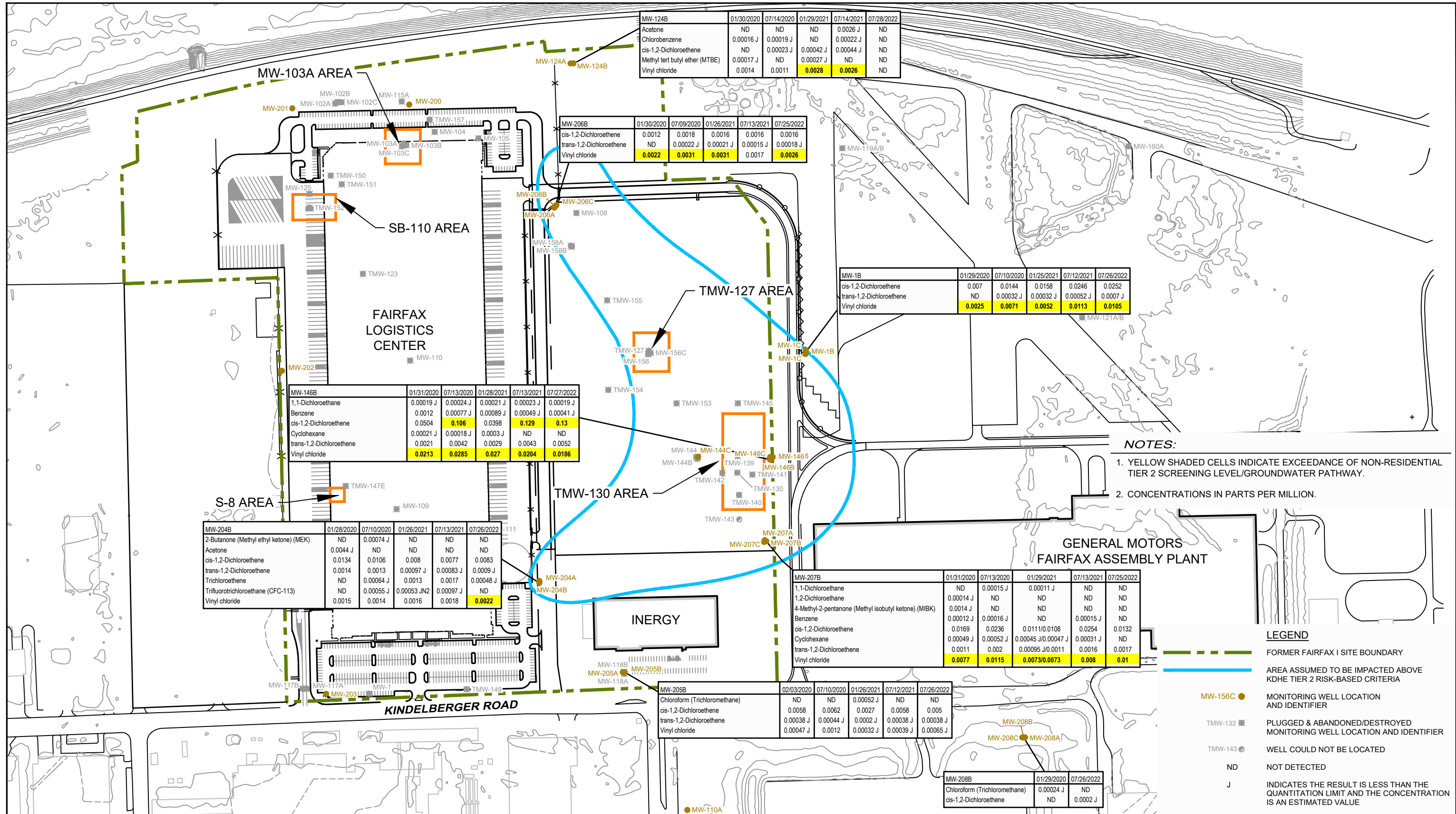
Travis Kogl, P.G.

Figures









0 100 300ft



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.

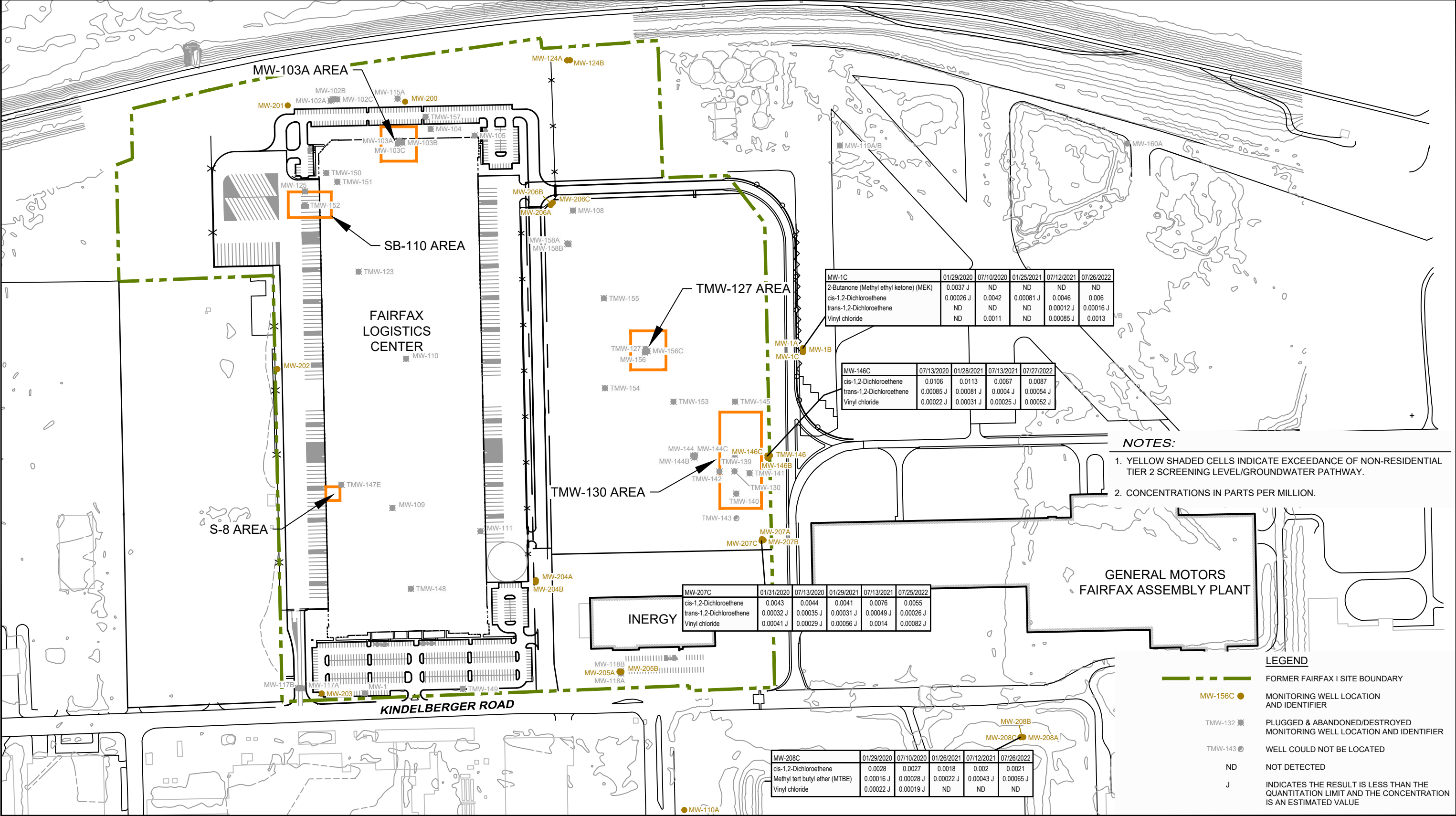


LONG-TERM GROUNDWATER MONITORING REPORT
FORMER FAIRFAX I SITE
KANSAS CITY, KANSAS

ANALYTICAL RESULTS IN INTERMEDIATE AQUIFER

12572652
Sep 29, 2022

FIGURE 7



Tables

**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

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-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-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-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
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
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-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-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-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

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-1B	Intermediate	7/25/2022	746.297	23.61	86.93	722.69
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-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-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-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-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-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-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

**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-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-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-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-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-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-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-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	23.80	62.66	722.83
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	23.80	92.44	722.77

**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-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-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	23.20	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-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	21.60	89.89	722.47

Notes

amsl - above mean sea level

TOC - top of casing

Table 3

Groundwater Ananalytical 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
Parameters	Units	Tier 2 Standard								
Petroleum Products										
High-Range Hydrocarbons (HRH)	mg/L	2.5	--	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	0.95	--	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	0.4	--	--	--	--	--	--	--	--
SVOCs - SIM										
Napthalene	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
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
1,1,2-Trichloroethane	mg/L	0.005	<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
1,1-Dichloroethene	mg/L	0.007	<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
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
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
1,2-Dichlorobenzene	mg/L	0.6	<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
1,2-Dichloropropane	mg/L	0.005	<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
1,4-Dichlorobenzene	mg/L	0.075	<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
2-Hexanone	mg/L	--	<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
Acetone	mg/L	45.5	<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
Bromodichloromethane	mg/L	0.08	<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
Bromomethane (Methyl bromide)	mg/L	0.0132	<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
Carbon tetrachloride	mg/L	0.005	<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
Chloroethane	mg/L	26.4	<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
Chloromethane (Methyl chloride)	mg/L	0.238	<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
cis-1,3-Dichloropropene	mg/L	--	<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
Dichlorodifluoromethane (CFC-12)	mg/L	0.567	<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
Isopropyl benzene	mg/L	0.968	<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
Methylene chloride	mg/L	0.005	<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
Tetrachloroethene	mg/L	0.005	<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
trans-1,2-Dichloroethene	mg/L	0.1	<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
Trichloroethene	mg/L	0.005	<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
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
Xylenes (total)	mg/L	10	<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 Ananalytical Results
Former Fairfax I Site
Kansas City, Kansas

Sample Location:		MW-1B	MW-1B	MW-1B	MW-1B	MW-1B	MW-1C	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-012920-NL-008	WG-071020-NL-005	WG-012521-NL-002	WG-071221-NL-004	WG-072622-NL-005
Sample Date:		1/29/2020	7/10/2020	01/25/2021	07/12/2021	07/26/2022	1/29/2020	7/10/2020	01/25/2021	07/12/2021	07/26/2022
Parameters	Units										
Petroleum Products											
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--	--	--	--
SVOCs - SIM											
Naphthalene	mg/L	--	--	--	--	--	--	--	--	--	--
VOCs											
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	0.0037 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	<0.01	<0.01	<0.01	<0.01 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	<0.001	<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	0.00026 J	0.0042	0.00081 J	0.0046	0.006
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	<0.001	<0.001	<0.001	0.00012 J	0.00016 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	<0.001	0.0011	<0.001	0.00085 J	0.0013
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 Ananalytical Results
Former Fairfax I Site
Kansas City, Kansas

Sample Location:		MW-110A	MW-110A	MW-110A	MW-110A	MW-110A	MW-124A	MW-124A	MW-124A	MW-124A	MW-124A
Sample ID:		WG-020320-NL-028	WG-071420-SM-034	WG-012821-SM-017	WG-071421-NL-013	WG-072722-NL-013	WG-013020-NL-014	WG-071420-SM-032	WG-012921-SM-024	WG-071421-SM-014	WG-072822-NL-014
Sample Date:		2/3/2020	7/14/2020	01/28/2021	07/14/2021	07/27/2022	1/30/2020	7/14/2020	01/29/2021	07/14/2021	07/28/2022
Parameters	Units										
Petroleum Products											
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--	--	--	--
SVOCs - SIM											
Naphthalene	mg/L	--	--	--	--	--	--	--	--	--	--
VOCs											
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	0.00016 J	<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	0.0094 J	<0.01	<0.01	<0.01	<0.01
Benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001	0.0017	0.00084 J	0.00043 J	0.00027 J	<0.001	0.00047 J	0.00026 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	<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	0.0107	0.0113	0.0102	0.0073	0.0065	<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	0.0003 J	0.00023 J	0.0004 J	0.00074 J	0.00084 J	<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	<0.001	<0.001	<0.001	<0.001	<0.001	0.0002 J	0.00015 J	<0.001	0.00063 J	0.00017 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 Ananalytical Results
Former Fairfax I Site
Kansas City, Kansas

Sample Location:	MW-124B	MW-124B	MW-124B	MW-124B	MW-124B	MW-146B	MW-146B	MW-146B	MW-146B	MW-146B
Sample ID:	WG-013020-NL-015	WG-071420-SM-030	WG-012921-SM-026	WG-071421-SM-013	WG-072822-NL-015	WG-013120-NL-018	WG-071320-SM-024	WG-012821-NL-018	WG-071321-NL-005	WG-072722-NL-010
Sample Date:	1/30/2020	7/14/2020	01/29/2021	07/14/2021	07/28/2022	1/31/2020	7/13/2020	01/28/2021	07/13/2021	07/27/2022
Parameters	Units									
Petroleum Products										
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--	--	--
SVOCs - SIM										
Napthalene	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 J	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 J	<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	0.0026 J	<0.01	<0.01	<0.01 J	<0.01	<0.01
Benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.0012	0.00089 J	0.00049 J	0.00041 J
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	0.00016 J	0.00019 J	<0.001	0.00022 J	<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	<0.001	0.00023 J	0.00042 J	0.00044 J	<0.001	0.0504	0.0398	0.129	0.13
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	--	0.00021 J	0.00018 J	<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	0.00017 J	<0.001	0.00027 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<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	0.0021	0.0042	0.0029	0.0052
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	<0.001	--
Vinyl chloride	mg/L	0.0014	0.0011	0.0028	0.0026	<0.001	0.0213	0.0285	0.027	0.0186
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 Ananalytical Results
Former Fairfax I Site
Kansas City, Kansas

Sample Location: Sample ID: Sample Date:		MW-146C WG-013120-NL-017 1/31/2020	MW-146C WG-071320-SM-022 7/13/2020	MW-146C WG-012821-NL-016 01/28/2021	MW-146C WG-071321-NL-006 07/13/2021	MW-146C WG-072722-NL-011 07/27/2022	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
Parameters	Units										
Petroleum Products											
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--	--	--	--
SVOCs - SIM											
Naphthalene	mg/L	--	--	--	--	--	--	--	--	--	--
VOCs											
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	0.0002 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	<0.001	0.0106	0.0113	0.0067	0.0087	<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	<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	0.00028 J
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	0.00085 J	0.00081 J	0.0004 J	0.00054 J	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<0.001	0.00022 J	0.00031 J	0.00025 J	0.00052 J	<0.001	<0.001	<0.001	<0.001	<0.001
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

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

Table 3

Groundwater Ananalytical Results
Former Fairfax I Site
Kansas City, Kansas

Sample Location:		MW-201	MW-201	MW-201	MW-201	MW-201	MW-202	MW-202	MW-202	MW-202	MW-202
Sample ID:		WG-012820-NL-004	WG-071320-NL-019	WG-012821-SM-019	WG-071421-SM-015	WG-072522-PL-004	WG-020320-NL-027	WG-071320-NL-021	WG-012921-SM-028	WG-071421-NL-011	WG-072822-NL-016
Sample Date:		1/28/2020	7/13/2020	01/28/2021	07/14/2021	07/25/2022	2/3/2020	7/13/2020	01/29/2021	07/14/2021	07/28/2022
Parameters	Units										
Petroleum Products											
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--	--	--	--
SVOCs - SIM											
Naphthalene	mg/L	--	--	--	--	--	--	--	--	--	--
VOCs											
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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 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	<0.001	<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	<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	0.0014	<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	<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 Ananalytical Results
Former Fairfax I Site
Kansas City, Kansas

Sample Location: Sample ID: Sample Date:		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-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	MW-204A WG-071321-NL-008 07/13/2021	MW-204A WG-072622-PL-006 07/26/2022
Parameters	Units										
Petroleum Products											
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--	--	--	--
SVOCs - SIM											
Naphthalene	mg/L	--	--	--	--	--	--	--	--	--	--
VOCs											
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	0.0025 J	<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	0.0034 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	0.00017 J	0.00028 J	<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	<0.001	<0.001	0.00027 J	<0.001	0.00038 J	0.00063 J	0.0016	0.0024	0.0015
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	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00014 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	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.0116	0.0085	0.0134	0.0125	0.0085
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	--	0.0136	0.0094	0.0108	0.0097	--
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 Ananalytical Results
Former Fairfax I Site
Kansas City, Kansas

Sample Location: Sample ID: Sample Date:	MW-204A WG-072622-PL-007 07/26/2022 Duplicate	MW-204B WG-012820-NL-002 1/28/2020	MW-204B WG-071020-SM-012 7/10/2020	MW-204B WG-012621-NL-008 01/26/2021	MW-204B WG-071321-NL-009 07/13/2021	MW-204B WG-072622-PL-008 07/26/2022	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
Parameters	Units									
Petroleum Products										
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--	--	--
SVOCs - SIM										
Naphthalene	mg/L	--	--	--	--	--	--	--	--	--
VOCs										
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	0.00074 J	<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	0.0044 J	<0.01	<0.01	<0.01	0.0037 J	<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	<0.001	<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	0.0015	0.0134	0.0106	0.008	0.0077	0.0083	<0.001	<0.001	0.00045 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
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	--	<0.001	<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
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	0.00034 J	<0.001	<0.001	<0.001	<0.001	0.00033 J	<0.001	0.00031 J	<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	0.0014	0.0013	0.00097 J	0.00083 J	0.0009 J	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	0.0092	<0.001	0.00064 J	0.0013	0.0017	0.00048 J	<0.001	<0.001	0.00022 J
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	0.00055 J	0.00053 J	0.00097 J	--	<0.001	<0.001	<0.001
Vinyl chloride	mg/L	<0.001	0.0015	0.0014	0.0016	0.0018	0.0022	<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 Ananalytical Results
Former Fairfax I Site
Kansas City, Kansas

Sample Location: Sample ID: Sample Date:	MW-205A WG-072622-PL-009 07/26/2022	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	MW-205B WG-072622-PL-010 07/26/2022	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
Parameters	Units									
Petroleum Products										
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--	--	--
SVOCs - SIM										
Naphthalene	mg/L	--	--	--	--	--	--	--	--	--
VOCs										
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<0.001	<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	0.00049 J	<0.001	<0.001
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00039 J	<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	0.00052 J	<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	0.00018 J	0.0058	0.0062	0.0027	0.0058	<0.001	<0.001	0.00029 J	0.00069 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
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
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	<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
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	0.00052 J	<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	0.00038 J	0.00044 J	0.0002 J	0.00038 J	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<0.001	<0.001
Vinyl chloride	mg/L	<0.001	0.00047 J	0.0012	0.00032 J	0.00032 J	<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 Ananalytical Results
Former Fairfax I Site
Kansas City, Kansas

Sample Location: Sample ID: Sample Date:	MW-206A WG-072522-PL-001 07/25/2022	MW-206B WG-013020-NL-012 1/30/2020	MW-206B WG-070920-NL-003 7/9/2020	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-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
Parameters	Units									
Petroleum Products										
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--	--	--
SVOCs - SIM										
Naphthalene	mg/L	--	--	--	--	--	--	--	--	--
VOCs										
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<0.001	<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	0.0019	0.0012	0.0018	0.0016	0.0016	<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
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	--	<0.02	<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
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	0.00022 J	0.00021 J	0.00015 J	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<0.001
Vinyl chloride	mg/L	<0.001	0.0022	0.0031	0.0031	0.0017	<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 Ananalytical Results
Former Fairfax I Site
Kansas City, Kansas

Sample Location: Sample ID: Sample Date:	MW-206C WG-072522-PL-003 07/25/2022	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-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	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	<0.050	<0.050	<0.050	<0.050	<0.050	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	<0.059 J	<0.060	<0.060	<0.059	<0.060	--	--	--
SVOCs - SIM										
Naphthalene	mg/L	--	<0.00045	<0.00048	<0.0005	<0.0005	<0.00048	--	--	--
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	0.00015 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
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	0.00014 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
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 J	<0.01	<0.01	<0.01	<0.01	<0.01 J
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01 J	<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	0.0014 J	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01	<0.01	<0.01 J	<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	0.00012 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
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	<0.001	0.0007 J	0.00094 J	0.00076 J	0.0013	0.0025	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
Cyclohexane	mg/L	--	<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
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	0.0032	0.0029	0.0017	0.0015	0.0016	0.00078 J	<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	0.0011	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
Trichloroethene	mg/L	<0.001	0.0005 J	0.00034 J	0.00095 J	0.00034 J	0.00032 J	<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	<0.001
Vinyl chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	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

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

Table 3

Groundwater Ananalytical 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-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-208A WG-012920-NL-009 1/29/2020	MW-208A WG-071020-SM-006 7/10/2020	MW-208A WG-012521-SM-001 01/25/2021
Parameters	Units										
Petroleum Products											
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--	--	--	--
SVOCs - SIM											
Napthalene	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 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	<0.01	<0.01
Benzene	mg/L	0.00015 J	<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	0.0254	0.0132	0.0043	0.0044	0.0041	0.0076	0.0055	<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	0.00031 J	--	<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	--	<0.02	<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	<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	0.0016	0.0017	0.00032 J	0.00035 J	0.00031 J	0.00049 J	0.00026 J	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	0.008	0.01	0.00041 J	0.00056 J	0.00041 J	0.0014	0.00082 J	<0.001	<0.001	<0.001
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

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

Table 3

Groundwater Ananalytical Results
Former Fairfax I Site
Kansas City, Kansas

Sample Location: Sample ID: Sample Date:		MW-208A WG-071221-SM-001 07/12/2021	MW-208A WG-072622-NL-009 07/26/2022	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	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
Parameters	Units										
Petroleum Products											
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--	--	--	--
SVOCs - SIM											
Napthalene	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	0.00024 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	<0.001
cis-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0002 J	0.0028	0.0027	0.0018
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<0.001	--	<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	<0.001
Methyl tert butyl ether (MTBE)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00016 J	0.00028 J	0.00022 J
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<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	<0.001
Vinyl chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00022 J	0.00019 J	<0.001
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

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

Table 3

Groundwater Ananalytical Results
Former Fairfax I Site
Kansas City, Kansas

Sample Location: Sample ID: Sample Date:		MW-208C WG-071221-SM-003 07/12/2021	MW-208C WG-072622-NL-007 07/26/2022	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	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
Parameters	Units										
Petroleum Products											
High-Range Hydrocarbons (HRH)	mg/L	--	--	<0.20 J	<0.20 J	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Low-Range Hydrocarbons (LRH)	mg/L	--	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050UJ	<0.050
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	0.078 J-	0.070 J-	<0.061	<0.060	<0.059	<0.060	0.072	<0.060
SVOCs - SIM											
Naphthalene	mg/L	--	--	<0.0005	<0.00048	<0.00053	<0.00050	<0.00053	<0.00053	<0.0005	<0.00048
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 J	<0.01 J	0.0013 J	<0.01
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 J	<0.01 J	<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 J	<0.01 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	0.00043 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	0.002	0.0021	0.00029 J	<0.001	0.00032 J	<0.001	0.00018 J	0.00016 J	0.00021 J	0.00034 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	0.0001 J	<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	<0.02	<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	<0.001	--
Methyl tert butyl ether (MTBE)	mg/L	0.00043 J	0.00065 J	<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	<0.001	--
Vinyl chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00031 J	<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.

Appendices

Appendix A

Field Documentation

7/25/22 GM FAIRFAX 12572652

TASK: Annual Sampling Event
Personnel: N. LASKARIS
P. LePlant

Equip: Rental Submersible S.S. Pump
w/ Controllers (x2) {2M102098
24908
Rental YSI PRODS $\times 2$ {4106085X
4106085X } ; Rental Indicator
probe (x2) {4104028X ; 4102724X } ;
GHD TRUCK #5520 ; Rental vehicle

Weather: Rain; 82°F

PPE: LEVEL D + Covid 19 policy

09:30 - Arrive @ Rental Equipment
(FEI)

10:00 - Arrive @ PACE to collect bottles

↳ Bottle order not filled. PACE
to complete bottle order ; have
ready for pick-up 2/hr.

11:55 - Leave @ site.
↳ TISM & JSA Review

7/25/22 GM/PAVER
FAIRFAX 12572652¹⁵

12:15 - Equipment check & calibration

12:30 - Begin gauging MW's: ^{see memo} PG
(except GM prop wells due to
~~no~~ access. Training scheduled
for 7/26/22.)

↳ All down-well, non-dedicated
equipment to be decon'd
before each use w/ distilled
H₂O & Alconox

↳ All IDW & purge water to be
collected & contained in an
On-Site 150L drum (NON-HAZ)

13:45 - Begin Sampling MW's via
LFP procedures / SOP's.

↳ See SP-09 form for
stabilization & sampling data

14:00 - MW-200 is under 12" of water.
small slit trench dug to attempt
to drain water away from area.

7/25/22		GM/Fairfax RACER		12572652
MWID	DTP	DTW	TD	NOTES
1A	—	24.48	37.29	
2A/B	—	23.61	86.93	
1C	—	24.44	107.27	
124A	—	26.48	37.08	
124B	—	26.44	61.74	
110A	—	22.01	36.50	
TNW-146	—	23.51	31.24	
MW-146B	—	23.81	62.31	
146C	—	24.09	94.01	
200	—	22.74*	26.97	*DTW measured 8/2
201	—	24.44	27.27	
202	—	21.18	27.21	
203	—	21.41	26.90	
204A	—	22.90	27.27	
204B	—	22.86	59.81	
205A	—	21.86	26.98	
205B	—	22.04	59.73	
206A	—	22.30	26.87	
206B	—	22.32	59.73	
206C	—	22.42	89.74	
207A	—	23.83	30.23	
207B	—	23.80	62.66	
207C	—	23.80	92.44	
208A	—	21.68	26.44	
208B	—	21.69	59.39	
208C	—	21.69	29.89	

7/25/22

GM/RACER
Fairfax

12572652

→ All collected samples immediately placed on ice in laboratory supplied coolers

17:20 - IDW containerized, housekeeping site secured & off-site

7/26/22 RACER FAIRFAX 12572652

TASK: Annual GWM Event

Personnel: N. LASKAROS } GHD
P. LAPlant }

Camp: see pg 14

Weather: light rain; 78°F; Humid

PPE: Level D + Cont P. Policy

0815 - on-site

→ TGSM

→ Renew scope & Resume MW sampling activities. Same IDW, sampling, handling & decon procedures as before.

0830 - Calibrate Equipment

0845 - MW-200 still under water

0900 - Check-in @ GWM Facility to take training (annual) to gain access to GWM property.

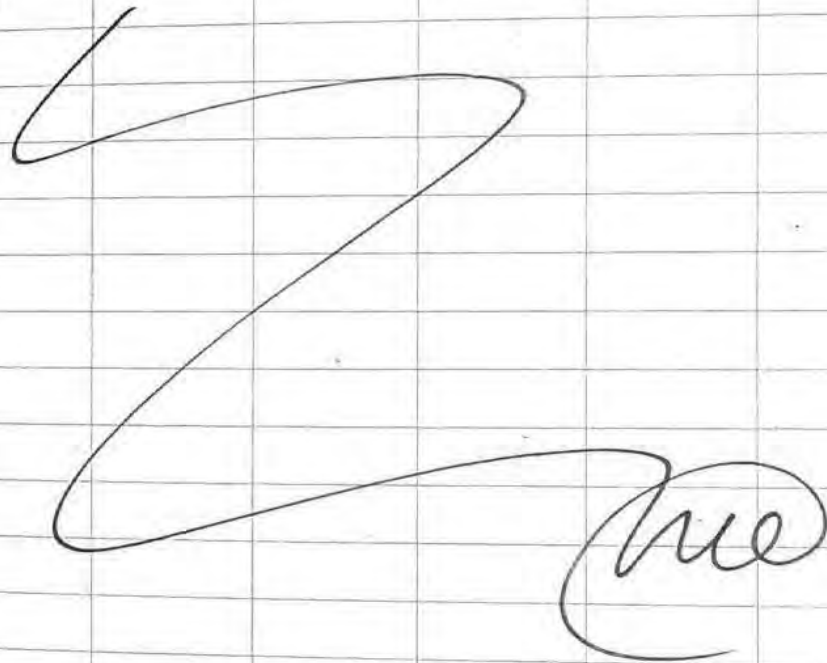
7/26/22 RACER FAIRFAX 12572652

11:15 - Met w/ G. Behr (AM) & discuss scope on GWM property.

14:30 - MW-1A, 1B, & 1C: new locks placed on wells (photo taken)

15:30 - P. LAPlant off-site

19:00 - IDW added to drum; site secured; housekeeping; off site



7/27/22

RACER
FAIRFAX

12572652

TASK: Annual Sampling Event
Personnel: N. LASKAROS
Camp: see pg 14
Weather: Scattered showers, 80°F
PPE: Level D+ Cont P1 policy

0830-on-site
→ TISM

0850-Calibrate Camp

0900-Continue Sampling MW's w/
same IDW, decon, handling &
LFP procedures as before!
→ MW-200 still submerged.

12:00-S. FARRIS w/ PACE dropped
off more VoA vials (40ml
HCl Ambers) due to bottle
order not including enough
to match SSOWS.

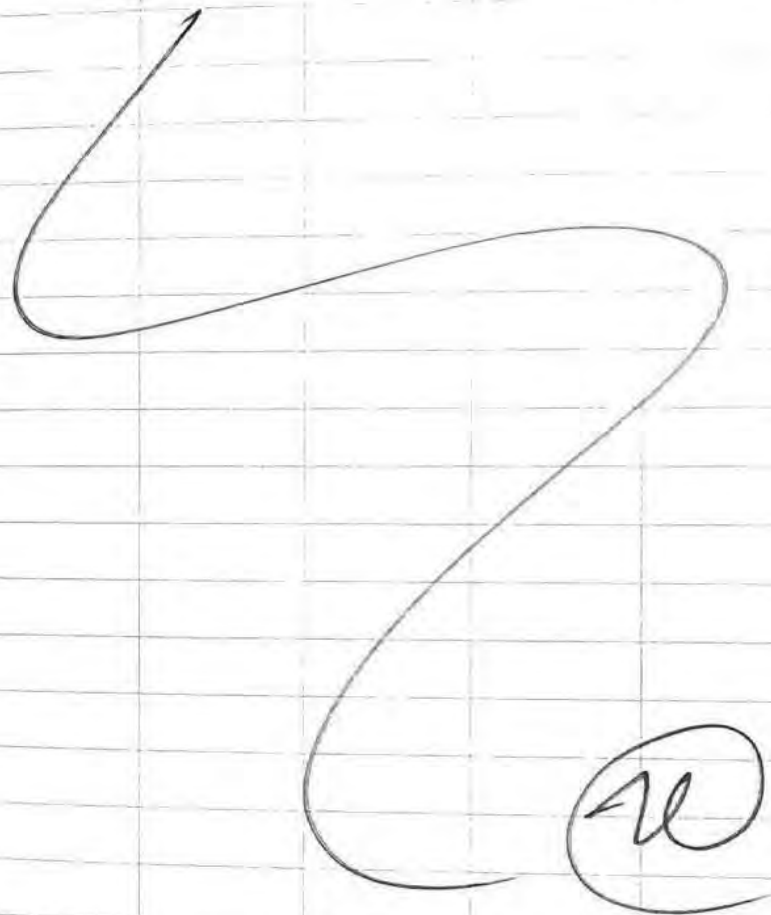
7/27/22

RACER
FAIRFAX

12572652²¹

15:55-Samples re-iced & IDW
placed in drum. Site
secured.

16:15
~~16:45~~ ^W Off-site



7/28/22

RACER
FAIRFAX

12572652

TASK: Annular GMM

Personnel: N. LASKARIS

Equip: see pg 14

Weather: Stormy; 77°F

PPE: Level D

0755 - on-site
→ TASM

0800 - SMA due to thunderstorm

0810 - off-site to find WiFi to
return after storm
clears

09:30 - Return on-site.

↳ MW-124A & 124B inaccessible
by truck. must access by
foot.

↳ MW-200 still submerged.
- PM notified client &
visit next week would be
necessary to complete the GMM

7/28/22

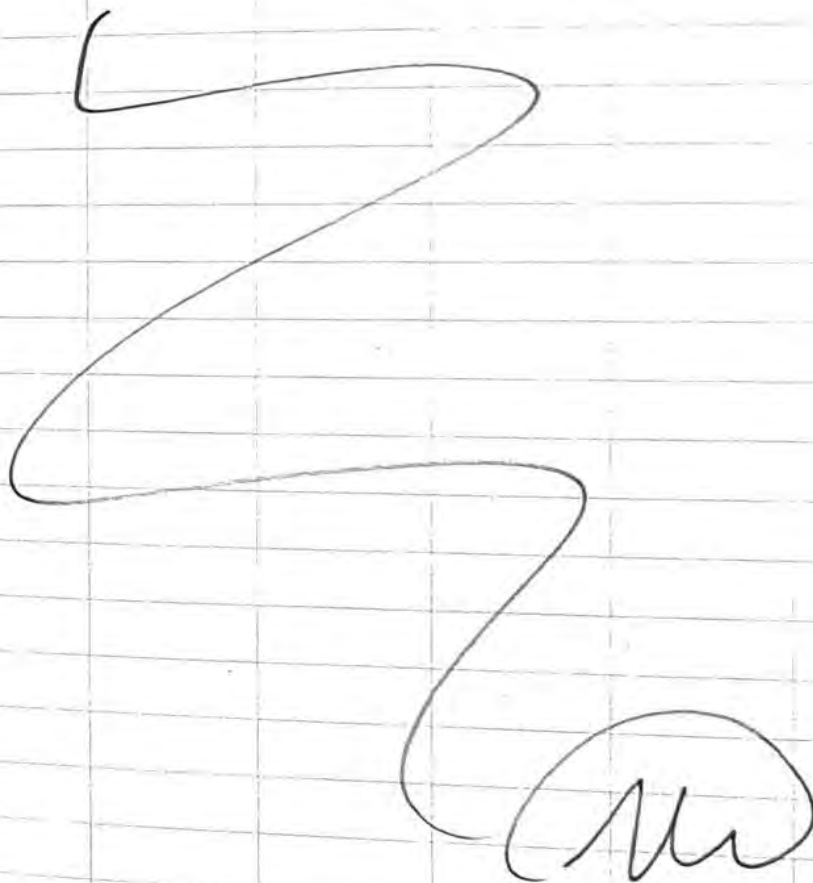
RACER
FAIRFAX

12572652

23

15:45 - Drum secured, equip &
~~drum~~ samples to be
delivered to LAB & FEL.

16:05 - Housekeeping & off-site



8/2/22 KACER Trust 12572658

MWID	Sample Name	Time	Analytes
206A	WG-072522-PL-001	1345	1
206B	WG-072522-PL-002	1450	1
207C	WG-072522-NL-001	1540	1, 2
206C	WG-072522-PL-003	1615	1
207B	WG-072522-NL-002	1645	1
207A	WG-072522-NL-003	1740	1
201	WG-072522-PL-004	1745	1
203	WG-072622-PL-005	0925	1
204A	WG-072622-PL-006	1125	1
204A (dup)	WG-072622-PL-007	1135	1
1B	WG-072622-NL-004	12:20	1
1C	WG-072622-NL-005	1315	1
204B	WG-072622-PL-008	1320	1
1A	WG-072622-NL-006	1415	1
205A	WG-072622-PL-009	1437	1
205B	WG-072622-PL-010	1528	1
208C	WG-072722-NL-007	1555	1
208B	WG-072722-NL-008	1750	1
208A	WG-072722-NL-009	1840	1
146B	WG-072722-NL-010	1000	1
146C	WG-072722-NL-011	1115	1
TRW-146	WG-072722-NL-012	1225	1, 2
110A	WG-072722-NL-013	1423 ¹⁴²⁵	1

(no) — continued on 27

8/2/22 RACER Trust 12572658

TASK: GNM - Annual Gunt
 Personnel - N. LASKARIS
 Equip: Disposable Bailer; Truck #556;
 KS-IP-uf
 Weather: Sunny; 90°F; Heat Advisory
 PPE: Level D PPE 19 policy

09:15 - ON-SCU
 → TASM

→ MW-200 is accessible

DTW: 22.74'
 TD: 26.97'

→ DTW may not be usable w/
 annual contours due to being
 changed a week after initial
 SNLs.

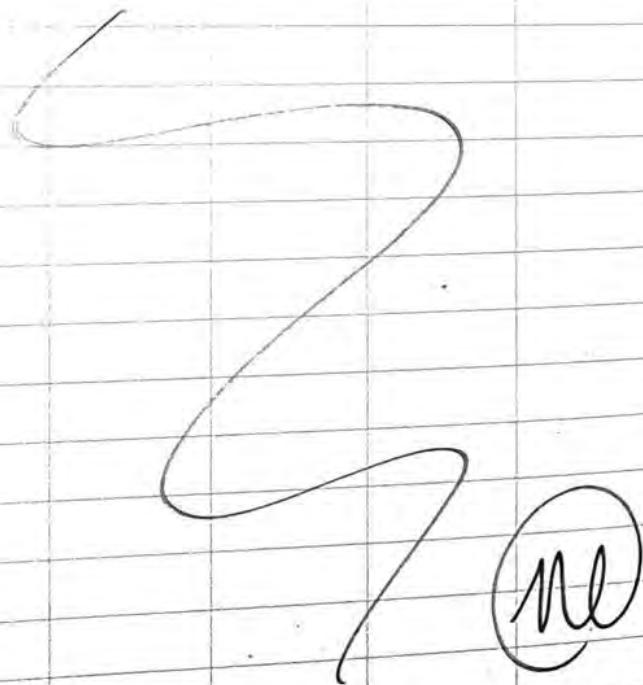
- Well purged via disposable
 bailer $((TD - DTW) \cdot 0.162) \cdot 3$
 $((26.97 - 22.74) \cdot 0.162) \cdot 3$
 3 well volumes = 2.05 gallons

8/2/22 Racer Trust 12572652
purge volume: ~2 gallons
actual vol removed: ~3 gallons

10:15- WG-080222-NL-015
LPH/MRH/HRH/8260 Full List

10:35- Housekeeping & off-site

14:00- PACE Carrier to collect
samples & deliver to lab



Racer Trust 12572652

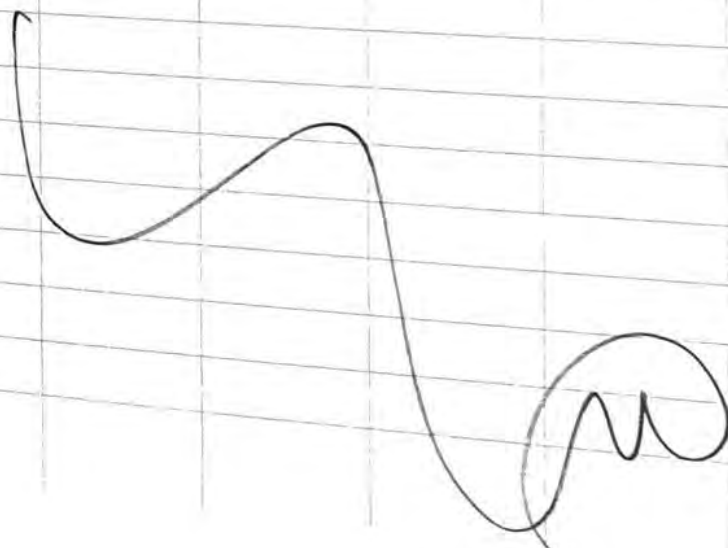
MWID	Sample Name	Time	Analyzed
MW-124A	WG-072822-NL-014	10:05	1
MW-124B	WG-072822-NL-015	11:05	1
MW-202	WG- ~~072822~~ 822-NL-016	15:15	1
MW-200	WG-080222-NL- ~~015~~ 015*	10:15	1

* mis-numbered on C.O.C. this is
corrected here to show actual #

+ = ~~BTEX~~ (w)

1 = 8260 Full list; TPH LPH; TPH MRH
/ TPH HRH

2 = naphthalene by 8270



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

Project Data:

Project Name: Railcar Fair Fax
Ref. No.: _____

Date: 7/25/22
Personnel: PAIGE CAPRANT
NICK LASTRAPES

Monitoring Well Data:

Monitoring Well Data:

Well No.:	209A
Vapour PID (ppm):	
Measurement Point:	TAC
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): _____
 Initial Depth to Water (m/ft): 22.3 ft.

~ 2 ft. from
bottom

[illegible]

Sample ID: WG-072322-PL-001

Sample Time: 1345

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, $V_s = n \cdot (r^2) \cdot L$ in m^3 , 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 600 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 $> 1 \text{ mS/cm} \pm 0.01 \text{ mS/cm}$.

21M162092
Submersible

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

Project Data:

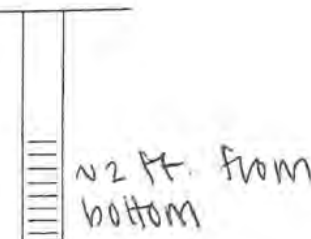
Project Name: Racelar Fairfax
Ref. No.: _____

Date: 7/25/22
Personnel: Paula Lapierre

Monitoring Well Data:

Well No.: 200B
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): 22.32 ft



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 mL	No. of Well Screen Volumes Purged ⁽⁴⁾
			Precision Required ⁽⁵⁾ : ±3 %	±3 %	±0.005 or 0.01 ⁽⁶⁾	±10 %	±10 %	±0.1 Units	±10 mV		
1415	225	22.32		17.1	1.057	opaque	0.41	7.21	-145	0	
1420				17.7	1.074	↓	0.38	7.20	-152.7	1125	
1425				16.0	1.038	clearly	0.41	7.21	-149.4	2250	
1430				16.7	1.043	↓	0.40	7.20	-147.4	3375	
1435				17.0	1.055	clear	0.40	7.20	-146.7	4500	
1440				17.1	1.043	↓	0.40	7.20	-145.8	5625	
1445				17.5	1.074	↓	0.39	7.20	-145.4	6750	
1450		22.32		17.6	1.076	↓	0.39	7.20	-145.1	7875	

Sample ID: WG-072522-PL-002

Sample Time: 1450

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 600 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.

1517
Monitoring Well Record for Low-flow Purging
(Form SP-09)

Project Data:

Project Name: RACER FARFAX
Ref. No.: 12502652

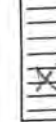
Date: 7/25/22
Personnel: N. LASKARIS

Submersible

Monitoring Well Data:

Well No.: MW-207C
Vapour PID (ppm): _____
Measurement Point: T.O.C
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): 23.80



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		
1500	350	23.80	0.00	17.3	0.944	CLEAR	17.5	7.92	-141.2		
05	"	"	"	17.1	0.974	"	1.09	7.24	-157.3		
10	"	"	"	17.4	0.985	"	0.86	7.23	-155.9		
15	"	"	"	17.2	0.986	"	0.80	7.23	-160.8		
20	"	"	"	17.3	0.986	"	0.74	7.23	-163.4		
25	"	"	"	17.4	0.987	"	0.70	7.23	-164.1		
30	350	23.80	0.00	17.3	0.986	CLEAR	0.68	7.23	-165.7		

Sample ID: W1-072522-NL-XX

Sample Time: 15:40

Analytes: 8200/LRA/MRA/MRH

Duplicate ID: _____

Duplicate 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 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

21M102092

21M102092
SubmersibleMonitoring Well Record for Low-Flow Purging
(Form SP-09)

Project Data:

Project Name: Racecar Four Fox
Ref. No.: _____Date: 7/25/22
Personnel: Purge Captain

Monitoring Well Data:

Well No.: 206C
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): 22.42 fttubing length
~ 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)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, V _p (mL)	No. of Well Screen Volumes Purged ⁽⁴⁾
			Precision Required ⁽⁵⁾ : ±3 %		±0.005 or 0.01 ⁽⁶⁾	±10 %	±10 %	±0.1 Units	±10 mV		
1555	250	22.42		16.8	0.836	cloudy	1.24	7.27	-124.3	0	
1600				15.9	0.821	↓	0.90	7.20	-128.0	1250	
1605				15.9	0.821	clear	0.84	7.20	-130.3	2500	
1610	400	22.42		16.6	0.823	↓	0.81	7.20	-131.0	4500	

Sample ID: WG-072522-PL-003Sample Time: 1615

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 600 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

RACER FAIRFAX
12572652

7/25/22
N. LASKARIS

MMW-2013

T.O.C

3

2011-12-12

24 25 80

Sample Time: 1045

WG-072522 NL-1572

8260 / LPH / MCH / HCH

8260/L141/R.21

(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, $V_s = \pi(r^2) \cdot L$ in mL, where r ($r=D/2$) and L are in cm.

(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 $\pm$ 0.005 mS/cm or where conductivity >1 mS/cm $\pm$ 0.01 mS/cm.

Sommerside

RACER FIGHT
12572452

7/25/22
N. LAVERGNE

Well No.: MW-207A

Indic

T-D-C

211

211

23.83

1705

~~WGA~~ WGA-072522-NL-003
100 West 14th / 5270

BTEX / UH / MET / HRT / 9270

sediment accumulated at the well bottom

1740

(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. For metric units, $V_s = n \cdot (r^2) \cdot L$ in mL, where r ($r = D/2$) and L are in cm.

(2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For Imperial units, $V_s = n \cdot (r^2) \cdot L \cdot (2.54)^3$, where r and L are in inches. The pumping rate should not exceed 500 mL/min.

(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. For Imperial units, $V_s = n \cdot (r^2) \cdot L \cdot (2.54)^3$, where r and L are in inches. 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). No. of Well Screen Volumes Purged = V_p/V_s .

(5) For conductivity, the average value of three readings < 1 mS/cm $\pm$ 0.005 mS/cm or where conductivity > 1 mS/cm $\pm$ 0.01 mS/cm.

21 MIO 2092
Submersible

Project Data:

Project Name: RACCAR Fair Fax
Ref. No.: _____

Date: 7/25/22
Personnel: David Caplan

Monitoring Well Data:

Well No.: 201
Vapour PID (ppm):
Measurement Point: TCC
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): 24.44 ft.

~ 2 ft. from
bottom

[illegible]

Sample ID: WG-072522-PL-004

Sample Time: 1745

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 600 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 $> 1 \text{ mS/cm} \pm 0.01 \text{ mS/cm}$.

21M102092
Submersible

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

Project Data:

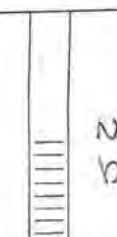
Project Name: Racecar Fairfax
Ref. No.: _____

Date: 7/26/22
Personnel: PAUL LAPANT

Monitoring Well Data:

Well No.: 284B 204A
Vapour PID (ppm): _____
Measurement Point: MC
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)⁽²⁾: _____
Initial Depth to Water (m/ft): 22.9 ft



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)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, V _p (mL)	No. of Well Screen Volumes Purged ⁽⁴⁾
Precision Required ⁽⁵⁾ :				±3 %	±0.005 or 0.01 ⁽⁶⁾	±10 %	±10 %	±0.1 Units	±10 mV		
1015	400	22.4		17.5	2.197	cloudy	0.77	6.46	-82.4	0	
1020				18.1	2.254	↓	0.53	6.47	-57.6	2000	
1025				17.9	2.279	cloudy	0.49	6.47	-49.6	4000	
1030				18.2	2.305	↓	0.40	6.46	-32.0	6000	
1035				17.9	2.299	clear	0.45	6.46	-22.0	8000	
1040	150			18.7	2.335		0.45	6.47	-13.3	10000	
1045				18.8	2.355		0.45	6.46	-14.8	10750	
1050	300			18.2	2.328		0.43	6.47	-8.7	12250	
1055				18.2	2.316		0.44	6.47	-21.1	13750	
1100				18.2	2.332		0.43	6.47	-24.1	15250	
1105				18.3	2.353		0.43	6.47	-20.5	16750	
1110				18.5	2.305		0.44	6.47	-21.3	18250	
1115		22.9		18.8	2.392	↓	0.41	6.47	-22.0	19750	

Sample ID: WG-072622-PL-006

Sample Time: 1125

Notes:

- collected duplicate; WG-072622-PL-007 time: 1135
- 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 600 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.

Project Data:

Project Name: RACER TRUST
Ref. No.: 12572052

Date: 7-26-22
Personnel: N. CASARAS

Well No.: MW-1B

Vapour PID (ppm): _____

Measurement Point: T.O.C

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): 23.61

[illegible]

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 600 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

(5) For conductivity, the average value of three readings $< 1 \text{ mS/cm} \pm 0.005 \text{ mS/cm}$ or where conductivity $> 1 \text{ mS/cm} \pm 0.01 \text{ mS/cm}$.

WG-072622-NL-004
@ 12:20

BTEX	LPH	MPH	HPH
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Submersible

Project Name: RACINE FAIRFAX
Ref. No.: 12572652

Date: 7/26/22
Personnel: N. LASKALES

Well No.: MW-1A

Vapour PID (ppm):

Measurement Point: T.O.C

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_g (L)⁽²⁾: _____

Initial Depth to Water (m/ft): 24.48

[illegible]

- (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 600 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 $\pm$ 0.005 mS/cm or where conductivity >1 mS/cm $\pm$ 0.01 mS/cm.

7/26 @ 14/15

Simpulan

Project Name: RACON FARM
Ref. No.: 12572652

Date: 7-26-22
Personnel: N. CASARIS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Well No.: 208C
Vapour PID (ppm): —
Measurement Point: T.D.C.
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): 2.1
 Well Screen Volume, V_s (L)⁽²⁾: _____
 Initial Depth to Water (m/ft): 21.60

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, $V_s = \pi r^2 (r^2) L$ in mL, where $r = (r^2)/2$ and L are in cm. For Imperial units, $V_s = \pi r^2 (r^2) (2.54)^3$, 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 600 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 $> 1 \text{ mS/cm} \pm 0.01 \text{ mS/cm}$.

WGI-072622-NL-007

© 15.55

MONITORING WELL RECORD FOR LOW-FLOW PURGING

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]

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 $r = (r_{\text{in}}/2)$ and L are in cm. For Imperial units, $V_s = \pi \cdot (r_{\text{in}}^2) \cdot L \cdot (2.54)^3$, 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 600 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:

Project Name:

RACER FAIRFAX

Ref. No.:

2572652

Date:

7 | 26 | 28

Personnel:

N. LASKAR

Monitoring Well Data:

Well No.:

MW-208A

Vapour PID (ppm):

Measurement Point:

T.O.C.

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_w (L)⁽²⁾:

Initial Depth to Water (m/ft):

[illegible]

(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, $V_w = \pi r^2 L$ in mL, where r (mD/2) and L are in cm. For Imperial units, $V_w = \pi r^2 L \cdot (2.54)^3$, 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 600 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_o .

(5) For conductivity, the average value of three readings $<1 \text{ mS/cm} \pm 0.005 \text{ mS/cm}$ or where conductivity $>1 \text{ mS/cm} \pm 0.01 \text{ mS/cm}$.

NG-072622-KL-13872
@ 18:40

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: RAEON FARM
Ref. No.: 12572652

Date: 7/7/22
Personnel: N. LARSEN

Monitoring Well Data:

Well No.: MW-146B
Vapour PID (ppm): _____
Measurement Point: T.O.C
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): 23.81

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 ⁽⁵⁾	±10 %	±10 %	±0.1 Units	±10 mV		
9:00	375	23.81	0.0	17.4	1.079	CLOUDY	1.58	6.96	-90.6		
:05	"	"	"	17.8	1.107	"	1.11	6.94	-107.3		
:10	"	"	"	17.9	1.139	CLEARING	0.70	6.92	-120.6		
:15	"	"	"	18.6	1.191	"	0.63	6.90	-130.3		
:20	"	"	"	18.2	1.181	"	0.61	6.90	-131.5		
:25	"	"	"	17.8	1.172	"	0.57	6.90	-134.8		
:30	"	"	"	17.6	1.159	"	0.55	6.90	-137.2		
:35	"	"	"	17.3	1.156	"	0.53	6.89	-139.4		
:40	"	"	"	17.2	1.160	"	0.52	6.89	-140.6		
:45	"	"	"	17.4	1.162	"	0.51	6.88	-141.8		
:50	375	23.81	0.90	17.6	1.164	CLEAR	0.50	6.89	-143.1		

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 600 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.

NK-072122-NL 010
@ 1000

Project Data:

Date: 7-27-22
Personnel: N. LABRACE

Submerged

Well No.: 7 MW-140
 PID (ppm):
 ment Point: T.O.C.
 epth (m/ft):
 epth (m/ft):
 ment (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)⁽⁶⁾: _____
 Initial Depth to Water (m/ft): 23.5

[illegible]

WG-072722-NL-012

Sample Time: 12:25

- (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 600 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.

CRH / MRH / HRH / 8260 / 8270 napH (12x 40 me HCl / vials)

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

Project Data:

Project Name: RACE 2 FAIRFAX
Ref. No.: 12572652

Date: 7/28/22
Personnel: N. LASVIGES

Seamless

Monitoring Well Data:

Well No.: MW-124A
Vapour PID (ppm):
Measurement Point: T.O.C.
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):
Well Diameter, D (cm/in): 2"
Well Screen Volume, V_s (L)⁽⁴⁾:
Initial Depth to Water (m/ft): 26.48

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, 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		
09:30	300	26.48	0.00	16.4	1.057	CLOUDY	2.51	6.88	-66.7		
35	"	"	"	16.5	1.088	CLOUDY	1.04	6.92	-68.9		
40	"	"	"	16.6	1.087	"	0.59	6.94	-70.2		
45	"	"	"	16.4	1.088	CLOUDY	0.54	6.96	-73.5		
50	"	"	"	16.5	1.088	"	0.42	6.99	-76.8		
09:55	300	26.46	0.00	16.5	1.088	CLOUDY	0.42	7.01	-79.4		

Sample ID: WG-072822-NL-014

Sample Time: 10:05

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 ($r = D/2$) 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 600 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.

LPH/MBH/HRH/8200

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

Project Data:

Project Name:
Ref. No.:

Date: _____
Personnel: _____

Monitoring Well Data:

Well No.: UW-10127
Vapour PID (ppm):
Measurement Point: T.O.C.
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)¹⁾: _____
 Initial Depth to Water (m/ft): 216-44

[illegible]

Sample ID:

Sample Time:

Notes:

- (1)
(2)
(3)
(4)
(5)

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, $V_s = n \cdot (\pi^2) \cdot L$ in mL, where r ($r = D/2$) and L are in cm. For Imperial units, $V_s = n \cdot (\pi^2) \cdot L \cdot (2.54)^3$, 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 600 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.



FIELD ENVIRONMENTAL INSTRUMENTS, INC.

www.fieldenvironmental.com

301 Brushton Ave
Suite A
Pittsburgh, PA 15221
Toll Free (800) 393-4009
Local (412) 436-2600
Fax (412) 436-2616

YSI 6-Series Calibration Certificate

Cal Standard	Lot #	Expiration	Pre-Cal Reading	Post-Cal Reading	Acceptable Range
PH 7 @ 25°C	8205268	5/30/2024	7.07	7.00	(6.86 to 7.14)
			pH mV value	-11.7	(0 mV +/- 50mV)
Cal Standard	Lot #	Expiration	Pre-Cal Reading	Post-Cal Reading	Acceptable Range
PH 4 @ 25°C	8112542	1/13/2024	4.06	4.00	(3.92 to 4.08)
			pH mV value	161.80	(153.3mV to 168.3mV)
Cal Standard	Lot #	Expiration	Pre-Cal Reading	Post-Cal Reading	Acceptable Range
PH 10 @ 25°C	8202569	3/10/2024	9.99	10.00	(9.80 to 10.20)
			pH mV value	-179.70	(-176.7mV to -191.7mV)
Cal Standard	Lot #	Expiration	Pre-Cal Reading	Post-Cal Reading	Acceptable Range
Conductivity	8109711	10/13/2023	1.263	1.409	(1.338 to 1.479)

Dissolved Oxygen

	Pre-Cal Reading	Post-Cal Reading	
100% Saturation	8.81	8.82	mg/L
Check Standard	Temp °C	Relative Reading	Acceptable Range
ORP	22.2	220.0	(+/- 20mV from the solution mV value)
	mV Offset	5.4	(+/- 100mV)
Turbidity	Pre-Cal Reading	Post-Cal Reading	
0 NTU	-7.9	0.0	
124 NTU	159.3	124.0	

Model	YSI Pro DSS
Cable Length	4 Meter
Cable SN	21H103899
S/N	21D102797
Barcode	U106085X
Order #	492101

Calibrated By Cristian Dejesus

Date of Calibration 7/22/2022

*Solutions provided by LabChem (412-826-5230)

All calibrations performed by FEI conform to manufacturer's specifications. Please report any issues within 24 hours of receiving equipment.
All calibration solutions used are traceable to NIST. Additional documentation is available upon request.



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Oil Interface Meter Certificate

Tape and Reel Cleaned/Checked for Nicks ☒

Probe Tested? ☒

Speaker Sounding? ☒

Thumb Screws Tightened? (Heron Units) ☒

Spare 9V Battery ☒

Video Taken of Unit Functioning? ☒

Model

Heron Interface Meter ▼

S/N

01-8117

UX

102727

Order #

492101

Calibrated By

Cristian Dejesus ▼

Date of Calibration

07/22/22

All calibrations performed by Field Environmental Instruments conform to manufacturer's specifications.
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Oil Interface Meter Certificate

Tape and Reel Cleaned/Checked for Nicks ☒

Probe Tested? ☒

Speaker Sounding? ☒

Thumb Screws Tightened? (Heron Units) ☒

Spare 9V Battery ☒

Video Taken of Unit Functioning? ☒

Model

Heron Interface Meter ▼

S/N

01-8233

UX

104028

Order #

492101

Calibrated By

Cristian Dejesus ▼

Date of Calibration

07/22/22

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YSI 6-Series Calibration Certificate

Cal Standard	Lot #	Expiration	Pre-Cal Reading	Post-Cal Reading	Acceptable Range
PH 7 @ 25°C	8205268	5/30/2024	7.09	7.00	(6.86 to 7.14)
			pH mV value	-19.0	(0 mV +/- 50mV)
Cal Standard	Lot #	Expiration	Pre-Cal Reading	Post-Cal Reading	Acceptable Range
PH 4 @ 25°C	8112542	1/13/2024	4.04	4.00	(3.92 to 4.08)
			pH mV value	154.90	(146mV to 161mV)
Cal Standard	Lot #	Expiration	Pre-Cal Reading	Post-Cal Reading	Acceptable Range
PH 10 @ 25°C	8202569	3/10/2024	9.98	10.00	(9.80 to 10.20)
			pH mV value	-184.60	(-184mV to -199mV)
Cal Standard	Lot #	Expiration	Pre-Cal Reading	Post-Cal Reading	Acceptable Range
Conductivity	8109711	10/13/2023	1.285	1.409	(1.338 to 1.479)

Dissolved Oxygen

	Pre-Cal Reading	Post-Cal Reading	mg/L
100% Saturation	8.46	8.48	

Check Standard	Temp °C	Relative Reading	Acceptable Range
ORP	22.2	220.0	(+/- 20mV from the solution mv value)
	mV Offset	11.0	(+/-100mV)

Turbidity	Pre-Cal Reading	Post-Cal Reading
0 NTU	1.3	0.0
124 NTU	159.6	124.0

Model	YSI Pro DSS
Cable Length	4 Meter
Cable SN	2111103899
S/N	21D102797
Barcode	U106085X
Order #	492101

Calibrated By	Cristian Dejesus
Date of Calibration	7/22/2022

*Solutions provided by LabChem (412-826-5230)

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Pittsburgh, PA 15221
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Fax (412) 436-2616

Proactive Pump Conformance Certificate

	<u>12V</u>	<u>Max Voltage Acceptable</u>
Pressure Rating	20 psi	65 psi
Acceptable Range (Monsoon) :	10+	48+
Acceptable Range (Hurricane) :	10+	60+
Flow Rate Achieved (No Applied Head Pressure)	1.887 GPM	4.331 GPM
Acceptable Ranges :	1.4+ GPM	2.5+ GPM
Amps	8	28
Pump Model	SS Monsoon	
S/N	24907	
Order #	492101	

Proactive Controller Performance Test

	24.2 Max Voltage - Pump Attached	24.4 Max Voltage - Pump Detached
Controller Model	Monsoon Controller	
S/N	609927	
Order #	492101	

☒ Delta Less than 10 Volts

Calibrated By

Date of Calibration

☒ 30 Second Video Attached

All calibrations performed by Field Environmental Instruments conform to manufacturer's specifications
Any problems must be reported to Field Environmental within 24 hours of receiving equipment.



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Pittsburgh, PA 15221
Toll Free (800) 393-4009
Local (412) 436-2600
Fax (412) 436-2616

Proactive Pump Conformance Certificate

	<u>12V</u>	<u>Max Voltage Acceptable</u>
Pressure Rating	20 psi	61 psi
Acceptable Range (Monsoon) :	10+	48+
Acceptable Range (Hurricane) :	10+	60+
Flow Rate Achieved (No Applied Head Pressure)	1.785 GPM	4.704 GPM
Acceptable Ranges :	1.4+ GPM	2.5+ GPM
Amps	8	42
Pump Model	SS Monsoon	
S/N	24908	
Order #	492101	

Proactive Controller Performance Test

	24.5 Max Voltage - Pump Attached	24.6 Max Voltage - Pump Detached
Controller Model	Monsoon Controller	
S/N	625673	
Order #	492101	

☒ Delta Less than 10 Volts

Calibrated By

Date of Calibration

☒ 30 Second Video Attached

All calibrations performed by Field Environmental Instruments conform to manufacturer's specifications.
Any problems must be reported to Field Environmental within 24 hours of receiving equipment.

Controller Test

- ☒ LCD Voltage Verified
- ☒ Check the solder joints under the sleeves of the gator clips.
- ☒ Check to make sure the nut behind the wire grommet is tight and secure
- ☒ Make sure there are not any loose connections on any of the set screws
- ☒ Check the nut on the fuse holder and tighten as needed
- ☒ Check the fan if applicable(not all controller models have fans), Make sure it is secure and running when the controller is powered on.
- ☒ Check the controller for any visible signs of moisture or damage
- ☒ Ensure the LCD ribbon is seated correctly before putting back together.

Pump Test:

- ☒ Check pump wire for cuts or knicks
- ☐ Check the carbon brushes on the motor modules
- ☐ Replace all motor O-Rings
- ☒ Ensure the contact blocks are in good shape. No melting or warping of the Delrin or corrosion of the wire or blocks.
- ☒ Make sure the contact blocks do not move when the wire is pushed up.
- ☒ Check the inlet screen for erosion
- ☒ Check the 4 screw seals on top of the pump.
- ☒ Visual inspection of the overall appearance.

All calibrations performed by Field Environmental Instruments conform to manufacturer's specifications.
Any problems must be reported to Field Environmental within 24 hours of receiving equipment.

Appendix B

Laboratory Analytical Report

September 20, 2022

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

RE: Project: RACER FAIRFAX WATERS
Pace Project No.: 60406776

Dear Travis Kogl:

Enclosed are the analytical results for sample(s) received by the laboratory on July 28, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Kansas City

REVISED 9/20/22 amended analyte list per client request.

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

Sincerely,



Alice Spiller for
Angie Brown
angie.brown@pacelabs.com
1(913)563-1402
Project Manager

Enclosures

cc: Angela Bown, GHD Services Inc.
Nick Laskares, GHD Services, Inc.
Jeremy Raye, GHD_Wichita



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Pace Analytical Services Kansas

9608 Loiret Boulevard, Lenexa, KS 66219

Missouri Inorganic Drinking Water Certification #: 10090

Arkansas Drinking Water

Arkansas Certification #: 22-031-0

Arkansas Drinking Water

Illinois Certification #: 2000302021-3

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212020-2

Oklahoma Certification #: 9205/9935

Florida: Cert E871149 SEKS WET

Texas Certification #: T104704407-21-15

Utah Certification #: KS000212019-9

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 WATERS

Pace Project No.: 60406776

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60406776001	WG-072522-PL-001	Water	07/25/22 13:45	07/28/22 16:35
60406776002	WG-072522-PL-002	Water	07/25/22 14:50	07/28/22 16:35
60406776003	WG-072522-PL-003	Water	07/25/22 16:15	07/28/22 16:35
60406776004	WG-072522-PL-004	Water	07/25/22 17:45	07/28/22 16:35
60406776005	WG-072622-PL-005	Water	07/26/22 09:25	07/28/22 16:35
60406776006	WG-072622-PL-006	Water	07/26/22 11:25	07/28/22 16:35
60406776007	WG-072622-PL-007	Water	07/26/22 11:35	07/28/22 16:35
60406776008	WG-072622-PL-008	Water	07/26/22 13:20	07/28/22 16:35
60406776009	WG-072622-PL-009	Water	07/26/22 14:37	07/28/22 16:35
60406776010	WG-072622-PL-010	Water	07/26/22 15:28	07/28/22 16:35
60406776011	WG-072522-NL-001	Water	07/25/22 15:40	07/28/22 16:35
60406776012	WG-072522-NL-002	Water	07/25/22 16:45	07/28/22 16:35
60406776013	WG-072522-NL-003	Water	07/25/22 17:40	07/28/22 16:35
60406776014	WG-072622-NL-004	Water	07/26/22 12:20	07/28/22 16:35
60406776015	WG-072622-NL-005	Water	07/26/22 13:45	07/28/22 16:35
60406776016	WG-072622-NL-006	Water	07/26/22 14:15	07/28/22 16:35
60406776017	WG-072622-NL-007	Water	07/26/22 15:45	07/28/22 16:35
60406776018	WG-072622-NL-008	Water	07/26/22 17:50	07/28/22 16:35
60406776019	WG-072622-NL-009	Water	07/26/22 18:40	07/28/22 16:35
60406776020	WG-072722-NL-010	Water	07/27/22 10:00	07/28/22 16:35
60406776021	WG-072722-NL-011	Water	07/27/22 11:15	07/28/22 16:35
60406776022	WG-072722-NL-012	Water	07/27/22 12:25	07/28/22 16:35
60406776023	WG-072722-NL-013	Water	07/27/22 14:25	07/28/22 16:35
60406776024	WG-072822-NL-014	Water	07/28/22 10:05	07/28/22 16:35
60406776025	WG-072822-NL-015	Water	07/28/22 11:05	07/28/22 16:35
60406776026	WG-072822-NL-016	Water	07/28/22 15:15	07/28/22 16:35
60406776027	TRIP BLANK	Water	07/25/22 08:00	07/28/22 16:35
60406776028	DUP / NOT REQUESTED	Water	07/15/22 08:00	07/28/22 16:35

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60406776001	WG-072522-PL-001	EPA 5030B/8260	PGH	69	PASI-K
60406776002	WG-072522-PL-002	EPA 5030B/8260	PGH	69	PASI-K
60406776003	WG-072522-PL-003	EPA 5030B/8260	PGH	69	PASI-K
60406776004	WG-072522-PL-004	EPA 5030B/8260	PGH	69	PASI-K
60406776005	WG-072622-PL-005	EPA 5030B/8260	PGH	69	PASI-K
60406776006	WG-072622-PL-006	EPA 5030B/8260	PGH	69	PASI-K
60406776007	WG-072622-PL-007	EPA 5030B/8260	PGH	69	PASI-K
60406776008	WG-072622-PL-008	EPA 5030B/8260	PGH	69	PASI-K
60406776009	WG-072622-PL-009	EPA 5030B/8260	PGH	69	PASI-K
60406776010	WG-072622-PL-010	EPA 5030B/8260	PGH	69	PASI-K
60406776011	WG-072522-NL-001	EPA 5030B/8260	PGH	69	PASI-K
60406776012	WG-072522-NL-002	EPA 5030B/8260	PGH	69	PASI-K
60406776013	WG-072522-NL-003	EPA 8015C	WFG	3	PASI-K
		KS LRH: EPA 5030B/8015C	BA	3	PASI-K
		EPA 8270C By SIM	JLO	3	PASI-K
		EPA 5030B/8260	PGH	69	PASI-K
60406776014	WG-072622-NL-004	EPA 5030B/8260	PGH	69	PASI-K
60406776015	WG-072622-NL-005	EPA 5030B/8260	PGH	69	PASI-K
60406776016	WG-072622-NL-006	EPA 5030B/8260	PGH	69	PASI-K
60406776017	WG-072622-NL-007	EPA 5030B/8260	PGH	69	PASI-K
60406776018	WG-072622-NL-008	EPA 5030B/8260	PGH	69	PASI-K
60406776019	WG-072622-NL-009	EPA 5030B/8260	PGH	69	PASI-K
60406776020	WG-072722-NL-010	EPA 5030B/8260	PGH	69	PASI-K
60406776021	WG-072722-NL-011	EPA 5030B/8260	PGH	69	PASI-K
60406776022	WG-072722-NL-012	EPA 8015C	WFG	3	PASI-K
		KS LRH: EPA 5030B/8015C	BA	3	PASI-K
		EPA 8270C By SIM	JLO	3	PASI-K
		EPA 5030B/8260	PGH	69	PASI-K
60406776023	WG-072722-NL-013	EPA 5030B/8260	PGH	69	PASI-K
60406776024	WG-072822-NL-014	EPA 5030B/8260	PGH	69	PASI-K
60406776025	WG-072822-NL-015	EPA 5030B/8260	PGH	69	PASI-K
60406776026	WG-072822-NL-016	EPA 5030B/8260	PGH	69	PASI-K
60406776027	TRIP BLANK	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 WATERS

Pace Project No.: 60406776

Method: EPA 8015C

Description: 8015 MOD KS TPH

Client: GHD_KS-RACER

Date: September 20, 2022

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 WATERS

Pace Project No.: 60406776

Method: KS LRH: EPA 5030B/8015C

Description: LRH (C5 - C8) Water

Client: GHD_KS-RACER

Date: September 20, 2022

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 WATERS

Pace Project No.: 60406776

Method: EPA 8270C By SIM

Description: 8270 MSSV PAH by SIM

Client: GHD_KS-RACER

Date: September 20, 2022

General Information:

2 samples were analyzed for EPA 8270C By SIM 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.

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.

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 WATERS

Pace Project No.: 60406776

Method: EPA 5030B/8260

Description: 8260 MSV

Client: GHD_KS-RACER

Date: September 20, 2022

General Information:

27 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.

pH: Post-analysis pH measurement indicates insufficient VOA sample preservation.

- WG-072722-NL-013 (Lab ID: 60406776023)

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.

QC Batch: 800501

B: Analyte was detected in the associated method blank.

- BLANK for HBN 800501 [MSV/1232 (Lab ID: 3187293)
- Naphthalene

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.

QC Batch: 800426

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

QC Batch: 800501

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

QC Batch: 800736

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

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PROJECT NARRATIVE

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Method: EPA 5030B/8260

Description: 8260 MSV

Client: GHD_KS-RACER

Date: September 20, 2022

Additional Comments:

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

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: **WG-072522-PL-001** Lab ID: **60406776001** Collected: 07/25/22 13:45 Received: 07/28/22 16:35 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		08/02/22 02:04	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		08/02/22 02:04	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/02/22 02:04	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/02/22 02:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/02/22 02:04	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/02/22 02:04	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/02/22 02:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/02/22 02:04	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		08/02/22 02:04	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/02/22 02:04	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 02:04	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/02/22 02:04	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/02/22 02:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/02/22 02:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/02/22 02:04	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/02/22 02:04	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/02/22 02:04	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/02/22 02:04	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/02/22 02:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/02/22 02:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/02/22 02:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/02/22 02:04	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/02/22 02:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/02/22 02:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 02:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 02:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/02/22 02:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		08/02/22 02:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/02/22 02:04	107-06-2	
1,2-Dichloroethene (Total)	1.9	ug/L	1.0	0.22	1		08/02/22 02:04	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/02/22 02:04	75-35-4	
cis-1,2-Dichloroethene	1.9	ug/L	1.0	0.13	1		08/02/22 02:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		08/02/22 02:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/02/22 02:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/02/22 02:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/02/22 02:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/02/22 02:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/02/22 02:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/02/22 02:04	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 02:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/02/22 02:04	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/02/22 02:04	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		08/02/22 02:04	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/02/22 02:04	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/02/22 02:04	75-09-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072522-PL-001		Lab ID: 60406776001		Collected: 07/25/22 13:45		Received: 07/28/22 16:35		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		08/02/22 02:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		08/02/22 02:04	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		08/02/22 02:04	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 02:04	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/02/22 02:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/02/22 02:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/02/22 02:04	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		08/02/22 02:04	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/02/22 02:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/02/22 02:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/02/22 02:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/02/22 02:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/02/22 02:04	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		08/02/22 02:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/02/22 02:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/02/22 02:04	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		08/02/22 02:04	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/02/22 02:04	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		08/02/22 02:04	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/02/22 02:04	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	80-120		1		08/02/22 02:04	460-00-4	
Toluene-d8 (S)	99	%	80-120		1		08/02/22 02:04	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	98	%	80-120		1		08/02/22 02:04	2199-69-1	
Preservation pH	1.0		0.10		1		08/02/22 02:04		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: **WG-072522-PL-002** Lab ID: **60406776002** Collected: 07/25/22 14:50 Received: 07/28/22 16:35 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		08/02/22 02:18	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		08/02/22 02:18	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/02/22 02:18	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/02/22 02:18	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/02/22 02:18	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/02/22 02:18	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/02/22 02:18	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/02/22 02:18	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		08/02/22 02:18	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/02/22 02:18	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 02:18	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/02/22 02:18	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/02/22 02:18	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/02/22 02:18	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/02/22 02:18	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/02/22 02:18	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/02/22 02:18	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/02/22 02:18	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/02/22 02:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/02/22 02:18	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/02/22 02:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/02/22 02:18	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/02/22 02:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/02/22 02:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 02:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 02:18	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/02/22 02:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		08/02/22 02:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/02/22 02:18	107-06-2	
1,2-Dichloroethene (Total)	1.8	ug/L	1.0	0.22	1		08/02/22 02:18	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/02/22 02:18	75-35-4	
cis-1,2-Dichloroethene	1.6	ug/L	1.0	0.13	1		08/02/22 02:18	156-59-2	
trans-1,2-Dichloroethene	0.18J	ug/L	1.0	0.10	1		08/02/22 02:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/02/22 02:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/02/22 02:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/02/22 02:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/02/22 02:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/02/22 02:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/02/22 02:18	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 02:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/02/22 02:18	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/02/22 02:18	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		08/02/22 02:18	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/02/22 02:18	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/02/22 02:18	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072522-PL-002		Lab ID: 60406776002		Collected: 07/25/22 14:50		Received: 07/28/22 16:35		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		08/02/22 02:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		08/02/22 02:18	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		08/02/22 02:18	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 02:18	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/02/22 02:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/02/22 02:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/02/22 02:18	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		08/02/22 02:18	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/02/22 02:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/02/22 02:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/02/22 02:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/02/22 02:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/02/22 02:18	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		08/02/22 02:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/02/22 02:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/02/22 02:18	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		08/02/22 02:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/02/22 02:18	108-67-8	
Vinyl chloride	2.6	ug/L	1.0	0.17	1		08/02/22 02:18	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/02/22 02:18	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	80-120		1		08/02/22 02:18	460-00-4	
Toluene-d8 (S)	99	%	80-120		1		08/02/22 02:18	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	97	%	80-120		1		08/02/22 02:18	2199-69-1	
Preservation pH	1.0		0.10		1		08/02/22 02:18		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: **WG-072522-PL-003** Lab ID: **60406776003** Collected: 07/25/22 16:15 Received: 07/28/22 16:35 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		08/02/22 02:32	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		08/02/22 02:32	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/02/22 02:32	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/02/22 02:32	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/02/22 02:32	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/02/22 02:32	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/02/22 02:32	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/02/22 02:32	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		08/02/22 02:32	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/02/22 02:32	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 02:32	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/02/22 02:32	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/02/22 02:32	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/02/22 02:32	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/02/22 02:32	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/02/22 02:32	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/02/22 02:32	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/02/22 02:32	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/02/22 02:32	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/02/22 02:32	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/02/22 02:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/02/22 02:32	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/02/22 02:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/02/22 02:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 02:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 02:32	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/02/22 02:32	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		08/02/22 02:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/02/22 02:32	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	0.22	1		08/02/22 02:32	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/02/22 02:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		08/02/22 02:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		08/02/22 02:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/02/22 02:32	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/02/22 02:32	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/02/22 02:32	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/02/22 02:32	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/02/22 02:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/02/22 02:32	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 02:32	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/02/22 02:32	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/02/22 02:32	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		08/02/22 02:32	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/02/22 02:32	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/02/22 02:32	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072522-PL-003		Lab ID: 60406776003		Collected: 07/25/22 16:15		Received: 07/28/22 16:35		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		08/02/22 02:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		08/02/22 02:32	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		08/02/22 02:32	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 02:32	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/02/22 02:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/02/22 02:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/02/22 02:32	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		08/02/22 02:32	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/02/22 02:32	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/02/22 02:32	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/02/22 02:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/02/22 02:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/02/22 02:32	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		08/02/22 02:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/02/22 02:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/02/22 02:32	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		08/02/22 02:32	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/02/22 02:32	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		08/02/22 02:32	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/02/22 02:32	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120		1		08/02/22 02:32	460-00-4	
Toluene-d8 (S)	100	%	80-120		1		08/02/22 02:32	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120		1		08/02/22 02:32	2199-69-1	
Preservation pH	1.0		0.10		1		08/02/22 02:32		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: **WG-072522-PL-004** Lab ID: **60406776004** Collected: 07/25/22 17:45 Received: 07/28/22 16:35 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		08/02/22 02:45	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		08/02/22 02:45	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/02/22 02:45	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/02/22 02:45	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/02/22 02:45	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/02/22 02:45	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/02/22 02:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/02/22 02:45	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		08/02/22 02:45	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/02/22 02:45	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 02:45	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/02/22 02:45	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/02/22 02:45	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/02/22 02:45	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/02/22 02:45	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/02/22 02:45	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/02/22 02:45	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/02/22 02:45	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/02/22 02:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/02/22 02:45	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/02/22 02:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/02/22 02:45	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/02/22 02:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/02/22 02:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 02:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 02:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/02/22 02:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		08/02/22 02:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/02/22 02:45	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	0.22	1		08/02/22 02:45	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/02/22 02:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		08/02/22 02:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		08/02/22 02:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/02/22 02:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/02/22 02:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/02/22 02:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/02/22 02:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/02/22 02:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/02/22 02:45	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 02:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/02/22 02:45	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/02/22 02:45	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		08/02/22 02:45	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/02/22 02:45	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/02/22 02:45	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072522-PL-004		Lab ID: 60406776004		Collected: 07/25/22 17:45		Received: 07/28/22 16:35		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		08/02/22 02:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		08/02/22 02:45	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		08/02/22 02:45	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 02:45	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/02/22 02:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/02/22 02:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/02/22 02:45	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		08/02/22 02:45	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/02/22 02:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/02/22 02:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/02/22 02:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/02/22 02:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/02/22 02:45	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		08/02/22 02:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/02/22 02:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/02/22 02:45	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		08/02/22 02:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/02/22 02:45	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		08/02/22 02:45	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/02/22 02:45	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	80-120		1		08/02/22 02:45	460-00-4	
Toluene-d8 (S)	100	%	80-120		1		08/02/22 02:45	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120		1		08/02/22 02:45	2199-69-1	
Preservation pH	1.0		0.10		1		08/02/22 02:45		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: **WG-072622-PL-005** Lab ID: **60406776005** Collected: 07/26/22 09:25 Received: 07/28/22 16:35 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		08/02/22 02:59	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		08/02/22 02:59	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/02/22 02:59	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/02/22 02:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/02/22 02:59	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/02/22 02:59	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/02/22 02:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/02/22 02:59	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		08/02/22 02:59	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/02/22 02:59	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 02:59	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/02/22 02:59	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/02/22 02:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/02/22 02:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/02/22 02:59	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/02/22 02:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/02/22 02:59	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/02/22 02:59	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/02/22 02:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/02/22 02:59	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/02/22 02:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/02/22 02:59	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/02/22 02:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/02/22 02:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 02:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 02:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/02/22 02:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		08/02/22 02:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/02/22 02:59	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	0.22	1		08/02/22 02:59	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/02/22 02:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		08/02/22 02:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		08/02/22 02:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/02/22 02:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/02/22 02:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/02/22 02:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/02/22 02:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/02/22 02:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/02/22 02:59	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 02:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/02/22 02:59	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/02/22 02:59	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		08/02/22 02:59	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/02/22 02:59	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/02/22 02:59	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072622-PL-005		Lab ID: 60406776005		Collected: 07/26/22 09:25		Received: 07/28/22 16:35		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		08/02/22 02:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		08/02/22 02:59	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		08/02/22 02:59	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 02:59	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/02/22 02:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/02/22 02:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/02/22 02:59	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		08/02/22 02:59	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/02/22 02:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/02/22 02:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/02/22 02:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/02/22 02:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/02/22 02:59	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		08/02/22 02:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/02/22 02:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/02/22 02:59	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		08/02/22 02:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/02/22 02:59	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		08/02/22 02:59	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/02/22 02:59	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	80-120		1		08/02/22 02:59	460-00-4	
Toluene-d8 (S)	100	%	80-120		1		08/02/22 02:59	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	98	%	80-120		1		08/02/22 02:59	2199-69-1	
Preservation pH	1.0		0.10		1		08/02/22 02:59		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072622-PL-006 Lab ID: 60406776006 Collected: 07/26/22 11:25 Received: 07/28/22 16:35 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		08/02/22 03:13	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		08/02/22 03:13	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/02/22 03:13	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/02/22 03:13	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/02/22 03:13	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/02/22 03:13	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/02/22 03:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/02/22 03:13	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		08/02/22 03:13	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/02/22 03:13	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 03:13	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/02/22 03:13	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/02/22 03:13	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/02/22 03:13	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/02/22 03:13	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/02/22 03:13	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/02/22 03:13	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/02/22 03:13	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/02/22 03:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/02/22 03:13	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/02/22 03:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/02/22 03:13	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/02/22 03:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/02/22 03:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 03:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 03:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/02/22 03:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		08/02/22 03:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/02/22 03:13	107-06-2	
1,2-Dichloroethene (Total)	1.5	ug/L	1.0	0.22	1		08/02/22 03:13	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/02/22 03:13	75-35-4	
cis-1,2-Dichloroethene	1.5	ug/L	1.0	0.13	1		08/02/22 03:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		08/02/22 03:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/02/22 03:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/02/22 03:13	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/02/22 03:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/02/22 03:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/02/22 03:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/02/22 03:13	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 03:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/02/22 03:13	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/02/22 03:13	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		08/02/22 03:13	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/02/22 03:13	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/02/22 03:13	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072622-PL-006		Lab ID: 60406776006		Collected: 07/26/22 11:25		Received: 07/28/22 16:35		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		08/02/22 03:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		08/02/22 03:13	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		08/02/22 03:13	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 03:13	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/02/22 03:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/02/22 03:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/02/22 03:13	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		08/02/22 03:13	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/02/22 03:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/02/22 03:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/02/22 03:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/02/22 03:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/02/22 03:13	79-00-5	
Trichloroethene	8.5	ug/L	1.0	0.21	1		08/02/22 03:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/02/22 03:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/02/22 03:13	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		08/02/22 03:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/02/22 03:13	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		08/02/22 03:13	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/02/22 03:13	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120		1		08/02/22 03:13	460-00-4	
Toluene-d8 (S)	98	%	80-120		1		08/02/22 03:13	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	80-120		1		08/02/22 03:13	2199-69-1	
Preservation pH	1.0		0.10		1		08/02/22 03:13		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: **WG-072622-PL-007** Lab ID: **60406776007** Collected: 07/26/22 11:35 Received: 07/28/22 16:35 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		08/02/22 03:26	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		08/02/22 03:26	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/02/22 03:26	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/02/22 03:26	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/02/22 03:26	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/02/22 03:26	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/02/22 03:26	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/02/22 03:26	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		08/02/22 03:26	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/02/22 03:26	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 03:26	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/02/22 03:26	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/02/22 03:26	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/02/22 03:26	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/02/22 03:26	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/02/22 03:26	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/02/22 03:26	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/02/22 03:26	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/02/22 03:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/02/22 03:26	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/02/22 03:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/02/22 03:26	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/02/22 03:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/02/22 03:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 03:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 03:26	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/02/22 03:26	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		08/02/22 03:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/02/22 03:26	107-06-2	
1,2-Dichloroethene (Total)	1.5	ug/L	1.0	0.22	1		08/02/22 03:26	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/02/22 03:26	75-35-4	
cis-1,2-Dichloroethene	1.5	ug/L	1.0	0.13	1		08/02/22 03:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		08/02/22 03:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/02/22 03:26	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/02/22 03:26	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/02/22 03:26	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/02/22 03:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/02/22 03:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/02/22 03:26	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 03:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/02/22 03:26	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/02/22 03:26	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		08/02/22 03:26	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/02/22 03:26	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/02/22 03:26	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072622-PL-007		Lab ID: 60406776007		Collected: 07/26/22 11:35		Received: 07/28/22 16:35		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		08/02/22 03:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		08/02/22 03:26	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		08/02/22 03:26	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 03:26	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/02/22 03:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/02/22 03:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/02/22 03:26	79-34-5	
Tetrachloroethene	0.34J	ug/L	1.0	0.33	1		08/02/22 03:26	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/02/22 03:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/02/22 03:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/02/22 03:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/02/22 03:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/02/22 03:26	79-00-5	
Trichloroethene	9.2	ug/L	1.0	0.21	1		08/02/22 03:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/02/22 03:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/02/22 03:26	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		08/02/22 03:26	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/02/22 03:26	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		08/02/22 03:26	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/02/22 03:26	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	80-120		1		08/02/22 03:26	460-00-4	
Toluene-d8 (S)	98	%	80-120		1		08/02/22 03:26	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	80-120		1		08/02/22 03:26	2199-69-1	
Preservation pH	1.0		0.10		1		08/02/22 03:26		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: **WG-072622-PL-008** Lab ID: **60406776008** Collected: 07/26/22 13:20 Received: 07/28/22 16:35 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		08/02/22 03:40	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		08/02/22 03:40	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/02/22 03:40	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/02/22 03:40	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/02/22 03:40	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/02/22 03:40	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/02/22 03:40	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/02/22 03:40	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		08/02/22 03:40	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/02/22 03:40	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 03:40	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/02/22 03:40	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/02/22 03:40	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/02/22 03:40	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/02/22 03:40	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/02/22 03:40	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/02/22 03:40	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/02/22 03:40	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/02/22 03:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/02/22 03:40	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/02/22 03:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/02/22 03:40	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/02/22 03:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/02/22 03:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 03:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 03:40	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/02/22 03:40	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		08/02/22 03:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/02/22 03:40	107-06-2	
1,2-Dichloroethene (Total)	9.2	ug/L	1.0	0.22	1		08/02/22 03:40	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/02/22 03:40	75-35-4	
cis-1,2-Dichloroethene	8.3	ug/L	1.0	0.13	1		08/02/22 03:40	156-59-2	
trans-1,2-Dichloroethene	0.90J	ug/L	1.0	0.10	1		08/02/22 03:40	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/02/22 03:40	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/02/22 03:40	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/02/22 03:40	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/02/22 03:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/02/22 03:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/02/22 03:40	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 03:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/02/22 03:40	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/02/22 03:40	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		08/02/22 03:40	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/02/22 03:40	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/02/22 03:40	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072622-PL-008		Lab ID: 60406776008		Collected: 07/26/22 13:20		Received: 07/28/22 16:35		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		08/02/22 03:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		08/02/22 03:40	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		08/02/22 03:40	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 03:40	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/02/22 03:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/02/22 03:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/02/22 03:40	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		08/02/22 03:40	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/02/22 03:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/02/22 03:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/02/22 03:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/02/22 03:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/02/22 03:40	79-00-5	
Trichloroethene	0.48J	ug/L	1.0	0.21	1		08/02/22 03:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/02/22 03:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/02/22 03:40	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		08/02/22 03:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/02/22 03:40	108-67-8	
Vinyl chloride	2.2	ug/L	1.0	0.17	1		08/02/22 03:40	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/02/22 03:40	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	80-120		1		08/02/22 03:40	460-00-4	
Toluene-d8 (S)	99	%	80-120		1		08/02/22 03:40	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	97	%	80-120		1		08/02/22 03:40	2199-69-1	
Preservation pH	1.0		0.10		1		08/02/22 03:40		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: **WG-072622-PL-009** Lab ID: **60406776009** Collected: 07/26/22 14:37 Received: 07/28/22 16:35 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		08/02/22 03:54	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		08/02/22 03:54	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/02/22 03:54	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/02/22 03:54	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/02/22 03:54	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/02/22 03:54	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/02/22 03:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/02/22 03:54	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		08/02/22 03:54	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/02/22 03:54	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 03:54	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/02/22 03:54	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/02/22 03:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/02/22 03:54	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/02/22 03:54	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/02/22 03:54	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/02/22 03:54	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/02/22 03:54	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/02/22 03:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/02/22 03:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/02/22 03:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/02/22 03:54	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/02/22 03:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/02/22 03:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 03:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 03:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/02/22 03:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		08/02/22 03:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/02/22 03:54	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	0.22	1		08/02/22 03:54	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/02/22 03:54	75-35-4	
cis-1,2-Dichloroethene	0.18J	ug/L	1.0	0.13	1		08/02/22 03:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		08/02/22 03:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/02/22 03:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/02/22 03:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/02/22 03:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/02/22 03:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/02/22 03:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/02/22 03:54	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 03:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/02/22 03:54	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/02/22 03:54	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		08/02/22 03:54	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/02/22 03:54	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/02/22 03:54	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072622-PL-009		Lab ID: 60406776009		Collected: 07/26/22 14:37		Received: 07/28/22 16:35		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		08/02/22 03:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		08/02/22 03:54	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		08/02/22 03:54	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 03:54	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/02/22 03:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/02/22 03:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/02/22 03:54	79-34-5	
Tetrachloroethene	0.52J	ug/L	1.0	0.33	1		08/02/22 03:54	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/02/22 03:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/02/22 03:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/02/22 03:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/02/22 03:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/02/22 03:54	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		08/02/22 03:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/02/22 03:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/02/22 03:54	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		08/02/22 03:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/02/22 03:54	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		08/02/22 03:54	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/02/22 03:54	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	80-120		1		08/02/22 03:54	460-00-4	
Toluene-d8 (S)	99	%	80-120		1		08/02/22 03:54	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	80-120		1		08/02/22 03:54	2199-69-1	
Preservation pH	1.0		0.10		1		08/02/22 03:54		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: **WG-072622-PL-010** Lab ID: **60406776010** Collected: 07/26/22 15:28 Received: 07/28/22 16:35 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		08/02/22 04:07	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		08/02/22 04:07	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/02/22 04:07	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/02/22 04:07	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/02/22 04:07	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/02/22 04:07	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/02/22 04:07	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/02/22 04:07	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		08/02/22 04:07	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/02/22 04:07	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 04:07	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/02/22 04:07	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/02/22 04:07	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/02/22 04:07	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/02/22 04:07	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/02/22 04:07	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/02/22 04:07	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/02/22 04:07	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/02/22 04:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/02/22 04:07	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/02/22 04:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/02/22 04:07	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/02/22 04:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/02/22 04:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 04:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 04:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/02/22 04:07	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		08/02/22 04:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/02/22 04:07	107-06-2	
1,2-Dichloroethene (Total)	5.4	ug/L	1.0	0.22	1		08/02/22 04:07	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/02/22 04:07	75-35-4	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	0.13	1		08/02/22 04:07	156-59-2	
trans-1,2-Dichloroethene	0.38J	ug/L	1.0	0.10	1		08/02/22 04:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/02/22 04:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/02/22 04:07	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/02/22 04:07	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/02/22 04:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/02/22 04:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/02/22 04:07	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 04:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/02/22 04:07	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/02/22 04:07	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		08/02/22 04:07	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/02/22 04:07	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/02/22 04:07	75-09-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072622-PL-010		Lab ID: 60406776010		Collected: 07/26/22 15:28		Received: 07/28/22 16:35		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		08/02/22 04:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		08/02/22 04:07	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		08/02/22 04:07	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 04:07	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/02/22 04:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/02/22 04:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/02/22 04:07	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		08/02/22 04:07	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/02/22 04:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/02/22 04:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/02/22 04:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/02/22 04:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/02/22 04:07	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		08/02/22 04:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/02/22 04:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/02/22 04:07	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		08/02/22 04:07	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/02/22 04:07	108-67-8	
Vinyl chloride	0.65J	ug/L	1.0	0.17	1		08/02/22 04:07	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/02/22 04:07	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	80-120		1		08/02/22 04:07	460-00-4	
Toluene-d8 (S)	99	%	80-120		1		08/02/22 04:07	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	80-120		1		08/02/22 04:07	2199-69-1	
Preservation pH	1.0		0.10		1		08/02/22 04:07		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: **WG-072522-NL-001** Lab ID: **60406776011** Collected: 07/25/22 15:40 Received: 07/28/22 16:35 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		08/02/22 04:21	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		08/02/22 04:21	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/02/22 04:21	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/02/22 04:21	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/02/22 04:21	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/02/22 04:21	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/02/22 04:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/02/22 04:21	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		08/02/22 04:21	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/02/22 04:21	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 04:21	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/02/22 04:21	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/02/22 04:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/02/22 04:21	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/02/22 04:21	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/02/22 04:21	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/02/22 04:21	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/02/22 04:21	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/02/22 04:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/02/22 04:21	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/02/22 04:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/02/22 04:21	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/02/22 04:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/02/22 04:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 04:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 04:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/02/22 04:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		08/02/22 04:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/02/22 04:21	107-06-2	
1,2-Dichloroethene (Total)	5.8	ug/L	1.0	0.22	1		08/02/22 04:21	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/02/22 04:21	75-35-4	
cis-1,2-Dichloroethene	5.5	ug/L	1.0	0.13	1		08/02/22 04:21	156-59-2	
trans-1,2-Dichloroethene	0.26J	ug/L	1.0	0.10	1		08/02/22 04:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/02/22 04:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/02/22 04:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/02/22 04:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/02/22 04:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/02/22 04:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/02/22 04:21	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 04:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/02/22 04:21	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/02/22 04:21	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		08/02/22 04:21	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/02/22 04:21	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/02/22 04:21	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072522-NL-001 Lab ID: 60406776011 Collected: 07/25/22 15:40 Received: 07/28/22 16:35 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		08/02/22 04:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		08/02/22 04:21	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		08/02/22 04:21	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 04:21	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/02/22 04:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/02/22 04:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/02/22 04:21	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		08/02/22 04:21	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/02/22 04:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/02/22 04:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/02/22 04:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/02/22 04:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/02/22 04:21	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		08/02/22 04:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/02/22 04:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/02/22 04:21	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		08/02/22 04:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/02/22 04:21	108-67-8	
Vinyl chloride	0.82J	ug/L	1.0	0.17	1		08/02/22 04:21	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/02/22 04:21	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120		1		08/02/22 04:21	460-00-4	
Toluene-d8 (S)	101	%	80-120		1		08/02/22 04:21	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	102	%	80-120		1		08/02/22 04:21	2199-69-1	
Preservation pH	1.0		0.10		1		08/02/22 04:21		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: **WG-072522-NL-002** Lab ID: **60406776012** Collected: 07/25/22 16:45 Received: 07/28/22 16:35 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		08/02/22 04:35	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		08/02/22 04:35	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/02/22 04:35	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/02/22 04:35	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/02/22 04:35	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/02/22 04:35	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/02/22 04:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/02/22 04:35	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		08/02/22 04:35	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/02/22 04:35	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 04:35	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/02/22 04:35	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/02/22 04:35	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/02/22 04:35	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/02/22 04:35	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/02/22 04:35	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/02/22 04:35	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/02/22 04:35	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/02/22 04:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/02/22 04:35	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/02/22 04:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/02/22 04:35	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/02/22 04:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/02/22 04:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 04:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 04:35	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/02/22 04:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		08/02/22 04:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/02/22 04:35	107-06-2	
1,2-Dichloroethene (Total)	14.8	ug/L	1.0	0.22	1		08/02/22 04:35	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/02/22 04:35	75-35-4	
cis-1,2-Dichloroethene	13.2	ug/L	1.0	0.13	1		08/02/22 04:35	156-59-2	
trans-1,2-Dichloroethene	1.7	ug/L	1.0	0.10	1		08/02/22 04:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/02/22 04:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/02/22 04:35	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/02/22 04:35	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/02/22 04:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/02/22 04:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/02/22 04:35	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 04:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/02/22 04:35	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/02/22 04:35	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		08/02/22 04:35	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/02/22 04:35	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/02/22 04:35	75-09-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072522-NL-002		Lab ID: 60406776012		Collected: 07/25/22 16:45		Received: 07/28/22 16:35		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		08/02/22 04:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		08/02/22 04:35	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		08/02/22 04:35	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 04:35	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/02/22 04:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/02/22 04:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/02/22 04:35	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		08/02/22 04:35	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/02/22 04:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/02/22 04:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/02/22 04:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/02/22 04:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/02/22 04:35	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		08/02/22 04:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/02/22 04:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/02/22 04:35	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		08/02/22 04:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/02/22 04:35	108-67-8	
Vinyl chloride	10	ug/L	1.0	0.17	1		08/02/22 04:35	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/02/22 04:35	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	80-120		1		08/02/22 04:35	460-00-4	
Toluene-d8 (S)	100	%	80-120		1		08/02/22 04:35	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	98	%	80-120		1		08/02/22 04:35	2199-69-1	
Preservation pH	1.0		0.10		1		08/02/22 04:35		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072522-NL-003 Lab ID: 60406776013 Collected: 07/25/22 17:40 Received: 07/28/22 16:35 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	0.20	0.11	1	08/01/22 10:52	08/02/22 18:28		
MRH (C9-C18)	ND	mg/L	0.060	0.056	1	08/01/22 10:52	08/02/22 18:28		
Surrogates									
1-Chloro-octadecane (S)	75	%	40-140		1	08/01/22 10:52	08/02/22 18:28	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		08/01/22 20:49		
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		08/01/22 20:49	460-00-4	
Preservation pH	1.0				1		08/01/22 20:49		
8270 MSSV PAH by SIM Analytical Method: EPA 8270C By SIM Preparation Method: EPA 3511 Pace Analytical Services - Kansas City									
Naphthalene	ND	ug/L	0.48	0.081	1	08/01/22 11:19	08/03/22 18:17	91-20-3	
Surrogates									
2-Fluorobiphenyl (S)	95	%	41-138		1	08/01/22 11:19	08/03/22 18:17	321-60-8	
Terphenyl-d14 (S)	93	%	41-155		1	08/01/22 11:19	08/03/22 18:17	1718-51-0	
8260 MSV Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		08/02/22 04:48	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		08/02/22 04:48	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/02/22 04:48	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/02/22 04:48	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/02/22 04:48	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/02/22 04:48	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/02/22 04:48	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/02/22 04:48	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		08/02/22 04:48	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/02/22 04:48	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 04:48	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/02/22 04:48	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/02/22 04:48	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/02/22 04:48	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/02/22 04:48	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/02/22 04:48	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/02/22 04:48	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/02/22 04:48	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/02/22 04:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/02/22 04:48	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/02/22 04:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/02/22 04:48	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/02/22 04:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/02/22 04:48	95-50-1	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: **WG-072522-NL-003** Lab ID: **60406776013** Collected: 07/25/22 17:40 Received: 07/28/22 16:35 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									
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 04:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 04:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/02/22 04:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		08/02/22 04:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/02/22 04:48	107-06-2	
1,2-Dichloroethene (Total)	2.6	ug/L	1.0	0.22	1		08/02/22 04:48	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/02/22 04:48	75-35-4	
cis-1,2-Dichloroethene	2.5	ug/L	1.0	0.13	1		08/02/22 04:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		08/02/22 04:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/02/22 04:48	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/02/22 04:48	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/02/22 04:48	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/02/22 04:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/02/22 04:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/02/22 04:48	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 04:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/02/22 04:48	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/02/22 04:48	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		08/02/22 04:48	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/02/22 04:48	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/02/22 04:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		08/02/22 04:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		08/02/22 04:48	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		08/02/22 04:48	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 04:48	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/02/22 04:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/02/22 04:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/02/22 04:48	79-34-5	
Tetrachloroethene	0.78J	ug/L	1.0	0.33	1		08/02/22 04:48	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/02/22 04:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/02/22 04:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/02/22 04:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/02/22 04:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/02/22 04:48	79-00-5	
Trichloroethene	0.42J	ug/L	1.0	0.21	1		08/02/22 04:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/02/22 04:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/02/22 04:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		08/02/22 04:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/02/22 04:48	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		08/02/22 04:48	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/02/22 04:48	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	80-120		1		08/02/22 04:48	460-00-4	
Toluene-d8 (S)	99	%	80-120		1		08/02/22 04:48	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120		1		08/02/22 04:48	2199-69-1	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072522-NL-003		Lab ID: 60406776013		Collected: 07/25/22 17:40		Received: 07/28/22 16:35		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								
Preservation pH		1.0		0.10		1		08/02/22 04:48		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: **WG-072622-NL-004** Lab ID: **60406776014** Collected: 07/26/22 12:20 Received: 07/28/22 16:35 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		08/02/22 05:02	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		08/02/22 05:02	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/02/22 05:02	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/02/22 05:02	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/02/22 05:02	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/02/22 05:02	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/02/22 05:02	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/02/22 05:02	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		08/02/22 05:02	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/02/22 05:02	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 05:02	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/02/22 05:02	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/02/22 05:02	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/02/22 05:02	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/02/22 05:02	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/02/22 05:02	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/02/22 05:02	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/02/22 05:02	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/02/22 05:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/02/22 05:02	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/02/22 05:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/02/22 05:02	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/02/22 05:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/02/22 05:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 05:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 05:02	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/02/22 05:02	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		08/02/22 05:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/02/22 05:02	107-06-2	
1,2-Dichloroethene (Total)	25.9	ug/L	1.0	0.22	1		08/02/22 05:02	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/02/22 05:02	75-35-4	
cis-1,2-Dichloroethene	25.2	ug/L	1.0	0.13	1		08/02/22 05:02	156-59-2	
trans-1,2-Dichloroethene	0.70J	ug/L	1.0	0.10	1		08/02/22 05:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/02/22 05:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/02/22 05:02	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/02/22 05:02	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/02/22 05:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/02/22 05:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/02/22 05:02	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 05:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/02/22 05:02	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/02/22 05:02	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		08/02/22 05:02	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/02/22 05:02	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/02/22 05:02	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072622-NL-004		Lab ID: 60406776014		Collected: 07/26/22 12:20		Received: 07/28/22 16:35		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		08/02/22 05:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		08/02/22 05:02	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		08/02/22 05:02	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 05:02	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/02/22 05:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/02/22 05:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/02/22 05:02	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		08/02/22 05:02	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/02/22 05:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/02/22 05:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/02/22 05:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/02/22 05:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/02/22 05:02	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		08/02/22 05:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/02/22 05:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/02/22 05:02	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		08/02/22 05:02	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/02/22 05:02	108-67-8	
Vinyl chloride	10.5	ug/L	1.0	0.17	1		08/02/22 05:02	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/02/22 05:02	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120		1		08/02/22 05:02	460-00-4	
Toluene-d8 (S)	99	%	80-120		1		08/02/22 05:02	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120		1		08/02/22 05:02	2199-69-1	
Preservation pH	1.0		0.10		1		08/02/22 05:02		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: **WG-072622-NL-005** Lab ID: **60406776015** Collected: 07/26/22 13:45 Received: 07/28/22 16:35 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		08/03/22 10:16	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		08/03/22 10:16	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/03/22 10:16	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/03/22 10:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/03/22 10:16	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/03/22 10:16	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/03/22 10:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/03/22 10:16	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		08/03/22 10:16	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/03/22 10:16	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/03/22 10:16	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/03/22 10:16	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/03/22 10:16	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/03/22 10:16	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/03/22 10:16	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/03/22 10:16	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/03/22 10:16	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/03/22 10:16	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/03/22 10:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/03/22 10:16	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/03/22 10:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/03/22 10:16	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/03/22 10:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/03/22 10:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/03/22 10:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/03/22 10:16	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/03/22 10:16	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		08/03/22 10:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/03/22 10:16	107-06-2	
1,2-Dichloroethene (Total)	6.2	ug/L	1.0	0.22	1		08/03/22 10:16	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/03/22 10:16	75-35-4	
cis-1,2-Dichloroethene	6.0	ug/L	1.0	0.13	1		08/03/22 10:16	156-59-2	
trans-1,2-Dichloroethene	0.16J	ug/L	1.0	0.10	1		08/03/22 10:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/03/22 10:16	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/03/22 10:16	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/03/22 10:16	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/03/22 10:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/03/22 10:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/03/22 10:16	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		08/03/22 10:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/03/22 10:16	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/03/22 10:16	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		08/03/22 10:16	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/03/22 10:16	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/03/22 10:16	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072622-NL-005		Lab ID: 60406776015		Collected: 07/26/22 13:45		Received: 07/28/22 16:35		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		08/03/22 10:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		08/03/22 10:16	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		08/03/22 10:16	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		08/03/22 10:16	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/03/22 10:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/03/22 10:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/03/22 10:16	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		08/03/22 10:16	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/03/22 10:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/03/22 10:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/03/22 10:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/03/22 10:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/03/22 10:16	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		08/03/22 10:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/03/22 10:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/03/22 10:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		08/03/22 10:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/03/22 10:16	108-67-8	
Vinyl chloride	1.3	ug/L	1.0	0.17	1		08/03/22 10:16	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/03/22 10:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	80-120		1		08/03/22 10:16	460-00-4	
Toluene-d8 (S)	100	%	80-120		1		08/03/22 10:16	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	97	%	80-120		1		08/03/22 10:16	2199-69-1	
Preservation pH	1.0		0.10		1		08/03/22 10:16		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: **WG-072622-NL-006** Lab ID: **60406776016** Collected: 07/26/22 14:15 Received: 07/28/22 16:35 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		08/02/22 11:26	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		08/02/22 11:26	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/02/22 11:26	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/02/22 11:26	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/02/22 11:26	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/02/22 11:26	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/02/22 11:26	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/02/22 11:26	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		08/02/22 11:26	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/02/22 11:26	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 11:26	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/02/22 11:26	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/02/22 11:26	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/02/22 11:26	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/02/22 11:26	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/02/22 11:26	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/02/22 11:26	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/02/22 11:26	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/02/22 11:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/02/22 11:26	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/02/22 11:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/02/22 11:26	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/02/22 11:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/02/22 11:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 11:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 11:26	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/02/22 11:26	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		08/02/22 11:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/02/22 11:26	107-06-2	
1,2-Dichloroethene (Total)	0.44J	ug/L	1.0	0.22	1		08/02/22 11:26	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/02/22 11:26	75-35-4	
cis-1,2-Dichloroethene	0.44J	ug/L	1.0	0.13	1		08/02/22 11:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		08/02/22 11:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/02/22 11:26	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/02/22 11:26	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/02/22 11:26	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/02/22 11:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/02/22 11:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/02/22 11:26	10061-02-6	
Ethylbenzene	0.22J	ug/L	1.0	0.12	1		08/02/22 11:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/02/22 11:26	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/02/22 11:26	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		08/02/22 11:26	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/02/22 11:26	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/02/22 11:26	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072622-NL-006 Lab ID: 60406776016 Collected: 07/26/22 14:15 Received: 07/28/22 16:35 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		08/02/22 11:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		08/02/22 11:26	1634-04-4	
Naphthalene	1.7J	ug/L	10.0	0.82	1		08/02/22 11:26	91-20-3	B
n-Propylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 11:26	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/02/22 11:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/02/22 11:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/02/22 11:26	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		08/02/22 11:26	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/02/22 11:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/02/22 11:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/02/22 11:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/02/22 11:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/02/22 11:26	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		08/02/22 11:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/02/22 11:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/02/22 11:26	96-18-4	
1,2,4-Trimethylbenzene	0.75J	ug/L	1.0	0.32	1		08/02/22 11:26	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/02/22 11:26	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		08/02/22 11:26	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/02/22 11:26	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	80-120		1		08/02/22 11:26	460-00-4	
Toluene-d8 (S)	101	%	80-120		1		08/02/22 11:26	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120		1		08/02/22 11:26	2199-69-1	
Preservation pH	1.0		0.10		1		08/02/22 11:26		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: **WG-072622-NL-007** Lab ID: **60406776017** Collected: 07/26/22 15:45 Received: 07/28/22 16:35 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		08/02/22 11:40	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		08/02/22 11:40	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/02/22 11:40	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/02/22 11:40	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/02/22 11:40	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/02/22 11:40	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/02/22 11:40	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/02/22 11:40	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		08/02/22 11:40	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/02/22 11:40	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 11:40	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/02/22 11:40	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/02/22 11:40	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/02/22 11:40	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/02/22 11:40	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/02/22 11:40	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/02/22 11:40	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/02/22 11:40	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/02/22 11:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/02/22 11:40	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/02/22 11:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/02/22 11:40	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/02/22 11:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/02/22 11:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 11:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 11:40	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/02/22 11:40	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		08/02/22 11:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/02/22 11:40	107-06-2	
1,2-Dichloroethene (Total)	2.1	ug/L	1.0	0.22	1		08/02/22 11:40	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/02/22 11:40	75-35-4	
cis-1,2-Dichloroethene	2.1	ug/L	1.0	0.13	1		08/02/22 11:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		08/02/22 11:40	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/02/22 11:40	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/02/22 11:40	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/02/22 11:40	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/02/22 11:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/02/22 11:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/02/22 11:40	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 11:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/02/22 11:40	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/02/22 11:40	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		08/02/22 11:40	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/02/22 11:40	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/02/22 11:40	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072622-NL-007		Lab ID: 60406776017		Collected: 07/26/22 15:45		Received: 07/28/22 16:35		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		08/02/22 11:40	108-10-1	
Methyl-tert-butyl ether	0.65J	ug/L	1.0	0.13	1		08/02/22 11:40	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		08/02/22 11:40	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 11:40	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/02/22 11:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/02/22 11:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/02/22 11:40	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		08/02/22 11:40	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/02/22 11:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/02/22 11:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/02/22 11:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/02/22 11:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/02/22 11:40	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		08/02/22 11:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/02/22 11:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/02/22 11:40	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		08/02/22 11:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/02/22 11:40	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		08/02/22 11:40	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/02/22 11:40	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	80-120		1		08/02/22 11:40	460-00-4	
Toluene-d8 (S)	100	%	80-120		1		08/02/22 11:40	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	80-120		1		08/02/22 11:40	2199-69-1	
Preservation pH	1.0		0.10		1		08/02/22 11:40		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: **WG-072622-NL-008** Lab ID: **60406776018** Collected: 07/26/22 17:50 Received: 07/28/22 16:35 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		08/02/22 11:54	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		08/02/22 11:54	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/02/22 11:54	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/02/22 11:54	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/02/22 11:54	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/02/22 11:54	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/02/22 11:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/02/22 11:54	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		08/02/22 11:54	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/02/22 11:54	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 11:54	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/02/22 11:54	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/02/22 11:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/02/22 11:54	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/02/22 11:54	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/02/22 11:54	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/02/22 11:54	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/02/22 11:54	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/02/22 11:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/02/22 11:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/02/22 11:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/02/22 11:54	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/02/22 11:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/02/22 11:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 11:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 11:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/02/22 11:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		08/02/22 11:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/02/22 11:54	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	0.22	1		08/02/22 11:54	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/02/22 11:54	75-35-4	
cis-1,2-Dichloroethene	0.20J	ug/L	1.0	0.13	1		08/02/22 11:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		08/02/22 11:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/02/22 11:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/02/22 11:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/02/22 11:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/02/22 11:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/02/22 11:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/02/22 11:54	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 11:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/02/22 11:54	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/02/22 11:54	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		08/02/22 11:54	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/02/22 11:54	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/02/22 11:54	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072622-NL-008		Lab ID: 60406776018		Collected: 07/26/22 17:50		Received: 07/28/22 16:35		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		08/02/22 11:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		08/02/22 11:54	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		08/02/22 11:54	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 11:54	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/02/22 11:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/02/22 11:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/02/22 11:54	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		08/02/22 11:54	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/02/22 11:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/02/22 11:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/02/22 11:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/02/22 11:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/02/22 11:54	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		08/02/22 11:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/02/22 11:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/02/22 11:54	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		08/02/22 11:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/02/22 11:54	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		08/02/22 11:54	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/02/22 11:54	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	80-120		1		08/02/22 11:54	460-00-4	
Toluene-d8 (S)	99	%	80-120		1		08/02/22 11:54	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	80-120		1		08/02/22 11:54	2199-69-1	
Preservation pH	1.0		0.10		1		08/02/22 11:54		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: **WG-072622-NL-009** Lab ID: **60406776019** Collected: 07/26/22 18:40 Received: 07/28/22 16:35 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		08/02/22 12:08	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		08/02/22 12:08	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/02/22 12:08	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/02/22 12:08	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/02/22 12:08	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/02/22 12:08	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/02/22 12:08	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/02/22 12:08	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		08/02/22 12:08	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/02/22 12:08	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 12:08	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/02/22 12:08	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/02/22 12:08	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/02/22 12:08	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/02/22 12:08	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/02/22 12:08	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/02/22 12:08	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/02/22 12:08	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/02/22 12:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/02/22 12:08	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/02/22 12:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/02/22 12:08	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/02/22 12:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/02/22 12:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 12:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 12:08	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/02/22 12:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		08/02/22 12:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/02/22 12:08	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	0.22	1		08/02/22 12:08	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/02/22 12:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		08/02/22 12:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		08/02/22 12:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/02/22 12:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/02/22 12:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/02/22 12:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/02/22 12:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/02/22 12:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/02/22 12:08	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 12:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/02/22 12:08	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/02/22 12:08	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		08/02/22 12:08	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/02/22 12:08	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/02/22 12:08	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072622-NL-009		Lab ID: 60406776019		Collected: 07/26/22 18:40		Received: 07/28/22 16:35		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		08/02/22 12:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		08/02/22 12:08	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		08/02/22 12:08	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 12:08	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/02/22 12:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/02/22 12:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/02/22 12:08	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		08/02/22 12:08	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/02/22 12:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/02/22 12:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/02/22 12:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/02/22 12:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/02/22 12:08	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		08/02/22 12:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/02/22 12:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/02/22 12:08	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		08/02/22 12:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/02/22 12:08	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		08/02/22 12:08	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/02/22 12:08	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	80-120		1		08/02/22 12:08	460-00-4	
Toluene-d8 (S)	99	%	80-120		1		08/02/22 12:08	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	98	%	80-120		1		08/02/22 12:08	2199-69-1	
Preservation pH	1.0		0.10		1		08/02/22 12:08		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: **WG-072722-NL-010** Lab ID: **60406776020** Collected: 07/27/22 10:00 Received: 07/28/22 16:35 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		08/02/22 12:21	67-64-1	
Benzene	0.41J	ug/L	1.0	0.14	1		08/02/22 12:21	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/02/22 12:21	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/02/22 12:21	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/02/22 12:21	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/02/22 12:21	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/02/22 12:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/02/22 12:21	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		08/02/22 12:21	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/02/22 12:21	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 12:21	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/02/22 12:21	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/02/22 12:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/02/22 12:21	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/02/22 12:21	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/02/22 12:21	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/02/22 12:21	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/02/22 12:21	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/02/22 12:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/02/22 12:21	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/02/22 12:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/02/22 12:21	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/02/22 12:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/02/22 12:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 12:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 12:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/02/22 12:21	75-71-8	
1,1-Dichloroethane	0.19J	ug/L	1.0	0.12	1		08/02/22 12:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/02/22 12:21	107-06-2	
1,2-Dichloroethene (Total)	136	ug/L	1.0	0.22	1		08/02/22 12:21	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/02/22 12:21	75-35-4	
cis-1,2-Dichloroethene	130	ug/L	1.0	0.13	1		08/02/22 12:21	156-59-2	
trans-1,2-Dichloroethene	5.2	ug/L	1.0	0.10	1		08/02/22 12:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/02/22 12:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/02/22 12:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/02/22 12:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/02/22 12:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/02/22 12:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/02/22 12:21	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 12:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/02/22 12:21	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/02/22 12:21	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		08/02/22 12:21	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/02/22 12:21	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/02/22 12:21	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072722-NL-010		Lab ID: 60406776020		Collected: 07/27/22 10:00		Received: 07/28/22 16:35		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		08/02/22 12:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		08/02/22 12:21	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		08/02/22 12:21	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 12:21	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/02/22 12:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/02/22 12:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/02/22 12:21	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		08/02/22 12:21	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/02/22 12:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/02/22 12:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/02/22 12:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/02/22 12:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/02/22 12:21	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		08/02/22 12:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/02/22 12:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/02/22 12:21	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		08/02/22 12:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/02/22 12:21	108-67-8	
Vinyl chloride	18.6	ug/L	1.0	0.17	1		08/02/22 12:21	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/02/22 12:21	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	80-120		1		08/02/22 12:21	460-00-4	
Toluene-d8 (S)	97	%	80-120		1		08/02/22 12:21	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	98	%	80-120		1		08/02/22 12:21	2199-69-1	
Preservation pH	1.0		0.10		1		08/02/22 12:21		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: **WG-072722-NL-011** Lab ID: **60406776021** Collected: 07/27/22 11:15 Received: 07/28/22 16:35 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		08/02/22 12:35	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		08/02/22 12:35	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/02/22 12:35	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/02/22 12:35	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/02/22 12:35	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/02/22 12:35	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/02/22 12:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/02/22 12:35	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		08/02/22 12:35	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/02/22 12:35	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 12:35	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/02/22 12:35	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/02/22 12:35	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/02/22 12:35	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/02/22 12:35	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/02/22 12:35	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/02/22 12:35	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/02/22 12:35	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/02/22 12:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/02/22 12:35	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/02/22 12:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/02/22 12:35	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/02/22 12:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/02/22 12:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 12:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 12:35	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/02/22 12:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		08/02/22 12:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/02/22 12:35	107-06-2	
1,2-Dichloroethene (Total)	9.3	ug/L	1.0	0.22	1		08/02/22 12:35	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/02/22 12:35	75-35-4	
cis-1,2-Dichloroethene	8.7	ug/L	1.0	0.13	1		08/02/22 12:35	156-59-2	
trans-1,2-Dichloroethene	0.54J	ug/L	1.0	0.10	1		08/02/22 12:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/02/22 12:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/02/22 12:35	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/02/22 12:35	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/02/22 12:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/02/22 12:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/02/22 12:35	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 12:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/02/22 12:35	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/02/22 12:35	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		08/02/22 12:35	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/02/22 12:35	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/02/22 12:35	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072722-NL-011		Lab ID: 60406776021		Collected: 07/27/22 11:15		Received: 07/28/22 16:35		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		08/02/22 12:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		08/02/22 12:35	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		08/02/22 12:35	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 12:35	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/02/22 12:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/02/22 12:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/02/22 12:35	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		08/02/22 12:35	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/02/22 12:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/02/22 12:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/02/22 12:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/02/22 12:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/02/22 12:35	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		08/02/22 12:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/02/22 12:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/02/22 12:35	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		08/02/22 12:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/02/22 12:35	108-67-8	
Vinyl chloride	0.52J	ug/L	1.0	0.17	1		08/02/22 12:35	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/02/22 12:35	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	80-120		1		08/02/22 12:35	460-00-4	
Toluene-d8 (S)	101	%	80-120		1		08/02/22 12:35	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	98	%	80-120		1		08/02/22 12:35	2199-69-1	
Preservation pH	1.0		0.10		1		08/02/22 12:35		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072722-NL-012 Lab ID: 60406776022 Collected: 07/27/22 12:25 Received: 07/28/22 16:35 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	0.20	0.11	1	08/01/22 15:05	08/03/22 15:03		
MRH (C9-C18)	ND	mg/L	0.060	0.055	1	08/01/22 15:05	08/03/22 15:03		
Surrogates									
1-Chloro-octadecane (S)	70	%	40-140		1	08/01/22 15:05	08/03/22 15:03	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		08/02/22 00:05		
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		08/02/22 00:05	460-00-4	
Preservation pH	1.0				1		08/02/22 00:05		
8270 MSSV PAH by SIM									
Analytical Method: EPA 8270C By SIM Preparation Method: EPA 3511									
Pace Analytical Services - Kansas City									
Naphthalene	ND	ug/L	0.48	0.081	1	08/01/22 11:19	08/04/22 10:18	91-20-3	
Surrogates									
2-Fluorobiphenyl (S)	88	%	41-138		1	08/01/22 11:19	08/04/22 10:18	321-60-8	
Terphenyl-d14 (S)	84	%	41-155		1	08/01/22 11:19	08/04/22 10:18	1718-51-0	
8260 MSV									
Analytical Method: EPA 5030B/8260									
Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		08/02/22 12:49	67-64-1	
Benzene	0.43J	ug/L	1.0	0.14	1		08/02/22 12:49	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/02/22 12:49	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/02/22 12:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/02/22 12:49	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/02/22 12:49	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/02/22 12:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/02/22 12:49	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		08/02/22 12:49	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/02/22 12:49	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 12:49	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/02/22 12:49	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/02/22 12:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/02/22 12:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/02/22 12:49	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/02/22 12:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/02/22 12:49	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/02/22 12:49	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/02/22 12:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/02/22 12:49	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/02/22 12:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/02/22 12:49	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/02/22 12:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/02/22 12:49	95-50-1	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072722-NL-012		Lab ID: 60406776022		Collected: 07/27/22 12:25		Received: 07/28/22 16:35		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									
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 12:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 12:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/02/22 12:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		08/02/22 12:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/02/22 12:49	107-06-2	
1,2-Dichloroethene (Total)	0.34J	ug/L	1.0	0.22	1		08/02/22 12:49	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/02/22 12:49	75-35-4	
cis-1,2-Dichloroethene	0.34J	ug/L	1.0	0.13	1		08/02/22 12:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		08/02/22 12:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/02/22 12:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/02/22 12:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/02/22 12:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/02/22 12:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/02/22 12:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/02/22 12:49	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 12:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/02/22 12:49	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/02/22 12:49	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		08/02/22 12:49	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/02/22 12:49	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/02/22 12:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		08/02/22 12:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		08/02/22 12:49	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		08/02/22 12:49	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 12:49	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/02/22 12:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/02/22 12:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/02/22 12:49	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		08/02/22 12:49	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/02/22 12:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/02/22 12:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/02/22 12:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/02/22 12:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/02/22 12:49	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		08/02/22 12:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/02/22 12:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/02/22 12:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		08/02/22 12:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/02/22 12:49	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		08/02/22 12:49	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/02/22 12:49	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	80-120		1		08/02/22 12:49	460-00-4	
Toluene-d8 (S)	100	%	80-120		1		08/02/22 12:49	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120		1		08/02/22 12:49	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072722-NL-012		Lab ID: 60406776022	Collected: 07/27/22 12:25	Received: 07/28/22 16:35	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									
Preservation pH	1.0		0.10		1		08/02/22 12:49		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: **WG-072722-NL-013** Lab ID: **60406776023** Collected: 07/27/22 14:25 Received: 07/28/22 16:35 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		08/02/22 13:03	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		08/02/22 13:03	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/02/22 13:03	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/02/22 13:03	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/02/22 13:03	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/02/22 13:03	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/02/22 13:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/02/22 13:03	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		08/02/22 13:03	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/02/22 13:03	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 13:03	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/02/22 13:03	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/02/22 13:03	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/02/22 13:03	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/02/22 13:03	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/02/22 13:03	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/02/22 13:03	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/02/22 13:03	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/02/22 13:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/02/22 13:03	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/02/22 13:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/02/22 13:03	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/02/22 13:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/02/22 13:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 13:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 13:03	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/02/22 13:03	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		08/02/22 13:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/02/22 13:03	107-06-2	
1,2-Dichloroethene (Total)	0.84J	ug/L	1.0	0.22	1		08/02/22 13:03	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/02/22 13:03	75-35-4	
cis-1,2-Dichloroethene	0.84J	ug/L	1.0	0.13	1		08/02/22 13:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		08/02/22 13:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/02/22 13:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/02/22 13:03	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/02/22 13:03	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/02/22 13:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/02/22 13:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/02/22 13:03	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 13:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/02/22 13:03	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/02/22 13:03	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		08/02/22 13:03	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/02/22 13:03	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/02/22 13:03	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072722-NL-013		Lab ID: 60406776023		Collected: 07/27/22 14:25		Received: 07/28/22 16:35		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		08/02/22 13:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		08/02/22 13:03	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		08/02/22 13:03	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 13:03	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/02/22 13:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/02/22 13:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/02/22 13:03	79-34-5	
Tetrachloroethene	6.5	ug/L	1.0	0.33	1		08/02/22 13:03	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/02/22 13:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/02/22 13:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/02/22 13:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/02/22 13:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/02/22 13:03	79-00-5	
Trichloroethene	0.84J	ug/L	1.0	0.21	1		08/02/22 13:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/02/22 13:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/02/22 13:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		08/02/22 13:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/02/22 13:03	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		08/02/22 13:03	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/02/22 13:03	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	80-120		1		08/02/22 13:03	460-00-4	
Toluene-d8 (S)	98	%	80-120		1		08/02/22 13:03	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120		1		08/02/22 13:03	2199-69-1	
Preservation pH	5.0		0.10		1		08/02/22 13:03		pH

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: **WG-072822-NL-014** Lab ID: **60406776024** Collected: 07/28/22 10:05 Received: 07/28/22 16:35 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		08/02/22 13:16	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		08/02/22 13:16	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/02/22 13:16	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/02/22 13:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/02/22 13:16	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/02/22 13:16	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/02/22 13:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/02/22 13:16	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		08/02/22 13:16	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/02/22 13:16	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 13:16	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/02/22 13:16	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/02/22 13:16	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/02/22 13:16	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/02/22 13:16	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/02/22 13:16	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/02/22 13:16	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/02/22 13:16	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/02/22 13:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/02/22 13:16	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/02/22 13:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/02/22 13:16	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/02/22 13:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/02/22 13:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 13:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 13:16	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/02/22 13:16	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		08/02/22 13:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/02/22 13:16	107-06-2	
1,2-Dichloroethene (Total)	0.26J	ug/L	1.0	0.22	1		08/02/22 13:16	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/02/22 13:16	75-35-4	
cis-1,2-Dichloroethene	0.26J	ug/L	1.0	0.13	1		08/02/22 13:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		08/02/22 13:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/02/22 13:16	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/02/22 13:16	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/02/22 13:16	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/02/22 13:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/02/22 13:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/02/22 13:16	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 13:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/02/22 13:16	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/02/22 13:16	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		08/02/22 13:16	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/02/22 13:16	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/02/22 13:16	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072822-NL-014		Lab ID: 60406776024		Collected: 07/28/22 10:05		Received: 07/28/22 16:35		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		08/02/22 13:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		08/02/22 13:16	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		08/02/22 13:16	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 13:16	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/02/22 13:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/02/22 13:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/02/22 13:16	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		08/02/22 13:16	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/02/22 13:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/02/22 13:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/02/22 13:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/02/22 13:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/02/22 13:16	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		08/02/22 13:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/02/22 13:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/02/22 13:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		08/02/22 13:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/02/22 13:16	108-67-8	
Vinyl chloride	0.17J	ug/L	1.0	0.17	1		08/02/22 13:16	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/02/22 13:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	80-120		1		08/02/22 13:16	460-00-4	
Toluene-d8 (S)	97	%	80-120		1		08/02/22 13:16	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	97	%	80-120		1		08/02/22 13:16	2199-69-1	
Preservation pH	1.0		0.10		1		08/02/22 13:16		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: **WG-072822-NL-015** Lab ID: **60406776025** Collected: 07/28/22 11:05 Received: 07/28/22 16:35 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		08/03/22 10:29	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		08/03/22 10:29	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/03/22 10:29	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/03/22 10:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/03/22 10:29	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/03/22 10:29	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/03/22 10:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/03/22 10:29	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		08/03/22 10:29	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/03/22 10:29	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/03/22 10:29	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/03/22 10:29	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/03/22 10:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/03/22 10:29	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/03/22 10:29	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/03/22 10:29	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/03/22 10:29	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/03/22 10:29	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/03/22 10:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/03/22 10:29	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/03/22 10:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/03/22 10:29	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/03/22 10:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/03/22 10:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/03/22 10:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/03/22 10:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/03/22 10:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		08/03/22 10:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/03/22 10:29	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	0.22	1		08/03/22 10:29	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/03/22 10:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		08/03/22 10:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		08/03/22 10:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/03/22 10:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/03/22 10:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/03/22 10:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/03/22 10:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/03/22 10:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/03/22 10:29	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		08/03/22 10:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/03/22 10:29	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/03/22 10:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		08/03/22 10:29	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/03/22 10:29	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/03/22 10:29	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072822-NL-015		Lab ID: 60406776025		Collected: 07/28/22 11:05		Received: 07/28/22 16:35		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		08/03/22 10:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		08/03/22 10:29	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		08/03/22 10:29	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		08/03/22 10:29	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/03/22 10:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/03/22 10:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/03/22 10:29	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		08/03/22 10:29	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/03/22 10:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/03/22 10:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/03/22 10:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/03/22 10:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/03/22 10:29	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		08/03/22 10:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/03/22 10:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/03/22 10:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		08/03/22 10:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/03/22 10:29	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		08/03/22 10:29	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/03/22 10:29	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	80-120		1		08/03/22 10:29	460-00-4	
Toluene-d8 (S)	100	%	80-120		1		08/03/22 10:29	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	80-120		1		08/03/22 10:29	2199-69-1	
Preservation pH	1.0		0.10		1		08/03/22 10:29		

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: **WG-072822-NL-016** Lab ID: **60406776026** Collected: 07/28/22 15:15 Received: 07/28/22 16:35 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		08/03/22 10:43	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		08/03/22 10:43	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/03/22 10:43	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/03/22 10:43	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/03/22 10:43	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/03/22 10:43	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/03/22 10:43	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/03/22 10:43	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		08/03/22 10:43	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/03/22 10:43	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/03/22 10:43	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/03/22 10:43	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/03/22 10:43	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/03/22 10:43	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/03/22 10:43	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/03/22 10:43	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/03/22 10:43	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/03/22 10:43	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/03/22 10:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/03/22 10:43	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/03/22 10:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/03/22 10:43	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/03/22 10:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/03/22 10:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/03/22 10:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/03/22 10:43	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/03/22 10:43	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		08/03/22 10:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/03/22 10:43	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	0.22	1		08/03/22 10:43	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/03/22 10:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		08/03/22 10:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		08/03/22 10:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/03/22 10:43	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/03/22 10:43	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/03/22 10:43	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/03/22 10:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/03/22 10:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/03/22 10:43	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		08/03/22 10:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/03/22 10:43	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/03/22 10:43	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		08/03/22 10:43	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/03/22 10:43	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/03/22 10:43	75-09-2	

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: WG-072822-NL-016		Lab ID: 60406776026		Collected: 07/28/22 15:15		Received: 07/28/22 16:35		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		08/03/22 10:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		08/03/22 10:43	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		08/03/22 10:43	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		08/03/22 10:43	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/03/22 10:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/03/22 10:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/03/22 10:43	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		08/03/22 10:43	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/03/22 10:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/03/22 10:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/03/22 10:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/03/22 10:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/03/22 10:43	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		08/03/22 10:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/03/22 10:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/03/22 10:43	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		08/03/22 10:43	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/03/22 10:43	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		08/03/22 10:43	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/03/22 10:43	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120		1		08/03/22 10:43	460-00-4	
Toluene-d8 (S)	102	%	80-120		1		08/03/22 10:43	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	97	%	80-120		1		08/03/22 10:43	2199-69-1	
Preservation pH	1.0		0.10		1		08/03/22 10:43		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: TRIP BLANK		Lab ID: 60406776027		Collected: 07/25/22 08:00		Received: 07/28/22 16:35		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		08/02/22 01:09	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		08/02/22 01:09	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/02/22 01:09	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/02/22 01:09	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/02/22 01:09	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/02/22 01:09	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/02/22 01:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/02/22 01:09	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.15	1		08/02/22 01:09	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/02/22 01:09	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 01:09	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/02/22 01:09	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/02/22 01:09	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/02/22 01:09	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/02/22 01:09	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/02/22 01:09	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/02/22 01:09	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/02/22 01:09	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/02/22 01:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/02/22 01:09	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/02/22 01:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/02/22 01:09	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/02/22 01:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/02/22 01:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 01:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/02/22 01:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/02/22 01:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		08/02/22 01:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/02/22 01:09	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	0.22	1		08/02/22 01:09	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/02/22 01:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		08/02/22 01:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		08/02/22 01:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/02/22 01:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/02/22 01:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/02/22 01:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/02/22 01:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/02/22 01:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/02/22 01:09	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 01:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/02/22 01:09	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/02/22 01:09	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		08/02/22 01:09	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/02/22 01:09	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/02/22 01:09	75-09-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Sample: TRIP BLANK		Lab ID: 60406776027		Collected: 07/25/22 08:00		Received: 07/28/22 16:35		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		08/02/22 01:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		08/02/22 01:09	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		08/02/22 01:09	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.12	1		08/02/22 01:09	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/02/22 01:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/02/22 01:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/02/22 01:09	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		08/02/22 01:09	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/02/22 01:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/02/22 01:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/02/22 01:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/02/22 01:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/02/22 01:09	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		08/02/22 01:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/02/22 01:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/02/22 01:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		08/02/22 01:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/02/22 01:09	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		08/02/22 01:09	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/02/22 01:09	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120		1		08/02/22 01:09	460-00-4	
Toluene-d8 (S)	96	%	80-120		1		08/02/22 01:09	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	80-120		1		08/02/22 01:09	2199-69-1	
Preservation pH	1.0		0.10		1		08/02/22 01:09		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

QC Batch: 800355

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: 60406776013

METHOD BLANK: 3186996

Matrix: Water

Associated Lab Samples: 60406776013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
LRH (C5-C8)	mg/L	ND	0.050	0.011	08/01/22 17:32	
4-Bromofluorobenzene (S)	%	101	70-130		08/01/22 17:32	

LABORATORY CONTROL SAMPLE & LCSD: 3186997

3186998

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	0.35	0.34	86	84	70-130	3	25	
4-Bromofluorobenzene (S)	%				104	102	70-130			

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QUALITY CONTROL DATA

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

QC Batch:	800479	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: 60406776022

METHOD BLANK: 3187207 Matrix: Water

Associated Lab Samples: 60406776022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
LRH (C5-C8)	mg/L	ND	0.050	0.011	08/01/22 23:35	
4-Bromofluorobenzene (S)	%	101	70-130		08/01/22 23:35	

LABORATORY CONTROL SAMPLE & LCSD: 3187208

		3187209								
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	0.36	0.38	90	94	70-130	4	25	
4-Bromofluorobenzene (S)	%				100	101	70-130			

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QUALITY CONTROL DATA

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

QC Batch:	800426	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:	60406776001, 60406776002, 60406776003, 60406776004, 60406776005, 60406776006, 60406776007, 60406776008, 60406776009, 60406776010, 60406776011, 60406776012, 60406776013, 60406776014, 60406776027		

METHOD BLANK: 3187154

Matrix: Water

Associated Lab Samples: 60406776001, 60406776002, 60406776003, 60406776004, 60406776005, 60406776006, 60406776007, 60406776008, 60406776009, 60406776010, 60406776011, 60406776012, 60406776013, 60406776014, 60406776027

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.084	08/02/22 00:56	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.11	08/02/22 00:56	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.15	08/02/22 00:56	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.14	08/02/22 00:56	
1,1-Dichloroethane	ug/L	ND	1.0	0.12	08/02/22 00:56	
1,1-Dichloroethene	ug/L	ND	1.0	0.22	08/02/22 00:56	
1,1-Dichloropropene	ug/L	ND	1.0	0.14	08/02/22 00:56	
1,2,3-Trichlorobenzene	ug/L	1.1	1.0	0.93	08/02/22 00:56	
1,2,3-Trichloropropane	ug/L	ND	2.5	0.41	08/02/22 00:56	
1,2,4-Trichlorobenzene	ug/L	0.78J	1.0	0.73	08/02/22 00:56	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	0.32	08/02/22 00:56	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	0.78	08/02/22 00:56	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.20	08/02/22 00:56	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.12	08/02/22 00:56	
1,2-Dichloroethane	ug/L	ND	1.0	0.21	08/02/22 00:56	
1,2-Dichloroethene (Total)	ug/L	ND	1.0	0.22	08/02/22 00:56	
1,2-Dichloropropane	ug/L	ND	1.0	0.14	08/02/22 00:56	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	0.090	08/02/22 00:56	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.13	08/02/22 00:56	
1,3-Dichloropropane	ug/L	ND	1.0	0.10	08/02/22 00:56	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.13	08/02/22 00:56	
2,2-Dichloropropane	ug/L	ND	1.0	0.16	08/02/22 00:56	
2-Butanone (MEK)	ug/L	ND	10.0	0.98	08/02/22 00:56	
2-Chlorotoluene	ug/L	ND	1.0	0.11	08/02/22 00:56	
2-Hexanone	ug/L	ND	10.0	1.1	08/02/22 00:56	
4-Chlorotoluene	ug/L	ND	1.0	0.15	08/02/22 00:56	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	0.74	08/02/22 00:56	
Acetone	ug/L	ND	10.0	2.5	08/02/22 00:56	
Benzene	ug/L	ND	1.0	0.14	08/02/22 00:56	
Bromobenzene	ug/L	ND	1.0	0.088	08/02/22 00:56	
Bromochloromethane	ug/L	ND	1.0	0.20	08/02/22 00:56	
Bromodichloromethane	ug/L	ND	1.0	0.16	08/02/22 00:56	
Bromoform	ug/L	ND	1.0	0.68	08/02/22 00:56	
Bromomethane	ug/L	ND	5.0	0.46	08/02/22 00:56	
Carbon disulfide	ug/L	ND	5.0	0.98	08/02/22 00:56	
Carbon tetrachloride	ug/L	ND	1.0	0.17	08/02/22 00:56	
Chlorobenzene	ug/L	ND	1.0	0.089	08/02/22 00:56	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

METHOD BLANK: 3187154

Matrix: Water

Associated Lab Samples: 60406776001, 60406776002, 60406776003, 60406776004, 60406776005, 60406776006, 60406776007, 60406776008, 60406776009, 60406776010, 60406776011, 60406776012, 60406776013, 60406776014, 60406776027

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloroethane	ug/L	ND	1.0	0.37	08/02/22 00:56	
Chloroform	ug/L	ND	1.0	0.22	08/02/22 00:56	
Chloromethane	ug/L	ND	1.0	0.28	08/02/22 00:56	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.13	08/02/22 00:56	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.078	08/02/22 00:56	
Dibromochloromethane	ug/L	ND	1.0	0.30	08/02/22 00:56	
Dibromomethane	ug/L	ND	1.0	0.11	08/02/22 00:56	
Dichlorodifluoromethane	ug/L	ND	1.0	0.20	08/02/22 00:56	
Ethylbenzene	ug/L	ND	1.0	0.12	08/02/22 00:56	
Hexachloro-1,3-butadiene	ug/L	0.47J	1.0	0.42	08/02/22 00:56	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	0.097	08/02/22 00:56	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.13	08/02/22 00:56	
Methylene Chloride	ug/L	ND	1.0	0.39	08/02/22 00:56	
n-Butylbenzene	ug/L	ND	1.0	0.15	08/02/22 00:56	
n-Propylbenzene	ug/L	ND	1.0	0.12	08/02/22 00:56	
Naphthalene	ug/L	1.5J	10.0	0.82	08/02/22 00:56	
p-Isopropyltoluene	ug/L	ND	1.0	0.13	08/02/22 00:56	
sec-Butylbenzene	ug/L	ND	1.0	0.11	08/02/22 00:56	
Styrene	ug/L	ND	1.0	0.12	08/02/22 00:56	
tert-Butylbenzene	ug/L	ND	1.0	0.12	08/02/22 00:56	
Tetrachloroethene	ug/L	ND	1.0	0.33	08/02/22 00:56	
Toluene	ug/L	ND	1.0	0.25	08/02/22 00:56	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.10	08/02/22 00:56	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.18	08/02/22 00:56	
Trichloroethene	ug/L	ND	1.0	0.21	08/02/22 00:56	
Trichlorofluoromethane	ug/L	ND	1.0	0.16	08/02/22 00:56	
Vinyl chloride	ug/L	ND	1.0	0.17	08/02/22 00:56	
Xylene (Total)	ug/L	ND	3.0	0.28	08/02/22 00:56	
1,2-Dichlorobenzene-d4 (S)	%	100	80-120		08/02/22 00:56	
4-Bromofluorobenzene (S)	%	101	80-120		08/02/22 00:56	
Toluene-d8 (S)	%	98	80-120		08/02/22 00:56	

LABORATORY CONTROL SAMPLE: 3187155

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.0	100	80-120	
1,1,1-Trichloroethane	ug/L	20	20.1	101	75-125	
1,1,2,2-Tetrachloroethane	ug/L	20	20.9	104	80-120	
1,1,2-Trichloroethane	ug/L	20	19.0	95	80-120	
1,1-Dichloroethane	ug/L	20	20.8	104	75-120	
1,1-Dichloroethene	ug/L	20	20.5	102	75-120	
1,1-Dichloropropene	ug/L	20	19.8	99	75-125	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

LABORATORY CONTROL SAMPLE: 3187155

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichlorobenzene	ug/L	20	12.4	62	60-135	
1,2,3-Trichloropropane	ug/L	20	20.7	104	75-120	
1,2,4-Trichlorobenzene	ug/L	20	13.8	69	65-130	
1,2,4-Trimethylbenzene	ug/L	20	19.7	98	80-120	
1,2-Dibromo-3-chloropropane	ug/L	20	16.3	82	65-130	
1,2-Dibromoethane (EDB)	ug/L	20	20.5	102	80-120	
1,2-Dichlorobenzene	ug/L	20	19.6	98	80-120	
1,2-Dichloroethane	ug/L	20	20.5	103	80-120	
1,2-Dichloroethene (Total)	ug/L	40	40.2	101	80-120	
1,2-Dichloropropane	ug/L	20	20.2	101	80-120	
1,3,5-Trimethylbenzene	ug/L	20	20.5	102	75-120	
1,3-Dichlorobenzene	ug/L	20	19.9	100	80-120	
1,3-Dichloropropane	ug/L	20	20.9	104	80-120	
1,4-Dichlorobenzene	ug/L	20	19.8	99	80-120	
2,2-Dichloropropane	ug/L	20	16.7	83	55-135	
2-Butanone (MEK)	ug/L	100	63.8	64	50-155	
2-Chlorotoluene	ug/L	20	20.6	103	80-120	
2-Hexanone	ug/L	100	63.6	64	55-145	
4-Chlorotoluene	ug/L	20	20.8	104	80-120	
4-Methyl-2-pentanone (MIBK)	ug/L	100	103	103	70-130	
Acetone	ug/L	100	50.2	50	35-160	
Benzene	ug/L	20	21.3	107	80-120	
Bromobenzene	ug/L	20	20.0	100	80-120	
Bromochloromethane	ug/L	20	19.1	96	80-120	
Bromodichloromethane	ug/L	20	20.1	101	80-120	
Bromoform	ug/L	20	17.0	85	60-130	
Bromomethane	ug/L	20	19.7	98	50-140	
Carbon disulfide	ug/L	20	20.9	105	75-125	
Carbon tetrachloride	ug/L	20	20.8	104	70-130	
Chlorobenzene	ug/L	20	20.7	103	80-120	
Chloroethane	ug/L	20	19.5	97	70-130	
Chloroform	ug/L	20	19.3	97	75-120	
Chloromethane	ug/L	20	18.8	94	45-145	
cis-1,2-Dichloroethene	ug/L	20	19.1	95	80-120	
cis-1,3-Dichloropropene	ug/L	20	18.2	91	75-125	
Dibromochloromethane	ug/L	20	16.9	85	75-125	
Dibromomethane	ug/L	20	18.9	94	80-120	
Dichlorodifluoromethane	ug/L	20	18.0	90	25-180	
Ethylbenzene	ug/L	20	20.1	101	80-120	
Hexachloro-1,3-butadiene	ug/L	20	16.0	80	65-125	
Isopropylbenzene (Cumene)	ug/L	20	21.5	108	80-125	
Methyl-tert-butyl ether	ug/L	20	20.7	103	75-125	
Methylene Chloride	ug/L	20	20.6	103	70-140	
n-Butylbenzene	ug/L	20	18.8	94	70-125	
n-Propylbenzene	ug/L	20	20.5	102	80-120	
Naphthalene	ug/L	20	14.1	70	60-140	
p-Isopropyltoluene	ug/L	20	20.1	101	80-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

LABORATORY CONTROL SAMPLE: 3187155

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	ug/L	20	20.5	103	80-120	
Styrene	ug/L	20	22.2	111	80-120	
tert-Butylbenzene	ug/L	20	20.5	103	80-120	
Tetrachloroethene	ug/L	20	18.3	92	80-125	
Toluene	ug/L	20	20.8	104	80-120	
trans-1,2-Dichloroethene	ug/L	20	21.2	106	80-120	
trans-1,3-Dichloropropene	ug/L	20	20.0	100	75-125	
Trichloroethene	ug/L	20	19.9	99	80-125	
Trichlorofluoromethane	ug/L	20	20.9	105	75-125	
Vinyl chloride	ug/L	20	20.7	103	65-140	
Xylene (Total)	ug/L	60	62.4	104	80-120	
1,2-Dichlorobenzene-d4 (S)	%			98	80-120	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			100	80-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

QC Batch:	800501	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:	60406776016, 60406776017, 60406776018, 60406776019, 60406776020, 60406776021, 60406776022, 60406776023, 60406776024		

METHOD BLANK: 3187293

Matrix: Water

Associated Lab Samples: 60406776016, 60406776017, 60406776018, 60406776019, 60406776020, 60406776021, 60406776022, 60406776023, 60406776024

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.084	08/02/22 08:27	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.11	08/02/22 08:27	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.15	08/02/22 08:27	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.14	08/02/22 08:27	
1,1-Dichloroethane	ug/L	ND	1.0	0.12	08/02/22 08:27	
1,1-Dichloroethene	ug/L	ND	1.0	0.22	08/02/22 08:27	
1,1-Dichloropropene	ug/L	ND	1.0	0.14	08/02/22 08:27	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.93	08/02/22 08:27	
1,2,3-Trichloropropane	ug/L	ND	2.5	0.41	08/02/22 08:27	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.73	08/02/22 08:27	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	0.32	08/02/22 08:27	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	0.78	08/02/22 08:27	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.20	08/02/22 08:27	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.12	08/02/22 08:27	
1,2-Dichloroethane	ug/L	ND	1.0	0.21	08/02/22 08:27	
1,2-Dichloroethene (Total)	ug/L	ND	1.0	0.22	08/02/22 08:27	
1,2-Dichloropropane	ug/L	ND	1.0	0.14	08/02/22 08:27	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	0.090	08/02/22 08:27	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.13	08/02/22 08:27	
1,3-Dichloropropane	ug/L	ND	1.0	0.10	08/02/22 08:27	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.13	08/02/22 08:27	
2,2-Dichloropropane	ug/L	ND	1.0	0.16	08/02/22 08:27	
2-Butanone (MEK)	ug/L	ND	10.0	0.98	08/02/22 08:27	
2-Chlorotoluene	ug/L	ND	1.0	0.11	08/02/22 08:27	
2-Hexanone	ug/L	ND	10.0	1.1	08/02/22 08:27	
4-Chlorotoluene	ug/L	ND	1.0	0.15	08/02/22 08:27	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	0.74	08/02/22 08:27	
Acetone	ug/L	ND	10.0	2.5	08/02/22 08:27	
Benzene	ug/L	ND	1.0	0.14	08/02/22 08:27	
Bromobenzene	ug/L	ND	1.0	0.088	08/02/22 08:27	
Bromochloromethane	ug/L	ND	1.0	0.20	08/02/22 08:27	
Bromodichloromethane	ug/L	ND	1.0	0.16	08/02/22 08:27	
Bromoform	ug/L	ND	1.0	0.68	08/02/22 08:27	
Bromomethane	ug/L	ND	5.0	0.46	08/02/22 08:27	
Carbon disulfide	ug/L	ND	5.0	0.98	08/02/22 08:27	
Carbon tetrachloride	ug/L	ND	1.0	0.17	08/02/22 08:27	
Chlorobenzene	ug/L	ND	1.0	0.089	08/02/22 08:27	
Chloroethane	ug/L	ND	1.0	0.37	08/02/22 08:27	
Chloroform	ug/L	ND	1.0	0.22	08/02/22 08:27	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

METHOD BLANK: 3187293

Matrix: Water

Associated Lab Samples: 60406776016, 60406776017, 60406776018, 60406776019, 60406776020, 60406776021, 60406776022, 60406776023, 60406776024

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloromethane	ug/L	ND	1.0	0.28	08/02/22 08:27	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.13	08/02/22 08:27	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.078	08/02/22 08:27	
Dibromochloromethane	ug/L	ND	1.0	0.30	08/02/22 08:27	
Dibromomethane	ug/L	ND	1.0	0.11	08/02/22 08:27	
Dichlorodifluoromethane	ug/L	ND	1.0	0.20	08/02/22 08:27	
Ethylbenzene	ug/L	ND	1.0	0.12	08/02/22 08:27	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	0.42	08/02/22 08:27	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	0.097	08/02/22 08:27	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.13	08/02/22 08:27	
Methylene Chloride	ug/L	ND	1.0	0.39	08/02/22 08:27	
n-Butylbenzene	ug/L	ND	1.0	0.15	08/02/22 08:27	
n-Propylbenzene	ug/L	ND	1.0	0.12	08/02/22 08:27	
Naphthalene	ug/L	1.3J	10.0	0.82	08/02/22 08:27	
p-Isopropyltoluene	ug/L	ND	1.0	0.13	08/02/22 08:27	
sec-Butylbenzene	ug/L	ND	1.0	0.11	08/02/22 08:27	
Styrene	ug/L	ND	1.0	0.12	08/02/22 08:27	
tert-Butylbenzene	ug/L	ND	1.0	0.12	08/02/22 08:27	
Tetrachloroethene	ug/L	ND	1.0	0.33	08/02/22 08:27	
Toluene	ug/L	ND	1.0	0.25	08/02/22 08:27	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.10	08/02/22 08:27	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.18	08/02/22 08:27	
Trichloroethene	ug/L	ND	1.0	0.21	08/02/22 08:27	
Trichlorofluoromethane	ug/L	ND	1.0	0.16	08/02/22 08:27	
Vinyl chloride	ug/L	ND	1.0	0.17	08/02/22 08:27	
Xylene (Total)	ug/L	ND	3.0	0.28	08/02/22 08:27	
1,2-Dichlorobenzene-d4 (S)	%	96	80-120		08/02/22 08:27	
4-Bromofluorobenzene (S)	%	99	80-120		08/02/22 08:27	
Toluene-d8 (S)	%	99	80-120		08/02/22 08:27	

LABORATORY CONTROL SAMPLE: 3187294

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.5	103	80-120	
1,1,1-Trichloroethane	ug/L	20	20.8	104	75-125	
1,1,2,2-Tetrachloroethane	ug/L	20	20.5	103	80-120	
1,1,2-Trichloroethane	ug/L	20	18.3	91	80-120	
1,1-Dichloroethane	ug/L	20	21.7	109	75-120	
1,1-Dichloroethene	ug/L	20	21.6	108	75-120	
1,1-Dichloropropene	ug/L	20	20.9	104	75-125	
1,2,3-Trichlorobenzene	ug/L	20	15.5	77	60-135	
1,2,3-Trichloropropane	ug/L	20	18.3	91	75-120	
1,2,4-Trichlorobenzene	ug/L	20	16.4	82	65-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

LABORATORY CONTROL SAMPLE: 3187294

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	21.0	105	80-120	
1,2-Dibromo-3-chloropropane	ug/L	20	17.5	87	65-130	
1,2-Dibromoethane (EDB)	ug/L	20	19.5	97	80-120	
1,2-Dichlorobenzene	ug/L	20	20.3	102	80-120	
1,2-Dichloroethane	ug/L	20	19.8	99	80-120	
1,2-Dichloroethene (Total)	ug/L	40	42.1	105	80-120	
1,2-Dichloropropane	ug/L	20	20.4	102	80-120	
1,3,5-Trimethylbenzene	ug/L	20	21.0	105	75-120	
1,3-Dichlorobenzene	ug/L	20	20.8	104	80-120	
1,3-Dichloropropane	ug/L	20	20.0	100	80-120	
1,4-Dichlorobenzene	ug/L	20	21.0	105	80-120	
2,2-Dichloropropane	ug/L	20	21.3	106	55-135	
2-Butanone (MEK)	ug/L	100	102	102	50-155	
2-Chlorotoluene	ug/L	20	21.3	106	80-120	
2-Hexanone	ug/L	100	93.4	93	55-145	
4-Chlorotoluene	ug/L	20	21.6	108	80-120	
4-Methyl-2-pentanone (MIBK)	ug/L	100	104	104	70-130	
Acetone	ug/L	100	97.3	97	35-160	
Benzene	ug/L	20	21.1	105	80-120	
Bromobenzene	ug/L	20	20.9	104	80-120	
Bromochloromethane	ug/L	20	19.2	96	80-120	
Bromodichloromethane	ug/L	20	20.1	101	80-120	
Bromoform	ug/L	20	17.4	87	60-130	
Bromomethane	ug/L	20	20.5	102	50-140	
Carbon disulfide	ug/L	20	22.1	110	75-125	
Carbon tetrachloride	ug/L	20	21.3	106	70-130	
Chlorobenzene	ug/L	20	20.4	102	80-120	
Chloroethane	ug/L	20	19.7	99	70-130	
Chloroform	ug/L	20	19.0	95	75-120	
Chloromethane	ug/L	20	19.7	98	45-145	
cis-1,2-Dichloroethene	ug/L	20	19.8	99	80-120	
cis-1,3-Dichloropropene	ug/L	20	18.9	95	75-125	
Dibromochloromethane	ug/L	20	16.6	83	75-125	
Dibromomethane	ug/L	20	18.5	92	80-120	
Dichlorodifluoromethane	ug/L	20	18.4	92	25-180	
Ethylbenzene	ug/L	20	21.1	105	80-120	
Hexachloro-1,3-butadiene	ug/L	20	19.7	98	65-125	
Isopropylbenzene (Cumene)	ug/L	20	21.7	108	80-125	
Methyl-tert-butyl ether	ug/L	20	20.2	101	75-125	
Methylene Chloride	ug/L	20	20.8	104	70-140	
n-Butylbenzene	ug/L	20	20.7	104	70-125	
n-Propylbenzene	ug/L	20	21.4	107	80-120	
Naphthalene	ug/L	20	16.1	80	60-140	
p-Isopropyltoluene	ug/L	20	21.8	109	80-120	
sec-Butylbenzene	ug/L	20	21.8	109	80-120	
Styrene	ug/L	20	21.7	109	80-120	
tert-Butylbenzene	ug/L	20	21.7	109	80-120	

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QUALITY CONTROL DATA

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

LABORATORY CONTROL SAMPLE: 3187294

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/L	20	18.6	93	80-125	
Toluene	ug/L	20	20.5	103	80-120	
trans-1,2-Dichloroethene	ug/L	20	22.2	111	80-120	
trans-1,3-Dichloropropene	ug/L	20	19.9	99	75-125	
Trichloroethene	ug/L	20	19.9	100	80-125	
Trichlorofluoromethane	ug/L	20	22.0	110	75-125	
Vinyl chloride	ug/L	20	21.0	105	65-140	
Xylene (Total)	ug/L	60	63.0	105	80-120	
1,2-Dichlorobenzene-d4 (S)	%			97	80-120	
4-Bromofluorobenzene (S)	%			100	80-120	
Toluene-d8 (S)	%			99	80-120	

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QUALITY CONTROL DATA

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

QC Batch:	800736	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: 60406776015, 60406776025, 60406776026

METHOD BLANK: 3188145 Matrix: Water

Associated Lab Samples: 60406776015, 60406776025, 60406776026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.084	08/03/22 08:53	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.11	08/03/22 08:53	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.15	08/03/22 08:53	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.14	08/03/22 08:53	
1,1-Dichloroethane	ug/L	ND	1.0	0.12	08/03/22 08:53	
1,1-Dichloroethene	ug/L	ND	1.0	0.22	08/03/22 08:53	
1,1-Dichloropropene	ug/L	ND	1.0	0.14	08/03/22 08:53	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.93	08/03/22 08:53	
1,2,3-Trichloropropane	ug/L	ND	2.5	0.41	08/03/22 08:53	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.73	08/03/22 08:53	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	0.32	08/03/22 08:53	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	0.78	08/03/22 08:53	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.20	08/03/22 08:53	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.12	08/03/22 08:53	
1,2-Dichloroethane	ug/L	ND	1.0	0.21	08/03/22 08:53	
1,2-Dichloroethene (Total)	ug/L	ND	1.0	0.22	08/03/22 08:53	
1,2-Dichloropropane	ug/L	ND	1.0	0.14	08/03/22 08:53	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	0.090	08/03/22 08:53	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.13	08/03/22 08:53	
1,3-Dichloropropane	ug/L	ND	1.0	0.10	08/03/22 08:53	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.13	08/03/22 08:53	
2,2-Dichloropropane	ug/L	ND	1.0	0.16	08/03/22 08:53	
2-Butanone (MEK)	ug/L	ND	10.0	0.98	08/03/22 08:53	
2-Chlorotoluene	ug/L	ND	1.0	0.11	08/03/22 08:53	
2-Hexanone	ug/L	ND	10.0	1.1	08/03/22 08:53	
4-Chlorotoluene	ug/L	ND	1.0	0.15	08/03/22 08:53	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	0.74	08/03/22 08:53	
Acetone	ug/L	ND	10.0	2.5	08/03/22 08:53	
Benzene	ug/L	ND	1.0	0.14	08/03/22 08:53	
Bromobenzene	ug/L	ND	1.0	0.088	08/03/22 08:53	
Bromochloromethane	ug/L	ND	1.0	0.20	08/03/22 08:53	
Bromodichloromethane	ug/L	ND	1.0	0.16	08/03/22 08:53	
Bromoform	ug/L	ND	1.0	0.68	08/03/22 08:53	
Bromomethane	ug/L	ND	5.0	0.46	08/03/22 08:53	
Carbon disulfide	ug/L	ND	5.0	0.98	08/03/22 08:53	
Carbon tetrachloride	ug/L	ND	1.0	0.17	08/03/22 08:53	
Chlorobenzene	ug/L	ND	1.0	0.089	08/03/22 08:53	
Chloroethane	ug/L	ND	1.0	0.37	08/03/22 08:53	
Chloroform	ug/L	ND	1.0	0.22	08/03/22 08:53	
Chloromethane	ug/L	ND	1.0	0.28	08/03/22 08:53	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

METHOD BLANK: 3188145

Matrix: Water

Associated Lab Samples: 60406776015, 60406776025, 60406776026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.13	08/03/22 08:53	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.078	08/03/22 08:53	
Dibromochloromethane	ug/L	ND	1.0	0.30	08/03/22 08:53	
Dibromomethane	ug/L	ND	1.0	0.11	08/03/22 08:53	
Dichlorodifluoromethane	ug/L	ND	1.0	0.20	08/03/22 08:53	
Ethylbenzene	ug/L	ND	1.0	0.12	08/03/22 08:53	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	0.42	08/03/22 08:53	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	0.097	08/03/22 08:53	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.13	08/03/22 08:53	
Methylene Chloride	ug/L	ND	1.0	0.39	08/03/22 08:53	
n-Butylbenzene	ug/L	ND	1.0	0.15	08/03/22 08:53	
n-Propylbenzene	ug/L	ND	1.0	0.12	08/03/22 08:53	
Naphthalene	ug/L	1.2J	10.0	0.82	08/03/22 08:53	
p-Isopropyltoluene	ug/L	ND	1.0	0.13	08/03/22 08:53	
sec-Butylbenzene	ug/L	ND	1.0	0.11	08/03/22 08:53	
Styrene	ug/L	ND	1.0	0.12	08/03/22 08:53	
tert-Butylbenzene	ug/L	ND	1.0	0.12	08/03/22 08:53	
Tetrachloroethene	ug/L	ND	1.0	0.33	08/03/22 08:53	
Toluene	ug/L	ND	1.0	0.25	08/03/22 08:53	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.10	08/03/22 08:53	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.18	08/03/22 08:53	
Trichloroethene	ug/L	ND	1.0	0.21	08/03/22 08:53	
Trichlorofluoromethane	ug/L	ND	1.0	0.16	08/03/22 08:53	
Vinyl chloride	ug/L	ND	1.0	0.17	08/03/22 08:53	
Xylene (Total)	ug/L	ND	3.0	0.28	08/03/22 08:53	
1,2-Dichlorobenzene-d4 (S)	%	97	80-120		08/03/22 08:53	
4-Bromofluorobenzene (S)	%	96	80-120		08/03/22 08:53	
Toluene-d8 (S)	%	98	80-120		08/03/22 08:53	

LABORATORY CONTROL SAMPLE: 3188146

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.1	105	80-120	
1,1,1-Trichloroethane	ug/L	20	20.7	104	75-125	
1,1,2,2-Tetrachloroethane	ug/L	20	20.6	103	80-120	
1,1,2-Trichloroethane	ug/L	20	19.2	96	80-120	
1,1-Dichloroethane	ug/L	20	20.2	101	75-120	
1,1-Dichloroethene	ug/L	20	22.5	113	75-120	
1,1-Dichloropropene	ug/L	20	20.3	102	75-125	
1,2,3-Trichlorobenzene	ug/L	20	16.4	82	60-135	
1,2,3-Trichloropropane	ug/L	20	19.3	96	75-120	
1,2,4-Trichlorobenzene	ug/L	20	16.8	84	65-130	
1,2,4-Trimethylbenzene	ug/L	20	21.3	107	80-120	
1,2-Dibromo-3-chloropropane	ug/L	20	16.2	81	65-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

LABORATORY CONTROL SAMPLE: 3188146

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	20	20.6	103	80-120	
1,2-Dichlorobenzene	ug/L	20	21.1	105	80-120	
1,2-Dichloroethane	ug/L	20	21.1	105	80-120	
1,2-Dichloroethene (Total)	ug/L	40	44.0	110	80-120	
1,2-Dichloropropane	ug/L	20	20.9	105	80-120	
1,3,5-Trimethylbenzene	ug/L	20	21.6	108	75-120	
1,3-Dichlorobenzene	ug/L	20	21.3	107	80-120	
1,3-Dichloropropane	ug/L	20	20.0	100	80-120	
1,4-Dichlorobenzene	ug/L	20	21.0	105	80-120	
2,2-Dichloropropane	ug/L	20	22.0	110	55-135	
2-Butanone (MEK)	ug/L	100	111	111	50-155	
2-Chlorotoluene	ug/L	20	21.6	108	80-120	
2-Hexanone	ug/L	100	102	102	55-145	
4-Chlorotoluene	ug/L	20	22.1	110	80-120	
4-Methyl-2-pentanone (MIBK)	ug/L	100	109	109	70-130	
Acetone	ug/L	100	108	108	35-160	
Benzene	ug/L	20	21.2	106	80-120	
Bromobenzene	ug/L	20	20.5	102	80-120	
Bromochloromethane	ug/L	20	20.5	103	80-120	
Bromodichloromethane	ug/L	20	20.4	102	80-120	
Bromoform	ug/L	20	17.6	88	60-130	
Bromomethane	ug/L	20	18.0	90	50-140	
Carbon disulfide	ug/L	20	22.7	114	75-125	
Carbon tetrachloride	ug/L	20	20.8	104	70-130	
Chlorobenzene	ug/L	20	21.3	106	80-120	
Chloroethane	ug/L	20	20.3	102	70-130	
Chloroform	ug/L	20	20.0	100	75-120	
Chloromethane	ug/L	20	18.2	91	45-145	
cis-1,2-Dichloroethene	ug/L	20	21.1	105	80-120	
cis-1,3-Dichloropropene	ug/L	20	19.0	95	75-125	
Dibromochloromethane	ug/L	20	16.8	84	75-125	
Dibromomethane	ug/L	20	18.9	94	80-120	
Dichlorodifluoromethane	ug/L	20	17.3	87	25-180	
Ethylbenzene	ug/L	20	21.1	105	80-120	
Hexachloro-1,3-butadiene	ug/L	20	19.8	99	65-125	
Isopropylbenzene (Cumene)	ug/L	20	22.3	112	80-125	
Methyl-tert-butyl ether	ug/L	20	21.3	106	75-125	
Methylene Chloride	ug/L	20	22.2	111	70-140	
n-Butylbenzene	ug/L	20	21.6	108	70-125	
n-Propylbenzene	ug/L	20	21.5	107	80-120	
Naphthalene	ug/L	20	16.0	80	60-140	
p-Isopropyltoluene	ug/L	20	22.1	110	80-120	
sec-Butylbenzene	ug/L	20	21.5	108	80-120	
Styrene	ug/L	20	22.8	114	80-120	
tert-Butylbenzene	ug/L	20	21.1	106	80-120	
Tetrachloroethene	ug/L	20	19.1	95	80-125	
Toluene	ug/L	20	21.0	105	80-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

LABORATORY CONTROL SAMPLE: 3188146

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	20	22.9	115	80-120	
trans-1,3-Dichloropropene	ug/L	20	20.4	102	75-125	
Trichloroethene	ug/L	20	20.5	103	80-125	
Trichlorofluoromethane	ug/L	20	22.7	113	75-125	
Vinyl chloride	ug/L	20	21.7	108	65-140	
Xylene (Total)	ug/L	60	64.3	107	80-120	
1,2-Dichlorobenzene-d4 (S)	%			100	80-120	
4-Bromofluorobenzene (S)	%			97	80-120	
Toluene-d8 (S)	%			99	80-120	

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QUALITY CONTROL DATA

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

QC Batch: 800354

Analysis Method: EPA 8015C

QC Batch Method: EPA 3511

Analysis Description: EPA 8015C

Laboratory: Pace Analytical Services - Kansas City

Associated Lab Samples: 60406776013

METHOD BLANK: 3186993

Matrix: Water

Associated Lab Samples: 60406776013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
HRH (C19-C35)	mg/L	ND	0.20	0.11	08/02/22 17:55	
MRH (C9-C18)	mg/L	ND	0.060	0.056	08/02/22 17:55	
1-Chloro-octadecane (S)	%	93	40-140		08/02/22 17:55	

LABORATORY CONTROL SAMPLE & LCSD: 3186994

3186995

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
HRH (C19-C35)	mg/L	0.23	ND	ND	48	47	40-140		25	
MRH (C9-C18)	mg/L	0.17	0.17	0.17	97	100	40-140	2	25	
1-Chloro-octadecane (S)	%				51	50	40-140			

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QUALITY CONTROL DATA

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

QC Batch: 800374

Analysis Method: EPA 8015C

QC Batch Method: EPA 3511

Analysis Description: EPA 8015C

Laboratory: Pace Analytical Services - Kansas City

Associated Lab Samples: 60406776022

METHOD BLANK: 3187035

Matrix: Water

Associated Lab Samples: 60406776022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
HRH (C19-C35)	mg/L	ND	0.20	0.11	08/03/22 11:30	
MRH (C9-C18)	mg/L	ND	0.060	0.055	08/03/22 11:30	
1-Chloro-octadecane (S)	%	86	40-140		08/03/22 11:30	

LABORATORY CONTROL SAMPLE & LCSD: 3187036

3187037

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
HRH (C19-C35)	mg/L	0.23	0.20J	0.23	86	102	40-140		25	
MRH (C9-C18)	mg/L	0.17	0.12	0.13	73	75	40-140	4	25	
1-Chloro-octadecane (S)	%				83	88	40-140			

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QUALITY CONTROL DATA

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

QC Batch: 800353

Analysis Method: EPA 8270C By SIM

QC Batch Method: EPA 3511

Analysis Description: 8270 Water PAH by SIM MSSV

Laboratory: Pace Analytical Services - Kansas City

Associated Lab Samples: 60406776013, 60406776022

METHOD BLANK: 3186991

Matrix: Water

Associated Lab Samples: 60406776013, 60406776022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Naphthalene	ug/L	ND	0.50	0.085	08/03/22 17:42	
2-Fluorobiphenyl (S)	%	90	41-138		08/03/22 17:42	
Terphenyl-d14 (S)	%	97	41-155		08/03/22 17:42	

LABORATORY CONTROL SAMPLE: 3186992

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	2.5	2.6	103	28-158	
2-Fluorobiphenyl (S)	%			95	41-138	
Terphenyl-d14 (S)	%			104	41-155	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

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: 800426

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

Batch: 800501

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

Batch: 800736

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

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

pH Post-analysis pH measurement indicates insufficient VOA sample preservation.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: RACER FAIRFAX WATERS

Pace Project No.: 60406776

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60406776013	WG-072522-NL-003	EPA 3511	800354	EPA 8015C	800445
60406776022	WG-072722-NL-012	EPA 3511	800374	EPA 8015C	800733
60406776013	WG-072522-NL-003	KS LRH: EPA 5030B/8015C	800355		
60406776022	WG-072722-NL-012	KS LRH: EPA 5030B/8015C	800479		
60406776013	WG-072522-NL-003	EPA 3511	800353	EPA 8270C By SIM	800943
60406776022	WG-072722-NL-012	EPA 3511	800353	EPA 8270C By SIM	800943
60406776001	WG-072522-PL-001	EPA 5030B/8260	800426		
60406776002	WG-072522-PL-002	EPA 5030B/8260	800426		
60406776003	WG-072522-PL-003	EPA 5030B/8260	800426		
60406776004	WG-072522-PL-004	EPA 5030B/8260	800426		
60406776005	WG-072622-PL-005	EPA 5030B/8260	800426		
60406776006	WG-072622-PL-006	EPA 5030B/8260	800426		
60406776007	WG-072622-PL-007	EPA 5030B/8260	800426		
60406776008	WG-072622-PL-008	EPA 5030B/8260	800426		
60406776009	WG-072622-PL-009	EPA 5030B/8260	800426		
60406776010	WG-072622-PL-010	EPA 5030B/8260	800426		
60406776011	WG-072522-NL-001	EPA 5030B/8260	800426		
60406776012	WG-072522-NL-002	EPA 5030B/8260	800426		
60406776013	WG-072522-NL-003	EPA 5030B/8260	800426		
60406776014	WG-072622-NL-004	EPA 5030B/8260	800426		
60406776015	WG-072622-NL-005	EPA 5030B/8260	800736		
60406776016	WG-072622-NL-006	EPA 5030B/8260	800501		
60406776017	WG-072622-NL-007	EPA 5030B/8260	800501		
60406776018	WG-072622-NL-008	EPA 5030B/8260	800501		
60406776019	WG-072622-NL-009	EPA 5030B/8260	800501		
60406776020	WG-072722-NL-010	EPA 5030B/8260	800501		
60406776021	WG-072722-NL-011	EPA 5030B/8260	800501		
60406776022	WG-072722-NL-012	EPA 5030B/8260	800501		
60406776023	WG-072722-NL-013	EPA 5030B/8260	800501		
60406776024	WG-072822-NL-014	EPA 5030B/8260	800501		
60406776025	WG-072822-NL-015	EPA 5030B/8260	800736		
60406776026	WG-072822-NL-016	EPA 5030B/8260	800736		
60406776027	TRIP BLANK	EPA 5030B/8260	800426		

REPORT OF LABORATORY ANALYSIS

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WO#: 60406776



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

Revision: 2

Effective Date: 01/12/2022

Issued By: Lenexa

Client Name: G4D ServicesCourier: 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 ☒ 2 pc, boxThermometer Used: T-301 Type of Ice: Wet Blue ☐ None ☐Cooler Temperature (°C): As-read 2.4 Corr. Factor 1.0 Corrected 1.4Date and initials of person examining contents: 07-29-2022Temperature should be above freezing to 6°C 2.5

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	NL-007 says 12 vials
Pace containers used:	☒ Yes ☐ No ☐ N/A	We have 9 received 3 vials
Containers intact:	☒ Yes ☐ No ☐ N/A	with no labels
Unpreserved 5035A / TX1005/1006 soils frozen in 48hrs?	☐ Yes ☐ No ☒ N/A	11.7.29.22
Filtered volume received for dissolved tests?	☐ Yes ☐ No ☒ N/A	COC reads 12 NL-12
Sample labels match COC: Date / time / ID / analyses	☐ Yes ☒ No ☐ N/A	Containers read NL-11
Samples contain multiple phases? Matrix:	☒ Yes ☐ No ☐ N/A	Time matches NL 12
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) LOT#:	☐ 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	2 V69H in 2nd cooler
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: _____

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at <https://info.pacelabs.com/hubfs/pas-standard-terms.pdf>.

Section A

Required Client Information:

Company: GHD Services_KS
Address: 1504 SW 41ST ST
Topeka, KS 66609
Email: nick.laskares@ghd.com
Phone: 785-783-8982 Fax
Requested Due Date:

Section B

Required Project Information:

Report To: LASKARES, NICK
Copy To:
Purchase Order #:
Project Name: RACER FAIRFAX 12559A-2021-001
Project #:

Section C

Invoice Information:

Attention:
Company Name:
Address:
Pace Quote:
Pace Project Manager: nolie.wood@pacelabs.com
Pace Profile #: 9403 soil, 8673 water

Page : 2 of 3

Regulatory Agency

State / Location

KS

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique	MATRIX Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissue	CODE DW WT WW P SL OL WP AR OT TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Y/N	Requested Analysis Filtered (Y/N)														Residual Chlorine (Y/N)					
						START		END				Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other		Analyses Test	Y/N	TCLP SVOC	TCLP VOC	TCLP Metals	Flashpoint; pH	Trip BLANK	Cyanide	Sulfide	8260 Full List	8765 LPH	KS NRH/HRH	8270 napn							
						DATE	TIME	DATE	TIME																															
1	WG-072522-NL-003					7/15	1740				12				X												X	X	X	X										
2	WG-072622-NL-004					7/26	1220				9				X												X	X	X											
3	WG-072622-NL-005						1245				9				X												X	X	X											
4	WG-072622-NL-006						1415				9				X												X	X	X											
5	WG-072622-NL-007						1545				9				X												X	X	X											
6	WG-072622-NL-008						1750				9				X												X	X	X											
7	WG-072622-NL-009						1840				9				X												X	X	X											
8	WG-072722-NL-010					7/27	1000				9				X												X	X	X											
9	WG-072722-NL-011						1115				9				X												X	X	X											
10	WG-072722-NL-012						1225				12				X												X	X	X	X										
11	WG-072722-NL-013						1425				9				X												X	X	X											
12	WG-072822-NL-014					7/28	1005				9				X												X	X	X											

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS			
		11/8/20		7/28	10:30	11/8/20		7/28/22	635	1.4	Y	N	Y
										1.5	↓	↓	↓

SAMPLER NAME AND SIGNATURE		TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:					
SIGNATURE of SAMPLER:					
11/8/20					
7/28/22					



**CONESTOGA-ROVERS
& ASSOCIATES**

CHAIN OF CUSTODY RECORD

Address: _____

Phone: _____ Fax: _____

COC NO.: 45744

PAGE 3 OF 3

60406746 (See Reverse Side for Instructions)

Project No/ Phase/Task Code: P2572652				Laboratory Name:				Lab Location:				SSOW ID:							
Project Name: RACER FAIRFAX				Lab Contact:				Lab Quote No:				Cooler No:							
Project Location:				SAMPLE TYPE		CONTAINER QUANTITY & PRESERVATION						ANALYSIS REQUESTED (See Back of COC for Definitions)				Carrier:			
Chemistry Contact:				Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO ₃)	Sulfuric Acid (H ₂ SO ₄)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	MS/MSD Request	Airbill No:			
Sampler(s):																Date Shipped:			
Item	SAMPLE IDENTIFICATION (Containers for each sample may be combined on one line)			DATE (mm/dd/yy)	TIME (hh:mm)														
2 1	WG-072822-NL-015			7/28	1105	G	X												
2 2	WG-072822-NL-016			7/28	15:15	G	X												
2 3	TRIP BLANK			7/28	00:00		X												
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			

TAT Required in business days (use separate COCs for different TATs):				Total Number of Containers:		Notes/ Special Requirements:			
☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☐ 2 Week ☐ Other:				All Samples in Cooler must be on COC					

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
1.				1.	GATD	7/28/22	1635
2.				2.		7-28-22	1635
3.							

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT - ALL FIELDS MUST BE COMPLETED ACCURATELY

10 of 3 Client: GHB Services

Profile # _____

Site: Racer Fairfax

Notes log xtra sample at End for Hold

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

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 unres 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:

60406776

2013

Client: GHD Services
Site: Ruler Fairfax

Profile # _____
Notes: cont. correct

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	61 9		9																														
2			9																														
3			9																														
4			9																														
5			9																														
6			9																														
7			9																														
8			9																														
9			9																														
10			12																														
11			9																														
12			9																														

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 unres 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:

60406776

Client: GHD Services
Site: Racer fairfax

Profile # _____

Notes log extra for 7/15 at 08:00

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	gr		5																														
2	gr		0																														
3	wt	2																															
4	wt		3																														
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	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 plstic		

Work Order Number:

60406776

September 19, 2022

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

RE: Project: RACER FAIRFAX
Pace Project No.: 60407103

Dear Travis Kogl:

Enclosed are the analytical results for sample(s) received by the laboratory on August 03, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Kansas City

REVISED 9/19/22 correct reportable compound list.

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

Sincerely,



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

Enclosures

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



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: RACER FAIRFAX

Pace Project No.: 60407103

Pace Analytical Services Kansas

9608 Loiret Boulevard, Lenexa, KS 66219

Missouri Inorganic Drinking Water Certification #: 10090

Arkansas Drinking Water

Arkansas Certification #: 22-031-0

Arkansas Drinking Water

Illinois Certification #: 2000302021-3

Iowa Certification #: 118

Kansas/NELAP Certification #: E-10116

Louisiana Certification #: 03055

Nevada Certification #: KS000212020-2

Oklahoma Certification #: 9205/9935

Florida: Cert E871149 SEKS WET

Texas Certification #: T104704407-21-15

Utah Certification #: KS000212019-9

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

Pace Project No.: 60407103

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60407103001	WG-080222-NL-015	Water	08/02/22 10:15	08/03/22 10:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: RACER FAIRFAX

Pace Project No.: 60407103

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60407103001	WG-080222-NL-015	EPA 5030B/8260	HM1	69	PASI-K

PASI-K = Pace Analytical Services - Kansas City

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RACER FAIRFAX

Pace Project No.: 60407103

Sample: **WG-080222-NL-015** Lab ID: **60407103001** Collected: 08/02/22 10:15 Received: 08/03/22 10:00 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		08/08/22 21:52	67-64-1	
Benzene	0.20J	ug/L	1.0	0.14	1		08/08/22 21:52	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.088	1		08/08/22 21:52	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.20	1		08/08/22 21:52	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		08/08/22 21:52	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		08/08/22 21:52	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		08/08/22 21:52	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		08/08/22 21:52	78-93-3	
n-Butylbenzene	0.23J	ug/L	1.0	0.15	1		08/08/22 21:52	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.11	1		08/08/22 21:52	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.12	1		08/08/22 21:52	98-06-6	
Carbon disulfide	ND	ug/L	5.0	0.98	1		08/08/22 21:52	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		08/08/22 21:52	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		08/08/22 21:52	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		08/08/22 21:52	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		08/08/22 21:52	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		08/08/22 21:52	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.11	1		08/08/22 21:52	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.15	1		08/08/22 21:52	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		08/08/22 21:52	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		08/08/22 21:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		08/08/22 21:52	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.11	1		08/08/22 21:52	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		08/08/22 21:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/08/22 21:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		08/08/22 21:52	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		08/08/22 21:52	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		08/08/22 21:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		08/08/22 21:52	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	1.0	0.22	1		08/08/22 21:52	540-59-0	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		08/08/22 21:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		08/08/22 21:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		08/08/22 21:52	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		08/08/22 21:52	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.10	1		08/08/22 21:52	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.16	1		08/08/22 21:52	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.14	1		08/08/22 21:52	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		08/08/22 21:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		08/08/22 21:52	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		08/08/22 21:52	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.42	1		08/08/22 21:52	87-68-3	
2-Hexanone	ND	ug/L	10.0	1.1	1		08/08/22 21:52	591-78-6	
Isopropylbenzene (Cumene)	0.28J	ug/L	1.0	0.097	1		08/08/22 21:52	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.13	1		08/08/22 21:52	99-87-6	
Methylene Chloride	ND	ug/L	1.0	0.39	1		08/08/22 21:52	75-09-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RACER FAIRFAX

Pace Project No.: 60407103

Sample: WG-080222-NL-015		Lab ID: 60407103001		Collected: 08/02/22 10:15		Received: 08/03/22 10:00		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		08/08/22 21:52	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		08/08/22 21:52	1634-04-4	
Naphthalene	ND	ug/L	10.0	0.82	1		08/08/22 21:52	91-20-3	
n-Propylbenzene	0.63J	ug/L	1.0	0.12	1		08/08/22 21:52	103-65-1	
Styrene	ND	ug/L	1.0	0.12	1		08/08/22 21:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.084	1		08/08/22 21:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		08/08/22 21:52	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		08/08/22 21:52	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		08/08/22 21:52	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.93	1		08/08/22 21:52	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		08/08/22 21:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		08/08/22 21:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		08/08/22 21:52	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		08/08/22 21:52	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		08/08/22 21:52	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.41	1		08/08/22 21:52	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.32	1		08/08/22 21:52	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.090	1		08/08/22 21:52	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.17	1		08/08/22 21:52	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		08/08/22 21:52	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120		1		08/08/22 21:52	460-00-4	
Toluene-d8 (S)	94	%	80-120		1		08/08/22 21:52	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120		1		08/08/22 21:52	2199-69-1	
Preservation pH	1.0		0.10		1		08/08/22 21:52		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX

Pace Project No.: 60407103

QC Batch: 801581

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: 60407103001

METHOD BLANK: 3191153

Matrix: Water

Associated Lab Samples: 60407103001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.084	08/08/22 19:12	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.11	08/08/22 19:12	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.15	08/08/22 19:12	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.14	08/08/22 19:12	
1,1-Dichloroethane	ug/L	ND	1.0	0.12	08/08/22 19:12	
1,1-Dichloroethene	ug/L	ND	1.0	0.22	08/08/22 19:12	
1,1-Dichloropropene	ug/L	ND	1.0	0.14	08/08/22 19:12	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.93	08/08/22 19:12	
1,2,3-Trichloropropane	ug/L	ND	2.5	0.41	08/08/22 19:12	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.73	08/08/22 19:12	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	0.32	08/08/22 19:12	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	0.78	08/08/22 19:12	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.20	08/08/22 19:12	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.12	08/08/22 19:12	
1,2-Dichloroethane	ug/L	ND	1.0	0.21	08/08/22 19:12	
1,2-Dichloroethene (Total)	ug/L	ND	1.0	0.22	08/08/22 19:12	
1,2-Dichloropropane	ug/L	ND	1.0	0.14	08/08/22 19:12	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	0.090	08/08/22 19:12	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.13	08/08/22 19:12	
1,3-Dichloropropane	ug/L	ND	1.0	0.10	08/08/22 19:12	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.13	08/08/22 19:12	
2,2-Dichloropropane	ug/L	ND	1.0	0.16	08/08/22 19:12	
2-Butanone (MEK)	ug/L	ND	10.0	0.98	08/08/22 19:12	
2-Chlorotoluene	ug/L	ND	1.0	0.11	08/08/22 19:12	
2-Hexanone	ug/L	ND	10.0	1.1	08/08/22 19:12	
4-Chlorotoluene	ug/L	ND	1.0	0.15	08/08/22 19:12	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	0.74	08/08/22 19:12	
Acetone	ug/L	ND	10.0	2.5	08/08/22 19:12	
Benzene	ug/L	ND	1.0	0.14	08/08/22 19:12	
Bromobenzene	ug/L	ND	1.0	0.088	08/08/22 19:12	
Bromochloromethane	ug/L	ND	1.0	0.20	08/08/22 19:12	
Bromodichloromethane	ug/L	ND	1.0	0.16	08/08/22 19:12	
Bromoform	ug/L	ND	1.0	0.68	08/08/22 19:12	
Bromomethane	ug/L	ND	5.0	0.46	08/08/22 19:12	
Carbon disulfide	ug/L	ND	5.0	0.98	08/08/22 19:12	
Carbon tetrachloride	ug/L	ND	1.0	0.17	08/08/22 19:12	
Chlorobenzene	ug/L	ND	1.0	0.089	08/08/22 19:12	
Chloroethane	ug/L	ND	1.0	0.37	08/08/22 19:12	
Chloroform	ug/L	ND	1.0	0.22	08/08/22 19:12	
Chloromethane	ug/L	ND	1.0	0.28	08/08/22 19:12	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX

Pace Project No.: 60407103

METHOD BLANK: 3191153

Matrix: Water

Associated Lab Samples: 60407103001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.13	08/08/22 19:12	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.078	08/08/22 19:12	
Dibromochloromethane	ug/L	ND	1.0	0.30	08/08/22 19:12	
Dibromomethane	ug/L	ND	1.0	0.11	08/08/22 19:12	
Dichlorodifluoromethane	ug/L	ND	1.0	0.20	08/08/22 19:12	
Ethylbenzene	ug/L	ND	1.0	0.12	08/08/22 19:12	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	0.42	08/08/22 19:12	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	0.097	08/08/22 19:12	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.13	08/08/22 19:12	
Methylene Chloride	ug/L	ND	1.0	0.39	08/08/22 19:12	
n-Butylbenzene	ug/L	ND	1.0	0.15	08/08/22 19:12	
n-Propylbenzene	ug/L	ND	1.0	0.12	08/08/22 19:12	
Naphthalene	ug/L	ND	10.0	0.82	08/08/22 19:12	
p-Isopropyltoluene	ug/L	ND	1.0	0.13	08/08/22 19:12	
sec-Butylbenzene	ug/L	ND	1.0	0.11	08/08/22 19:12	
Styrene	ug/L	ND	1.0	0.12	08/08/22 19:12	
tert-Butylbenzene	ug/L	ND	1.0	0.12	08/08/22 19:12	
Tetrachloroethene	ug/L	ND	1.0	0.33	08/08/22 19:12	
Toluene	ug/L	ND	1.0	0.25	08/08/22 19:12	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.10	08/08/22 19:12	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.18	08/08/22 19:12	
Trichloroethene	ug/L	ND	1.0	0.21	08/08/22 19:12	
Trichlorofluoromethane	ug/L	ND	1.0	0.16	08/08/22 19:12	
Vinyl chloride	ug/L	ND	1.0	0.17	08/08/22 19:12	
Xylene (Total)	ug/L	ND	3.0	0.28	08/08/22 19:12	
1,2-Dichlorobenzene-d4 (S)	%	100	80-120		08/08/22 19:12	
4-Bromofluorobenzene (S)	%	96	80-120		08/08/22 19:12	
Toluene-d8 (S)	%	94	80-120		08/08/22 19:12	

LABORATORY CONTROL SAMPLE: 3191154

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.1	101	80-120	
1,1,1-Trichloroethane	ug/L	20	22.2	111	75-125	
1,1,2,2-Tetrachloroethane	ug/L	20	18.5	92	80-120	
1,1,2-Trichloroethane	ug/L	20	21.1	106	80-120	
1,1-Dichloroethane	ug/L	20	21.5	107	75-120	
1,1-Dichloroethene	ug/L	20	17.4	87	75-120	
1,1-Dichloropropene	ug/L	20	21.9	110	75-125	
1,2,3-Trichlorobenzene	ug/L	20	18.0	90	60-135	
1,2,3-Trichloropropane	ug/L	20	19.1	96	75-120	
1,2,4-Trichlorobenzene	ug/L	20	18.2	91	65-130	
1,2,4-Trimethylbenzene	ug/L	20	18.7	94	80-120	
1,2-Dibromo-3-chloropropane	ug/L	20	18.1	91	65-130	

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QUALITY CONTROL DATA

Project: RACER FAIRFAX

Pace Project No.: 60407103

LABORATORY CONTROL SAMPLE: 3191154

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	20	20.4	102	80-120	
1,2-Dichlorobenzene	ug/L	20	19.5	98	80-120	
1,2-Dichloroethane	ug/L	20	22.5	113	80-120	
1,2-Dichloroethene (Total)	ug/L	40	42.8	107	80-120	
1,2-Dichloropropane	ug/L	20	21.8	109	80-120	
1,3,5-Trimethylbenzene	ug/L	20	18.9	95	75-120	
1,3-Dichlorobenzene	ug/L	20	19.5	98	80-120	
1,3-Dichloropropane	ug/L	20	20.6	103	80-120	
1,4-Dichlorobenzene	ug/L	20	19.3	96	80-120	
2,2-Dichloropropane	ug/L	20	19.0	95	55-135	
2-Butanone (MEK)	ug/L	100	126	126	50-155	
2-Chlorotoluene	ug/L	20	19.1	95	80-120	
2-Hexanone	ug/L	100	109	109	55-145	
4-Chlorotoluene	ug/L	20	19.5	97	80-120	
4-Methyl-2-pentanone (MIBK)	ug/L	100	107	107	70-130	
Acetone	ug/L	100	90.4	90	35-160	
Benzene	ug/L	20	22.4	112	80-120	
Bromobenzene	ug/L	20	19.6	98	80-120	
Bromochloromethane	ug/L	20	22.5	112	80-120	
Bromodichloromethane	ug/L	20	21.9	110	80-120	
Bromoform	ug/L	20	20.0	100	60-130	
Bromomethane	ug/L	20	13.6	68	50-140	
Carbon disulfide	ug/L	20	17.6	88	75-125	
Carbon tetrachloride	ug/L	20	22.2	111	70-130	
Chlorobenzene	ug/L	20	20.7	103	80-120	
Chloroethane	ug/L	20	16.2	81	70-130	
Chloroform	ug/L	20	22.4	112	75-120	
Chloromethane	ug/L	20	13.5	68	45-145	
cis-1,2-Dichloroethene	ug/L	20	22.0	110	80-120	
cis-1,3-Dichloropropene	ug/L	20	21.3	107	75-125	
Dibromochloromethane	ug/L	20	20.5	103	75-125	
Dibromomethane	ug/L	20	21.9	110	80-120	
Dichlorodifluoromethane	ug/L	20	21.1	106	25-180	
Ethylbenzene	ug/L	20	20.3	101	80-120	
Hexachloro-1,3-butadiene	ug/L	20	16.4	82	65-125	
Isopropylbenzene (Cumene)	ug/L	20	20.2	101	80-125	
Methyl-tert-butyl ether	ug/L	20	20.8	104	75-125	
Methylene Chloride	ug/L	20	16.5	83	70-140	
n-Butylbenzene	ug/L	20	18.3	91	70-125	
n-Propylbenzene	ug/L	20	19.2	96	80-120	
Naphthalene	ug/L	20	18.1	90	60-140	
p-Isopropyltoluene	ug/L	20	18.7	94	80-120	
sec-Butylbenzene	ug/L	20	18.9	95	80-120	
Styrene	ug/L	20	21.1	105	80-120	
tert-Butylbenzene	ug/L	20	21.6	108	80-120	
Tetrachloroethene	ug/L	20	21.7	108	80-125	
Toluene	ug/L	20	19.8	99	80-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RACER FAIRFAX

Pace Project No.: 60407103

LABORATORY CONTROL SAMPLE: 3191154

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,2-Dichloroethene	ug/L	20	20.8	104	80-120	
trans-1,3-Dichloropropene	ug/L	20	19.0	95	75-125	
Trichloroethene	ug/L	20	23.5	118	80-125	
Trichlorofluoromethane	ug/L	20	18.0	90	75-125	
Vinyl chloride	ug/L	20	17.2	86	65-140	
Xylene (Total)	ug/L	60	60.2	100	80-120	
1,2-Dichlorobenzene-d4 (S)	%			100	80-120	
4-Bromofluorobenzene (S)	%			98	80-120	
Toluene-d8 (S)	%			95	80-120	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: RACER FAIRFAX

Pace Project No.: 60407103

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.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: RACER FAIRFAX

Pace Project No.: 60407103

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60407103001	WG-080222-NL-015	EPA 5030B/8260	801581		

REPORT OF LABORATORY ANALYSIS

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WO#: 60407103



DC#_Title: ENV-FRM-LENE-01

Revision: 2

Effective Date: 01/12/2022

Issued By: Lenexa

Client Name:

ConestogaCourier: 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: 1301 Type of Ice: Wet Blue ☐ None ☐Cooler Temperature (°C): As-read 1.1 Corr. Factor -1.0 Corrected 0.1Date and initials of person
examining contents: SM 8/3/22

Temperature should be above freezing to 6°C

Chain of Custody present:	☒ Yes ☐ No ☐ N/A	
Chain of Custody relinquished:	☒ Yes ☐ No ☐ N/A	
Samples arrived within holding time:	☒ Yes ☐ No ☐ N/A	
Short Hold Time analyses (<72hr):	☐ Yes ☒ No ☐ N/A	
Rush Turn Around Time requested:	☐ Yes ☒ No ☐ N/A	
Sufficient volume:	☒ Yes ☐ No ☐ N/A	
Correct containers used:	☒ Yes ☐ No ☐ N/A	
Pace containers used:	☒ Yes ☐ No ☐ N/A	
Containers intact:	☒ Yes ☐ No ☐ N/A	
Unpreserved 5035A / TX1005/1006 soils frozen in 48hrs?	☐ Yes ☐ No ☒ N/A	
Filtered volume received for dissolved tests?	☐ Yes ☐ No ☒ N/A	
Sample labels match COC: Date / time / ID / analyses	☒ Yes ☐ No ☐ N/A	
Samples contain multiple phases? Matrix: <u>WT</u>	☐ 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) LOT#:	☐ 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:



COC NO.: 45745

Address: _____

(See Reverse Side for Instructions)

Distribution:
 WHITE — Fully Executed Copy (CRA)
 YELLOW — Receiving Laboratory Copy
 PINK — Shipper
 GOLDENROD — Sampling Crew

CRA Form: COC-10B (2011-10R04)

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT – ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution:

WHITE	Fully Executed Copy (CRA)
YELLOW	Receiving Laboratory Copy
PINK	Shipper
GOLDENROD	Sampling Crew

CRA Form: COC-10B (20110804)

Appendix C

Reduced Data Validation Memo

Technical Memorandum

17 August 2022

Revision: 22 September 2022

To	Travis Kogl		
Copy to	Angela Bown, Nick Laskares, Jeremy Raye		
From	Chris G. Knight/eew/1-NF	Tel	512 506 8803
Subject	Analytical Results and Reduced Validation Annual Groundwater Monitoring RACER Trust/RACER Fairfax Kansas City, Kansas July-August 2022	Project no.	12572652

1. Introduction

This document details a reduced validation of analytical results for groundwater samples collected in support of the Annual Groundwater Monitoring at the RACER Trust/RACER Fairfax site during July-August 2022. Samples were submitted to Pace Analytical Services, LLC, located in Lenexa, Kansas and are reported in data packages 60406776 and 60407103. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

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

1. "National Functional Guidelines for Organic Superfund Methods Data Review", USEPA 540R20005, November 2020.

Item 1 will subsequently be referred to as the "Guidelines" in this Memorandum.

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).

- i) Post-analysis pH measurement for VOCs analysis indicated insufficient sample preservation for WG-072722-NL-013. This sample was analyzed within the 7 day holding time allowed for samples with pH >2. No further action was required.

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 20 investigative samples and/or 1 per analytical batch.

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation with the following exceptions:

- i) Several method blanks yielded low-level detections for the following compounds: 1,2,4-trichlorobenzene, hexachloro-1,3-butadiene, and/or naphthalene. All associated sample results were non-detect and were not affected. No further action was required.

4. Surrogate Spike Recoveries

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

All samples submitted for volatile organic compounds (VOCs), naphthalene, and total petroleum hydrocarbons (TPH), determinations were spiked with the appropriate number of surrogate compounds prior to sample extraction and/or analysis.

Each individual surrogate compound is expected to meet the laboratory (method) control limits with the exception of semi-volatile organic compound (SVOCs) analyses. According to the "Guidelines" for SVOCs analyses, up to one outlying surrogate in the base/neutral or acid fractions is acceptable as long as the recovery is at least 10 percent.

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 20 investigative samples and/or 1 per analytical batch.

The LCS or LCS/LCSD contained all compounds specified in the methods. All LCS recoveries and RPDs were within the laboratory control limits, demonstrating acceptable analytical accuracy and/or precision (where applicable).

6. Matrix Spike Analyses

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

The laboratory performed MS/MSD analyses on non-site samples. These cannot be used to assess accuracy and precision for the site samples.

7. Field QA/QC Samples

The field QA/QC consisted of 1 trip blank sample and 1 field duplicate sample set.

Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, 1 trip blank sample was submitted to the laboratory for VOCs analysis. All results were non-detect for the compounds of interest.

Field Duplicate Sample Analysis

To assess the analytical and sampling protocol precision, 1 field duplicate sample set was 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. The RPDs are only used when sample concentrations are above the estimated regions of detection.

Field duplicate summary data are presented in Table 2. All field duplicate results were within acceptable agreement, demonstrating acceptable sampling and analytical precision.

8. Analyte Reporting

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

9. Conclusion

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

Regards



Chris G. Knight
Data Management Team – Data Validator

Table 1

Sample Collection and Analysis Summary
Annual Groundwater Monitoring
RACER Trust/RACER Fairfax
Kansas City, Kansas
July-August 2022

Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	Analysis/Parameters			Comments
					VOCs	Naphthalene	TPH	
WG-072522-PL-001	MW-206A	Water	07/25/2022	13:45	X			
WG-072522-PL-002	MW-206B	Water	07/25/2022	14:50	X			
WG-072522-NL-001	MW-207C	Water	07/25/2022	15:40	X			
WG-072522-PL-003	MW-206C	Water	07/25/2022	16:15	X			
WG-072522-NL-002	MW-207B	Water	07/25/2022	16:45	X			
WG-072522-NL-003	MW-207A	Water	07/25/2022	17:40	X	X	X	
WG-072522-PL-004	MW-201	Water	07/25/2022	17:45	X			
TRIP BLANK	-	Water	07/25/2022	-	X			Trip Blank
WG-072622-PL-005	MW-203	Water	07/26/2022	09:25	X			
WG-072622-PL-006	MW-204A	Water	07/26/2022	11:25	X			
WG-072622-PL-007	MW-204A	Water	07/26/2022	11:35	X			Field duplicate of MW-204A
WG-072622-NL-004	MW-1B	Water	07/26/2022	12:20	X			
WG-072622-PL-008	MW-204B	Water	07/26/2022	13:20	X			
WG-072622-NL-005	MW-1C	Water	07/26/2022	13:45	X			
WG-072622-NL-006	MW-1A	Water	07/26/2022	14:15	X			
WG-072622-PL-009	MW-205A	Water	07/26/2022	14:37	X			
WG-072622-PL-010	MW-205B	Water	07/26/2022	15:28	X			

Table 1

Sample Collection and Analysis Summary
Annual Groundwater Monitoring
RACER Trust/RACER Fairfax
Kansas City, Kansas
July-August 2022

Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	Analysis/Parameters			Comments
					VOCs	Naphthalene	TPH	
WG-072622-NL-007	MW-208C	Water	07/26/2022	15:45	X			
WG-072622-NL-008	MW-208B	Water	07/26/2022	17:50	X			
WG-072622-NL-009	MW-208A	Water	07/26/2022	18:40	X			
WG-072722-NL-010	MW-146B	Water	07/27/2022	10:00	X			
WG-072722-NL-011	MW-146C	Water	07/27/2022	11:15	X			
WG-072722-NL-012	TMW-146	Water	07/27/2022	12:25	X	X	X	
WG-072722-NL-013	MW-110A	Water	07/27/2022	14:25	X			
WG-072822-NL-014	MW-124A	Water	07/28/2022	10:05	X			
WG-072822-NL-015	MW-124B	Water	07/28/2022	11:05	X			
WG-072822-NL-016	MW-202	Water	07/28/2022	15:15	X			
WG-080222-NL-015	MW-200	Water	08/02/2022	10:15	X			

Notes:

VOCs - Volatile Organic Compounds
 TPH - Total Petroleum Hydrocarbons
 "-" - Not Applicable

Table 2

**Analytical Results Summary
Annual Groundwater Monitoring
RACER Trust/RACER Fairfax
Kansas City, Kansas
July-August 2022**

Location ID:	MW-1A	MW-1B	MW-1C	MW-110A	MW-124A	MW-124B
Sample Name:	WG-072622-NL-006	WG-072622-NL-004	WG-072622-NL-005	WG-072722-NL-013	WG-072822-NL-014	WG-072822-NL-015
Sample Date:	07/26/2022	07/26/2022	07/26/2022	07/27/2022	07/28/2022	07/28/2022

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	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
1,1-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	0.75 J	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	0.44 J	25.9	6.2	0.84 J	0.26 J	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 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

Table 2

**Analytical Results Summary
Annual Groundwater Monitoring
RACER Trust/RACER Fairfax
Kansas City, Kansas
July-August 2022**

Location ID:	MW-1A	MW-1B	MW-1C	MW-110A	MW-124A	MW-124B
Sample Name:	WG-072622-NL-006	WG-072622-NL-004	WG-072622-NL-005	WG-072722-NL-013	WG-072822-NL-014	WG-072822-NL-015
Sample Date:	07/26/2022	07/26/2022	07/26/2022	07/27/2022	07/28/2022	07/28/2022

Parameters	Unit						
Volatile Organic Compounds (Continued)							
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	1.0 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
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
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	0.44 J	25.2	6.0	0.84 J	0.26 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	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

Table 2

**Analytical Results Summary
Annual Groundwater Monitoring
RACER Trust/RACER Fairfax
Kansas City, Kansas
July-August 2022**

Location ID:	MW-1A	MW-1B	MW-1C	MW-110A	MW-124A	MW-124B
Sample Name:	WG-072622-NL-006	WG-072622-NL-004	WG-072622-NL-005	WG-072722-NL-013	WG-072822-NL-014	WG-072822-NL-015
Sample Date:	07/26/2022	07/26/2022	07/26/2022	07/27/2022	07/28/2022	07/28/2022

Parameters	Unit						
Volatile Organic Compounds (Continued)							
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	0.22 J	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	1.7 J	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	6.5	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	0.70 J	0.16 J	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	1.0 U
Trichloroethene	µg/L	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
Vinyl chloride	µg/L	1.0 U	10.5	1.3	1.0 U	0.17 J	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
Semi-volatile Organic Compounds, SIM							
Naphthalene	µg/L	--	--	--	--	--	--

Table 2

**Analytical Results Summary
Annual Groundwater Monitoring
RACER Trust/RACER Fairfax
Kansas City, Kansas
July-August 2022**

Location ID:	MW-1A	MW-1B	MW-1C	MW-110A	MW-124A	MW-124B
Sample Name:	WG-072622-NL-006	WG-072622-NL-004	WG-072622-NL-005	WG-072722-NL-013	WG-072822-NL-014	WG-072822-NL-015
Sample Date:	07/26/2022	07/26/2022	07/26/2022	07/27/2022	07/28/2022	07/28/2022

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 Monitoring
RACER Trust/RACER Fairfax
Kansas City, Kansas
July-August 2022**

Location ID:	MW-146B	MW-146C	MW-200	MW-201	MW-202	MW-203
Sample Name:	WG-072722-NL-010	WG-072722-NL-011	WG-080222-NL-015	WG-072522-PL-004	WG-072822-NL-016	WG-072622-PL-005
Sample Date:	07/27/2022	07/27/2022	08/02/2022	07/25/2022	07/28/2022	07/26/2022

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	0.19 J	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
1,1-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	136	9.3	1.0 U	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	1.0 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

Table 2

**Analytical Results Summary
Annual Groundwater Monitoring
RACER Trust/RACER Fairfax
Kansas City, Kansas
July-August 2022**

Location ID:	MW-146B	MW-146C	MW-200	MW-201	MW-202	MW-203
Sample Name:	WG-072722-NL-010	WG-072722-NL-011	WG-080222-NL-015	WG-072522-PL-004	WG-072822-NL-016	WG-072622-PL-005
Sample Date:	07/27/2022	07/27/2022	08/02/2022	07/25/2022	07/28/2022	07/26/2022

Parameters	Unit						
Volatile Organic Compounds (Continued)							
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	0.41 J	1.0 U	0.20 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	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
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	130	8.7	1.0 U	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	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

Table 2

**Analytical Results Summary
Annual Groundwater Monitoring
RACER Trust/RACER Fairfax
Kansas City, Kansas
July-August 2022**

Location ID:	MW-146B	MW-146C	MW-200	MW-201	MW-202	MW-203
Sample Name:	WG-072722-NL-010	WG-072722-NL-011	WG-080222-NL-015	WG-072522-PL-004	WG-072822-NL-016	WG-072622-PL-005
Sample Date:	07/27/2022	07/27/2022	08/02/2022	07/25/2022	07/28/2022	07/26/2022

Parameters	Unit						
Volatile Organic Compounds (Continued)							
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	0.28 J	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	0.23 J	1.0 U	1.0 U	1.0 U
N-Propylbenzene	µg/L	1.0 U	1.0 U	0.63 J	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	5.2	0.54 J	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	1.0 U
Trichloroethene	µg/L	1.0 U	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	1.0 U
Vinyl chloride	µg/L	18.6	0.52 J	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
Semi-volatile Organic Compounds, SIM							
Naphthalene	µg/L	--	--	--	--	--	--

Table 2

**Analytical Results Summary
Annual Groundwater Monitoring
RACER Trust/RACER Fairfax
Kansas City, Kansas
July-August 2022**

Location ID:	MW-146B	MW-146C	MW-200	MW-201	MW-202	MW-203
Sample Name:	WG-072722-NL-010	WG-072722-NL-011	WG-080222-NL-015	WG-072522-PL-004	WG-072822-NL-016	WG-072622-PL-005
Sample Date:	07/27/2022	07/27/2022	08/02/2022	07/25/2022	07/28/2022	07/26/2022

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 Monitoring
RACER Trust/RACER Fairfax
Kansas City, Kansas
July-August 2022**

Location ID:	MW-204A	MW-204A	MW-204B	MW-205A	MW-205B
Sample Name:	WG-072622-PL-006	WG-072622-PL-007	WG-072622-PL-008	WG-072622-PL-009	WG-072622-PL-010
Sample Date:	07/26/2022	07/26/2022	07/26/2022	07/26/2022	07/26/2022
		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	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	1.5	1.5	9.2	1.0 U	5.4
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

Table 2

**Analytical Results Summary
Annual Groundwater Monitoring
RACER Trust/RACER Fairfax
Kansas City, Kansas
July-August 2022**

Location ID:	MW-204A	MW-204A	MW-204B	MW-205A	MW-205B
Sample Name:	WG-072622-PL-006	WG-072622-PL-007	WG-072622-PL-008	WG-072622-PL-009	WG-072622-PL-010
Sample Date:	07/26/2022	07/26/2022	07/26/2022	07/26/2022	07/26/2022
		Duplicate			

Parameters	Unit					
Volatile Organic Compounds (Continued)						
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	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
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
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	1.5	1.5	8.3	0.18 J	5.0
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

Table 2

**Analytical Results Summary
Annual Groundwater Monitoring
RACER Trust/RACER Fairfax
Kansas City, Kansas
July-August 2022**

Location ID:	MW-204A	MW-204A	MW-204B	MW-205A	MW-205B
Sample Name:	WG-072622-PL-006	WG-072622-PL-007	WG-072622-PL-008	WG-072622-PL-009	WG-072622-PL-010
Sample Date:	07/26/2022	07/26/2022	07/26/2022	07/26/2022	07/26/2022
		Duplicate			

Parameters	Unit					
Volatile Organic Compounds (Continued)						
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	0.34 J	1.0 U	0.52 J	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	0.90 J	1.0 U	0.38 J
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	8.5	9.2	0.48 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
Vinyl chloride	µg/L	1.0 U	1.0 U	2.2	1.0 U	0.65 J
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Semi-volatile Organic Compounds, SIM						
Naphthalene	µg/L	--	--	--	--	--

Table 2

**Analytical Results Summary
Annual Groundwater Monitoring
RACER Trust/RACER Fairfax
Kansas City, Kansas
July-August 2022**

Location ID:	MW-204A	MW-204A	MW-204B	MW-205A	MW-205B
Sample Name:	WG-072622-PL-006	WG-072622-PL-007	WG-072622-PL-008	WG-072622-PL-009	WG-072622-PL-010
Sample Date:	07/26/2022	07/26/2022	07/26/2022	07/26/2022	07/26/2022
		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 Monitoring
RACER Trust/RACER Fairfax
Kansas City, Kansas
July-August 2022**

Location ID:	MW-206A	MW-206B	MW-206C	MW-207A	MW-207B
Sample Name:	WG-072522-PL-001	WG-072522-PL-002	WG-072522-PL-003	WG-072522-NL-003	WG-072522-NL-002
Sample Date:	07/25/2022	07/25/2022	07/25/2022	07/25/2022	07/25/2022

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	1.9	1.8	1.0 U	2.6	14.8
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

Table 2

**Analytical Results Summary
Annual Groundwater Monitoring
RACER Trust/RACER Fairfax
Kansas City, Kansas
July-August 2022**

Location ID:	MW-206A	MW-206B	MW-206C	MW-207A	MW-207B
Sample Name:	WG-072522-PL-001	WG-072522-PL-002	WG-072522-PL-003	WG-072522-NL-003	WG-072522-NL-002
Sample Date:	07/25/2022	07/25/2022	07/25/2022	07/25/2022	07/25/2022

Parameters	Unit					
Volatile Organic Compounds (Continued)						
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	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
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
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	1.9	1.6	1.0 U	2.5	13.2
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

Table 2

**Analytical Results Summary
Annual Groundwater Monitoring
RACER Trust/RACER Fairfax
Kansas City, Kansas
July-August 2022**

Location ID:	MW-206A	MW-206B	MW-206C	MW-207A	MW-207B
Sample Name:	WG-072522-PL-001	WG-072522-PL-002	WG-072522-PL-003	WG-072522-NL-003	WG-072522-NL-002
Sample Date:	07/25/2022	07/25/2022	07/25/2022	07/25/2022	07/25/2022

Parameters	Unit					
Volatile Organic Compounds (Continued)						
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	0.78 J	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	0.18 J	1.0 U	1.0 U	1.7
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	0.42 J	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	2.6	1.0 U	1.0 U	10
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Semi-volatile Organic Compounds, SIM						
Naphthalene	µg/L	--	--	--	0.48 U	--

Table 2

**Analytical Results Summary
Annual Groundwater Monitoring
RACER Trust/RACER Fairfax
Kansas City, Kansas
July-August 2022**

Location ID:	MW-206A	MW-206B	MW-206C	MW-207A	MW-207B
Sample Name:	WG-072522-PL-001	WG-072522-PL-002	WG-072522-PL-003	WG-072522-NL-003	WG-072522-NL-002
Sample Date:	07/25/2022	07/25/2022	07/25/2022	07/25/2022	07/25/2022

Parameters	Unit					
Total Petroleum Hydrocarbons						
High-Range Hydrocarbons (HRH) (C19-C35)	mg/L	--	--	--	0.20 U	--
Low-Range Hydrocarbons (LRH) (C5-C8)	mg/L	--	--	--	0.050 U	--
Mid-Range Hydrocarbons (MRH) (C9-C18)	mg/L	--	--	--	0.060 U	--

Table 2

**Analytical Results Summary
Annual Groundwater Monitoring
RACER Trust/RACER Fairfax
Kansas City, Kansas
July-August 2022**

Location ID:	MW-207C	MW-208A	MW-208B	MW-208C	TMW-146
Sample Name:	WG-072522-NL-001	WG-072622-NL-009	WG-072622-NL-008	WG-072622-NL-007	WG-072722-NL-012
Sample Date:	07/25/2022	07/26/2022	07/26/2022	07/26/2022	07/27/2022

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	5.8	1.0 U	1.0 U	2.1	0.34 J
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

Table 2

**Analytical Results Summary
Annual Groundwater Monitoring
RACER Trust/RACER Fairfax
Kansas City, Kansas
July-August 2022**

Location ID:	MW-207C	MW-208A	MW-208B	MW-208C	TMW-146
Sample Name:	WG-072522-NL-001	WG-072622-NL-009	WG-072622-NL-008	WG-072622-NL-007	WG-072722-NL-012
Sample Date:	07/25/2022	07/26/2022	07/26/2022	07/26/2022	07/27/2022

Parameters	Unit					
Volatile Organic Compounds (Continued)						
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	1.0 U	1.0 U	1.0 U	1.0 U	0.43 J
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
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	5.5	1.0 U	0.20 J	2.1	0.34 J
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

Table 2

**Analytical Results Summary
Annual Groundwater Monitoring
RACER Trust/RACER Fairfax
Kansas City, Kansas
July-August 2022**

Location ID:	MW-207C	MW-208A	MW-208B	MW-208C	TMW-146
Sample Name:	WG-072522-NL-001	WG-072622-NL-009	WG-072622-NL-008	WG-072622-NL-007	WG-072722-NL-012
Sample Date:	07/25/2022	07/26/2022	07/26/2022	07/26/2022	07/27/2022

Parameters	Unit					
Volatile Organic Compounds (Continued)						
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	0.65 J	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	0.26 J	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	0.82 J	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
Semi-volatile Organic Compounds, SIM						
Naphthalene	µg/L	--	--	--	--	0.48 U

Table 2

**Analytical Results Summary
Annual Groundwater Monitoring
RACER Trust/RACER Fairfax
Kansas City, Kansas
July-August 2022**

Location ID:	MW-207C	MW-208A	MW-208B	MW-208C	TMW-146
Sample Name:	WG-072522-NL-001	WG-072622-NL-009	WG-072622-NL-008	WG-072622-NL-007	WG-072722-NL-012
Sample Date:	07/25/2022	07/26/2022	07/26/2022	07/26/2022	07/27/2022

Parameters	Unit					
Total Petroleum Hydrocarbons						
High-Range Hydrocarbons (HRH) (C19-C35)	mg/L	--	--	--	--	0.20 U
Low-Range Hydrocarbons (LRH) (C5-C8)	mg/L	--	--	--	--	0.050 U
Mid-Range Hydrocarbons (MRH) (C9-C18)	mg/L	--	--	--	--	0.060 U

Notes:

U - Not detected at the associated reporting limit

J - Estimated concentration

SIM - Selective Ion Monitoring

"--" - Not analyzed

Table 3

Analytical Methods
Annual Groundwater Monitoring
RACER Trust/RACER Fairfax
Kansas City, Kansas
July-August 2022

Parameter	Method	Matrix	Holding Time	
			Collection to Extraction (Days)	Collection or Extraction to Analysis (Days)
VOCs	SW-846 8260	Water	-	7 (pH >2)
			-	14 (pH <2)
Naphthalene	SW-846 8270C SIM	Water	7	40
TPH	SW-846 8015C	Water	-	14

Notes:

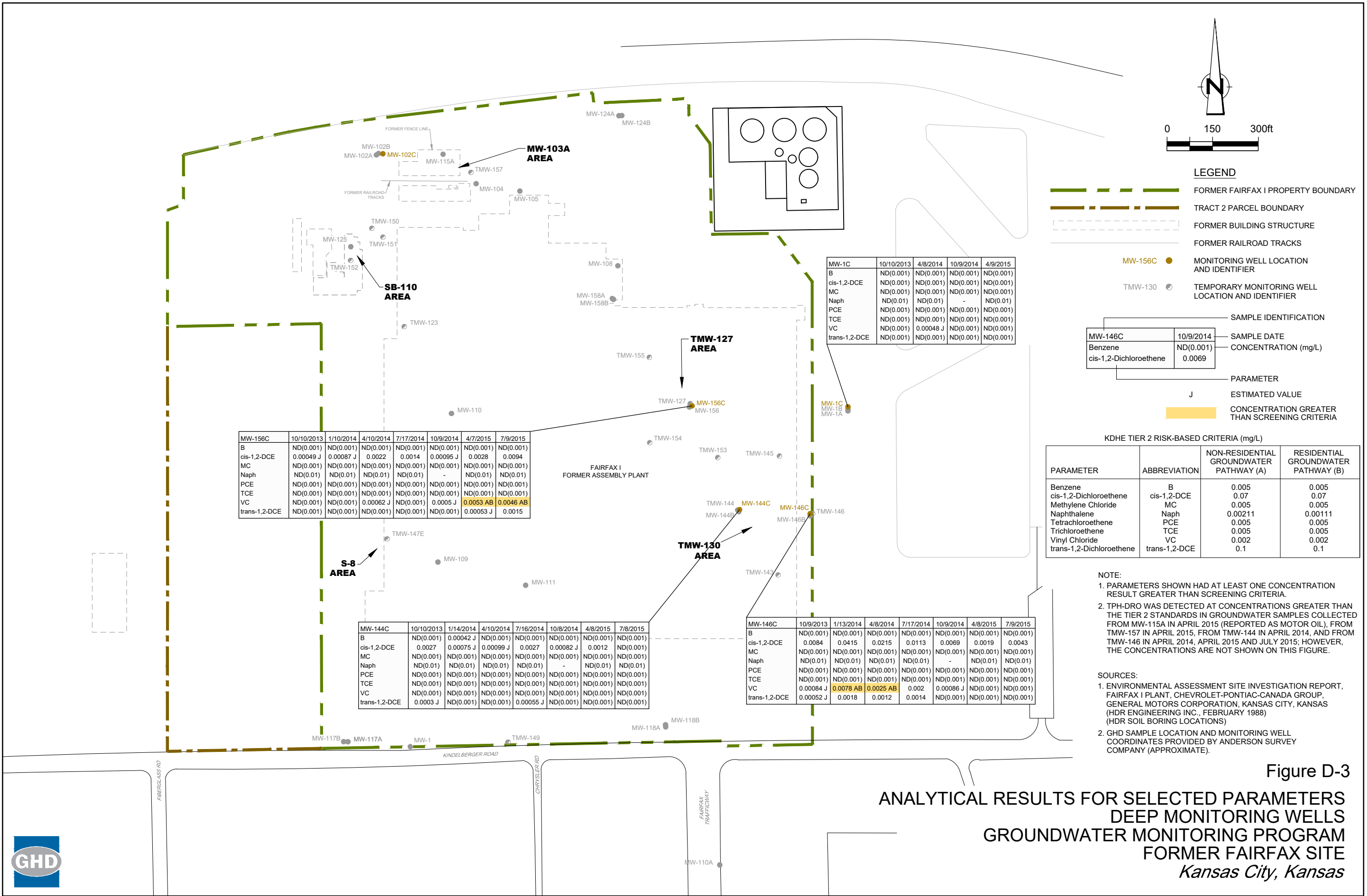
VOCs - Volatile Organic Compounds
SIM - Selective Ion Monitoring
TPH - Total Petroleum Hydrocarbons
"- " - Not Applicable

Method References:

SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846,
Third Edition, 1986, with subsequent revisions

Appendix D

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





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