



July 2021 Semi- Annual Long-Term Groundwater Monitoring Report

Former Fairfax I Plant

Revitalizing Auto Communities Environmental Responses
Trust

November 03, 2021

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1. Introduction

GHD Services Inc. (GHD) has prepared this January 2021 Semi-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 corner 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 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 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 a 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 12 through July 14, 2021. The monitoring network includes 26 monitoring wells. Well construction details are provided in Table 1.

Groundwater in three zones within the underlying aquifer are 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. 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. The locking covers on monitoring wells MW-1A, MW-1B and MW-1C do not close properly and will be repaired prior the next sampling event.

3.2 Groundwater Elevation Data Collection

Prior to collecting groundwater samples, GHD measured the depth to fluid 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 or peristaltic 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) located in Lenexa, Kansas.

3.4 Quality Control Samples

GHD collected two blind-labeled duplicate samples for laboratory analysis. The duplicate samples were collected from MW-207A and MW-1A. 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 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 12, 2021, depth to groundwater in monitoring wells screened in the shallow aquifer ranged from 18.55 ft below top of casing (btoc) (MW-202) to 23.36 ft btoc (MW-124A). Groundwater elevations ranged from 724.03 ft above mean sea level (amsl) (MW-1A) to 725.41 ft amsl (MW-202) and have increased 4.34 ft, on average, since the last monitoring event. Based on the groundwater elevations, the groundwater in the shallow aquifer flows to the northeast 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 19.42 ft btoc (MW-208B) to 23.33 ft btoc (MW-124B) ft btoc. Groundwater elevations ranged from 724.61 ft amsl (MW-208B) to 725.26 ft amsl (MW-204B) and have increased 4.26 ft, on average, since the last monitoring event. Based on the

groundwater elevations, the groundwater in the intermediate aquifer flows to the 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 19.43 ft btoc (MW-208C) to 22.02 ftoc (MW-1C). Groundwater elevations ranged from 724.64 ft btoc (MW-208C) to 725.03 ft btoc (MW-206C) and have increased 4.18 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 collected samples during this long-term groundwater monitoring event indicate that all 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 at a concentration of 0.0073 mg/L. PCE was detected at a concentration below the Tier 2 RSK standard in samples collected from MW-207A.

TCE was detected above the Tier 2 RSK standard of 0.005 mg/L in the samples collected from MW-204A at a concentration of 0.0125 mg/L. TCE was detected at concentrations below the Tier 2 RSK standard in samples collected from MW-110A, MW-204B, MW-205A, 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 at a concentration of 0.129 mg/L. cis-1,2-DCE was detected at concentrations below the Tier 2 RSK standard in samples collected from MW-1A, MW-1B, MW-1C, MW-110A, MW-124A, MW-124B, MW-146C, MW-203, MW-204A, MW-204B, MW-205A, MW-205B, MW-206A, MW-206B, MW-207A, MW-207B, MW-207C, 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 (0.0113 mg/L), MW-124B (0.0026 mg/L), MW-146B (0.0204 mg/L), MW-206B (0.0031 mg/L), and MW-207B (0.008 mg/L). VC was detected at concentrations below the Tier 2 RSK standard in samples collected from MW-1C, MW-124A, MW-146C, MW-204B, MW-205B, MW-206B, MW-207C, and TMW-146.

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

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

Benzene	Acetone
Chloroform (trichloromethane)	Trichlorotrifluoroethane (CFC-113)
1,1-dichloroethane (1,1-DCA)	cyclohexane
Methyl tert butyl ether (MTBE)	trans-1,2-dichloroethene (trans-1,2-DCE)
Mid-range hydrocarbons (MRH)	trans-1,3-dichloroethene (trans-1,3-DCE)
carbon disulfide	--

The remaining CVOCs were less than the laboratory detection limits.

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 summarized the COCs detected in groundwater samples collected from the shallow aquifer. The results indicate that TCE is the only COCs 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 (0.0125 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 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 below the clean-up standard to the southeast. Off-site, PCE was detected above the Tier 2 RSK standard of 0.005 mg/L in samples from MW-110A (0.0073 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 only 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). 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 four events but were historically below the standard. The concentrations of VC in groundwater samples collected from MW-206B are consistent with pre-redevelopment levels. The concentrations of VC detected in MW-124B (closer to the river) were reported above the Tier 2 RSK standard for the second consecutive time. Historically, VC concentrations were not reported above the method limits until January 2020 and July 2020 when concentrations were reported at levels below the Tier 2 criteria. This may be a function of variable groundwater flow directions that typically occur along the river over time, especially given the historically high precipitation that occurred in the Kansas City region in early 2019. Cis-1,2 DCE was reported above the Tier 2 RSK standard in the samples collected from MW-146B and was reported in the July 2020 event above the Tier 2 RSK standard for the first time since the well's installation in 2013. COCs were not detected in the groundwater samples collected from the down-gradient well MW-208B, with the exception of chloroform, a common laboratory contaminant, indicating the extent of COCs in the intermediate aquifer down-gradient of the TMW-127 Area is delineated within the Site boundaries.

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

Figure 8 summarized 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

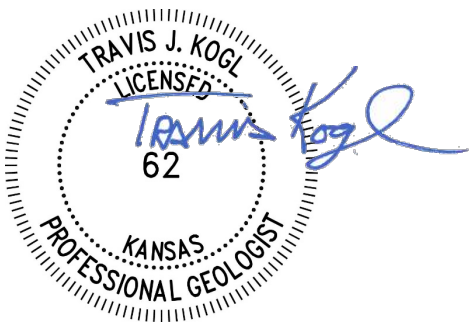
Long-term monitoring activities were completed in accordance with KDHE-approved Long-Term Monitoring Plan. The laboratory analytical results for samples collected from the monitoring wells are consistent with pre-redevelopment concentrations with the exception of VC reported in the samples collected from MW-124B near the river.

The extent of COCs 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 and intermediate monitoring well MW-208B; however, low concentrations below the KDHE Tier 2 RSK cleanup standards for MTBE and cis-1,2-DCE were reported in the groundwater samples from off-site deeper monitoring well MW-208C. VC was not reported in the sample from MW-208C for the second consecutive sampling event.

GHD recommends continued implementation of the KDHE-approved Long-Term Groundwater Monitoring Plan. The schedule provided in the plan proposes annual monitoring beginning in calendar Year 2022. The next long-term groundwater monitoring event is anticipated in July 2022.

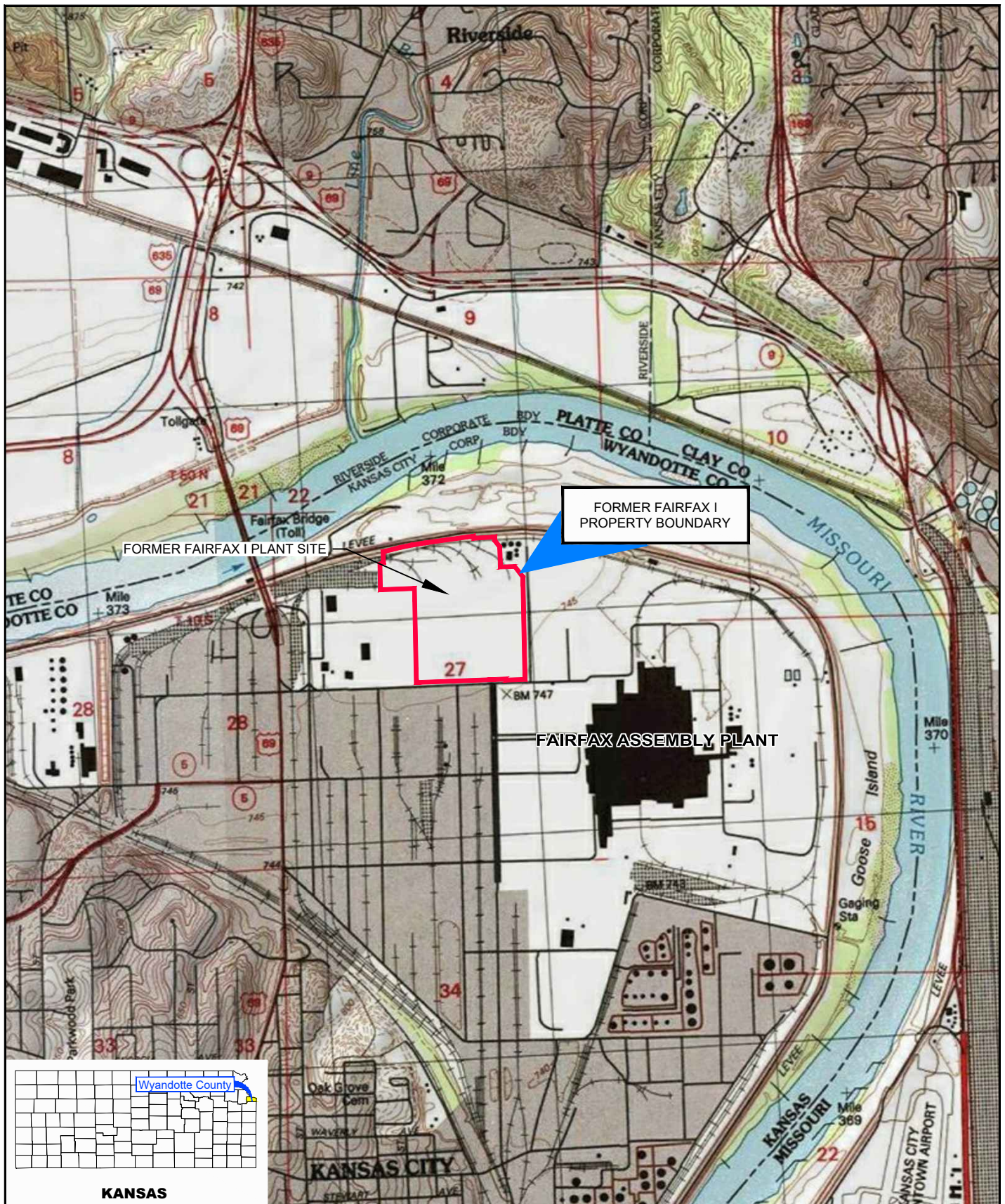
All of Which is Respectfully Submitted,

GHD



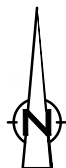
Travis Kogl, P.G.

Figures



0 1000 2000ft

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



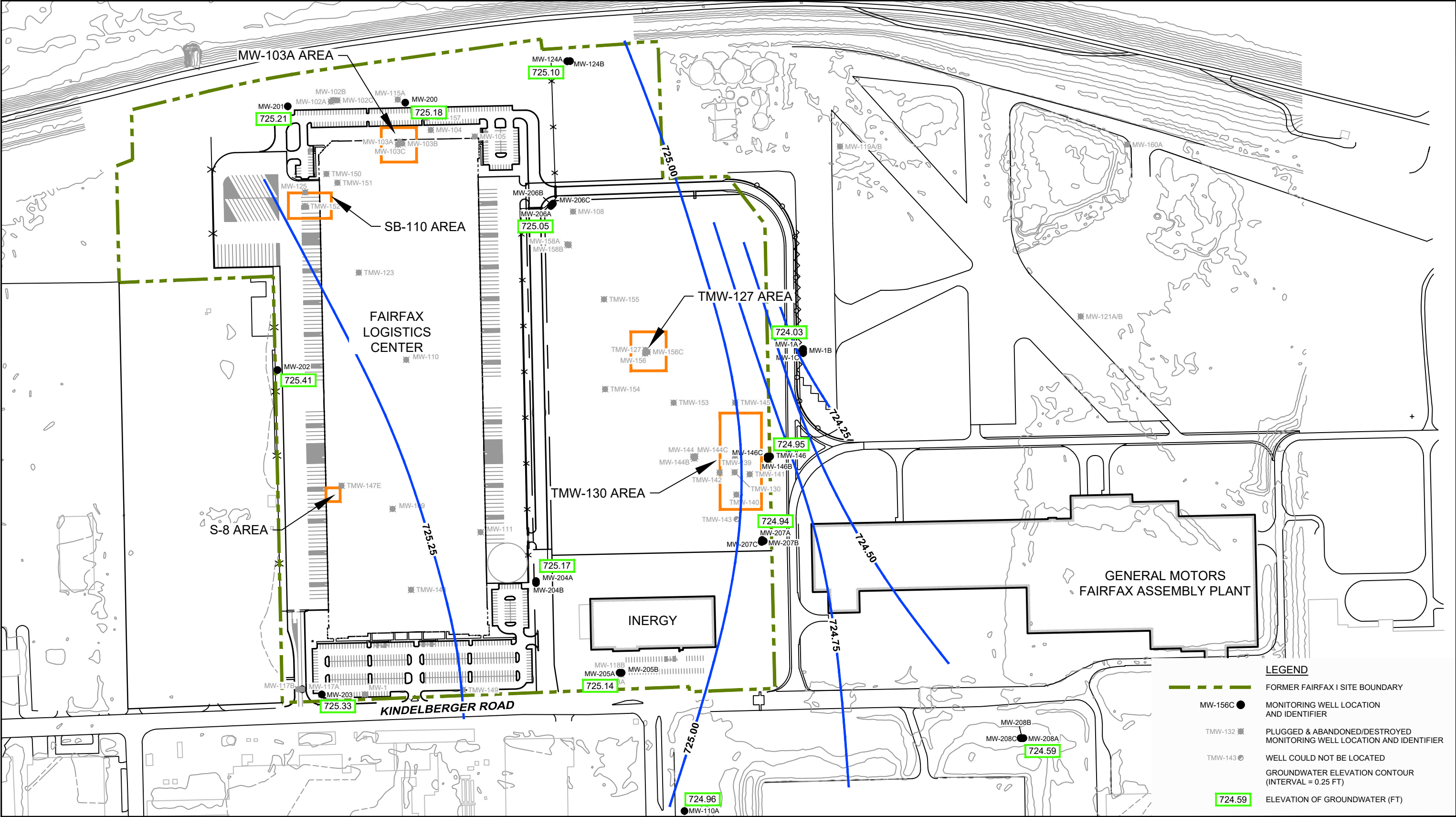
LONG-TERM GROUNDWATER
MONITORING REPORT
FORMER FAIRFAX I SITE
KANSAS CITY, KANSAS

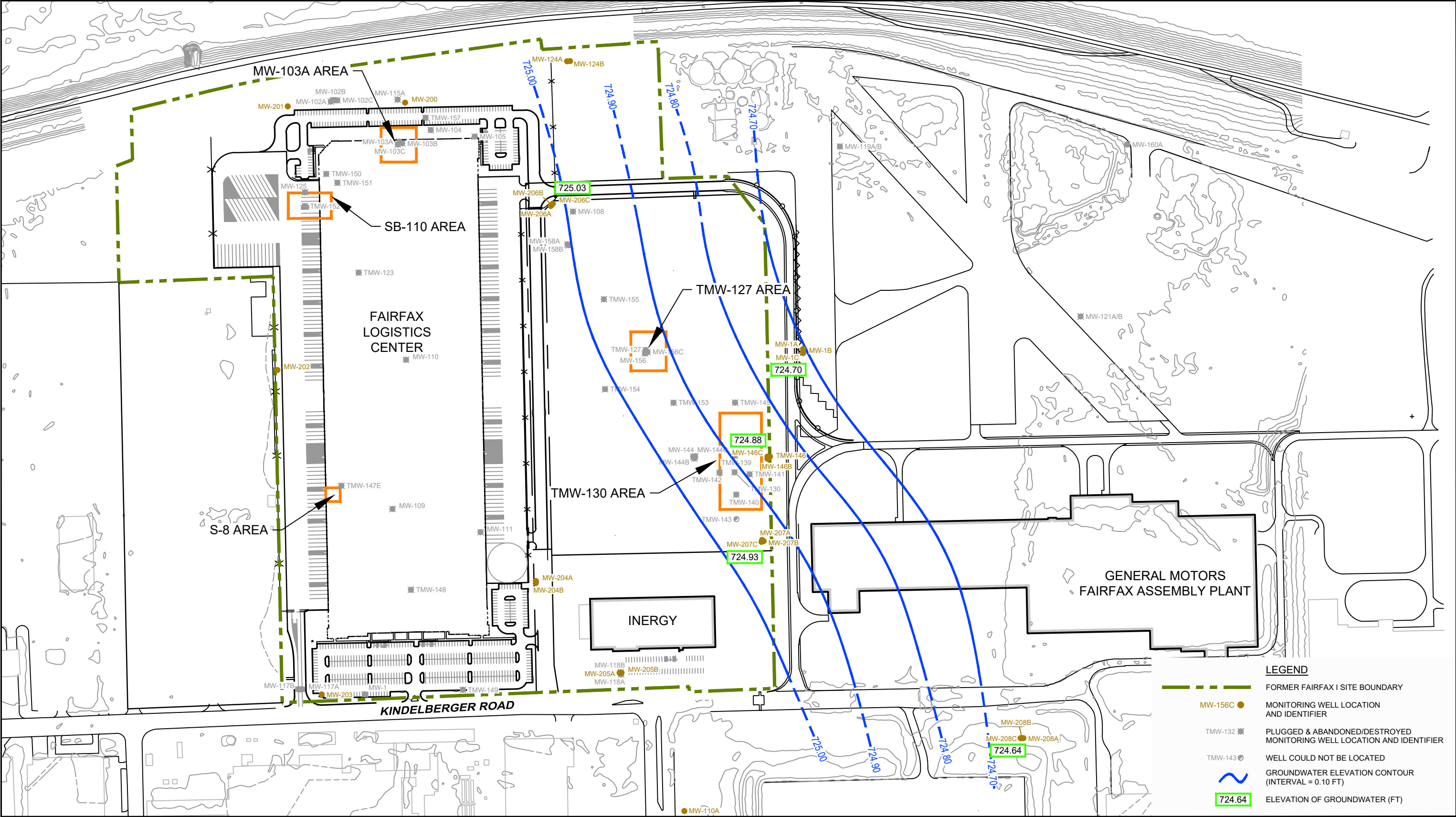
SITE LOCATION MAP

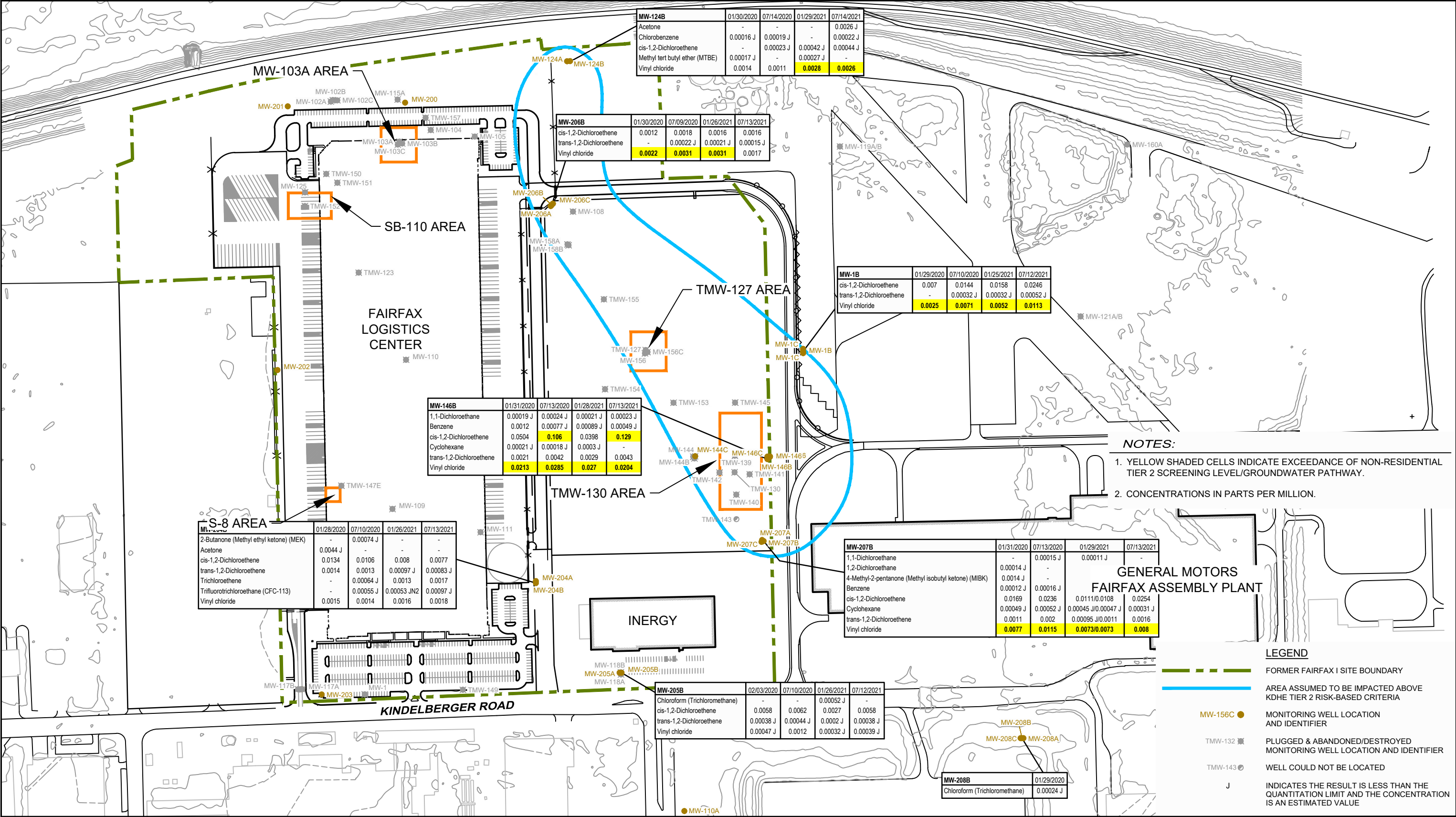
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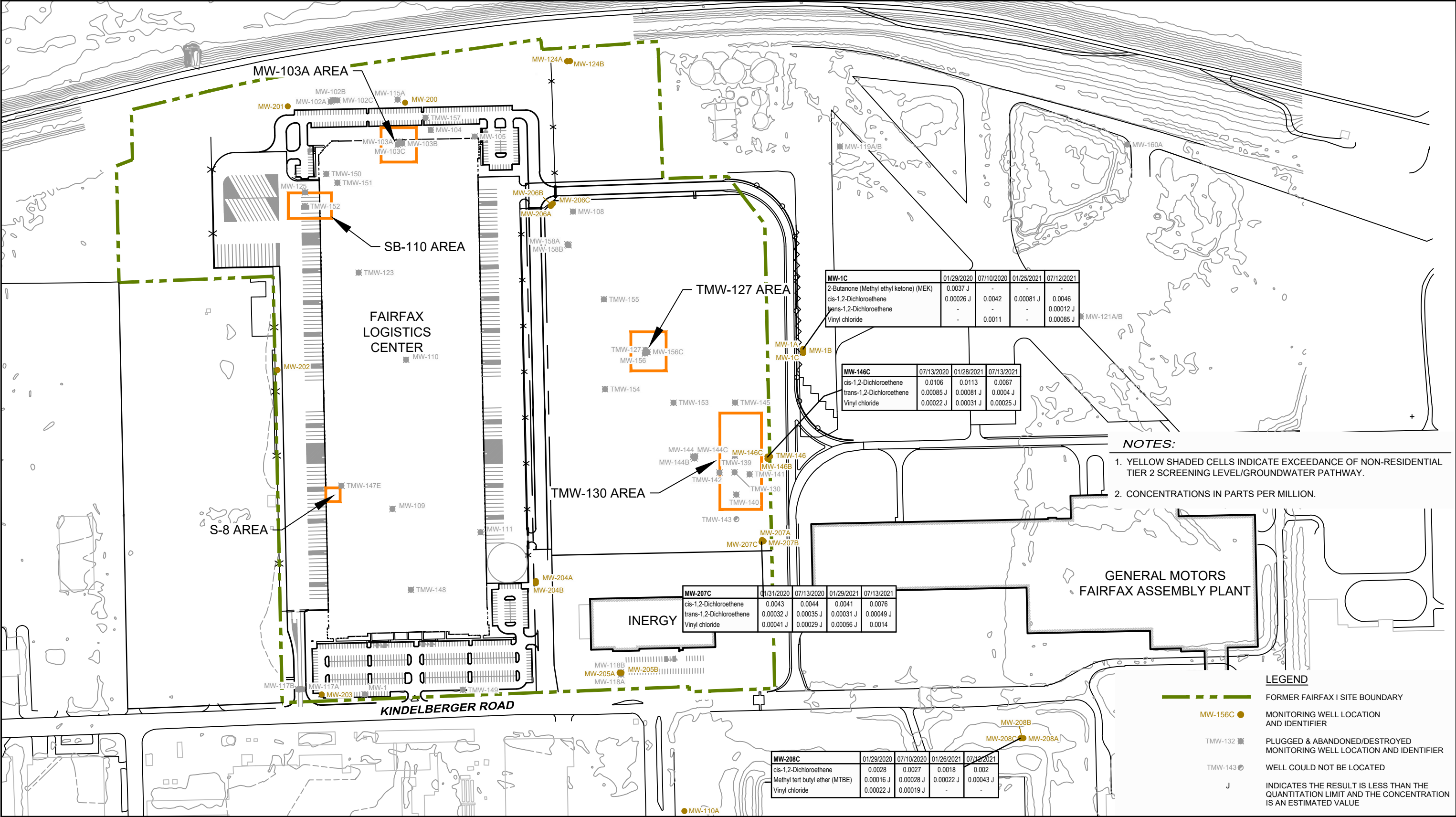
Aug 21, 2020

FIGURE 1









Tables

Table 1

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

Monitoring Well	Area of Concern	Designation	Completion	Completion Date	Well Material²	Top (ft bgs)³	Bottom (ft bgs)
MW-1A	Perimeter	Shallow	Stick-up	3/27/1985	PVC	15.0	35.0
MW-1B	Perimeter	Intermediate	Stick-up	3/27/1985	PVC	65.0	85.0
MW-1C	Perimeter	Deep	Stick-up	4/1/1985	PVC	87.0	107.0
MW-110A	Off-Site	Shallow	Stick-up	--	PVC	--	--
MW-124A	NA	Shallow	Stick-up	11/10/2006	PVC	25.0	35.0
MW-124B	NA	Intermediate	Stick-up	11/10/2006	PVC	50.0	60.0
TMW-146	TMW-130	Shallow	Stick-up	10/30/2007	PVC	19.0	29.0
MW-146B	TMW-130	Intermediate	Stick-up	5/15/2013	PVC	49.7	59.7
MW-146C	TMW-130	Deep	Stick-up	5/15/2013	PVC	79.9	89.9
MW-200	MW-103A	Shallow	Flush Mount	9/12/2019	PVC	17.0	27.0
MW-201	SB-110	Shallow	Flush Mount	9/11/2019	PVC	17.0	27.0
MW-202	S-8	Shallow	Flush Mount	9/19/2019	PVC	17.0	27.0
MW-203	Perimeter	Shallow	Flush Mount	9/13/2019	PVC	17.0	27.0
MW-204A	S-8	Shallow	Flush Mount	9/12/2019	PVC	17.0	27.0
MW-204B	S-8	Intermediate	Flush Mount	9/13/2019	PVC	50.0	60.0
MW-205A	S-8, perimeter	Shallow	Flush Mount	9/18/2019	PVC	17.0	27.0
MW-205B	S-8, perimeter	Intermediate	Flush Mount	9/18/2019	PVC	50.0	60.0
MW-206A	TMW-103A, TMW-127	Shallow	Flush Mount	9/11/2019	PVC	17.0	27.0
MW-206B	TMW-103A, TMW-127	Intermediate	Flush Mount	9/16/2019	PVC	50.0	60.0
MW-206C	TMW-103A, TMW-127	Deep	Flush Mount	9/17/1919	PVC	80.0	90.0
MW-207A	TMW-127, TMW-130	Shallow	Stick-up	9/17/2019	PVC	17.0	27.0
MW-207B	TMW-127, TMW-130	Intermediate	Stick-up	9/18/2019	PVC	50.0	60.0
MW-207C	TMW-127, TMW-130	Deep	Stick-up	9/19/2019	PVC	80.0	90.0
MW-208A	TMW-127, off-site	Shallow	Flush Mount	1/21/2020	PVC	17.0	27.0
MW-208B	TMW-127, off-site	Intermediate	Flush Mount	1/21/1920	PVC	50.0	60.0
MW-208C	TMW-127, off-site	Deep	Flush Mount	1/22/1920	PVC	80.0	90.0

ft AMSL - feet above mean sea level

PVC - polyvinyl chloride

ft bgs - feet below ground surface

-- 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-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-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
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
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-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-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-1B	Intermediate	1/28/2020	745.400	18.65	86.93	726.75
MW-1B	Intermediate	7/9/2020	745.400	17.42	86.93	727.98
MW-1B	Intermediate	1/25/2021	746.297	25.71	86.93	720.59
MW-1B	Intermediate	7/12/2021	746.297	21.17	86.93	725.13
MW-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

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-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-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-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-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-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-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-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-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-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

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-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-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-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-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-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-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-208B	Intermediate	1/28/2020	744.030	15.80	59.39	728.23
MW-208B	Intermediate	7/9/2020	744.030	15.10	59.39	728.93
MW-208B	Intermediate	1/25/2021	744.030	23.2	59.39	720.83
MW-208B	Intermediate	7/12/2021	744.030	19.42	59.39	724.61
MW-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

Notes

amsl - above mean sea level

TOC - top of casing

Table 3

Groundwater Ananalytical Results
Former Fairfax I Site
Kansas City, Kansas

Sample Location:			MW-1A	MW-1A	MW-1A	MW-1A	MW-1A	MW-1A	MW-1A	MW-1B	MW-1B	MW-1B	MW-1B	MW-1C
Sample ID:			WG-012920-NL-005	WG-012920-NL-006	WG-071020-NL-009	WG-071020-NL-011	WG-012621-NL-006	WG-071221-NL-001	WG-071221-NL-002	WG-012920-NL-007	WG-071020-NL-007	WG-012521-NL-004	WG-071221-NL-003	WG-012920-NL-008
Sample Date:			1/29/2020	1/29/2020	7/10/2020	7/10/2020	01/26/2021	07/12/2021	07/12/2021	1/29/2020	7/10/2020	01/25/2021	07/12/2021	1/29/2020
				Duplicate		Duplicate			Duplicate					
Parameters	Units	Tier 2												
Petroleum Products		Standard												
High-Range Hydrocarbons (HRH)	mg/L	2.5	--	--	--	--	--	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	0.95	--	--	--	--	--	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	0.4	--	--	--	--	--	--	--	--	--	--	--	--
SVOCs - SIM														
Naphthalene	mg/L	0.00211	--	--	--	--	--	--	--	--	--	--	--	--
VOCs														
1,1,1-Trichloroethane	mg/L	0.2	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	0.00128	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	0.0461	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	0.007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	0.07	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.0002	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.00005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	0.6	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	0.075	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	11.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.0037 J
2-Hexanone	mg/L	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	4.17	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	45.5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzene	mg/L	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	0.08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	0.08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	0.0132	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	1.66	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/L	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	26.4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	0.08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	0.238	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	0.007	0.0144	0.0158	0.0246	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	<0.001	<0.001
Cyclohexane	mg/L	14.7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromochloromethane	mg/L	0.08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	0.567	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	0.7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	0.968	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	--	<0.02	<0.02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.02	<0.001	<0.001	<0.001	<0.02
Methyl cyclohexane	mg/L	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl tert butyl ether (MTBE)	mg/L	0.262	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/L	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	mg/L	1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00032 J	0.00032 J	0.00052 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	<0.001	<0.001
Trichloroethene	mg/L	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	1.9	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<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	0.0025	0.0071	0.0052	0.0113	<0.001
Xylenes (total)	mg/L	10	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:
J - Estimated concentration.
R - Rejected.

Table 3

Groundwater Ananalytical Results
Former Fairfax I Site
Kansas City, Kansas

Sample Location:		MW-1C	MW-1C	MW-1C	MW-110A	MW-110A	MW-110A	MW-110A	MW-124A	MW-124A	MW-124A	MW-124A	MW-124B	MW-124B
Sample ID:		WG-071020-NL-005	WG-012521-NL-002	WG-071221-NL-004	WG-020320-NL-028	WG-071420-SM-034	WG-012821-SM-017	WG-071421-NL-013	WG-013020-NL-014	WG-071420-SM-032	WG-012921-SM-024	WG-071421-SM-014	WG-013020-NL-015	WG-071420-SM-030
Sample Date:		7/10/2020	01/25/2021	07/12/2021	2/3/2020	7/14/2020	01/28/2021	07/14/2021	1/30/2020	7/14/2020	01/29/2021	07/14/2021	1/30/2020	7/14/2020
Parameters	Units													
Petroleum Products														
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--
SVOCs - SIM														
Naphthalene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--
VOCs														
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<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	<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	<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	<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	<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	<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	<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	<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	0.00016 J	<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	<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	<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	<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 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	<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	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01 J	<0.01	<0.01	<0.01	<0.01 J	<0.01	0.0094 J	<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	<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	<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	<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	<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	<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	<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	<0.001	0.00016 J	0.00019 J
Chloroethane	mg/L	<0.001	<0.001	<0.001	<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	<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	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.0042	0.00081 J	0.0046	<0.001	<0.001	<0.001	0.0017	0.00043 J	0.00027 J	<0.001	0.00047 J	<0.001	0.00023 J
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<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	<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	<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	<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	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.001	<0.001	<0.001	<0.02	<0.001	<0.001	<0.001	<0.02	<0.001	<0.001	<0.001	<0.02	<0.001
Methyl cyclohexane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<0.001	0.00017 J	<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	<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	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	0.0107	0.0113	0.0102	0.0073	<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	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	<0.001	<0.001	0.00012 J	<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	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	<0.001	0.0003 J	0.00023 J	0.0004 J	0.00074 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl chloride	mg/L	0.0011	<0.001	0.00085 J	<0.001	<0.001	<0.001	<0.001	0.0002 J	0.00015 J	<0.001	0.00063 J	0.0014	0.0011
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<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.

Table 3

Groundwater Ananalytical Results
Former Fairfax I Site
Kansas City, Kansas

Sample Location:		MW-124B	MW-124B	MW-146B	MW-146B	MW-146B	MW-146B	MW-146C	MW-146C	MW-146C	MW-146C	MW-200	MW-200	MW-200
Sample ID:		WG-012921-SM-026	WG-071421-SM-013	WG-013120-NL-018	WG-071320-SM-024	WG-012821-NL-018	WG-071321-NL-005	WG-013120-NL-017	WG-071320-SM-022	WG-012821-NL-016	WG-071321-NL-006	WG-020320-NL-026	WG-071320-NL-017	WG-012621-SM-013
Sample Date:		01/29/2021	07/14/2021	1/31/2020	7/13/2020	01/28/2021	07/13/2021	1/31/2020	7/13/2020	01/28/2021	07/13/2021	2/3/2020	7/13/2020	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														
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	<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	<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	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	0.00019 J	0.00024 J	0.00021 J	0.00023 J	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	0.0026 J	<0.01	<0.01	<0.01 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzene	mg/L	<0.001	<0.001	0.0012	0.00077 J	0.00089 J	0.00049 J	<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	<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	<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	<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	<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	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	0.00022 J	<0.001	<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	<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	<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	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.00042 J	0.00044 J	0.0504	0.106	0.0398	0.129	<0.001	0.0106	0.0113	0.0067	<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	<0.001	<0.001	<0.001
Cyclohexane	mg/L	<0.001	<0.001	0.00021 J	0.00018 J	0.0003 J	<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	<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	<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	<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	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.001	<0.001	<0.02	<0.001	<0.001	<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	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl tert butyl ether (MTBE)	mg/L	0.00027 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<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	<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	<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	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	<0.001	<0.001	0.0021	0.0042	0.0029	0.0043	<0.001	0.00085 J	0.00081 J	0.0004 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	<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	<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	<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	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl chloride	mg/L	0.0028	0.0026	0.0213	0.0285	0.027	0.0204	<0.001	0.00022 J	0.00031 J	0.00025 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	<0.003	<0.003	<0.003

Footnotes:
J - Estimated concentration.
R - Rejected.

Table 3

Groundwater Ananalytical Results
Former Fairfax I Site
Kansas City, Kansas

Sample Location:		MW-200	MW-201	MW-201	MW-201	MW-201	MW-202	MW-202	MW-202	MW-202	MW-203	MW-203	MW-203	MW-203
Sample ID:		WG-071421-NL-010	WG-012820-NL-004	WG-071320-NL-019	WG-012821-SM-019	WG-071421-SM-015	WG-020320-NL-027	WG-071320-NL-021	WG-012921-SM-028	WG-071421-NL-011	WG-012820-NL-003	WG-071320-NL-015	WG-012821-SM-015	WG-071421-NL-012
Sample Date:		07/14/2021	1/28/2020	7/13/2020	01/28/2021	07/14/2021	2/3/2020	7/13/2020	01/29/2021	07/14/2021	1/28/2020	7/13/2020	01/28/2021	07/14/2021
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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<0.01	<0.01	<0.01	0.0025 J
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01 J	<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	<0.01	<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	0.0034 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	<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	<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	<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	<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	<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	<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	<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	<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	0.00017 J	0.00028 J	<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	<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	<0.001	<0.001	0.00027 J
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<0.003	<0.003	<0.003

Footnotes:
J - Estimated concentration.
R - Rejected.

Table 3

Groundwater Ananalytical Results
Former Fairfax I Site
Kansas City, Kansas

Sample Location:		MW-204A	MW-204A	MW-204A	MW-204A	MW-204B	MW-204B	MW-204B	MW-204B	MW-205A	MW-205A	MW-205A	MW-205A	MW-205B
Sample ID:		WG-012820-NL-001	WG-070920-SM-002	WG-012621-NL-010	WG-071321-NL-008	WG-012820-NL-002	WG-071020-SM-012	WG-012621-NL-008	WG-071321-NL-009	WG-020320-NL-025	WG-070920-SM-004	WG-012621-NL-012	WG-071221-SM-004	WG-020320-NL-024
Sample Date:		1/28/2020	7/9/2020	01/26/2021	07/13/2021	1/28/2020	7/10/2020	01/26/2021	07/13/2021	2/3/2020	7/9/2020	01/26/2021	07/12/2021	2/3/2020
Parameters	Units													
Petroleum Products														
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--
SVOCs - SIM														
Naphthalene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--
VOCs														
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	0.00074 J	<0.01	<0.01	<0.01	<0.01	<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	<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	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01	<0.01	<0.01	0.0044 J	<0.01	<0.01	<0.01	0.0037 J	<0.01	<0.01	<0.01	<0.01
Benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<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	<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	<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	<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	<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	<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	<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	<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	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.00038 J	0.00063 J	0.0016	0.0024	0.0134	0.0106	0.008	0.0077	<0.001	<0.001	<0.001	0.00045 J	0.0058
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<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	<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	<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	<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	<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	<0.02	<0.001	<0.001	<0.001	<0.02
Methyl cyclohexane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<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	<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	<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	0.00033 J	<0.001	0.00031 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	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	0.00014 J	0.0014	0.0013	0.00097 J	0.00083 J	<0.001	<0.001	<0.001	<0.001	0.00038 J
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	0.0116	0.0085	0.0134	0.0125	<0.001	0.00064 J	0.0013	0.0017	<0.001	<0.001	<0.001	0.00022 J	<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	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	0.0136	0.0094	0.0108	0.0097	<0.001	0.00055 J	0.00053 J	0.00097 J	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl chloride	mg/L	<0.001	<0.001	<0.001	<0.001	0.0015	0.0014	0.0016	0.0018	<0.001	<0.001	<0.001	<0.001	0.00047 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	<0.003	<0.003	<0.003

Footnotes:
J - Estimated concentration.
R - Rejected.

Table 3

Groundwater Ananalytical Results
Former Fairfax I Site
Kansas City, Kansas

Sample Location:		MW-205B	MW-205B	MW-205B	MW-206A	MW-206A	MW-206A	MW-206A	MW-206B	MW-206B	MW-206B	MW-206B	MW-206C	MW-206C
Sample ID:		WG-071020-SM-014	WG-012621-NL-014	WG-071221-SM-005	WG-013020-NL-013	WG-070920-NL-001	WG-012621-SM-007	WG-071321-SM-010	WG-013020-NL-012	WG-070920-NL-003	WG-012621-SM-009	WG-071321-SM-011	WG-013020-NL-011	WG-071020-NL-013
Sample Date:		7/10/2020	01/26/2021	07/12/2021	1/30/2020	7/9/2020	01/26/2021	07/13/2021	1/30/2020	7/9/2020	01/26/2021	07/13/2021	1/30/2020	7/10/2020
Parameters	Units													
Petroleum Products														
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--
SVOCs - SIM														
Naphthalene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--
VOCs														
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	0.00049 J	<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	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	0.00039 J	<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	<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	<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	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	0.00052 J	<0.001	<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	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.0062	0.0027	0.0058	<0.001	<0.001	0.00029 J	0.00069 J	0.0012	0.0018	0.0016	0.0016	<0.001	<0.001
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<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	<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	<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	<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	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.001	<0.001	<0.001	<0.02	<0.001	<0.001	<0.001	<0.02	<0.001	<0.001	<0.001	<0.02	<0.001
Methyl cyclohexane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<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	<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	<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	<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	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	0.00044 J	0.0002 J	0.00038 J	<0.001	<0.001	<0.001	<0.001	<0.001	0.00022 J	0.00021 J	0.00015 J	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<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	<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	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl chloride	mg/L	0.0012	0.00032 J	0.00039 J	<0.001	<0.001	<0.001	<0.001	0.0022	0.0031	0.0031	0.0017	<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	<0.003	<0.003	<0.003

Footnotes:
J - Estimated concentration.
R - Rejected.

Table 3

Groundwater Ananalytical Results
Former Fairfax I Site
Kansas City, Kansas

Sample Location:		MW-206C		MW-207A	MW-207A	MW-207A	MW-207A	MW-207A	MW-207B	MW-207B	MW-207B	MW-207B	MW-207C
Sample ID:		WG-012621-SM-011	WG-071321-SM-012	WG-013120-NL-023	WG-071320-SM-016	WG-012921-SM-021	WG-071321-SM-006	WG-071321-SM-007	WG-013120-NL-022	WG-071320-SM-020	WG-012921-SM-025	WG-071321-SM-009	WG-013120-NL-021
Sample Date:		01/26/2021	07/13/2021	1/31/2020	7/13/2020	01/29/2021	07/13/2021	07/13/2021 Duplicate	1/31/2020	7/13/2020	01/29/2021	07/13/2021	1/31/2020
Parameters	Units												
Petroleum Products													
High-Range Hydrocarbons (HRH)	mg/L	--	--	<0.20 J	<0.20	<0.20	<0.20	<0.20	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	<0.050	<0.050	<0.050	<0.050	<0.050	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	<0.059 J	<0.060	<0.060	<0.059	<0.060	--	--	--	--	--
SVOCs - SIM													
Naphthalene	mg/L	--	--	<0.00045	<0.00048	<0.0005	<0.0005	<0.0005	--	--	--	--	--
VOCs													
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<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	<0.001	<0.001
1,1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00015 J	<0.001	<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	<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	<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	<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	<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	<0.001	<0.001
1,2-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00014 J	<0.001	<0.001	<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	<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	<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	<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 J	<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 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	0.0014 J	<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 J	<0.01	<0.01
Benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00012 J	0.00016 J	<0.001	0.00015 J	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<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	<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	<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	<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	<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	<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	<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	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	<0.001	<0.001	0.0007 J	0.00094 J	0.00076 J	0.0014	0.0013	0.0169	0.0236	0.0111	0.0254	0.0043
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	<0.001	<0.001
Cyclohexane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00049 J	0.00052 J	0.00045 J	0.00031 J	<0.001
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<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	<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	<0.001	<0.001
Methyl acetate	mg/L	<0.001	<0.001	<0.02	<0.001	<0.001	<0.001	<0.001	<0.02	<0.001	<0.001	<0.001	<0.02
Methyl cyclohexane	mg/L	<0.001	<0.001	<0.001	<0.001	<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	<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	<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	<0.001	<0.001
Tetrachloroethene	mg/L	<0.001	<0.001	0.0032	0.0029	0.0017	0.0015	0.0016	<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	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0011	0.002	0.00095 J	0.0016	0.00032 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	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	0.0005 J	0.00034 J	0.00095 J	0.00034 J	0.00032 J	<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	<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	<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	0.0077	0.0115	0.0073	0.008	0.00041 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	<0.003	<0.003

Footnotes:
J - Estimated concentration.
R - Rejected.

Table 3

Groundwater Ananalytical Results
Former Fairfax I Site
Kansas City, Kansas

Sample Location:		MW-207C	MW-207C	MW-207C	MW-208A	MW-208A	MW-208A	MW-208A	MW-208B	MW-208B	MW-208B	MW-208B	MW-208C
Sample ID:		WG-071320-SM-018	WG-012921-SM-023	WG-071321-SM-008	WG-012920-NL-009	WG-071020-SM-006	WG-012521-SM-001	WG-071221-SM-001	WG-012920-NL-016	WG-071020-SM-008	WG-012521-SM-003	WG-071221-SM-002	WG-012920-NL-010
Sample Date:		7/13/2020	01/29/2021	07/13/2021	1/29/2020	7/10/2020	01/25/2021	07/12/2021	1/29/2020	7/10/2020	01/25/2021	07/12/2021	1/29/2020
Parameters	Units												
Petroleum Products													
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--	--	--	--	--	--
SVOCs - SIM													
Naphthalene	mg/L	--	--	--	--	--	--	--	--	--	--	--	--
VOCs													
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	<0.01	<0.01 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Hexanone	mg/L	<0.01	<0.01 J	<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	<0.01	<0.01
Acetone	mg/L	<0.01	<0.01 J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<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	<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	<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	<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	<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	<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	<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	<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	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00024 J	<0.001	<0.001	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.0044	0.0041	0.0076	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0028
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	<0.001	<0.001
Cyclohexane	mg/L	<0.001	<0.001	<0.001	<0.001	<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	<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	<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	<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	<0.001	<0.001
Methyl acetate	mg/L	<0.001	<0.001	<0.001	<0.02	<0.001	<0.001	<0.001	<0.02	<0.001	<0.001	<0.001	<0.02
Methyl cyclohexane	mg/L	<0.001	<0.001	<0.001	<0.001	<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	<0.001	0.00016 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	<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	<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	<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	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	0.00035 J	0.00031 J	0.00049 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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	<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	<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	<0.001	<0.001	<0.001	<0.001
Vinyl chloride	mg/L	0.00029 J	0.00056 J	0.0014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00022 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	<0.003	<0.003

Footnotes:
J - Estimated concentration.
R - Rejected.

Table 3

Groundwater Ananalytical Results
Former Fairfax I Site
Kansas City, Kansas

Sample Location:		MW-208C	MW-208C	MW-208C	TMW-146	TMW-146	TMW-146	TMW-146	TMW-146	TMW-146	TMW-146
Sample ID:		WG-071020-SM-010	WG-012621-SM-005	WG-071221-SM-003	WG-013120-NL-019	WG-013120-NL-020	WG-071320-SM-026	WG-071320-SM-028	WG-012821-NL-020	WG-012821-NL-022	WG-071321-NL-007
Sample Date:		7/10/2020	01/26/2021	07/12/2021	1/31/2020	1/31/2020 Duplicate	7/13/2020	7/13/2020 Duplicate	01/28/2021	01/28/2021 Duplicate	07/13/2021
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
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050UJ
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	0.078 J-	0.070 J-	<0.061	<0.060	<0.059	<0.060	0.072
SVOCs - SIM											
Naphthalene	mg/L	--	--	--	<0.0005	<0.00048	<0.00053	<0.00050	<0.00053	<0.00053	<0.0005
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 J	<0.01 J	0.0013 J
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 J	<0.01 J	<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 J	<0.01
Benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.0027	0.0018	0.002	0.00029 J	<0.001	0.00032 J	<0.001	0.00018 J	0.00016 J	0.00021 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	0.0001 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	<0.001	<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	<0.001	<0.001
Methyl tert butyl ether (MTBE)	mg/L	0.00028 J	0.00022 J	0.00043 J	<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
Trifluorotrchloroethane (CFC-113)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl chloride	mg/L	0.00019 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00031 J
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:
J - Estimated concentration.
R - Rejected.

Appendices

Appendix A

Field Documentation

7/12/21

RACER

0125594

TASK: Semi-Annual GWM

Personnel: N. LASKARES } GHD
S. MURPHY }

Equip: KS-IP-04; KS-YSI-01; peristaltic pump; Rental SS pumps (UTP10X,); Rental indicator Probes (U824K3X); Rental YSI (U5454X); Truck # 432 & 565

Weather: Overcast; 71°F

PPE: LEVEL D + Covid Policy

08:45 - on-site ⇒ T&SM

↳ Contact GM (Gayle Behr) & get permission for GHD to access property & MWs

08:55 - Contact M. Price (TRADepot) to gain access to MWs beyond locked gates.

09:10 - The 55gal purge water drum from the previous event was missing upon

7/12/21

RACER

0125594

arrival. Called PM. PM will contact Client.

↳ New Drum to be purchased & hidden in different location

09:45 - Begin gauging MWs (see next pg).

↳ All down-well, non-dedicated, equip to be decont. w/ Alconox & distilled water before each use

↳ All IDW (purge water & decon) to be collected & containerized in 55-gal drum, labeled w/ non-HAZ placard.

12:30 - Equipment Calibration (see QSF forms)

12:40 - Begin Sampling MWs according to Sampling plan & LFT procedures (see SP-09 forms for details)

42

7/12/21

RACER

0125594

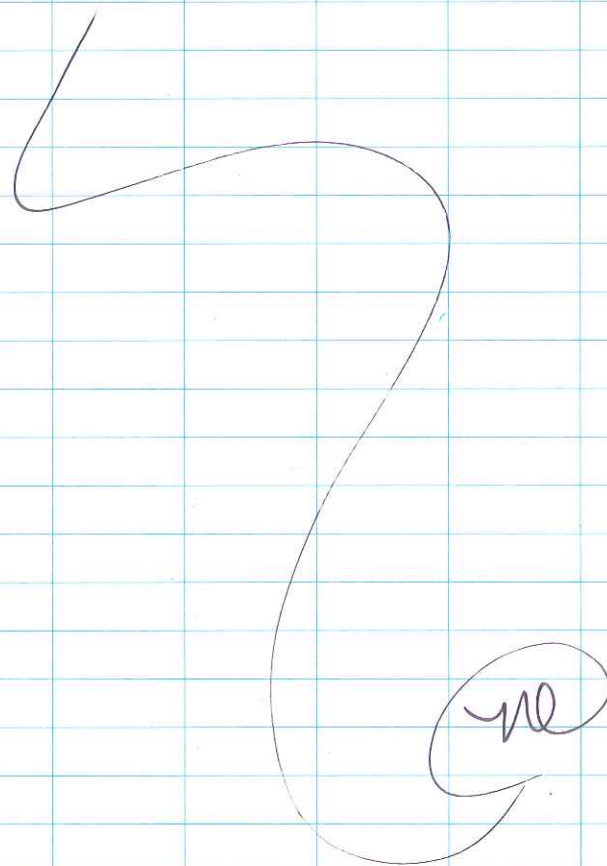
MWID	DTP	DTW	TD	Notes
MW-1A*	-	22.77	37.29	needs new tubing
1B*	-	21.17	86.93	needs new tubing
1C*	-	22.02	107.27	needs new tubing
110A	-	19.75	36.50	
124A	-	23.36	37.08	
124B	-	23.33	61.74	
TNW-146	-	21.18	31.24	
MW-146B	-	21.45	62.31	
146C	-	21.74	94.01	
200	-	19.34	26.97	
201	-	21.41	27.27	
202	-	18.55	27.21	
203	-	19.06	26.90	
204A	-	20.59	27.27	
204B	-	20.54	59.81	
205A	-	19.70	26.98	
205B	-	19.87	59.73	
206A	-	19.80	26.87	
206B	-	19.79	59.73	
206C	-	19.83	89.74	
207A	-	21.68	30.23	
207B	-	21.64	62.66	
207C	-	21.64	92.44	
208A	-	19.57	26.66	
208B	-	19.42	59.39	
208C	-	19.43	89.89	

7/12/21

RACER

0125594⁴³

16:15 - Collect all IDW & put in drum

16:45 - Housekeeping, secure drum;
off-site

Rite in the Rain

7/14/21

RACER

012559A

TASK: Semi-Annual GWM

Personnel: N. LASKARES } GHD
S. Murphy }

Equip: See pg 40

Weather: pty cloudy; 90F

PPE: LEVEL D + Covid-19 policy

09:50 - on site $\Rightarrow$ TASM10:15 - Calibrate Equip
(see QSF forms)10:30 - Continue Sampling MWS
using same sampling, decon;
IDW protocols as before
 $\rightarrow$ see SP-09 forms for
details

15:15 - S. Murphy off-site

- Combine purge/IDW water
& collect IDW sample:
WW-071421-NL-014
(8260 VOCs, LRH, MRH/HRH)

7/14/21

RACER

012559A 47

17:05 - Housekeeping, drums secured &
labeled, off-site~~Samples dropped off @ ACE~~
~~(no samples to be delivered in corner~~
~~on 7/15/21)~~16:05 - Equipment dropped off @
FEI

Sampling Summary Cont'd from pg 48

MWID	Sample Name	Time	Analytes
NW-124A	WG-071421-SM-014	11:50	1
201	WG-071421-SM-015	12:55	1
202	WG-071421-NL-011	13:35	1
203	WG-071421-NL-012	14:45	1
110A	WG-071421-NL-013	16:00	1
IDW	WW-071421-NL-014	16:35	1, 2, 3

1 = 8260 VOCs (3x 40 mL VOCs)

2 = TPH LRH (3x 40 mL VOCs)

3 = TPH MRH/HRH (3x 40 mL VOCs)

4 = 8270 PAH SIM Naphthalene (2x 100 mL)

5 = MS/MSD - 3x Volume (ambient)

IDW - listed on separate CoC

Rite in the Rain

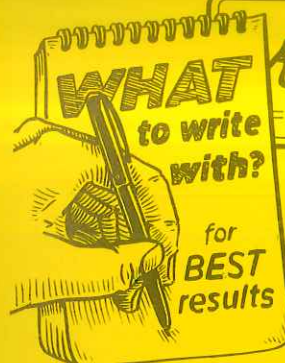
012559A

Sampling Summary

MWID	Sample Name	Time	Analytes
208A	WG-071221-SM-001	12:45	1
208B	WG-071221-SM-002	13:30	1
1A	WG-071221-NL-001	13:35	1
1A (dup)	WG-071221-NL-002	13:45	1
208c	WG-071221-SM-003	14:35	1
1B	WG-071221-NL-003	14:45	1
1c	WG-071221-NL-004	15:45	1
205A	WG-071221-SM-004	15:55	1
205B	WG-071221-SM-005	16:35	1
146B	WG-071321-NL-005	10:30	1
207A	WG-071321-SM-006	11:00	1, 2, 3, 4
207A (dup)	WG-071321-SM-007	12:00	1, 2, 3, 4
146c	WG-071321-NL-006	11:30	1
207c	WG-071321-SM-008	11:45	1
TMW-146	WG-071321-NL-007	12:35	1, 2, 3, 4
207B	WG-071321-SM-009	12:45	1
205A	WG-071321-SM-010	15:05	1
205B	WG-071321-SM-011	15:50	1
204A	WG-071321-NL-008	16:00	1
205c	WG-071321-SM-012	16:55	1
204B	WG-071321-NL-009	17:15	1
124B	WG-071421-SM-013	11:00	1
200	WG-071421-NL-010	11:50	1

↪ continued on pg 47

7 no



for
BEST
results

USE WET OR DRY

most pens stop writing when wet

- ALL PENCILS
- *RITE IN THE RAIN PENS*
- WAX MARKERS
- CRAYONS
- OIL PASTELS / PAINT

WHEN DRY ONLY

what you write won't wash off

- PERMANENT MARKERS
- STANDARD BALLPOINTS

WON'T WORK

water-based inks bead off sheet

- GEL PENS
- MOST HIGHLIGHTERS
- FOUNTAIN PENS
- WATER COLORS
- ACRYLIC PAINT

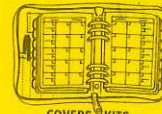
EQUIPPING MULTIPLE INDUSTRIES WORLD-WIDE



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**RITE
GREEN**



Archiva

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

Project Data:

Project Name: Fairfax River
Ref. No.: 012559A

Date: 7/12/21
Personnel: S. Murphy

Monitoring Well Data:

Well No.: MW-208A
Vapour PID (ppm): _____
Measurement Point: _____
Constructed Well Depth (m/ft): _____
Measured Well Depth (m/ft): 26.73
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): 19.57

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		
1205	150										
1210	↑	19.60	.03	16.84	950		4.68	6.72	-53.8		
1215		19.61	.04								
1220		19.61	.04	17.12	949		4.18	6.74	-36.7		
1225		19.61	.04	17.54	951		3.98	6.75	-30.4		
1230		19.61	.04	17.38	951		3.62	6.75	-20.2		
1235	↓	19.61	.04	17.55	955		3.53	6.75	-16.7		
1240	○	19.61	.04	17.61	959		3.28	6.76	-15.2		
1245	Sample										

Sample ID: WB-071221-SM-001

Sample Time: 1245

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

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

Project Data:

Project Name: Fairfax Racer
Ref. No.: 012559A

Date: 7/12/21
Personnel: S. Murphy

Monitoring Well Data:

Well No.: MW-208 B
Vapour PID (ppm): _____
Measurement Point: _____
Constructed Well Depth (m/ft): _____
Measured Well Depth (m/ft): 55.44
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): 19.42

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		
1255	250	19.42		16.99	1.557		2.40	7.19	-12.8		
1300		19.43	.01	17.19	1.1265		.89	7.06	-143.9		
1305		19.43	.01	17.96	1.278		.80	7.08	-144.6		
1310		19.43	.01	18.40	1.295		.81	7.08	-142.0		
1315		19.43	.01	17.20	1.250		.81	7.09	-142.1		
1320		19.43	.01	17.46	1.247		.77	7.09	-148.7		
1325	0			17.29	1.238		.77	7.10	-139.3		
1330											

Sample ID: WB-071221-SM-002

Sample Time: 1330

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

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

Project Data:

Project Name: PAIER
Ref. No.: 012559A

Date: 7/12/21
Personnel: N. LASKARES

stick-up
SS pump

Monitoring Well Data:

Well No.: MW-2 MW-14
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): 22.77

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		
12:50	350	22.77	0.01	11.36	0.581	Turbid	6.33	5.95	-48.9		
:55	300	"	"	11.64	0.587	clearing	5.06	6.37	-53.9		
13:00	"	"	"	11.63	0.603	"	4.19	6.54	-51.1		
:05	"	"	"	11.67	0.603	"	3.21	6.63	-57.3		
:10	"	"	"	11.73	0.604	clear	2.49	6.74	-61.2		
:15	"	"	"	11.84	0.604	"	2.21	6.87	-66.9		
:20	"	"	"	11.97	0.603	"	1.94	6.89	-69.3		
:25	"	"	"	12.06	0.600	"	1.76	6.95	-70.8		
:30	300	22.77	0.01	12.11	0.602	clear	1.70	6.98	-68.1		

Sample ID: WG-071221-NL-001

Sample Time: 13:35

Notes: Duplicate: WG-071221-NL-002

@ 13:45

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

260 VCS

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

Project Data:

Project Name: Fairfax Racer
Ref. No.: 012559A

Date: 7/12/21
Personnel: S. Murphy

Monitoring Well Data:

Well No.: MW-288 c
Vapour PID (ppm): _____
Measurement Point: _____
Constructed Well Depth (m/ft): _____
Measured Well Depth (m/ft): 40.01
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): 19.43

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		
1345	200	19.47		18.35	1.002		5.41	7.34	-23.6		
1350											
1355		19.49	.06	17.35	1.117		.81	7.10	-113.8		
1400		19.50	.07	18.02	1.136		.71	7.11	-112.3		
1405		19.51	.08	17.75	1.133		.65	7.12	-132.8		
1410		19.51	.08	18.01	1.140		.68	7.12	-125.3		
1415		19.51	.08	18.18	1.143		.65	7.12	-123.4		
1420		19.51	.08	17.96	1.125		.68	7.14	-132.1		
1425				17.29	1.119		.69	7.15	-134.7		
1430				16.95	1.113		.67	7.16	-131.2		
1435	Sample										

Sample ID: WB-071221-SM-003

Sample Time: 1435

Notes:

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

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

Project Data:

Project Name: RACER
Ref. No.: 012559A

Date: 7/12/2021
Personnel: N. LASKARIS

Monitoring Well Data:

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): 21.17

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		
14:00	300	0.00	21.17	12.77	0.563	CLEAR	1.34	7.45	-86.7		
:05	"	"	"	12.66	0.569	"	1.06	7.51	-93.2		
:10	"	"	"	12.58	0.590	"	0.79	7.75	-115.3		
:15	"	"	"	12.59	0.653	"	0.70	7.77	-115.8		
:20	"	"	"	13.00	0.660	"	0.68	7.82	-113.5		
:25	"	"	"	13.59	0.664	"	0.53	7.87	-112.4		
:30	"	"	"	13.99	0.665	"	0.50	7.90	-111.6		
:35	300	0.00	21.17	14.26	0.669	CLEAR	0.45	7.94	-110.3		

Sample ID:

WG-071221-NL-003

Sample Time:

14:45

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, $V_s = \pi(r^2)L$ 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
- The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.
- Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = V_p/V_s .
- For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

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

Project Data:

Project Name: RACER
Ref. No.: 012559A

Date: 7/12/21
Personnel: N. LASKAKES

Monitoring Well Data:

Well No.: MW-1C
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): 22.02

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level ⁽³⁾ (m/ft)	Temperature °C	Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, V _p (L)	No. of Well Screen Volumes Purged ⁽⁴⁾
Precision Required ⁽⁵⁾ :				±3 %	±0.005 or 0.01 ⁽⁶⁾	±10 %	±10 %	±0.1 Units	±10 mV		
15:00	275	22.02	0.00	12.31	0.557	CLOUDY	1.95	8.11	-110.0		
:05	"	"	"	12.32	0.5106	CLOUDY	1.08	8.07	-109.1		
:10	"	"	"	12.33	0.570	CLOUDY	0.39	8.01	-109.3		
:15	"	"	"	12.28	0.570	"	0.43	8.01	-111.1		
:20	"	"	"	12.25	0.570	"	0.42	8.02	-115.6		
:25	"	"	"	12.23	0.569	"	0.39	8.03	-119.3		
:30	"	"	"	12.19	0.570	"	0.39	8.03	-120.7		
:55	275	22.02	0.00	12.16	0.570	CLOUDY	0.36	8.04	-124.4		

Sample ID: WGA-071221-NL-004

Sample Time: 15:45

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, $V_s = \pi * (r^2) * L$ 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
- The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 500 mL/min.
- Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged = V_p/V_s .
- For conductivity, the average value of three readings <1 mS/cm ±0.005 mS/cm or where conductivity >1 mS/cm ±0.01 mS/cm.

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

Project Data:

Project Name: Fairfax Racer
Ref. No.: 012559A

Date: 7/12/21
Personnel: S. Murphy

Monitoring Well Data:

Well No.: MW-205A
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): 2"
Well Screen Volume, V_s (L)⁽²⁾: _____
Initial Depth to Water (m/ft): 19.70

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		
1530	250	19.72	—	19.55	1.533		0.01	6.89	11.2		
1535		19.70	—								
1540		19.70	—	18.59	1.491		0.08	6.68	19.7		
1545		19.72	.02	18.47	1.483		0.02	6.68	24.3		
1550		19.73	.03	18.30	1.479		0.03	6.68	26.8		
1555	Sample										

Sample ID:

WG-071221-SM-004

Sample Time:

1555

Notes:

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

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

Project Data:

Project Name: Fairfax Racer
Ref. No.: 012559A

Date: 7/12/21
Personnel: S. Murphy

Monitoring Well Data:

Well No.: MW-205B
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): 2"
Well Screen Volume, V_s (L)⁽²⁾: _____
Initial Depth to Water (m/ft): 19.87

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		
1600	200	19.90		19.29	889		8.21	9.02	41.2		
1605											
1610											
1615		19.93	06	18.54	1,271		.89	6.92	-110.7		
1620		19.93	06	18.72	1,292		.74	6.94	-126.5		
1625		19.93	06	18.93	1,301		.71	6.94	-131.2		
1630		19.93	06	19.02	1,306		.69	6.95	-139.1		
1635	Sample										

Sample ID: WG-071221-SM-005

Sample Time: 1635

Notes:

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

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

Project Data:

Project Name: RACER
Ref. No.: 012559A

Date: 7/13/2021
Personnel: N. LASKARES

SS pump

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): 21.45

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		
09:45	300	21.45	0.00	10.81	0.636	CLOUDY	10.40	9.40	-83.6		
50	"	"	"	10.92	0.638	CLEARING	3.92	9.03	-81.4		
55	"	"	"	11.11	0.640	"	3.00	8.69	-79.6		
10:00	"	"	"	11.06	0.644	"	1.59	8.54	-79.0		
:05	"	"	"	11.03	0.648	CLEAR	1.28	8.43	-78.4		
:10	"	"	"	11.07	0.650	"	0.99	8.40	-78.1		
:15	"	"	"	11.12	0.651	CLEAR	0.84	8.30	-77.7		
:20	300	21.45	0.00	11.15	0.654	CLEAR	0.79	8.22	-74.3		

Sample ID: WG-071321-NL-005

Sample Time: 10:30

Notes:

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

8260 VOCs

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

Project Data:

Project Name: Fairfax River
Ref. No.: 0125594

Date: 7/13/21
Personnel: S. Murphy

Monitoring Well Data:

Well No.: MW 207A
Vapour PID (ppm): —
Measurement Point: —
Constructed Well Depth (m/ft): —
Measured Well Depth (m/ft): 31.29
Depth of Sediment (m/ft): —

Saturated Screen Length (m/ft): —
Depth to Pump Intake (m/ft)⁽¹⁾: 2"
Well Diameter, D (cm/in): 2"
Well Screen Volume, V_s (L)⁽²⁾: —
Initial Depth to Water (m/ft): 21.68

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		
1015	250			17.36	1.357		1.64	6.70	-1.1		
1020				18.09	1.390		1.31	6.74	01.0		
1028		21.68		17.57	1.3816		1.18	6.74	6.0		
1030		Lost Power to pump									
1035		21.68	0		1.453		3.14	6.78	20.7		
1040		21.68	0	17.48	1.395		1.21	6.73	23.0		
1045		21.68	0	17.05	1.381		.90	6.74	25.0		
1050		21.68	0	16.95	1.378		.83	6.74	26.7		
1055				16.83	1.371		.77	6.74	28.7		
1100	Sample										

Sample ID:

WB-071321-SM-006

Sample Time:

1100

Notes:

WB-071321-SM-007

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

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

Project Data:

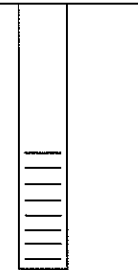
Project Name: RACER
Ref. No.: 012559A

Date: 7/13/2021
Personnel: N. LASKARES

Monitoring Well Data:

Well No.: MW-146C
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): 21.74



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		
10:55	320	21.75	0.01	12.31	0.593	CLOUDY	2.94	8.15	-72.6		
11:00	300	21.76	0.02	11.51	0.590	CLEARING	2.83	8.17	-75.4		
:05	275	"	"	11.31	0.587	"	1.99	8.19	-77.3		
:10	"	"	"	11.22	0.583	CLEAR	1.26	8.18	-79.4		
:15	"	"	"	11.20	0.581	"	0.52	8.21	-81.4		
:20	"	"	"	11.29	0.585	"	0.51	8.19	-81.1		
:30	275	21.76	0.02	11.38	0.589	CLEAR	0.50	8.17	-80.9		

Sample ID: WQ- 071321- NL- 006

Sample Time: 11:30

Notes:

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

8260 VOCs

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

Project Data:

Project Name: Fairfax Racer
Ref. No.: 012559A

Date: 7/13
Personnel: S. Murphy

Monitoring Well Data:

Well No.: MW-207 C
Vapour PID (ppm):
Measurement Point:
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft): 42.78
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): 21.64

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		
1115	200			18.24	.902		6.03	7.16	4.6		
1120											
1125				17.21	.951		11	7.04	-113.7		
1130		21.65	.01	17.05	.965		.02	7.07	-128.0		
1135		21.66	.02	17.18	.967		.03	7.07	-122.5		
1140		21.67	.03	18.26	.961		.03	7.07	-130.9		
1145											

Sample ID: W6-071321-SM-008

Sample Time: 1145

Notes:

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

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

Project Data:

Project Name: RACER
Ref. No.: 012559A

Date: 7/13/21
Personnel: N. Laskeles

Peristaltic

Monitoring Well Data:

Well No.: TMW-146
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): 21.18

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 ⁽⁶⁾ :				±3 %	±0.005 or 0.01 ⁽⁶⁾	±10 %	±10 %	±0.1 Units	±10 mV		
11:45	200	21.18	0.00	19.09	0.666	TURBID	3.18	7.95	-66.3		
:50	200	"	"	22.19	0.714	CLOUDY	0.46	7.50	-84.5		
:55	"	"	"	22.99	0.721	CLEARING	0.41	7.54	-84.0		
12:00	"	"	"	24.04	0.731	"	0.38	6.87	-80.5		
:05	"	"	"	21.75	0.666	"	0.33	6.89	-80.3		
:10	"	"	"	19.42	0.625	"	0.32	6.94	-81.2		
:15	"	"	"	17.39	0.609	CLEAR	0.39	7.05	-80.6		
:20	"	"	"	17.27	0.605	"	0.36	7.09	-80.1		
:25	200	21.18	0.00	17.11	0.600	CLEAR	0.34	7.10	-80.7		

Sample ID: WG-071321-NL-007

Sample Time: 12:35

Notes:

MS/MSD x 3 volume

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

*8260 VOCs
TPH LPH
TPH MHH/HRH
8270 Naphthalene*

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

Project Data:

Project Name: Fairfax Racer
Ref. No.: 012559A

Date: 7/13/21
Personnel: S. Murphy

Monitoring Well Data:

Well No.: MW-207B
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): 2"
Well Screen Volume, V_s (L)⁽²⁾: _____
Initial Depth to Water (m/ft): 21.64

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		
1210	230	21.64	0	19.09	1.069		2.48	7.36	-110.8		
1215		21.64	0	19.15	1.204		1.30	7.21	-127.2		
1220		21.64	0	19.21	1.231		.65	7.15	-135.8		
1225		21.64	0	19.51	1.139		.47	7.17	-141.6		
1230		21.64	0	20.45	1.122		.31	7.15	-134.4		
1235				20.46	1.113		.34	7.12	-133.1		
1240				19.42	1.099		.35	7.13	-130.4		
1245	Sample										

Sample ID: WG-071321-S.M-009

Sample Time: 1245

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

Project Data:

Date: 7/13/21
Personnel: S. Murphy

Monitoring Well Data:

Well No.: MW 105A (M)
 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): 2.1
 Well Screen Volume, V_s (L)⁽²⁾:
 Initial Depth to Water (m/ft): 19.80

[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, $V_s = \pi r^2 \cdot L$ in mL, where r ($=D/2$) and L are in cm. For Imperial units, $V_s = \pi r^2 \cdot L \cdot (2.54)^3$, where r and L are in inches
- (3) The drawdown from the initial water level should not exceed 0.31 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.

W6-071321-SM-010 @ 1505

8260

Project Data:

Date: 7/13/21
Personnel: S. Murphy

Well No.: MW-205B - MW-206B

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): 9.79

Notes:

- W6-071321-SM-011 @ 1550

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

Project Data:

Project Name: RACER
Ref. No.: 012559A

Date: 7/13/21
Personnel: N. LASKALES

S.S. pump

Monitoring Well Data:

Well No.: MW-204A
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): 20.59

X

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level ⁽³⁾ (m/ft)	Temperature °C	Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, V _p (L)	No. of Well Screen Volumes Purged ⁽⁴⁾
Precision Required ⁽⁵⁾ :				±3 %	±0.005 or 0.01 ⁽⁶⁾	±10 %	±10 %	±0.1 Units	±10 mV		
15:20	275	20.61	0.02	13.30	0.933	TURBID	11.49	7.53	-91.9		
:25	"	"	"	12.78	0.922	CLOUDY	7.28	7.01	-75.9		
:30	"	"	"	12.77	0.929	CLEARING	5.24	6.93	-71.2		
:35	"	"	"	12.77	0.937	CLEAR	3.19	6.75	-69.3		
:40	"	"	"	12.79	0.943	"	1.40	6.64	-64.9		
:45	"	"	"	12.63	0.944	"	1.05	6.60	-65.3		
:50	"	"	"	12.61	0.944	"	0.83	6.59	-66.6		
:55	275	20.61	0.02	12.44	0.943	CLEAR	6.77	6.57	-67.7		

Sample ID: WE-071321-NL-008

Sample Time: 16:00

Notes:

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

8260 Vols

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Fairfax River
Ref. No.: 012559A

Date: 7/13/21
Personnel: S. Murphy

Monitoring Well Data:

Well No.: MW-206C
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): 2"
Well Screen Volume, V_s (L)⁽²⁾: /
Initial Depth to Water (m/ft): 19.83

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		
1615	260	19.84		19.26	.931		3.78	10.02	-206.8		
1620		19.85	.02	19.37	.892		.60	7.79	-178.3		
1625		19.85	.02	15.10	.902		.45	7.41	-152.7		
1630		19.85	.02	18.67	.890		.41	7.38	-152.1		
1635		19.85	.02	18.88	.895		.33	7.38	-135.3		
1640				17.71	.875		.32	7.37	-146.7		
1645				17.50	.870		.31	7.37	-143.7		
1650				17.30	.868		.30	7.37	-137.7		
1655	Sample										

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.

WG-071321-SM-012 @ 1655

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

Project Data:

Project Name: RACER
Ref. No.: 012559A

Date: 7/13/21
Personnel: N. LASKARES

Monitoring Well Data:

Well No.: MW-204B
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): 20.54

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		
16:20	320	20.55	0.01	14.63	0.575	CLOUDY	5.36	6.92	-67.3		
:25	"	"	"	14.13	0.842	"	2.77	6.98	-79.7		
:30	"	"	"	14.73	0.911	CLEARING	2.13	6.99	-80.1		
:35	"	"	"	15.21	1.003	"	1.53	6.99	-81.6		
:40	"	"	"	15.43	1.057	"	1.07	6.98	-83.4		
:45	"	"	"	16.19	1.074	CLEAR	0.95	6.99	-87.1		
:50	"	"	"	15.33	0.979	"	0.88	6.97	-87.0		
:55	"	"	"	15.21	0.969	"	0.79	6.95	-86.3		
17:00	"	"	"	14.83	0.963	"	0.62	6.93	-85.9		
:05	320	20.55	0.07	14.75	0.959	CLEAR	0.55	6.92	-85.6		

Sample ID:

WG-071312

Sample Time:

17:15

Notes:

071321 - NL-009

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

8260 VOCs

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Fairfax Racer
 Ref. No.: 012559A

Date: 7/14/21
 Personnel: S. Murphy

Monitoring Well Data:

Well No.: MW-124 #B
 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): 2"
 Well Screen Volume, V_s (L)⁽²⁾: —
 Initial Depth to Water (m/ft): 23.33

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		
1010	200	23.34		18.16	1.013		7.49	7.57	24.9		
1015		23.34	.01	16.97	1.201		4.29	7.01	-134.6		
1020		23.35	02								
1025		23.35	02	16.77	6.211		5.27	7.03	-131.7		
1030		23.35	02	16.84	1.213		3.52	7.05	-132.4		
1035		23.35	02	17.22	1.222		2.73	7.06	-140.1		
1040				17.28	1.224		2.38	7.06	-140.0		
1045				17.37	1.228		2.10	7.07	-134.4		
1050				17.68	1.232		1.97	7.07	-133.3		
1055				17.82	1.235		1.91	7.07	-136.2		
1100	Sample										

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.

W6-071421-SM-013 @ 1100

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

Project Data:

Project Name: RACER
Ref. No.: 012559A

Date: 7/14/2021
Personnel: N. LAZARUS

Monitoring Well Data:

Well No.: MW-200
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): 19.34

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level ⁽³⁾ (m/ft)	Temperature °C	Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, V _p (L)	No. of Well Screen Volumes Purged ⁽⁴⁾
Precision Required ⁽⁵⁾ :				±3 %	±0.005 or 0.01 ⁽⁶⁾	±10 %	±10 %	±0.1 Units	±10 mV		
11:00	275	19.35	0.01	11.88	1.036	CLEAR	10.13	7.28	-75.9		
:05	"	"	"	11.46	1.013	"	7.33	7.18	-72.0		
:10	"	19.36	0.02	11.28	1.009	"	4.04	6.57	-52.1		
:15	"	"	"	12.41	1.010	"	3.94	6.66	-54.0		
:20	"	"	"	12.93	1.073	"	3.89	6.69	-55.5		
:25	"	"	"	14.00	1.110	"	3.75	6.72	-57.4		
:30	"	19.37	0.03	13.63	1.111	"	3.00	6.80	-60.8		
:35	"	"	"	13.54	1.113	"	2.79	6.84	-66.3		
:40	275	19.37	0.03	14.04	1.115	CLEAR	2.63	6.86	-69.5		

Sample ID: WA-071421-NL-010

Sample Time: 11:50

Notes:

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

5260 VCS

Project Data:

Date: 7/14/21
Personnel: S. Murphy

Monitoring Well Data:

Monitoring Well Data:

Well No.:	MW 124 A
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): 2"
 Well Screen Volume, V_s (L)⁽²⁾: _____
 Initial Depth to Water (m/ft): 23.360

[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, $V_s = \pi(r^2) \cdot L$ in mL, where r (r=D/2) and L are in cm. For Imperial units, $V_s = \pi(r^2) \cdot L \cdot (2.54)^3$, 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 ± 0.005 mS/cm or where conductivity >1 mS/cm ± 0.01 mS/cm.

Wb-071421-SM-014 @ 1150

Project Data:

Project Name: Fairfax Racer
Ref. No.: 012539A

Date: 7/14/21
Personnel: S Murphy

Monitoring Well Data:

Well No.: 100
Vapour PID (ppm): 2
Measurement Point: 2
Constructed Well Depth (m/ft): 2
Measured Well Depth (m/ft): 2
Depth of Sediment (m/ft): 2

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): 21.41

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

WB-071421-SM- 015 @ 1255

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

Project Data:

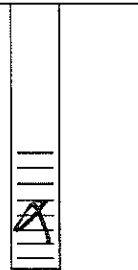
Project Name: DACER
Ref. No.: 012559A

Date: 7/14/2021
Personnel: N. LAKES

Monitoring Well Data:

Well No.: MW-202
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): 18.55



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		
12:45	280	18.57	0.02	15.77	1.105	CLOUDY	10.05	7.03	-67.0		
:50	"	"	"	15.37	0.883	"	3.97	6.97	-64.4		
:55	"	"	"	15.64	0.884	"	2.25	6.71	-45.4		
13:00	"	"	"	15.77	0.879	CLEARING	1.43	6.65	-45.6		
:05	"	"	"	16.21	0.878	CLEAR	0.87	6.87	-62.0		
:10	"	"	"	16.31	0.882	"	0.75	6.87	-63.9		
:15	"	"	"	16.33	0.807	"	0.70	6.87	-64.1		
:20	280	18.57	0.02	16.33	0.819	CLEAR	0.67	6.86	-64.4		

Sample ID: WQ-071421-NL-011

Sample Time: 13:35

Notes:

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

8260 VCS

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

Project Data:

Project Name: RACER
Ref. No.: 0125594

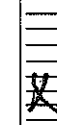
Date: 7/14/21
Personnel: N-LASKAS

SS pump

Monitoring Well Data:

Well No.: MW-203
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): 19.06



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		
13:45	245	19.07	0.01	14.74	1.502	CLEAR	8.03	7.29	-70.5		
:50	"	"	"	14.59	1.477	"	7.00	7.11	-66.3		
:55	"	"	"	14.34	1.469	"	5.11	6.96	-50.3		
14:00	"	"	"	13.83	1.481	"	4.91	6.75	-46.2		
:05	"	"	"	13.62	1.487	"	4.60	6.71	-47.4		
:10	"	"	"	13.88	1.533	"	4.53	6.85	-53.3		
:15	"	"	"	14.17	1.602	"	4.28	6.93	-59.2		
:20	"	"	"	14.29	1.669	"	4.57	7.07	-64.2		
:25	"	"	"	14.33	1.949	"	4.63	7.10	-66.6		
:30	"	"	"	14.27	1.955	"	4.59	7.11	-69.4		
:35	245	19.07	0.01	14.19	1.961	CLEAR	4.62	7.12	-70.4		

Sample ID:

W01-071421-NL-012

Sample Time:

14:45

Notes:

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

Project Data:

Project Name: KACER
Ref. No.: 012539A

Date: 7/14/21
Personnel: N. LASKALIS

peristaltic

Monitoring Well Data:

Well No.: MW-110A
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): 19.75

[illegible]

Sample ID:

WG- ~~671221~~²² - NL- 013

Sample Time:

16:50

Notes:

071424

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

Appendix B

Laboratory Analytical Report

July 29, 2021

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

RE: Project: 012559A GM RACER Fairfax
Pace Project No.: 60375182

Dear Travis Kogl:

Enclosed are the analytical results for sample(s) received by the laboratory on July 15, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Kansas City

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

Sincerely,



Nolie Wood
nolie.wood@pacelabs.com
1(913)563-1401
Project Manager

Enclosures

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



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Pace Analytical Services Kansas

9608 Loiret Boulevard, Lenexa, KS 66219

Missouri Inorganic Drinking Water Certification #: 10090

Arkansas Drinking Water

Arkansas Certification #: 20-020-0

Arkansas Drinking Water

Illinois Certification #: 200030

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 #: T104704407-19-12

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: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60375182001	WG-071221-NL-001	Water	07/12/21 13:35	07/15/21 13:45
60375182002	WG-071221-SM-001	Water	07/12/21 12:45	07/15/21 13:45
60375182003	WG-071221-SM-002	Water	07/12/21 13:30	07/15/21 13:45
60375182004	WG-071221-NL-002	Water	07/12/21 13:45	07/15/21 13:45
60375182005	WG-071221-SM-003	Water	07/12/21 14:35	07/15/21 13:45
60375182006	WG-071221-NL-003	Water	07/12/21 14:45	07/15/21 13:45
60375182007	WG-071221-NL-004	Water	07/12/21 15:45	07/15/21 13:45
60375182008	WG-071221-SM-004	Water	07/12/21 15:55	07/15/21 13:45
60375182009	WG-071221-SM-005	Water	07/12/21 16:35	07/15/21 13:45
60375182010	WG-071321-SM-006	Water	07/13/21 11:00	07/15/21 13:45
60375182011	WG-071321-SM-007	Water	07/13/21 12:00	07/15/21 13:45
60375182012	WG-071321-NL-006	Water	07/13/21 11:30	07/15/21 13:45
60375182013	WG-071321-SM-008	Water	07/13/21 11:45	07/15/21 13:45
60375182014	WG-071321-NL-007	Water	07/13/21 12:35	07/15/21 13:45
60375182015	WG-071321-SM-009	Water	07/13/21 12:45	07/15/21 13:45
60375182016	WG-071321-SM-010	Water	07/13/21 15:05	07/15/21 13:45
60375182017	WG-071321-SM-011	Water	07/13/21 15:50	07/15/21 13:45
60375182018	WG-071321-NL-008	Water	07/13/21 16:00	07/15/21 13:45
60375182019	WG-071321-SM-012	Water	07/13/21 16:55	07/15/21 13:45
60375182020	WG-071321-NL-009	Water	07/13/21 17:15	07/15/21 13:45
60375182021	WG-071421-SM-013	Water	07/14/21 11:00	07/15/21 13:45
60375182022	WG-071421-NL-010	Water	07/14/21 11:50	07/15/21 13:45
60375182023	WG-071421-SM-014	Water	07/14/21 11:50	07/15/21 13:45
60375182024	WG-071421-SM-015	Water	07/14/21 12:55	07/15/21 13:45
60375182025	WG-071421-NL-011	Water	07/14/21 13:35	07/15/21 13:45
60375182026	WG-071421-NL-012	Water	07/14/21 14:45	07/15/21 13:45
60375182027	WG-071421-NL-013	Water	07/14/21 16:00	07/15/21 13:45
60375182028	Trip Blank	Water	07/12/21 00:00	07/15/21 13:45
60375182029	WG-071321-NL-005	Water	07/13/21 10:30	07/15/21 13:45

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60375182001	WG-071221-NL-001	EPA 5030B/8260	PGH	52	PASI-K
60375182002	WG-071221-SM-001	EPA 5030B/8260	PGH	52	PASI-K
60375182003	WG-071221-SM-002	EPA 5030B/8260	PGH	52	PASI-K
60375182004	WG-071221-NL-002	EPA 5030B/8260	PGH	52	PASI-K
60375182005	WG-071221-SM-003	EPA 5030B/8260	PGH	52	PASI-K
60375182006	WG-071221-NL-003	EPA 5030B/8260	PGH	52	PASI-K
60375182007	WG-071221-NL-004	EPA 5030B/8260	PGH	52	PASI-K
60375182008	WG-071221-SM-004	EPA 5030B/8260	PGH	52	PASI-K
60375182009	WG-071221-SM-005	EPA 5030B/8260	PGH	52	PASI-K
60375182010	WG-071321-SM-006	EPA 8015C	AHS	3	PASI-K
		KS LRH: EPA 5030B/8015C	JLO	3	PASI-K
		EPA 8270C by SIM	JMT	3	PASI-K
		EPA 5030B/8260	PGH	52	PASI-K
60375182011	WG-071321-SM-007	EPA 8015C	AHS	3	PASI-K
		KS LRH: EPA 5030B/8015C	JLO	3	PASI-K
		EPA 8270C by SIM	JMT	3	PASI-K
		EPA 5030B/8260	PGH	52	PASI-K
60375182012	WG-071321-NL-006	EPA 5030B/8260	PGH	52	PASI-K
60375182013	WG-071321-SM-008	EPA 5030B/8260	PGH	52	PASI-K
60375182014	WG-071321-NL-007	EPA 8015C	AHS	3	PASI-K
		KS LRH: EPA 5030B/8015C	JLO	3	PASI-K
		EPA 8270C by SIM	JMT	3	PASI-K
		EPA 5030B/8260	PGH	52	PASI-K
60375182015	WG-071321-SM-009	EPA 5030B/8260	PGH	52	PASI-K
60375182016	WG-071321-SM-010	EPA 5030B/8260	PGH	52	PASI-K
60375182017	WG-071321-SM-011	EPA 5030B/8260	PGH	52	PASI-K
60375182018	WG-071321-NL-008	EPA 5030B/8260	PGH	52	PASI-K
60375182019	WG-071321-SM-012	EPA 5030B/8260	PGH	52	PASI-K
60375182020	WG-071321-NL-009	EPA 5030B/8260	PGH	52	PASI-K
60375182021	WG-071421-SM-013	EPA 5030B/8260	PGH	52	PASI-K
60375182022	WG-071421-NL-010	EPA 5030B/8260	PGH	52	PASI-K
60375182023	WG-071421-SM-014	EPA 5030B/8260	PGH	52	PASI-K
60375182024	WG-071421-SM-015	EPA 5030B/8260	PGH	52	PASI-K
60375182025	WG-071421-NL-011	EPA 5030B/8260	PGH	52	PASI-K
60375182026	WG-071421-NL-012	EPA 5030B/8260	PGH	52	PASI-K
60375182027	WG-071421-NL-013	EPA 5030B/8260	PGH	52	PASI-K
60375182028	Trip Blank	EPA 5030B/8260	PGH	52	PASI-K

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60375182029	WG-071321-NL-005	EPA 5030B/8260	PGH	52	PASI-K

PASI-K = Pace Analytical Services - Kansas City

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: **WG-071221-NL-001** Lab ID: **60375182001** Collected: 07/12/21 13:35 Received: 07/15/21 13:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	2.5	1		07/20/21 10:02	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/20/21 10:02	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 10:02	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 10:02	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 10:02	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/20/21 10:02	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 10:02	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 10:02	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/20/21 10:02	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 10:02	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 10:02	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 10:02	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/20/21 10:02	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 10:02	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 10:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 10:02	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 10:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 10:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 10:02	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 10:02	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/20/21 10:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 10:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 10:02	75-35-4	
cis-1,2-Dichloroethene	0.23J	ug/L	1.0	0.13	1		07/20/21 10:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/20/21 10:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 10:02	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 10:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 10:02	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 10:02	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 10:02	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 10:02	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 10:02	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 10:02	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 10:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 10:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/20/21 10:02	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 10:02	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 10:02	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/20/21 10:02	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 10:02	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 10:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 10:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 10:02	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/20/21 10:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 10:02	75-69-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071221-NL-001		Lab ID: 60375182001		Collected: 07/12/21 13:35		Received: 07/15/21 13:45		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									
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		07/20/21 10:02	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/20/21 10:02	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 10:02	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	80-120		1		07/20/21 10:02	460-00-4	
Toluene-d8 (S)	101	%	80-120		1		07/20/21 10:02	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	102	%	80-120		1		07/20/21 10:02	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 10:02		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: **WG-071221-SM-001** Lab ID: **60375182002** Collected: 07/12/21 12:45 Received: 07/15/21 13:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	2.5	1		07/20/21 10:16	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/20/21 10:16	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 10:16	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 10:16	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 10:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/20/21 10:16	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 10:16	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 10:16	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/20/21 10:16	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 10:16	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 10:16	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 10:16	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/20/21 10:16	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 10:16	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 10:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 10:16	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 10:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 10:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 10:16	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 10:16	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/20/21 10:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 10:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 10:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		07/20/21 10:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/20/21 10:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 10:16	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 10:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 10:16	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 10:16	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 10:16	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 10:16	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 10:16	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 10:16	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 10:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 10:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/20/21 10:16	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 10:16	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 10:16	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/20/21 10:16	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 10:16	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 10:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 10:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 10:16	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/20/21 10:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 10:16	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071221-SM-001		Lab ID: 60375182002		Collected: 07/12/21 12:45		Received: 07/15/21 13:45		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							
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		07/20/21 10:16	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/20/21 10:16	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 10:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120		1		07/20/21 10:16	460-00-4	
Toluene-d8 (S)	99	%	80-120		1		07/20/21 10:16	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	97	%	80-120		1		07/20/21 10:16	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 10:16		

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071221-SM-002 **Lab ID: 60375182003** Collected: 07/12/21 13:30 Received: 07/15/21 13:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/20/21 10:31	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/20/21 10:31	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 10:31	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 10:31	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 10:31	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/20/21 10:31	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 10:31	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 10:31	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/20/21 10:31	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 10:31	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 10:31	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 10:31	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/20/21 10:31	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 10:31	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 10:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 10:31	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 10:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 10:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 10:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 10:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/20/21 10:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 10:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 10:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		07/20/21 10:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/20/21 10:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 10:31	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 10:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 10:31	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 10:31	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 10:31	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 10:31	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 10:31	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 10:31	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 10:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 10:31	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/20/21 10:31	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 10:31	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 10:31	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/20/21 10:31	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 10:31	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 10:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 10:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 10:31	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/20/21 10:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 10:31	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071221-SM-002		Lab ID: 60375182003		Collected: 07/12/21 13:30		Received: 07/15/21 13:45		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									
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		07/20/21 10:31	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/20/21 10:31	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 10:31	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	80-120		1		07/20/21 10:31	460-00-4	
Toluene-d8 (S)	98	%	80-120		1		07/20/21 10:31	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	80-120		1		07/20/21 10:31	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 10:31		

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071221-NL-002 **Lab ID: 60375182004** Collected: 07/12/21 13:45 Received: 07/15/21 13:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV			Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City						
Acetone	ND	ug/L	10.0	2.5	1		07/20/21 10:45	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/20/21 10:45	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 10:45	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 10:45	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 10:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/20/21 10:45	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 10:45	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 10:45	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/20/21 10:45	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 10:45	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 10:45	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 10:45	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/20/21 10:45	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 10:45	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 10:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 10:45	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 10:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 10:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 10:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 10:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/20/21 10:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 10:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 10:45	75-35-4	
cis-1,2-Dichloroethene	0.19J	ug/L	1.0	0.13	1		07/20/21 10:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/20/21 10:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 10:45	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 10:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 10:45	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 10:45	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 10:45	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 10:45	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 10:45	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 10:45	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 10:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 10:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/20/21 10:45	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 10:45	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 10:45	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/20/21 10:45	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 10:45	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 10:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 10:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 10:45	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/20/21 10:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 10:45	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071221-NL-002		Lab ID: 60375182004		Collected: 07/12/21 13:45		Received: 07/15/21 13:45		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									
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		07/20/21 10:45	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/20/21 10:45	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 10:45	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	80-120		1		07/20/21 10:45	460-00-4	
Toluene-d8 (S)	101	%	80-120		1		07/20/21 10:45	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120		1		07/20/21 10:45	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 10:45		

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: **WG-071221-SM-003** Lab ID: **60375182005** Collected: 07/12/21 14:35 Received: 07/15/21 13:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	2.5	1		07/20/21 10:59	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/20/21 10:59	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 10:59	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 10:59	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 10:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/20/21 10:59	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 10:59	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 10:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/20/21 10:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 10:59	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 10:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 10:59	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/20/21 10:59	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 10:59	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 10:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 10:59	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 10:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 10:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 10:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 10:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/20/21 10:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 10:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 10:59	75-35-4	
cis-1,2-Dichloroethene	2.0	ug/L	1.0	0.13	1		07/20/21 10:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/20/21 10:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 10:59	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 10:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 10:59	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 10:59	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 10:59	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 10:59	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 10:59	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 10:59	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 10:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 10:59	108-10-1	
Methyl-tert-butyl ether	0.43J	ug/L	1.0	0.13	1		07/20/21 10:59	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 10:59	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 10:59	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/20/21 10:59	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 10:59	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 10:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 10:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 10:59	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/20/21 10:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 10:59	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071221-SM-003		Lab ID: 60375182005		Collected: 07/12/21 14:35		Received: 07/15/21 13:45		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									
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		07/20/21 10:59	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/20/21 10:59	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 10:59	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%	80-120		1		07/20/21 10:59	460-00-4	
Toluene-d8 (S)	101	%	80-120		1		07/20/21 10:59	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	103	%	80-120		1		07/20/21 10:59	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 10:59		

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071221-NL-003 Lab ID: 60375182006 Collected: 07/12/21 14:45 Received: 07/15/21 13:45 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/20/21 11:13	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/20/21 11:13	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 11:13	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 11:13	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 11:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/20/21 11:13	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 11:13	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 11:13	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/20/21 11:13	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 11:13	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 11:13	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 11:13	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/20/21 11:13	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 11:13	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 11:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 11:13	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 11:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 11:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 11:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 11:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/20/21 11:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 11:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 11:13	75-35-4	
cis-1,2-Dichloroethene	24.6	ug/L	1.0	0.13	1		07/20/21 11:13	156-59-2	
trans-1,2-Dichloroethene	0.52J	ug/L	1.0	0.10	1		07/20/21 11:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 11:13	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 11:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 11:13	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 11:13	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 11:13	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 11:13	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 11:13	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 11:13	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 11:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 11:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/20/21 11:13	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 11:13	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 11:13	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/20/21 11:13	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 11:13	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 11:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 11:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 11:13	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/20/21 11:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 11:13	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071221-NL-003		Lab ID: 60375182006		Collected: 07/12/21 14:45		Received: 07/15/21 13:45		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									
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		07/20/21 11:13	76-13-1	N2
Vinyl chloride	11.3	ug/L	1.0	0.17	1		07/20/21 11:13	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 11:13	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	80-120		1		07/20/21 11:13	460-00-4	
Toluene-d8 (S)	103	%	80-120		1		07/20/21 11:13	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	97	%	80-120		1		07/20/21 11:13	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 11:13		

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071221-NL-004 **Lab ID: 60375182007** Collected: 07/12/21 15:45 Received: 07/15/21 13:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	2.5	1		07/20/21 11:27	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/20/21 11:27	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 11:27	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 11:27	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 11:27	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/20/21 11:27	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 11:27	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 11:27	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/20/21 11:27	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 11:27	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 11:27	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 11:27	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/20/21 11:27	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 11:27	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 11:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 11:27	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 11:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 11:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 11:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 11:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/20/21 11:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 11:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 11:27	75-35-4	
cis-1,2-Dichloroethene	4.6	ug/L	1.0	0.13	1		07/20/21 11:27	156-59-2	
trans-1,2-Dichloroethene	0.12J	ug/L	1.0	0.10	1		07/20/21 11:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 11:27	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 11:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 11:27	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 11:27	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 11:27	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 11:27	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 11:27	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 11:27	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 11:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 11:27	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/20/21 11:27	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 11:27	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 11:27	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/20/21 11:27	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 11:27	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 11:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 11:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 11:27	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/20/21 11:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 11:27	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071221-NL-004		Lab ID: 60375182007		Collected: 07/12/21 15:45		Received: 07/15/21 13:45		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									
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		07/20/21 11:27	76-13-1	N2
Vinyl chloride	0.85J	ug/L	1.0	0.17	1		07/20/21 11:27	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 11:27	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	80-120		1		07/20/21 11:27	460-00-4	
Toluene-d8 (S)	99	%	80-120		1		07/20/21 11:27	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	102	%	80-120		1		07/20/21 11:27	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 11:27		

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071221-SM-004 **Lab ID: 60375182008** Collected: 07/12/21 15:55 Received: 07/15/21 13:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 5030B/8260									
Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/20/21 11:42	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/20/21 11:42	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 11:42	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 11:42	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 11:42	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/20/21 11:42	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 11:42	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 11:42	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/20/21 11:42	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 11:42	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 11:42	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 11:42	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/20/21 11:42	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 11:42	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 11:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 11:42	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 11:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 11:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 11:42	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 11:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/20/21 11:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 11:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 11:42	75-35-4	
cis-1,2-Dichloroethene	0.45J	ug/L	1.0	0.13	1		07/20/21 11:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/20/21 11:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 11:42	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 11:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 11:42	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 11:42	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 11:42	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 11:42	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 11:42	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 11:42	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 11:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 11:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/20/21 11:42	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 11:42	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 11:42	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/20/21 11:42	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 11:42	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 11:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 11:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 11:42	79-00-5	
Trichloroethene	0.22J	ug/L	1.0	0.21	1		07/20/21 11:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 11:42	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071221-SM-004		Lab ID: 60375182008		Collected: 07/12/21 15:55		Received: 07/15/21 13:45		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									
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		07/20/21 11:42	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/20/21 11:42	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 11:42	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	80-120		1		07/20/21 11:42	460-00-4	
Toluene-d8 (S)	103	%	80-120		1		07/20/21 11:42	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	80-120		1		07/20/21 11:42	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 11:42		

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: **WG-071221-SM-005** Lab ID: **60375182009** Collected: 07/12/21 16:35 Received: 07/15/21 13:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/20/21 11:56	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/20/21 11:56	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 11:56	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 11:56	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 11:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/20/21 11:56	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 11:56	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 11:56	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/20/21 11:56	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 11:56	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 11:56	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 11:56	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/20/21 11:56	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 11:56	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 11:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 11:56	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 11:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 11:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 11:56	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 11:56	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/20/21 11:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 11:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 11:56	75-35-4	
cis-1,2-Dichloroethene	5.8	ug/L	1.0	0.13	1		07/20/21 11:56	156-59-2	
trans-1,2-Dichloroethene	0.38J	ug/L	1.0	0.10	1		07/20/21 11:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 11:56	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 11:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 11:56	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 11:56	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 11:56	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 11:56	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 11:56	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 11:56	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 11:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 11:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/20/21 11:56	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 11:56	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 11:56	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/20/21 11:56	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 11:56	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 11:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 11:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 11:56	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/20/21 11:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 11:56	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071221-SM-005		Lab ID: 60375182009		Collected: 07/12/21 16:35		Received: 07/15/21 13:45		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									
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		07/20/21 11:56	76-13-1	N2
Vinyl chloride	0.39J	ug/L	1.0	0.17	1		07/20/21 11:56	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 11:56	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	80-120		1		07/20/21 11:56	460-00-4	
Toluene-d8 (S)	100	%	80-120		1		07/20/21 11:56	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	80-120		1		07/20/21 11:56	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 11:56		

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071321-SM-006 Lab ID: 60375182010 Collected: 07/13/21 11:00 Received: 07/15/21 13:45 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	07/22/21 10:25	07/29/21 12:18		
MRH (C9-C18)	ND	mg/L	0.059	0.054	1	07/22/21 10:25	07/29/21 12:18		
Surrogates									
1-Chloro-octadecane (S)	76	%	40-140		1	07/22/21 10:25	07/29/21 12:18	3386-33-2	
LRH (C5 - C8) Water Analytical Method: KS LRH: EPA 5030B/8015C Pace Analytical Services - Kansas City									
LRH (C5-C8)	ND	mg/L	0.050	0.011	1		07/27/21 12:34		
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		07/27/21 12:34	460-00-4	
Preservation pH	1.0				1		07/27/21 12:34		
8270 MSSV PAH by SIM Analytical Method: EPA 8270C by SIM Preparation Method: EPA 3510C Pace Analytical Services - Kansas City									
Naphthalene	ND	ug/L	0.50	0.080	1	07/20/21 11:18	07/20/21 12:09	91-20-3	
Surrogates									
2-Fluorobiphenyl (S)	65	%	37-109		1	07/20/21 11:18	07/20/21 12:09	321-60-8	
Terphenyl-d14 (S)	79	%	34-120		1	07/20/21 11:18	07/20/21 12:09	1718-51-0	
8260 MSV Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/20/21 12:10	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/20/21 12:10	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 12:10	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 12:10	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 12:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/20/21 12:10	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 12:10	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 12:10	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/20/21 12:10	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 12:10	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 12:10	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 12:10	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/20/21 12:10	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 12:10	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 12:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 12:10	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 12:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 12:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 12:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 12:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/20/21 12:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 12:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 12:10	75-35-4	
cis-1,2-Dichloroethene	1.4	ug/L	1.0	0.13	1		07/20/21 12:10	156-59-2	

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071321-SM-006		Lab ID: 60375182010		Collected: 07/13/21 11:00		Received: 07/15/21 13:45		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							
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/20/21 12:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 12:10	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 12:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 12:10	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 12:10	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 12:10	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 12:10	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 12:10	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 12:10	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 12:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 12:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/20/21 12:10	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 12:10	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 12:10	79-34-5	
Tetrachloroethene	1.5	ug/L	1.0	0.33	1		07/20/21 12:10	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 12:10	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 12:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 12:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 12:10	79-00-5	
Trichloroethene	0.34J	ug/L	1.0	0.21	1		07/20/21 12:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 12:10	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		07/20/21 12:10	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/20/21 12:10	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 12:10	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	80-120		1		07/20/21 12:10	460-00-4	
Toluene-d8 (S)	99	%	80-120		1		07/20/21 12:10	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	80-120		1		07/20/21 12:10	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 12:10		

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071321-SM-007 Lab ID: 60375182011 Collected: 07/13/21 12:00 Received: 07/15/21 13:45 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	07/22/21 10:25	07/29/21 12:26		
MRH (C9-C18)	ND	mg/L	0.060	0.055	1	07/22/21 10:25	07/29/21 12:26		
Surrogates									
1-Chloro-octadecane (S)	78	%	40-140		1	07/22/21 10:25	07/29/21 12:26	3386-33-2	
LRH (C5 - C8) Water									
Analytical Method: KS LRH: EPA 5030B/8015C									
Pace Analytical Services - Kansas City									
LRH (C5-C8)	ND	mg/L	0.050	0.011	1		07/27/21 12:49		
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		07/27/21 12:49	460-00-4	
Preservation pH	1.0				1		07/27/21 12:49		
8270 MSSV PAH by SIM									
Analytical Method: EPA 8270C by SIM Preparation Method: EPA 3510C									
Pace Analytical Services - Kansas City									
Naphthalene	ND	ug/L	0.50	0.080	1	07/20/21 11:18	07/20/21 12:24	91-20-3	
Surrogates									
2-Fluorobiphenyl (S)	62	%	37-109		1	07/20/21 11:18	07/20/21 12:24	321-60-8	
Terphenyl-d14 (S)	79	%	34-120		1	07/20/21 11:18	07/20/21 12:24	1718-51-0	
8260 MSV									
Analytical Method: EPA 5030B/8260									
Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/20/21 12:24	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/20/21 12:24	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 12:24	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 12:24	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 12:24	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/20/21 12:24	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 12:24	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 12:24	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/20/21 12:24	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 12:24	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 12:24	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 12:24	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/20/21 12:24	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 12:24	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 12:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 12:24	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 12:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 12:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 12:24	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 12:24	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/20/21 12:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 12:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 12:24	75-35-4	
cis-1,2-Dichloroethene	1.3	ug/L	1.0	0.13	1		07/20/21 12:24	156-59-2	

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071321-SM-007		Lab ID: 60375182011		Collected: 07/13/21 12:00		Received: 07/15/21 13:45		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							
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/20/21 12:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 12:24	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 12:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 12:24	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 12:24	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 12:24	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 12:24	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 12:24	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 12:24	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 12:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 12:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/20/21 12:24	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 12:24	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 12:24	79-34-5	
Tetrachloroethene	1.6	ug/L	1.0	0.33	1		07/20/21 12:24	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 12:24	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 12:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 12:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 12:24	79-00-5	
Trichloroethene	0.32J	ug/L	1.0	0.21	1		07/20/21 12:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 12:24	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		07/20/21 12:24	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/20/21 12:24	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 12:24	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	80-120		1		07/20/21 12:24	460-00-4	
Toluene-d8 (S)	101	%	80-120		1		07/20/21 12:24	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	80-120		1		07/20/21 12:24	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 12:24		

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071321-NL-006		Lab ID: 60375182012		Collected: 07/13/21 11:30		Received: 07/15/21 13:45		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	2.5	1		07/20/21 12:38	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/20/21 12:38	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 12:38	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 12:38	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 12:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/20/21 12:38	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 12:38	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 12:38	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/20/21 12:38	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 12:38	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 12:38	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 12:38	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/20/21 12:38	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 12:38	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 12:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 12:38	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 12:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 12:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 12:38	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 12:38	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/20/21 12:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 12:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 12:38	75-35-4	
cis-1,2-Dichloroethene	6.7	ug/L	1.0	0.13	1		07/20/21 12:38	156-59-2	
trans-1,2-Dichloroethene	0.40J	ug/L	1.0	0.10	1		07/20/21 12:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 12:38	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 12:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 12:38	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 12:38	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 12:38	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 12:38	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 12:38	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 12:38	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 12:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 12:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/20/21 12:38	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 12:38	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 12:38	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/20/21 12:38	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 12:38	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 12:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 12:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 12:38	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/20/21 12:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 12:38	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071321-NL-006		Lab ID: 60375182012		Collected: 07/13/21 11:30		Received: 07/15/21 13:45		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									
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		07/20/21 12:38	76-13-1	N2
Vinyl chloride	0.25J	ug/L	1.0	0.17	1		07/20/21 12:38	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 12:38	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	80-120		1		07/20/21 12:38	460-00-4	
Toluene-d8 (S)	100	%	80-120		1		07/20/21 12:38	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	98	%	80-120		1		07/20/21 12:38	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 12:38		

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071321-SM-008 **Lab ID: 60375182013** Collected: 07/13/21 11:45 Received: 07/15/21 13:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/20/21 12:53	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/20/21 12:53	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 12:53	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 12:53	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 12:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/20/21 12:53	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 12:53	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 12:53	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/20/21 12:53	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 12:53	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 12:53	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 12:53	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/20/21 12:53	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 12:53	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 12:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 12:53	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 12:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 12:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 12:53	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 12:53	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/20/21 12:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 12:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 12:53	75-35-4	
cis-1,2-Dichloroethene	7.6	ug/L	1.0	0.13	1		07/20/21 12:53	156-59-2	
trans-1,2-Dichloroethene	0.49J	ug/L	1.0	0.10	1		07/20/21 12:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 12:53	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 12:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 12:53	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 12:53	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 12:53	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 12:53	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 12:53	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 12:53	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 12:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 12:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/20/21 12:53	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 12:53	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 12:53	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/20/21 12:53	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 12:53	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 12:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 12:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 12:53	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/20/21 12:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 12:53	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071321-SM-008		Lab ID: 60375182013		Collected: 07/13/21 11:45		Received: 07/15/21 13:45		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									
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		07/20/21 12:53	76-13-1	N2
Vinyl chloride	1.4	ug/L	1.0	0.17	1		07/20/21 12:53	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 12:53	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	80-120		1		07/20/21 12:53	460-00-4	
Toluene-d8 (S)	101	%	80-120		1		07/20/21 12:53	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120		1		07/20/21 12:53	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 12:53		

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071321-NL-007 Lab ID: 60375182014 Collected: 07/13/21 12:35 Received: 07/15/21 13:45 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	07/22/21 10:25	07/29/21 12:34		
MRH (C9-C18)	0.072	mg/L	0.060	0.055	1	07/22/21 10:25	07/29/21 12:34		
Surrogates									
1-Chloro-octadecane (S)	71	%	40-140		1	07/22/21 10:25	07/29/21 12:34	3386-33-2	
LRH (C5 - C8) Water									
Analytical Method: KS LRH: EPA 5030B/8015C									
Pace Analytical Services - Kansas City									
LRH (C5-C8)	ND	mg/L	0.050	0.011	1		07/27/21 13:04		M1
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		07/27/21 13:04	460-00-4	
Preservation pH	1.0				1		07/27/21 13:04		
8270 MSSV PAH by SIM									
Analytical Method: EPA 8270C by SIM Preparation Method: EPA 3510C									
Pace Analytical Services - Kansas City									
Naphthalene	ND	ug/L	0.50	0.080	1	07/20/21 11:18	07/20/21 12:38	91-20-3	
Surrogates									
2-Fluorobiphenyl (S)	53	%	37-109		1	07/20/21 11:18	07/20/21 12:38	321-60-8	
Terphenyl-d14 (S)	68	%	34-120		1	07/20/21 11:18	07/20/21 12:38	1718-51-0	
8260 MSV									
Analytical Method: EPA 5030B/8260									
Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/20/21 13:07	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/20/21 13:07	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 13:07	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 13:07	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 13:07	74-83-9	
2-Butanone (MEK)	1.3J	ug/L	10.0	0.98	1		07/20/21 13:07	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 13:07	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 13:07	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/20/21 13:07	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 13:07	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 13:07	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 13:07	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/20/21 13:07	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 13:07	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 13:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 13:07	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 13:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 13:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 13:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 13:07	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/20/21 13:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 13:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 13:07	75-35-4	
cis-1,2-Dichloroethene	0.21J	ug/L	1.0	0.13	1		07/20/21 13:07	156-59-2	

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071321-NL-007		Lab ID: 60375182014		Collected: 07/13/21 12:35		Received: 07/15/21 13:45		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							
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/20/21 13:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 13:07	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 13:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 13:07	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 13:07	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 13:07	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 13:07	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 13:07	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 13:07	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 13:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 13:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/20/21 13:07	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 13:07	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 13:07	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/20/21 13:07	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 13:07	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 13:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 13:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 13:07	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/20/21 13:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 13:07	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		07/20/21 13:07	76-13-1	N2
Vinyl chloride	0.31J	ug/L	1.0	0.17	1		07/20/21 13:07	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 13:07	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120		1		07/20/21 13:07	460-00-4	
Toluene-d8 (S)	100	%	80-120		1		07/20/21 13:07	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120		1		07/20/21 13:07	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 13:07		

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071321-SM-009 **Lab ID: 60375182015** Collected: 07/13/21 12:45 Received: 07/15/21 13:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	2.5	1		07/20/21 13:21	67-64-1	
Benzene	0.15J	ug/L	1.0	0.14	1		07/20/21 13:21	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 13:21	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 13:21	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 13:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/20/21 13:21	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 13:21	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 13:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/20/21 13:21	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 13:21	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 13:21	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 13:21	74-87-3	
Cyclohexane	0.31J	ug/L	1.0	0.24	1		07/20/21 13:21	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 13:21	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 13:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 13:21	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 13:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 13:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 13:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 13:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/20/21 13:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 13:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 13:21	75-35-4	
cis-1,2-Dichloroethene	25.4	ug/L	1.0	0.13	1		07/20/21 13:21	156-59-2	
trans-1,2-Dichloroethene	1.6	ug/L	1.0	0.10	1		07/20/21 13:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 13:21	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 13:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 13:21	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 13:21	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 13:21	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 13:21	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 13:21	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 13:21	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 13:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 13:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/20/21 13:21	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 13:21	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 13:21	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/20/21 13:21	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 13:21	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 13:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 13:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 13:21	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/20/21 13:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 13:21	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071321-SM-009		Lab ID: 60375182015		Collected: 07/13/21 12:45		Received: 07/15/21 13:45		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									
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		07/20/21 13:21	76-13-1	N2
Vinyl chloride	8.0	ug/L	1.0	0.17	1		07/20/21 13:21	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 13:21	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	80-120		1		07/20/21 13:21	460-00-4	
Toluene-d8 (S)	101	%	80-120		1		07/20/21 13:21	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	80-120		1		07/20/21 13:21	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 13:21		

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071321-SM-010 **Lab ID: 60375182016** Collected: 07/13/21 15:05 Received: 07/15/21 13:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 5030B/8260									
Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/20/21 13:35	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/20/21 13:35	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 13:35	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 13:35	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 13:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/20/21 13:35	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 13:35	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 13:35	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/20/21 13:35	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 13:35	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 13:35	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 13:35	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/20/21 13:35	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 13:35	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 13:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 13:35	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 13:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 13:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 13:35	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 13:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/20/21 13:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 13:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 13:35	75-35-4	
cis-1,2-Dichloroethene	0.69J	ug/L	1.0	0.13	1		07/20/21 13:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/20/21 13:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 13:35	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 13:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 13:35	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 13:35	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 13:35	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 13:35	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 13:35	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 13:35	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 13:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 13:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/20/21 13:35	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 13:35	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 13:35	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/20/21 13:35	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 13:35	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 13:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 13:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 13:35	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/20/21 13:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 13:35	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071321-SM-010		Lab ID: 60375182016		Collected: 07/13/21 15:05		Received: 07/15/21 13:45		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									
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		07/20/21 13:35	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/20/21 13:35	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 13:35	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	80-120		1		07/20/21 13:35	460-00-4	
Toluene-d8 (S)	100	%	80-120		1		07/20/21 13:35	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	98	%	80-120		1		07/20/21 13:35	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 13:35		

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: **WG-071321-SM-011** Lab ID: **60375182017** Collected: 07/13/21 15:50 Received: 07/15/21 13:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/22/21 09:28	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/22/21 09:28	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/22/21 09:28	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/22/21 09:28	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/22/21 09:28	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/22/21 09:28	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/22/21 09:28	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/22/21 09:28	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/22/21 09:28	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/22/21 09:28	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/22/21 09:28	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/22/21 09:28	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/22/21 09:28	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/22/21 09:28	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/22/21 09:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/22/21 09:28	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/22/21 09:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/22/21 09:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/22/21 09:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/22/21 09:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/22/21 09:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/22/21 09:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/22/21 09:28	75-35-4	
cis-1,2-Dichloroethene	1.6	ug/L	1.0	0.13	1		07/22/21 09:28	156-59-2	
trans-1,2-Dichloroethene	0.15J	ug/L	1.0	0.10	1		07/22/21 09:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/22/21 09:28	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/22/21 09:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/22/21 09:28	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/22/21 09:28	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/22/21 09:28	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/22/21 09:28	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/22/21 09:28	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/22/21 09:28	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/22/21 09:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/22/21 09:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/22/21 09:28	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/22/21 09:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/22/21 09:28	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/22/21 09:28	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/22/21 09:28	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/22/21 09:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/22/21 09:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/22/21 09:28	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/22/21 09:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/22/21 09:28	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071321-SM-011		Lab ID: 60375182017		Collected: 07/13/21 15:50		Received: 07/15/21 13:45		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							
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		07/22/21 09:28	76-13-1	N2
Vinyl chloride	1.7	ug/L	1.0	0.17	1		07/22/21 09:28	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/22/21 09:28	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120		1		07/22/21 09:28	460-00-4	
Toluene-d8 (S)	100	%	80-120		1		07/22/21 09:28	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	80-120		1		07/22/21 09:28	2199-69-1	
Preservation pH	1.0		0.10		1		07/22/21 09:28		

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071321-NL-008 **Lab ID: 60375182018** Collected: 07/13/21 16:00 Received: 07/15/21 13:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 5030B/8260									
Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/20/21 15:43	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/20/21 15:43	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 15:43	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 15:43	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 15:43	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/20/21 15:43	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 15:43	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 15:43	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/20/21 15:43	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 15:43	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 15:43	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 15:43	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/20/21 15:43	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 15:43	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 15:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 15:43	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 15:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 15:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 15:43	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 15:43	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/20/21 15:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 15:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 15:43	75-35-4	
cis-1,2-Dichloroethene	2.4	ug/L	1.0	0.13	1		07/20/21 15:43	156-59-2	
trans-1,2-Dichloroethene	0.14J	ug/L	1.0	0.10	1		07/20/21 15:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 15:43	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 15:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 15:43	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 15:43	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 15:43	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 15:43	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 15:43	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 15:43	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 15:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 15:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/20/21 15:43	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 15:43	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 15:43	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/20/21 15:43	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 15:43	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 15:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 15:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 15:43	79-00-5	
Trichloroethene	12.5	ug/L	1.0	0.21	1		07/20/21 15:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 15:43	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071321-NL-008		Lab ID: 60375182018		Collected: 07/13/21 16:00		Received: 07/15/21 13:45		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									
1,1,2-Trichlorotrifluoroethane	9.7	ug/L	1.0	0.19	1		07/20/21 15:43	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/20/21 15:43	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 15:43	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	80-120		1		07/20/21 15:43	460-00-4	
Toluene-d8 (S)	100	%	80-120		1		07/20/21 15:43	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	80-120		1		07/20/21 15:43	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 15:43		

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071321-SM-012 **Lab ID: 60375182019** Collected: 07/13/21 16:55 Received: 07/15/21 13:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/20/21 15:58	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/20/21 15:58	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 15:58	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 15:58	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 15:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/20/21 15:58	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 15:58	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 15:58	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/20/21 15:58	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 15:58	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 15:58	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 15:58	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/20/21 15:58	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 15:58	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 15:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 15:58	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 15:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 15:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 15:58	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 15:58	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/20/21 15:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 15:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 15:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		07/20/21 15:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/20/21 15:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 15:58	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 15:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 15:58	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 15:58	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 15:58	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 15:58	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 15:58	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 15:58	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 15:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 15:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/20/21 15:58	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 15:58	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 15:58	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/20/21 15:58	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 15:58	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 15:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 15:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 15:58	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/20/21 15:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 15:58	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071321-SM-012		Lab ID: 60375182019		Collected: 07/13/21 16:55		Received: 07/15/21 13:45		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							
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		07/20/21 15:58	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/20/21 15:58	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 15:58	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	80-120		1		07/20/21 15:58	460-00-4	
Toluene-d8 (S)	101	%	80-120		1		07/20/21 15:58	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120		1		07/20/21 15:58	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 15:58		

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: **WG-071321-NL-009** Lab ID: **60375182020** Collected: 07/13/21 17:15 Received: 07/15/21 13:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	2.5	1		07/20/21 16:12	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/20/21 16:12	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 16:12	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 16:12	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 16:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/20/21 16:12	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 16:12	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 16:12	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/20/21 16:12	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 16:12	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 16:12	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 16:12	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/20/21 16:12	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 16:12	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 16:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 16:12	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 16:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 16:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 16:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 16:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/20/21 16:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 16:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 16:12	75-35-4	
cis-1,2-Dichloroethene	7.7	ug/L	1.0	0.13	1		07/20/21 16:12	156-59-2	
trans-1,2-Dichloroethene	0.83J	ug/L	1.0	0.10	1		07/20/21 16:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 16:12	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 16:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 16:12	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 16:12	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 16:12	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 16:12	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 16:12	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 16:12	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 16:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 16:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/20/21 16:12	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 16:12	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 16:12	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/20/21 16:12	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 16:12	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 16:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 16:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 16:12	79-00-5	
Trichloroethene	1.7	ug/L	1.0	0.21	1		07/20/21 16:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 16:12	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071321-NL-009		Lab ID: 60375182020		Collected: 07/13/21 17:15		Received: 07/15/21 13:45		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									
1,1,2-Trichlorotrifluoroethane	0.97J	ug/L	1.0	0.19	1		07/20/21 16:12	76-13-1	N2
Vinyl chloride	1.8	ug/L	1.0	0.17	1		07/20/21 16:12	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 16:12	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	80-120		1		07/20/21 16:12	460-00-4	
Toluene-d8 (S)	100	%	80-120		1		07/20/21 16:12	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	80-120		1		07/20/21 16:12	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 16:12		

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071421-SM-013 **Lab ID: 60375182021** Collected: 07/14/21 11:00 Received: 07/15/21 13:45 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	2.6J	ug/L	10.0	2.5	1		07/20/21 21:51	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/20/21 21:51	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 21:51	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 21:51	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 21:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/20/21 21:51	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 21:51	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 21:51	56-23-5	
Chlorobenzene	0.22J	ug/L	1.0	0.089	1		07/20/21 21:51	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 21:51	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 21:51	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 21:51	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/20/21 21:51	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 21:51	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 21:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 21:51	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 21:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 21:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 21:51	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 21:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/20/21 21:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 21:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 21:51	75-35-4	
cis-1,2-Dichloroethene	0.44J	ug/L	1.0	0.13	1		07/20/21 21:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/20/21 21:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 21:51	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 21:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 21:51	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 21:51	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 21:51	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 21:51	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 21:51	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 21:51	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 21:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 21:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/20/21 21:51	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 21:51	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 21:51	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/20/21 21:51	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 21:51	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 21:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 21:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 21:51	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/20/21 21:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 21:51	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071421-SM-013		Lab ID: 60375182021		Collected: 07/14/21 11:00		Received: 07/15/21 13:45		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									
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		07/20/21 21:51	76-13-1	N2
Vinyl chloride	2.6	ug/L	1.0	0.17	1		07/20/21 21:51	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 21:51	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120		1		07/20/21 21:51	460-00-4	
Toluene-d8 (S)	102	%	80-120		1		07/20/21 21:51	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120		1		07/20/21 21:51	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 21:51		

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: **WG-071421-NL-010** Lab ID: **60375182022** Collected: 07/14/21 11:50 Received: 07/15/21 13:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/20/21 22:06	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/20/21 22:06	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 22:06	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 22:06	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 22:06	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/20/21 22:06	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 22:06	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 22:06	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/20/21 22:06	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 22:06	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 22:06	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 22:06	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/20/21 22:06	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 22:06	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 22:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 22:06	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 22:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 22:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 22:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 22:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/20/21 22:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 22:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 22:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		07/20/21 22:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/20/21 22:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 22:06	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 22:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 22:06	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 22:06	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 22:06	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 22:06	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 22:06	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 22:06	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 22:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 22:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/20/21 22:06	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 22:06	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 22:06	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/20/21 22:06	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 22:06	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 22:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 22:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 22:06	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/20/21 22:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 22:06	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071421-NL-010		Lab ID: 60375182022		Collected: 07/14/21 11:50		Received: 07/15/21 13:45		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									
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		07/20/21 22:06	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/20/21 22:06	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 22:06	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	80-120		1		07/20/21 22:06	460-00-4	
Toluene-d8 (S)	100	%	80-120		1		07/20/21 22:06	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	98	%	80-120		1		07/20/21 22:06	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 22:06		

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071421-SM-014 **Lab ID: 60375182023** Collected: 07/14/21 11:50 Received: 07/15/21 13:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	2.5	1		07/20/21 22:20	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/20/21 22:20	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 22:20	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 22:20	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 22:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/20/21 22:20	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 22:20	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 22:20	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/20/21 22:20	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 22:20	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 22:20	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 22:20	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/20/21 22:20	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 22:20	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 22:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 22:20	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 22:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 22:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 22:20	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 22:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/20/21 22:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 22:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 22:20	75-35-4	
cis-1,2-Dichloroethene	0.47J	ug/L	1.0	0.13	1		07/20/21 22:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/20/21 22:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 22:20	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 22:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 22:20	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 22:20	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 22:20	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 22:20	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 22:20	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 22:20	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 22:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 22:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/20/21 22:20	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 22:20	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 22:20	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/20/21 22:20	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 22:20	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 22:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 22:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 22:20	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/20/21 22:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 22:20	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071421-SM-014		Lab ID: 60375182023		Collected: 07/14/21 11:50		Received: 07/15/21 13:45		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									
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		07/20/21 22:20	76-13-1	N2
Vinyl chloride	0.63J	ug/L	1.0	0.17	1		07/20/21 22:20	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 22:20	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120		1		07/20/21 22:20	460-00-4	
Toluene-d8 (S)	103	%	80-120		1		07/20/21 22:20	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	80-120		1		07/20/21 22:20	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 22:20		

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071421-SM-015 **Lab ID: 60375182024** Collected: 07/14/21 12:55 Received: 07/15/21 13:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV			Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City						
Acetone	ND	ug/L	10.0	2.5	1		07/20/21 22:34	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/20/21 22:34	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 22:34	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 22:34	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 22:34	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/20/21 22:34	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 22:34	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 22:34	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/20/21 22:34	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 22:34	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 22:34	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 22:34	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/20/21 22:34	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 22:34	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 22:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 22:34	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 22:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 22:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 22:34	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 22:34	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/20/21 22:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 22:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 22:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		07/20/21 22:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/20/21 22:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 22:34	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 22:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 22:34	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 22:34	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 22:34	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 22:34	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 22:34	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 22:34	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 22:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 22:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/20/21 22:34	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 22:34	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 22:34	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/20/21 22:34	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 22:34	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 22:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 22:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 22:34	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/20/21 22:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 22:34	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071421-SM-015		Lab ID: 60375182024		Collected: 07/14/21 12:55		Received: 07/15/21 13:45		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									
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		07/20/21 22:34	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/20/21 22:34	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 22:34	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120		1		07/20/21 22:34	460-00-4	
Toluene-d8 (S)	99	%	80-120		1		07/20/21 22:34	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120		1		07/20/21 22:34	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 22:34		

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071421-NL-011 **Lab ID: 60375182025** Collected: 07/14/21 13:35 Received: 07/15/21 13:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 5030B/8260									
Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/20/21 22:48	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/20/21 22:48	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 22:48	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 22:48	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 22:48	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/20/21 22:48	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 22:48	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 22:48	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/20/21 22:48	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 22:48	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 22:48	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 22:48	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/20/21 22:48	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 22:48	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 22:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 22:48	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 22:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 22:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 22:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 22:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/20/21 22:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 22:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 22:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		07/20/21 22:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/20/21 22:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 22:48	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 22:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 22:48	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 22:48	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 22:48	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 22:48	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 22:48	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 22:48	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 22:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 22:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/20/21 22:48	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 22:48	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 22:48	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/20/21 22:48	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 22:48	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 22:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 22:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 22:48	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/20/21 22:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 22:48	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071421-NL-011		Lab ID: 60375182025		Collected: 07/14/21 13:35		Received: 07/15/21 13:45		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									
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		07/20/21 22:48	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/20/21 22:48	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 22:48	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	80-120		1		07/20/21 22:48	460-00-4	
Toluene-d8 (S)	102	%	80-120		1		07/20/21 22:48	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	80-120		1		07/20/21 22:48	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 22:48		

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071421-NL-012 Lab ID: 60375182026 Collected: 07/14/21 14:45 Received: 07/15/21 13:45 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/20/21 16:40	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/20/21 16:40	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 16:40	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 16:40	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 16:40	74-83-9	
2-Butanone (MEK)	2.5J	ug/L	10.0	0.98	1		07/20/21 16:40	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 16:40	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 16:40	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/20/21 16:40	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 16:40	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 16:40	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 16:40	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/20/21 16:40	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 16:40	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 16:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 16:40	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 16:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 16:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 16:40	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 16:40	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/20/21 16:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 16:40	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 16:40	75-35-4	
cis-1,2-Dichloroethene	0.27J	ug/L	1.0	0.13	1		07/20/21 16:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/20/21 16:40	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 16:40	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 16:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 16:40	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 16:40	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 16:40	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 16:40	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 16:40	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 16:40	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 16:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 16:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/20/21 16:40	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 16:40	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 16:40	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/20/21 16:40	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 16:40	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 16:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 16:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 16:40	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/20/21 16:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 16:40	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071421-NL-012		Lab ID: 60375182026		Collected: 07/14/21 14:45		Received: 07/15/21 13:45		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							
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		07/20/21 16:40	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/20/21 16:40	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 16:40	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	80-120		1		07/20/21 16:40	460-00-4	
Toluene-d8 (S)	99	%	80-120		1		07/20/21 16:40	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	98	%	80-120		1		07/20/21 16:40	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 16:40		

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: **WG-071421-NL-013** Lab ID: **60375182027** Collected: 07/14/21 16:00 Received: 07/15/21 13:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	2.5	1		07/20/21 16:54	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/20/21 16:54	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 16:54	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 16:54	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 16:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/20/21 16:54	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 16:54	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 16:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/20/21 16:54	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 16:54	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 16:54	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 16:54	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/20/21 16:54	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 16:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 16:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 16:54	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 16:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 16:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 16:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 16:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/20/21 16:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 16:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 16:54	75-35-4	
cis-1,2-Dichloroethene	1.7	ug/L	1.0	0.13	1		07/20/21 16:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/20/21 16:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 16:54	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 16:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 16:54	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 16:54	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 16:54	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 16:54	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 16:54	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 16:54	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 16:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 16:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/20/21 16:54	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 16:54	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 16:54	79-34-5	
Tetrachloroethene	7.3	ug/L	1.0	0.33	1		07/20/21 16:54	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 16:54	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 16:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 16:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 16:54	79-00-5	
Trichloroethene	0.74J	ug/L	1.0	0.21	1		07/20/21 16:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 16:54	75-69-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071421-NL-013		Lab ID: 60375182027		Collected: 07/14/21 16:00		Received: 07/15/21 13:45		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									
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		07/20/21 16:54	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/20/21 16:54	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 16:54	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	80-120		1		07/20/21 16:54	460-00-4	
Toluene-d8 (S)	99	%	80-120		1		07/20/21 16:54	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	98	%	80-120		1		07/20/21 16:54	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 16:54		

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: Trip Blank		Lab ID: 60375182028		Collected: 07/12/21 00:00		Received: 07/15/21 13:45		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City							
Acetone	ND	ug/L	10.0	2.5	1		07/20/21 09:48	67-64-1	
Benzene	ND	ug/L	1.0	0.14	1		07/20/21 09:48	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 09:48	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 09:48	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 09:48	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/20/21 09:48	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 09:48	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 09:48	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/20/21 09:48	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 09:48	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 09:48	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 09:48	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/20/21 09:48	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 09:48	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 09:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 09:48	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 09:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 09:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 09:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 09:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.12	1		07/20/21 09:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 09:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 09:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.13	1		07/20/21 09:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.10	1		07/20/21 09:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 09:48	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 09:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 09:48	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 09:48	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 09:48	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 09:48	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 09:48	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 09:48	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 09:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 09:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/20/21 09:48	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 09:48	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 09:48	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/20/21 09:48	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 09:48	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 09:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 09:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 09:48	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/20/21 09:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 09:48	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: Trip Blank		Lab ID: 60375182028		Collected: 07/12/21 00:00		Received: 07/15/21 13:45		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							
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		07/20/21 09:48	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.17	1		07/20/21 09:48	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 09:48	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	80-120		1		07/20/21 09:48	460-00-4	
Toluene-d8 (S)	101	%	80-120		1		07/20/21 09:48	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	97	%	80-120		1		07/20/21 09:48	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 09:48		

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071321-NL-005 Lab ID: 60375182029 Collected: 07/13/21 10:30 Received: 07/15/21 13:45 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 5030B/8260 Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	2.5	1		07/20/21 16:26	67-64-1	
Benzene	0.49J	ug/L	1.0	0.14	1		07/20/21 16:26	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.16	1		07/20/21 16:26	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	1		07/20/21 16:26	75-25-2	
Bromomethane	ND	ug/L	5.0	0.46	1		07/20/21 16:26	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.98	1		07/20/21 16:26	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.98	1		07/20/21 16:26	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		07/20/21 16:26	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.089	1		07/20/21 16:26	108-90-7	
Chloroethane	ND	ug/L	1.0	0.37	1		07/20/21 16:26	75-00-3	
Chloroform	ND	ug/L	1.0	0.22	1		07/20/21 16:26	67-66-3	
Chloromethane	ND	ug/L	1.0	0.28	1		07/20/21 16:26	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.24	1		07/20/21 16:26	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.78	1		07/20/21 16:26	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.30	1		07/20/21 16:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.20	1		07/20/21 16:26	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.12	1		07/20/21 16:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 16:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.13	1		07/20/21 16:26	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.20	1		07/20/21 16:26	75-71-8	
1,1-Dichloroethane	0.23J	ug/L	1.0	0.12	1		07/20/21 16:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.21	1		07/20/21 16:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/20/21 16:26	75-35-4	
cis-1,2-Dichloroethene	129	ug/L	1.0	0.13	1		07/20/21 16:26	156-59-2	
trans-1,2-Dichloroethene	4.3	ug/L	1.0	0.10	1		07/20/21 16:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.14	1		07/20/21 16:26	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.078	1		07/20/21 16:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.18	1		07/20/21 16:26	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/20/21 16:26	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.1	1		07/20/21 16:26	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.097	1		07/20/21 16:26	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.87	1		07/20/21 16:26	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.12	1		07/20/21 16:26	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.39	1		07/20/21 16:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.74	1		07/20/21 16:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.13	1		07/20/21 16:26	1634-04-4	
Styrene	ND	ug/L	1.0	0.12	1		07/20/21 16:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.15	1		07/20/21 16:26	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.33	1		07/20/21 16:26	127-18-4	
Toluene	ND	ug/L	1.0	0.25	1		07/20/21 16:26	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.73	1		07/20/21 16:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.11	1		07/20/21 16:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.14	1		07/20/21 16:26	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.21	1		07/20/21 16:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.16	1		07/20/21 16:26	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Sample: WG-071321-NL-005		Lab ID: 60375182029		Collected: 07/13/21 10:30		Received: 07/15/21 13:45		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									
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.19	1		07/20/21 16:26	76-13-1	N2
Vinyl chloride	20.4	ug/L	1.0	0.17	1		07/20/21 16:26	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.28	1		07/20/21 16:26	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	80-120		1		07/20/21 16:26	460-00-4	
Toluene-d8 (S)	100	%	80-120		1		07/20/21 16:26	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120		1		07/20/21 16:26	2199-69-1	
Preservation pH	1.0		0.10		1		07/20/21 16:26		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

QC Batch:	734170	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: 60375182010, 60375182011, 60375182014

METHOD BLANK: 2946150 Matrix: Water

Associated Lab Samples: 60375182010, 60375182011, 60375182014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
LRH (C5-C8)	mg/L	ND	0.050	0.011	07/27/21 12:19	
4-Bromofluorobenzene (S)	%	106	70-130		07/27/21 12:19	

LABORATORY CONTROL SAMPLE & LCSD: 2946151

2946152

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	0.38	0.39	95	98	70-130	3	25	
4-Bromofluorobenzene (S)	%				106	106	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2946153

2946154

Parameter	Units	60375182014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
LRH (C5-C8)	mg/L	ND	0.4	0.4	0.26	0.23	65	58	70-130	11	25	M1
4-Bromofluorobenzene (S)	%						106	107	70-130			
Preservation pH		1.0			1.0	1.0				0		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 012559A GM RACER Fairfax
Pace Project No.: 60375182

QC Batch:	733096	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: 60375182001, 60375182002, 60375182003, 60375182004, 60375182005, 60375182006, 60375182007, 60375182008, 60375182009, 60375182010, 60375182011, 60375182012, 60375182013, 60375182014, 60375182015, 60375182016, 60375182028

METHOD BLANK: 2941852 Matrix: Water

Associated Lab Samples: 60375182001, 60375182002, 60375182003, 60375182004, 60375182005, 60375182006, 60375182007, 60375182008, 60375182009, 60375182010, 60375182011, 60375182012, 60375182013, 60375182014, 60375182015, 60375182016, 60375182028

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	0.11	07/20/21 09:05	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.15	07/20/21 09:05	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.14	07/20/21 09:05	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	0.19	07/20/21 09:05	N2
1,1-Dichloroethane	ug/L	ND	1.0	0.12	07/20/21 09:05	
1,1-Dichloroethene	ug/L	ND	1.0	0.22	07/20/21 09:05	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.73	07/20/21 09:05	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	0.78	07/20/21 09:05	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.20	07/20/21 09:05	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.12	07/20/21 09:05	
1,2-Dichloroethane	ug/L	ND	1.0	0.21	07/20/21 09:05	
1,2-Dichloropropane	ug/L	ND	1.0	0.14	07/20/21 09:05	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.13	07/20/21 09:05	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.13	07/20/21 09:05	
2-Butanone (MEK)	ug/L	ND	10.0	0.98	07/20/21 09:05	
2-Hexanone	ug/L	ND	10.0	1.1	07/20/21 09:05	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	0.74	07/20/21 09:05	
Acetone	ug/L	ND	10.0	2.5	07/20/21 09:05	
Benzene	ug/L	ND	1.0	0.14	07/20/21 09:05	
Bromodichloromethane	ug/L	ND	1.0	0.16	07/20/21 09:05	
Bromoform	ug/L	ND	1.0	0.68	07/20/21 09:05	
Bromomethane	ug/L	ND	5.0	0.46	07/20/21 09:05	
Carbon disulfide	ug/L	ND	5.0	0.98	07/20/21 09:05	
Carbon tetrachloride	ug/L	ND	1.0	0.17	07/20/21 09:05	
Chlorobenzene	ug/L	ND	1.0	0.089	07/20/21 09:05	
Chloroethane	ug/L	ND	1.0	0.37	07/20/21 09:05	
Chloroform	ug/L	ND	1.0	0.22	07/20/21 09:05	
Chloromethane	ug/L	ND	1.0	0.28	07/20/21 09:05	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.13	07/20/21 09:05	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.078	07/20/21 09:05	
Cyclohexane	ug/L	ND	1.0	0.24	07/20/21 09:05	
Dibromochloromethane	ug/L	ND	1.0	0.30	07/20/21 09:05	
Dichlorodifluoromethane	ug/L	ND	1.0	0.20	07/20/21 09:05	
Ethylbenzene	ug/L	ND	1.0	0.12	07/20/21 09:05	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	0.097	07/20/21 09:05	
Methyl acetate	ug/L	ND	1.0	0.87	07/20/21 09:05	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.13	07/20/21 09:05	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

METHOD BLANK: 2941852

Matrix: Water

Associated Lab Samples: 60375182001, 60375182002, 60375182003, 60375182004, 60375182005, 60375182006, 60375182007, 60375182008, 60375182009, 60375182010, 60375182011, 60375182012, 60375182013, 60375182014, 60375182015, 60375182016, 60375182028

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Methylcyclohexane	ug/L	ND	1.0	0.12	07/20/21 09:05	
Methylene Chloride	ug/L	ND	1.0	0.39	07/20/21 09:05	
Styrene	ug/L	ND	1.0	0.12	07/20/21 09:05	
Tetrachloroethene	ug/L	ND	1.0	0.33	07/20/21 09:05	
Toluene	ug/L	ND	1.0	0.25	07/20/21 09:05	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.10	07/20/21 09:05	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.18	07/20/21 09:05	
Trichloroethene	ug/L	ND	1.0	0.21	07/20/21 09:05	
Trichlorofluoromethane	ug/L	ND	1.0	0.16	07/20/21 09:05	
Vinyl chloride	ug/L	ND	1.0	0.17	07/20/21 09:05	
Xylene (Total)	ug/L	ND	3.0	0.28	07/20/21 09:05	
1,2-Dichlorobenzene-d4 (S)	%	100	80-120		07/20/21 09:05	
4-Bromofluorobenzene (S)	%	97	80-120		07/20/21 09:05	
Toluene-d8 (S)	%	101	80-120		07/20/21 09:05	

LABORATORY CONTROL SAMPLE: 2941853

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.8	99	80-120	
1,1,2,2-Tetrachloroethane	ug/L	20	20.3	101	75-125	
1,1,2-Trichloroethane	ug/L	20	21.3	106	80-120	
1,1,2-Trichlorotrifluoroethane	ug/L	20	21.4	107	70-130	N2
1,1-Dichloroethane	ug/L	20	20.9	105	75-125	
1,1-Dichloroethene	ug/L	20	20.9	105	80-120	
1,2,4-Trichlorobenzene	ug/L	20	20.9	105	75-120	
1,2-Dibromo-3-chloropropane	ug/L	20	17.6	88	70-120	
1,2-Dibromoethane (EDB)	ug/L	20	21.6	108	80-120	
1,2-Dichlorobenzene	ug/L	20	20.7	104	80-120	
1,2-Dichloroethane	ug/L	20	20.1	101	75-120	
1,2-Dichloropropane	ug/L	20	21.0	105	80-125	
1,3-Dichlorobenzene	ug/L	20	20.7	104	80-120	
1,4-Dichlorobenzene	ug/L	20	20.7	103	80-120	
2-Butanone (MEK)	ug/L	100	123	123	40-150	
2-Hexanone	ug/L	100	124	124	45-150	
4-Methyl-2-pentanone (MIBK)	ug/L	100	106	106	65-140	
Acetone	ug/L	100	116	116	20-175	
Benzene	ug/L	20	20.8	104	80-120	
Bromodichloromethane	ug/L	20	21.4	107	80-125	
Bromoform	ug/L	20	19.0	95	60-135	
Bromomethane	ug/L	20	10.5	53	10-165	
Carbon disulfide	ug/L	20	20.6	103	75-135	
Carbon tetrachloride	ug/L	20	20.6	103	80-125	

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QUALITY CONTROL DATA

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

LABORATORY CONTROL SAMPLE: 2941853

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzene	ug/L	20	21.3	107	80-120	
Chloroethane	ug/L	20	20.8	104	70-130	
Chloroform	ug/L	20	20.1	100	80-120	
Chloromethane	ug/L	20	12.5	63	35-155	
cis-1,2-Dichloroethene	ug/L	20	20.5	103	80-120	
cis-1,3-Dichloropropene	ug/L	20	20.7	103	80-125	
Cyclohexane	ug/L	20	20.3	101	80-130	
Dibromochloromethane	ug/L	20	21.5	107	70-120	
Dichlorodifluoromethane	ug/L	20	20.4	102	50-150	
Ethylbenzene	ug/L	20	20.9	104	80-120	
Isopropylbenzene (Cumene)	ug/L	20	21.4	107	80-125	
Methyl acetate	ug/L	100	96.0	96	45-140	
Methyl-tert-butyl ether	ug/L	20	20.8	104	65-130	
Methylcyclohexane	ug/L	20	21.4	107	80-125	
Methylene Chloride	ug/L	20	16.4	82	75-120	
Styrene	ug/L	20	21.1	106	80-120	
Tetrachloroethene	ug/L	20	21.2	106	80-120	
Toluene	ug/L	20	20.8	104	80-120	
trans-1,2-Dichloroethene	ug/L	20	20.8	104	80-120	
trans-1,3-Dichloropropene	ug/L	20	21.0	105	75-120	
Trichloroethene	ug/L	20	20.3	102	80-120	
Trichlorofluoromethane	ug/L	20	22.7	113	80-130	
Vinyl chloride	ug/L	20	19.6	98	65-130	
Xylene (Total)	ug/L	60	63.2	105	80-120	
1,2-Dichlorobenzene-d4 (S)	%			97	80-120	
4-Bromofluorobenzene (S)	%			98	80-120	
Toluene-d8 (S)	%			101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2941854 2941855

Parameter	Units	60375182014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	20	20	20.6	21.2	103	106	75-130	3	15	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.6	20.3	98	101	65-130	3	15	
1,1,2-Trichloroethane	ug/L	ND	20	20	19.9	20.9	99	105	70-120	5	20	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	20	20	23.0	22.7	115	113	80-140	1	15	N2
1,1-Dichloroethane	ug/L	ND	20	20	21.5	21.8	108	109	61-130	1	15	
1,1-Dichloroethene	ug/L	ND	20	20	22.2	23.3	111	117	60-135	5	25	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	19.5	20.4	97	102	50-125	5	25	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	17.6	17.0	88	85	55-125	3	25	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.5	20.8	102	104	65-125	2	20	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.2	21.2	101	106	65-120	5	20	
1,2-Dichloroethane	ug/L	ND	20	20	20.0	20.3	100	102	30-160	1	25	
1,2-Dichloropropane	ug/L	ND	20	20	20.0	20.7	100	104	65-130	4	20	

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QUALITY CONTROL DATA

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2941854 2941855											
Parameter	Units	60375182014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,3-Dichlorobenzene	ug/L	ND	20	20	20.3	21.0	102	105	65-120	3	20
1,4-Dichlorobenzene	ug/L	ND	20	20	20.2	20.6	101	103	60-125	2	20
2-Butanone (MEK)	ug/L	1.3J	100	100	67.3	72.9	66	72	30-130	8	25
2-Hexanone	ug/L	ND	100	100	71.0	78.5	71	78	40-135	10	20
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	100	91.0	97.5	91	98	60-135	7	20
Acetone	ug/L	ND	100	100	47.2	45.8	46	45	10-150	3	25
Benzene	ug/L	ND	20	20	21.3	21.8	106	109	20-155	2	25
Bromodichloromethane	ug/L	ND	20	20	20.7	21.1	103	106	70-130	2	15
Bromoform	ug/L	ND	20	20	18.0	19.1	90	95	50-125	6	20
Bromomethane	ug/L	ND	20	20	7.2	9.5	36	48	10-155	27	45
Carbon disulfide	ug/L	ND	20	20	21.7	22.3	108	111	55-140	3	25
Carbon tetrachloride	ug/L	ND	20	20	22.1	23.0	110	115	70-140	4	20
Chlorobenzene	ug/L	ND	20	20	20.9	21.7	105	109	65-130	4	20
Chloroethane	ug/L	ND	20	20	23.1	22.7	115	114	20-180	2	20
Chloroform	ug/L	ND	20	20	20.2	20.8	101	104	70-125	3	20
Chloromethane	ug/L	ND	20	20	16.6	16.6	83	83	20-160	0	30
cis-1,2-Dichloroethene	ug/L	0.21J	20	20	20.6	21.5	102	106	55-130	4	20
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.6	20.4	98	102	60-125	4	20
Cyclohexane	ug/L	ND	20	20	23.6	22.2	118	111	75-150	6	20
Dibromochloromethane	ug/L	ND	20	20	20.5	21.4	103	107	65-120	4	20
Dichlorodifluoromethane	ug/L	ND	20	20	23.0	23.3	115	116	10-175	1	25
Ethylbenzene	ug/L	ND	20	20	20.8	21.6	104	108	20-160	4	25
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.9	22.6	109	113	65-140	3	20
Methyl acetate	ug/L	ND	100	100	80.2	91.1	80	91	40-140	13	20
Methyl-tert-butyl ether	ug/L	ND	20	20	20.1	20.5	100	103	25-160	2	30
Methylcyclohexane	ug/L	ND	20	20	22.0	22.3	110	111	65-155	1	20
Methylene Chloride	ug/L	ND	20	20	17.8	16.8	89	84	60-125	5	25
Styrene	ug/L	ND	20	20	20.8	21.9	104	110	40-145	5	30
Tetrachloroethene	ug/L	ND	20	20	21.5	22.2	108	111	55-135	3	25
Toluene	ug/L	ND	20	20	20.8	21.1	104	106	25-150	2	25
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.4	21.2	107	106	60-130	1	20
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.7	20.4	99	102	60-120	3	15
Trichloroethene	ug/L	ND	20	20	20.5	21.3	103	107	50-145	4	20
Trichlorofluoromethane	ug/L	ND	20	20	25.5	25.9	128	129	50-155	1	20
Vinyl chloride	ug/L	0.31J	20	20	22.0	22.5	108	111	40-155	2	25
Xylene (Total)	ug/L	ND	60	60	62.5	64.2	104	107	15-160	3	30
1,2-Dichlorobenzene-d4 (S)	%						100	100	80-120		
4-Bromofluorobenzene (S)	%						99	100	80-120		
Toluene-d8 (S)	%						98	100	80-120		
Preservation pH		1.0			1.0	1.0				0	

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QUALITY CONTROL DATA

Project: 012559A GM RACER Fairfax
Pace Project No.: 60375182

QC Batch: 733136 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: 60375182018, 60375182019, 60375182020, 60375182026, 60375182027, 60375182029

METHOD BLANK: 2942170 Matrix: Water
Associated Lab Samples: 60375182018, 60375182019, 60375182020, 60375182026, 60375182027, 60375182029

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	0.11	07/20/21 15:15	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.15	07/20/21 15:15	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.14	07/20/21 15:15	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	0.19	07/20/21 15:15	N2
1,1-Dichloroethane	ug/L	ND	1.0	0.12	07/20/21 15:15	
1,1-Dichloroethene	ug/L	ND	1.0	0.22	07/20/21 15:15	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.73	07/20/21 15:15	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	0.78	07/20/21 15:15	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.20	07/20/21 15:15	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.12	07/20/21 15:15	
1,2-Dichloroethane	ug/L	ND	1.0	0.21	07/20/21 15:15	
1,2-Dichloropropane	ug/L	ND	1.0	0.14	07/20/21 15:15	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.13	07/20/21 15:15	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.13	07/20/21 15:15	
2-Butanone (MEK)	ug/L	ND	10.0	0.98	07/20/21 15:15	
2-Hexanone	ug/L	ND	10.0	1.1	07/20/21 15:15	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	0.74	07/20/21 15:15	
Acetone	ug/L	ND	10.0	2.5	07/20/21 15:15	
Benzene	ug/L	ND	1.0	0.14	07/20/21 15:15	
Bromodichloromethane	ug/L	ND	1.0	0.16	07/20/21 15:15	
Bromoform	ug/L	ND	1.0	0.68	07/20/21 15:15	
Bromomethane	ug/L	ND	5.0	0.46	07/20/21 15:15	
Carbon disulfide	ug/L	ND	5.0	0.98	07/20/21 15:15	
Carbon tetrachloride	ug/L	ND	1.0	0.17	07/20/21 15:15	
Chlorobenzene	ug/L	ND	1.0	0.089	07/20/21 15:15	
Chloroethane	ug/L	ND	1.0	0.37	07/20/21 15:15	
Chloroform	ug/L	ND	1.0	0.22	07/20/21 15:15	
Chloromethane	ug/L	ND	1.0	0.28	07/20/21 15:15	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.13	07/20/21 15:15	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.078	07/20/21 15:15	
Cyclohexane	ug/L	ND	1.0	0.24	07/20/21 15:15	
Dibromochloromethane	ug/L	ND	1.0	0.30	07/20/21 15:15	
Dichlorodifluoromethane	ug/L	ND	1.0	0.20	07/20/21 15:15	
Ethylbenzene	ug/L	ND	1.0	0.12	07/20/21 15:15	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	0.097	07/20/21 15:15	
Methyl acetate	ug/L	ND	1.0	0.87	07/20/21 15:15	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.13	07/20/21 15:15	
Methylcyclohexane	ug/L	ND	1.0	0.12	07/20/21 15:15	
Methylene Chloride	ug/L	ND	1.0	0.39	07/20/21 15:15	
Styrene	ug/L	ND	1.0	0.12	07/20/21 15:15	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

METHOD BLANK: 2942170

Matrix: Water

Associated Lab Samples: 60375182018, 60375182019, 60375182020, 60375182026, 60375182027, 60375182029

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Tetrachloroethene	ug/L	ND	1.0	0.33	07/20/21 15:15	
Toluene	ug/L	ND	1.0	0.25	07/20/21 15:15	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.10	07/20/21 15:15	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.18	07/20/21 15:15	
Trichloroethene	ug/L	ND	1.0	0.21	07/20/21 15:15	
Trichlorofluoromethane	ug/L	ND	1.0	0.16	07/20/21 15:15	
Vinyl chloride	ug/L	ND	1.0	0.17	07/20/21 15:15	
Xylene (Total)	ug/L	ND	3.0	0.28	07/20/21 15:15	
1,2-Dichlorobenzene-d4 (S)	%	99	80-120		07/20/21 15:15	
4-Bromofluorobenzene (S)	%	98	80-120		07/20/21 15:15	
Toluene-d8 (S)	%	102	80-120		07/20/21 15:15	

LABORATORY CONTROL SAMPLE: 2942171

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.5	97	80-120	
1,1,2,2-Tetrachloroethane	ug/L	20	17.9	90	75-125	
1,1,2-Trichloroethane	ug/L	20	22.0	110	80-120	
1,1,2-Trichlorotrifluoroethane	ug/L	20	20.6	103	70-130	N2
1,1-Dichloroethane	ug/L	20	20.7	104	75-125	
1,1-Dichloroethene	ug/L	20	21.0	105	80-120	
1,2,4-Trichlorobenzene	ug/L	20	20.0	100	75-120	
1,2-Dibromo-3-chloropropane	ug/L	20	18.2	91	70-120	
1,2-Dibromoethane (EDB)	ug/L	20	21.9	109	80-120	
1,2-Dichlorobenzene	ug/L	20	20.2	101	80-120	
1,2-Dichloroethane	ug/L	20	20.2	101	75-120	
1,2-Dichloropropane	ug/L	20	20.3	101	80-125	
1,3-Dichlorobenzene	ug/L	20	20.5	102	80-120	
1,4-Dichlorobenzene	ug/L	20	20.3	101	80-120	
2-Butanone (MEK)	ug/L	100	113	113	40-150	
2-Hexanone	ug/L	100	108	108	45-150	
4-Methyl-2-pentanone (MIBK)	ug/L	100	100	100	65-140	
Acetone	ug/L	100	94.8	95	20-175	
Benzene	ug/L	20	20.4	102	80-120	
Bromodichloromethane	ug/L	20	20.8	104	80-125	
Bromoform	ug/L	20	19.5	97	60-135	
Bromomethane	ug/L	20	11.9	59	10-165	
Carbon disulfide	ug/L	20	20.0	100	75-135	
Carbon tetrachloride	ug/L	20	20.6	103	80-125	
Chlorobenzene	ug/L	20	21.1	106	80-120	
Chloroethane	ug/L	20	21.0	105	70-130	
Chloroform	ug/L	20	19.9	99	80-120	
Chloromethane	ug/L	20	13.4	67	35-155	
cis-1,2-Dichloroethene	ug/L	20	20.1	101	80-120	

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QUALITY CONTROL DATA

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

LABORATORY CONTROL SAMPLE: 2942171

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,3-Dichloropropene	ug/L	20	20.0	100	80-125	
Cyclohexane	ug/L	20	20.5	103	80-130	
Dibromochloromethane	ug/L	20	22.6	113	70-120	
Dichlorodifluoromethane	ug/L	20	20.1	100	50-150	
Ethylbenzene	ug/L	20	20.5	102	80-120	
Isopropylbenzene (Cumene)	ug/L	20	21.7	108	80-125	
Methyl acetate	ug/L	100	99.9	100	45-140	
Methyl-tert-butyl ether	ug/L	20	20.6	103	65-130	
Methylcyclohexane	ug/L	20	20.5	102	80-125	
Methylene Chloride	ug/L	20	18.5	92	75-120	
Styrene	ug/L	20	21.3	107	80-120	
Tetrachloroethene	ug/L	20	21.0	105	80-120	
Toluene	ug/L	20	20.6	103	80-120	
trans-1,2-Dichloroethene	ug/L	20	20.0	100	80-120	
trans-1,3-Dichloropropene	ug/L	20	20.5	103	75-120	
Trichloroethene	ug/L	20	22.0	110	80-120	
Trichlorofluoromethane	ug/L	20	22.6	113	80-130	
Vinyl chloride	ug/L	20	20.2	101	65-130	
Xylene (Total)	ug/L	60	63.0	105	80-120	
1,2-Dichlorobenzene-d4 (S)	%			99	80-120	
4-Bromofluorobenzene (S)	%			97	80-120	
Toluene-d8 (S)	%			102	80-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

QC Batch: 733138

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: 60375182021, 60375182022, 60375182023, 60375182024, 60375182025

METHOD BLANK: 2942175

Matrix: Water

Associated Lab Samples: 60375182021, 60375182022, 60375182023, 60375182024, 60375182025

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	0.11	07/20/21 20:26	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.15	07/20/21 20:26	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.14	07/20/21 20:26	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	0.19	07/20/21 20:26	N2
1,1-Dichloroethane	ug/L	ND	1.0	0.12	07/20/21 20:26	
1,1-Dichloroethene	ug/L	ND	1.0	0.22	07/20/21 20:26	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.73	07/20/21 20:26	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	0.78	07/20/21 20:26	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.20	07/20/21 20:26	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.12	07/20/21 20:26	
1,2-Dichloroethane	ug/L	ND	1.0	0.21	07/20/21 20:26	
1,2-Dichloropropane	ug/L	ND	1.0	0.14	07/20/21 20:26	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.13	07/20/21 20:26	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.13	07/20/21 20:26	
2-Butanone (MEK)	ug/L	ND	10.0	0.98	07/20/21 20:26	
2-Hexanone	ug/L	ND	10.0	1.1	07/20/21 20:26	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	0.74	07/20/21 20:26	
Acetone	ug/L	ND	10.0	2.5	07/20/21 20:26	
Benzene	ug/L	ND	1.0	0.14	07/20/21 20:26	
Bromodichloromethane	ug/L	ND	1.0	0.16	07/20/21 20:26	
Bromoform	ug/L	ND	1.0	0.68	07/20/21 20:26	
Bromomethane	ug/L	ND	5.0	0.46	07/20/21 20:26	
Carbon disulfide	ug/L	ND	5.0	0.98	07/20/21 20:26	
Carbon tetrachloride	ug/L	ND	1.0	0.17	07/20/21 20:26	
Chlorobenzene	ug/L	ND	1.0	0.089	07/20/21 20:26	
Chloroethane	ug/L	ND	1.0	0.37	07/20/21 20:26	
Chloroform	ug/L	ND	1.0	0.22	07/20/21 20:26	
Chloromethane	ug/L	ND	1.0	0.28	07/20/21 20:26	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.13	07/20/21 20:26	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.078	07/20/21 20:26	
Cyclohexane	ug/L	ND	1.0	0.24	07/20/21 20:26	
Dibromochloromethane	ug/L	ND	1.0	0.30	07/20/21 20:26	
Dichlorodifluoromethane	ug/L	ND	1.0	0.20	07/20/21 20:26	
Ethylbenzene	ug/L	ND	1.0	0.12	07/20/21 20:26	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	0.097	07/20/21 20:26	
Methyl acetate	ug/L	ND	1.0	0.87	07/20/21 20:26	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.13	07/20/21 20:26	
Methylcyclohexane	ug/L	ND	1.0	0.12	07/20/21 20:26	
Methylene Chloride	ug/L	ND	1.0	0.39	07/20/21 20:26	
Styrene	ug/L	ND	1.0	0.12	07/20/21 20:26	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

METHOD BLANK: 2942175

Matrix: Water

Associated Lab Samples: 60375182021, 60375182022, 60375182023, 60375182024, 60375182025

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Tetrachloroethene	ug/L	ND	1.0	0.33	07/20/21 20:26	
Toluene	ug/L	ND	1.0	0.25	07/20/21 20:26	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.10	07/20/21 20:26	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.18	07/20/21 20:26	
Trichloroethene	ug/L	ND	1.0	0.21	07/20/21 20:26	
Trichlorofluoromethane	ug/L	ND	1.0	0.16	07/20/21 20:26	
Vinyl chloride	ug/L	ND	1.0	0.17	07/20/21 20:26	
Xylene (Total)	ug/L	ND	3.0	0.28	07/20/21 20:26	
1,2-Dichlorobenzene-d4 (S)	%	99	80-120		07/20/21 20:26	
4-Bromofluorobenzene (S)	%	95	80-120		07/20/21 20:26	
Toluene-d8 (S)	%	101	80-120		07/20/21 20:26	

LABORATORY CONTROL SAMPLE: 2942176

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.5	98	80-120	
1,1,2,2-Tetrachloroethane	ug/L	20	18.8	94	75-125	
1,1,2-Trichloroethane	ug/L	20	21.0	105	80-120	
1,1,2-Trichlorotrifluoroethane	ug/L	20	20.9	104	70-130	N2
1,1-Dichloroethane	ug/L	20	21.2	106	75-125	
1,1-Dichloroethene	ug/L	20	21.4	107	80-120	
1,2,4-Trichlorobenzene	ug/L	20	20.1	100	75-120	
1,2-Dibromo-3-chloropropane	ug/L	20	18.2	91	70-120	
1,2-Dibromoethane (EDB)	ug/L	20	21.0	105	80-120	
1,2-Dichlorobenzene	ug/L	20	20.7	103	80-120	
1,2-Dichloroethane	ug/L	20	20.0	100	75-120	
1,2-Dichloropropane	ug/L	20	20.5	103	80-125	
1,3-Dichlorobenzene	ug/L	20	20.5	103	80-120	
1,4-Dichlorobenzene	ug/L	20	20.3	102	80-120	
2-Butanone (MEK)	ug/L	100	123	123	40-150	
2-Hexanone	ug/L	100	124	124	45-150	
4-Methyl-2-pentanone (MIBK)	ug/L	100	103	103	65-140	
Acetone	ug/L	100	111	111	20-175	
Benzene	ug/L	20	20.4	102	80-120	
Bromodichloromethane	ug/L	20	20.8	104	80-125	
Bromoform	ug/L	20	18.7	93	60-135	
Bromomethane	ug/L	20	9.9	50	10-165	
Carbon disulfide	ug/L	20	20.4	102	75-135	
Carbon tetrachloride	ug/L	20	20.9	105	80-125	
Chlorobenzene	ug/L	20	20.7	104	80-120	
Chloroethane	ug/L	20	21.3	107	70-130	
Chloroform	ug/L	20	20.0	100	80-120	
Chloromethane	ug/L	20	11.9	60	35-155	
cis-1,2-Dichloroethene	ug/L	20	20.3	101	80-120	

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QUALITY CONTROL DATA

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

LABORATORY CONTROL SAMPLE: 2942176

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,3-Dichloropropene	ug/L	20	20.0	100	80-125	
Cyclohexane	ug/L	20	21.3	107	80-130	
Dibromochloromethane	ug/L	20	21.3	106	70-120	
Dichlorodifluoromethane	ug/L	20	20.7	103	50-150	
Ethylbenzene	ug/L	20	21.0	105	80-120	
Isopropylbenzene (Cumene)	ug/L	20	21.5	107	80-125	
Methyl acetate	ug/L	100	98.0	98	45-140	
Methyl-tert-butyl ether	ug/L	20	20.2	101	65-130	
Methylcyclohexane	ug/L	20	20.9	104	80-125	
Methylene Chloride	ug/L	20	18.4	92	75-120	
Styrene	ug/L	20	21.3	106	80-120	
Tetrachloroethene	ug/L	20	20.9	105	80-120	
Toluene	ug/L	20	20.4	102	80-120	
trans-1,2-Dichloroethene	ug/L	20	20.0	100	80-120	
trans-1,3-Dichloropropene	ug/L	20	20.1	100	75-120	
Trichloroethene	ug/L	20	21.6	108	80-120	
Trichlorofluoromethane	ug/L	20	22.7	113	80-130	
Vinyl chloride	ug/L	20	19.6	98	65-130	
Xylene (Total)	ug/L	60	62.9	105	80-120	
1,2-Dichlorobenzene-d4 (S)	%			99	80-120	
4-Bromofluorobenzene (S)	%			100	80-120	
Toluene-d8 (S)	%			100	80-120	

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QUALITY CONTROL DATA

Project: 012559A GM RACER Fairfax
Pace Project No.: 60375182

QC Batch:	733628	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: 60375182017

METHOD BLANK: 2943895 Matrix: Water

Associated Lab Samples: 60375182017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	0.11	07/22/21 08:45	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.15	07/22/21 08:45	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.14	07/22/21 08:45	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	0.19	07/22/21 08:45	N2
1,1-Dichloroethane	ug/L	ND	1.0	0.12	07/22/21 08:45	
1,1-Dichloroethene	ug/L	ND	1.0	0.22	07/22/21 08:45	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.73	07/22/21 08:45	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	0.78	07/22/21 08:45	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.20	07/22/21 08:45	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.12	07/22/21 08:45	
1,2-Dichloroethane	ug/L	ND	1.0	0.21	07/22/21 08:45	
1,2-Dichloropropane	ug/L	ND	1.0	0.14	07/22/21 08:45	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.13	07/22/21 08:45	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.13	07/22/21 08:45	
2-Butanone (MEK)	ug/L	ND	10.0	0.98	07/22/21 08:45	
2-Hexanone	ug/L	ND	10.0	1.1	07/22/21 08:45	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	0.74	07/22/21 08:45	
Acetone	ug/L	ND	10.0	2.5	07/22/21 08:45	
Benzene	ug/L	ND	1.0	0.14	07/22/21 08:45	
Bromodichloromethane	ug/L	ND	1.0	0.16	07/22/21 08:45	
Bromoform	ug/L	ND	1.0	0.68	07/22/21 08:45	
Bromomethane	ug/L	ND	5.0	0.46	07/22/21 08:45	
Carbon disulfide	ug/L	ND	5.0	0.98	07/22/21 08:45	
Carbon tetrachloride	ug/L	ND	1.0	0.17	07/22/21 08:45	
Chlorobenzene	ug/L	ND	1.0	0.089	07/22/21 08:45	
Chloroethane	ug/L	ND	1.0	0.37	07/22/21 08:45	
Chloroform	ug/L	ND	1.0	0.22	07/22/21 08:45	
Chloromethane	ug/L	ND	1.0	0.28	07/22/21 08:45	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.13	07/22/21 08:45	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.078	07/22/21 08:45	
Cyclohexane	ug/L	ND	1.0	0.24	07/22/21 08:45	
Dibromochloromethane	ug/L	ND	1.0	0.30	07/22/21 08:45	
Dichlorodifluoromethane	ug/L	ND	1.0	0.20	07/22/21 08:45	
Ethylbenzene	ug/L	ND	1.0	0.12	07/22/21 08:45	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	0.097	07/22/21 08:45	
Methyl acetate	ug/L	ND	1.0	0.87	07/22/21 08:45	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.13	07/22/21 08:45	
Methylcyclohexane	ug/L	ND	1.0	0.12	07/22/21 08:45	
Methylene Chloride	ug/L	ND	1.0	0.39	07/22/21 08:45	
Styrene	ug/L	ND	1.0	0.12	07/22/21 08:45	

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QUALITY CONTROL DATA

Project: 012559A GM RACER Fairfax
Pace Project No.: 60375182

METHOD BLANK: 2943895

Matrix: Water

Associated Lab Samples: 60375182017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Tetrachloroethene	ug/L	ND	1.0	0.33	07/22/21 08:45	
Toluene	ug/L	ND	1.0	0.25	07/22/21 08:45	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.10	07/22/21 08:45	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.18	07/22/21 08:45	
Trichloroethene	ug/L	ND	1.0	0.21	07/22/21 08:45	
Trichlorofluoromethane	ug/L	ND	1.0	0.16	07/22/21 08:45	
Vinyl chloride	ug/L	ND	1.0	0.17	07/22/21 08:45	
Xylene (Total)	ug/L	ND	3.0	0.28	07/22/21 08:45	
1,2-Dichlorobenzene-d4 (S)	%	101	80-120		07/22/21 08:45	
4-Bromofluorobenzene (S)	%	98	80-120		07/22/21 08:45	
Toluene-d8 (S)	%	101	80-120		07/22/21 08:45	

LABORATORY CONTROL SAMPLE: 2943896

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.4	97	80-120	
1,1,2,2-Tetrachloroethane	ug/L	20	20.6	103	75-125	
1,1,2-Trichloroethane	ug/L	20	21.9	110	80-120	
1,1,2-Trichlorotrifluoroethane	ug/L	20	21.4	107	70-130	N2
1,1-Dichloroethane	ug/L	20	21.0	105	75-125	
1,1-Dichloroethene	ug/L	20	21.1	105	80-120	
1,2,4-Trichlorobenzene	ug/L	20	21.1	105	75-120	
1,2-Dibromo-3-chloropropane	ug/L	20	17.7	88	70-120	
1,2-Dibromoethane (EDB)	ug/L	20	21.5	108	80-120	
1,2-Dichlorobenzene	ug/L	20	21.4	107	80-120	
1,2-Dichloroethane	ug/L	20	20.3	101	75-120	
1,2-Dichloropropane	ug/L	20	20.0	100	80-125	
1,3-Dichlorobenzene	ug/L	20	21.1	106	80-120	
1,4-Dichlorobenzene	ug/L	20	20.8	104	80-120	
2-Butanone (MEK)	ug/L	100	128	128	40-150	
2-Hexanone	ug/L	100	125	125	45-150	
4-Methyl-2-pentanone (MIBK)	ug/L	100	105	105	65-140	
Acetone	ug/L	100	120	120	20-175	
Benzene	ug/L	20	20.7	104	80-120	
Bromodichloromethane	ug/L	20	21.1	105	80-125	
Bromoform	ug/L	20	19.1	96	60-135	
Bromomethane	ug/L	20	15.4	77	10-165	
Carbon disulfide	ug/L	20	20.6	103	75-135	
Carbon tetrachloride	ug/L	20	20.7	103	80-125	
Chlorobenzene	ug/L	20	21.6	108	80-120	
Chloroethane	ug/L	20	21.1	105	70-130	
Chloroform	ug/L	20	20.3	102	80-120	
Chloromethane	ug/L	20	16.1	80	35-155	
cis-1,2-Dichloroethene	ug/L	20	20.6	103	80-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

LABORATORY CONTROL SAMPLE: 2943896

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,3-Dichloropropene	ug/L	20	20.4	102	80-125	
Cyclohexane	ug/L	20	21.8	109	80-130	
Dibromochloromethane	ug/L	20	21.4	107	70-120	
Dichlorodifluoromethane	ug/L	20	20.5	102	50-150	
Ethylbenzene	ug/L	20	21.1	106	80-120	
Isopropylbenzene (Cumene)	ug/L	20	22.0	110	80-125	
Methyl acetate	ug/L	100	105	105	45-140	
Methyl-tert-butyl ether	ug/L	20	20.2	101	65-130	
Methylcyclohexane	ug/L	20	20.9	105	80-125	
Methylene Chloride	ug/L	20	18.6	93	75-120	
Styrene	ug/L	20	21.8	109	80-120	
Tetrachloroethene	ug/L	20	20.8	104	80-120	
Toluene	ug/L	20	21.0	105	80-120	
trans-1,2-Dichloroethene	ug/L	20	20.2	101	80-120	
trans-1,3-Dichloropropene	ug/L	20	20.8	104	75-120	
Trichloroethene	ug/L	20	20.3	102	80-120	
Trichlorofluoromethane	ug/L	20	23.6	118	80-130	
Vinyl chloride	ug/L	20	20.0	100	65-130	
Xylene (Total)	ug/L	60	64.8	108	80-120	
1,2-Dichlorobenzene-d4 (S)	%			100	80-120	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2943897 2943898

Parameter	Units	60375409005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	ND	20	20	21.2	20.6	106	103	75-130	3	15	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.0	20.0	100	100	65-130	0	15	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.6	20.4	103	102	70-120	1	20	
1,1,2-Trichloroethane	ug/L	ND	20	20	22.9	21.5	114	107	80-140	6	15	N2
Trichlorotrifluoroethane												
1,1-Dichloroethane	ug/L	ND	20	20	22.0	20.9	110	104	61-130	5	15	
1,1-Dichloroethene	ug/L	ND	20	20	23.1	20.9	116	105	60-135	10	25	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	19.6	19.5	98	98	50-125	0	25	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	17.6	16.3	88	82	55-125	8	25	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.6	20.1	103	101	65-125	3	20	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.8	20.3	104	102	65-120	3	20	
1,2-Dichloroethane	ug/L	ND	20	20	20.7	19.9	104	100	30-160	4	25	
1,2-Dichloropropane	ug/L	ND	20	20	20.9	20.1	105	100	65-130	4	20	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.1	20.3	105	102	65-120	4	20	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.8	20.3	104	101	60-125	3	20	
2-Butanone (MEK)	ug/L	ND	100	100	73.6	74.1	74	74	30-130	1	25	
2-Hexanone	ug/L	ND	100	100	77.6	77.6	78	78	40-135	0	20	

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QUALITY CONTROL DATA

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2943897 2943898											
Parameter	Units	60375409005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	100	99.7	100	100	100	60-135	0	20
Acetone	ug/L	ND	100	100	46.1	45.6	46	46	10-150	1	25
Benzene	ug/L	ND	20	20	21.8	20.8	109	104	20-155	5	25
Bromodichloromethane	ug/L	ND	20	20	21.1	20.7	105	103	70-130	2	15
Bromoform	ug/L	ND	20	20	18.1	18.4	91	92	50-125	2	20
Bromomethane	ug/L	ND	20	20	14.8	15.8	74	79	10-155	7	45
Carbon disulfide	ug/L	ND	20	20	19.3	18.7	96	94	55-140	3	25
Carbon tetrachloride	ug/L	ND	20	20	22.4	21.5	112	108	70-140	4	20
Chlorobenzene	ug/L	ND	20	20	21.1	20.9	106	105	65-130	1	20
Chloroethane	ug/L	ND	20	20	22.6	22.7	113	113	20-180	0	20
Chloroform	ug/L	ND	20	20	20.9	19.8	104	99	70-125	5	20
Chloromethane	ug/L	ND	20	20	19.7	15.7	99	79	20-160	23	30
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.0	20.0	105	100	55-130	5	20
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.2	19.9	101	99	60-125	2	20
Cyclohexane	ug/L	ND	20	20	24.6	22.7	123	113	75-150	8	20
Dibromochloromethane	ug/L	ND	20	20	20.0	20.4	100	102	65-120	2	20
Dichlorodifluoromethane	ug/L	ND	20	20	23.7	23.0	119	115	10-175	3	25
Ethylbenzene	ug/L	ND	20	20	21.1	20.8	105	104	20-160	1	25
Isopropylbenzene (Cumene)	ug/L	ND	20	20	22.7	22.0	113	110	65-140	3	20
Methyl acetate	ug/L	ND	100	100	84.2	83.4	84	83	40-140	1	20
Methyl-tert-butyl ether	ug/L	ND	20	20	20.6	19.2	103	96	25-160	7	30
Methylcyclohexane	ug/L	ND	20	20	23.2	22.3	116	111	65-155	4	20
Methylene Chloride	ug/L	ND	20	20	17.3	16.3	87	82	60-125	6	25
Styrene	ug/L	ND	20	20	21.5	20.9	108	104	40-145	3	30
Tetrachloroethene	ug/L	ND	20	20	21.9	21.0	110	105	55-135	4	25
Toluene	ug/L	ND	20	20	21.3	20.6	106	103	25-150	3	25
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.8	20.1	109	100	60-130	8	20
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.2	19.6	101	98	60-120	3	15
Trichloroethene	ug/L	ND	20	20	21.6	20.5	108	102	50-145	5	20
Trichlorofluoromethane	ug/L	ND	20	20	26.3	24.8	131	124	50-155	6	20
Vinyl chloride	ug/L	ND	20	20	22.8	22.5	114	112	40-155	1	25
Xylene (Total)	ug/L	ND	60	60	64.4	62.9	107	105	15-160	2	30
1,2-Dichlorobenzene-d4 (S)	%						98	99	80-120		
4-Bromofluorobenzene (S)	%						98	99	80-120		
Toluene-d8 (S)	%						99	98	80-120		
Preservation pH		1.0			1.0	1.0				0	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

QC Batch:	733337	Analysis Method:	EPA 8015C
QC Batch Method:	EPA 3511	Analysis Description:	EPA 8015C
		Laboratory:	Pace Analytical Services - Kansas City

Associated Lab Samples: 60375182010, 60375182011, 60375182014

METHOD BLANK: 2942777 Matrix: Water

Associated Lab Samples: 60375182010, 60375182011, 60375182014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
HRH (C19-C35)	mg/L	ND	0.20	0.11	07/29/21 11:54	
MRH (C9-C18)	mg/L	ND	0.059	0.054	07/29/21 11:54	
1-Chloro-octadecane (S)	%	80	40-140		07/29/21 11:54	

LABORATORY CONTROL SAMPLE & LCSD: 2942778

LABORATORY CONTROL SAMPLE & LCSD: 2942778			2942779							
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	0.23	0.24	101	105	40-140	2	25	
MRH (C9-C18)	mg/L	0.17	0.19	0.17	110	102	40-140	8	25	
1-Chloro-octadecane (S)	%				81	81	40-140			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2942780

Parameter	Units	2942781										
		60375182014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
HRH (C19-C35)	mg/L	ND	0.23	0.23	0.29	0.27	91	81	40-140	7	25	
MRH (C9-C18)	mg/L	0.072	0.17	0.17	0.23	0.22	91	88	40-140	2	25	
1-Chloro-octadecane (S)	%						85	86	40-140			

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QUALITY CONTROL DATA

Project: 012559A GM RACER Fairfax
Pace Project No.: 60375182

QC Batch:	733039	Analysis Method:	EPA 8270C by SIM
QC Batch Method:	EPA 3510C	Analysis Description:	8270 Water PAH by SIM MSSV
		Laboratory:	Pace Analytical Services - Kansas City

Associated Lab Samples: 60375182010, 60375182011, 60375182014

METHOD BLANK: 2941699 Matrix: Water
Associated Lab Samples: 60375182010, 60375182011, 60375182014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Naphthalene	ug/L	ND	0.50	0.080	07/20/21 11:40	
2-Fluorobiphenyl (S)	%	57	37-109		07/20/21 11:40	
Terphenyl-d14 (S)	%	81	34-120		07/20/21 11:40	

LABORATORY CONTROL SAMPLE: 2941700

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	10	5.6	56	42-103	
2-Fluorobiphenyl (S)	%			58	37-109	
Terphenyl-d14 (S)	%			79	34-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2941701 2941702

Parameter	Units	60375182014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Naphthalene	ug/L	ND	10	10	5.7	6.4	57	64	35-107	11	36	
2-Fluorobiphenyl (S)	%						62	66	37-109			
Terphenyl-d14 (S)	%						76	80	34-120			

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QUALIFIERS

Project: 012559A GM RACER Fairfax
Pace Project No.: 60375182

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.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

SAMPLE QUALIFIERS

Sample: 60375182029
[1] Rec'd 3- VG9H WG-071321-NL-005. Not on COC. 7/13/21 10:30

BATCH QUALIFIERS

Batch: 733136
[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
Batch: 733138
[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 012559A GM RACER Fairfax

Pace Project No.: 60375182

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60375182010	WG-071321-SM-006	EPA 3511	733337	EPA 8015C	734637
60375182011	WG-071321-SM-007	EPA 3511	733337	EPA 8015C	734637
60375182014	WG-071321-NL-007	EPA 3511	733337	EPA 8015C	734637
60375182010	WG-071321-SM-006	KS LRH: EPA 5030B/8015C	734170		
60375182011	WG-071321-SM-007	KS LRH: EPA 5030B/8015C	734170		
60375182014	WG-071321-NL-007	KS LRH: EPA 5030B/8015C	734170		
60375182010	WG-071321-SM-006	EPA 3510C	733039	EPA 8270C by SIM	733173
60375182011	WG-071321-SM-007	EPA 3510C	733039	EPA 8270C by SIM	733173
60375182014	WG-071321-NL-007	EPA 3510C	733039	EPA 8270C by SIM	733173
60375182001	WG-071221-NL-001	EPA 5030B/8260	733096		
60375182002	WG-071221-SM-001	EPA 5030B/8260	733096		
60375182003	WG-071221-SM-002	EPA 5030B/8260	733096		
60375182004	WG-071221-NL-002	EPA 5030B/8260	733096		
60375182005	WG-071221-SM-003	EPA 5030B/8260	733096		
60375182006	WG-071221-NL-003	EPA 5030B/8260	733096		
60375182007	WG-071221-NL-004	EPA 5030B/8260	733096		
60375182008	WG-071221-SM-004	EPA 5030B/8260	733096		
60375182009	WG-071221-SM-005	EPA 5030B/8260	733096		
60375182010	WG-071321-SM-006	EPA 5030B/8260	733096		
60375182011	WG-071321-SM-007	EPA 5030B/8260	733096		
60375182012	WG-071321-NL-006	EPA 5030B/8260	733096		
60375182013	WG-071321-SM-008	EPA 5030B/8260	733096		
60375182014	WG-071321-NL-007	EPA 5030B/8260	733096		
60375182015	WG-071321-SM-009	EPA 5030B/8260	733096		
60375182016	WG-071321-SM-010	EPA 5030B/8260	733096		
60375182017	WG-071321-SM-011	EPA 5030B/8260	733628		
60375182018	WG-071321-NL-008	EPA 5030B/8260	733136		
60375182019	WG-071321-SM-012	EPA 5030B/8260	733136		
60375182020	WG-071321-NL-009	EPA 5030B/8260	733136		
60375182021	WG-071421-SM-013	EPA 5030B/8260	733138		
60375182022	WG-071421-NL-010	EPA 5030B/8260	733138		
60375182023	WG-071421-SM-014	EPA 5030B/8260	733138		
60375182024	WG-071421-SM-015	EPA 5030B/8260	733138		
60375182025	WG-071421-NL-011	EPA 5030B/8260	733138		
60375182026	WG-071421-NL-012	EPA 5030B/8260	733136		
60375182027	WG-071421-NL-013	EPA 5030B/8260	733136		
60375182028	Trip Blank	EPA 5030B/8260	733096		
60375182029	WG-071321-NL-005	EPA 5030B/8260	733136		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt
ESI Tech Spec Client

WO#: 60375182
60375182

Client Name: GHD Plus Kansas

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

Tracking #: _____ Pace Shipping Label Used? Yes ☐ No ☒

Custody Seal on Cooler/Box Present: Yes ☒ No ☐ Seals intact: Yes ☒ No ☐

Packing Material: Bubble Wrap ☐ Bubble Bags ☒ Foam ☐ None ☐ Other ☒ Ziploc

Thermometer Used: T296 Type of Ice: Wet Blue ☐ None ☐

Cooler Temperature (°C): As-read 2.3 Corr. Factor 0.3 Corrected 2.0

Date and initials of person
examining contents: 7/17/21 SLR

Temperature should be above freezing to 6°C

Chain of Custody present:	☒ Yes ☐ No ☐ N/A	Received 3-VG9H vials for Sample WG-071321-NL-005
Chain of Custody relinquished:	☒ Yes ☐ No ☐ N/A	
Samples arrived within holding time:	☒ Yes ☐ No ☐ N/A	7/13 10:30 Not Listed on Coc
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)	☐ 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: _____

Temp Log: Record start and finish times
when unpacking cooler, if >20 min, recheck
sample temps.

Start: 0845 Start: _____

End: 0903 End: _____

Temp: 2.0 Temp: _____



CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A		Section B		Section C	
Required Client Information:		Required Project Information:		Invoice Information:	
Company: GHD P66 Kansas	Report To: Travis Kogi/Nick Laskares	Attention:		Company Name:	
Address: 1502 SW 41st	Copy To: Angela Bown	Address:		Address:	
Topeka, KS 66609		Purchase Order #:		Pace Quote:	
Email: nick.laskares@ghd.com		Project Name: 012559A GM RACER FairFax		Pace Project Manager: Nolie Wood	
Phone: 785-783-8982	Fax:	Project #:		Pace Profile #: 13763, line 2	
Requested Due Date:				State / Location: KS	
				Regulatory Agency:	
				Page: 2 of 5	

ITEM #	MATRIX	CODE	COLLECTED		DATE	TIME	SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	PRESERVATIVES								Analyses Test	Y/N	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	60375182																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			START	END							H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	KS TPH LRH			8270 PAH SIM Naphthalene	8260 VOCs	KS MHH/HRH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

SAMPLER NAME AND SIGNATURE		DATE SIGNED		TEMP in C		Received on		Ice (Y/N)		Custody		Sealed		Cooler		Samples (Y/N)		Intact (Y/N)	
PRINT Name of SAMPLER:		DATE SIGNED		TEMP in C		Received on		Ice (Y/N)		Custody		Sealed		Cooler		Samples (Y/N)		Intact (Y/N)	
SIGNATURE of SAMPLER:		DATE SIGNED		TEMP in C		Received on		Ice (Y/N)		Custody		Sealed		Cooler		Samples (Y/N)		Intact (Y/N)	

Appendix C

Reduced Data Validation Memo

Technical Memorandum

09 August 2021

To	Travis Kogl	Tel	513-285-1102
Copy to	Nick Laskares	Email	Angela.Bown@ghd.com
From	Angela Bown/cs/13-NF	Ref. No.	012559A
Subject	Analytical Results and Reduced Validation Semiannual Groundwater Monitoring Program Former RACER Fairfax Site Kansas City, Kansas July 2021		

1. Introduction

This document details a reduced validation of analytical results for water samples collected in support of the Semiannual Groundwater Monitoring Program at the Former RACER Fairfax site during July 2021. Samples were submitted to Pace Analytical (Pace) located in Lenexa, Kansas. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard GHD report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody form, 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, "USEPA National Functional Guidelines for Superfund Organic Methods Data Review", USEPA 540-R-2016-002, September 2016.

This item will subsequently be referred to as the "Guidelines" in this Memorandum.

2. Sample Holding Time and Preservation

The sample holding time criteria and sample preservation requirements for the analyses are summarized in Table 3. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were prepared and analyzed within the required holding times.

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

3. Laboratory Method Blank Analyses

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

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 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.

4. Surrogate Spike Recoveries - Organic Analyses

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

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

Each individual surrogate compound is expected to meet the laboratory control limits with the exception of semi-volatile organic compound (SVOC) analyses. According to the "Guidelines" for SVOC 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 or carbon ranges of interest. All LCS recoveries and RPDs were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision, where applicable.

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

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

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

The MS/MSD samples were spiked with all compounds or carbon ranges of interest. All percent recoveries and RPD values were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision with the exception of low range hydrocarbon (LRH) analysis. Table 4 presents the qualified sample result.

7. Field QA/QC Samples

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

Trip Blank Sample Analysis

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

Field Duplicate Sample Analysis

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

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 unless qualified otherwise in this memorandum.

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

9. Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable with the specific qualification noted herein.

Regards,



Angela Bown
Data Management Team Lead-Data Validator

Table 1

Sample Collection and Analysis Summary
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2021

Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	<u>Analysis/Parameters</u>				Comments
					VOCs	TPH-LRH	TPH-MRH/HRH	Naphthalene	
WG-071221-SM-001	MW-208A	Water	07/12/2021	12:45	X				
WG-071221-SM-002	MW-208B	Water	07/12/2021	13:30	X				
WG-071221-SM-003	MW-208C	Water	07/12/2021	14:35	X				
WG-071221-SM-004	MW-205A	Water	07/12/2021	15:55	X				
WG-071221-SM-005	MW-205B	Water	07/12/2021	16:35	X				
WG-071321-SM-006	MW-207A	Water	07/13/2021	11:00	X	X	X	X	
WG-071321-SM-007	MW-207A	Water	07/13/2021	12:00	X	X	X	X	FD(WG-071321-SM-006)
WG-071321-SM-008	MW-207C	Water	07/13/2021	11:45	X				
WG-071321-SM-009	MW-207B	Water	07/13/2021	12:45	X				
WG-071321-SM-010	MW-206A	Water	07/13/2021	15:05	X				
WG-071321-SM-011	MW-206B	Water	07/13/2021	15:50	X				
WG-071321-SM-012	MW-206C	Water	07/13/2021	16:55	X				
WG-071421-SM-013	MW-124B	Water	07/14/2021	11:00	X				
WG-071421-SM-014	MW-124A	Water	07/14/2021	11:50	X				
WG-071421-SM-015	MW-201	Water	07/14/2021	12:55	X				
WG-071221-NL-001	MW-1A	Water	07/12/2021	13:35	X				
WG-071221-NL-002	MW-1A	Water	07/12/2021	13:45	X				FD(WG-071221-NL-001)
WG-071221-NL-003	MW-1B	Water	07/12/2021	14:45	X				
WG-071221-NL-004	MW-1C	Water	07/12/2021	15:45	X				

Table 1

Sample Collection and Analysis Summary
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2021

Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	<u>Analysis/Parameters</u>				Comments
					VOCs	TPH-LRH	TPH-MRH/HRH	Naphthalene	
WG-071321-NL-005	MW-146B	Water	07/13/2021	10:30	X				
WG-071321-NL-006	MW-146C	Water	07/13/2021	11:30	X				
WG-071321-NL-007	TMW-146	Water	07/13/2021	12:35	X	X	X	X	MS/MSD
WG-071321-NL-008	MW-204A	Water	07/13/2021	16:00	X				
WG-071321-NL-009	MW-204B	Water	07/13/2021	17:15	X				
WG-071421-NL-010	MW-200	Water	07/14/2021	11:50	X				
WG-071421-NL-011	MW-202	Water	07/14/2021	13:35	X				
WG-071421-NL-012	MW-203	Water	07/14/2021	14:45	X				
WG-071421-NL-013	MW-110A	Water	07/14/2021	16:00	X				
Trip Blank	-	Water	07/12/2021	-	X				Trip Blank

Notes:

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

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2021

Location ID:		MW-1A	MW-1A	MW-1B	MW-1C	MW-110A
Sample Name:		WG-071221-NL-001	WG-071221-NL-002	WG-071221-NL-003	WG-071221-NL-004	WG-071421-NL-013
Sample Date:		07/12/2021	07/12/2021 Duplicate	07/12/2021	07/12/2021	07/14/2021
Parameters	Unit					
Volatile Organic Compounds						
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
1,2,4-Trichlorobenzene	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-Dichloropropane	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
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
2-Hexanone	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 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
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

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2021

Location ID:		MW-1A	MW-1A	MW-1B	MW-1C	MW-110A
Sample Name:		WG-071221-NL-001	WG-071221-NL-002	WG-071221-NL-003	WG-071221-NL-004	WG-071421-NL-013
Sample Date:		07/12/2021	07/12/2021 Duplicate	07/12/2021	07/12/2021	07/14/2021
Parameters	Unit					
Volatile Organic Compounds						
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	0.23 J	0.19 J	24.6	4.6	1.7
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	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
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
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl cyclohexane	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
Styrene	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	7.3
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	0.52 J	0.12 J	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	0.74 J
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	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	11.3	0.85 J	1.0 U
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

Table 2

**Analytical Results Summary
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2021**

Location ID:		MW-1A	MW-1A	MW-1B	MW-1C	MW-110A
Sample Name:		WG-071221-NL-001	WG-071221-NL-002	WG-071221-NL-003	WG-071221-NL-004	WG-071421-NL-013
Sample Date:		07/12/2021	07/12/2021	07/12/2021	07/12/2021	07/14/2021
			Duplicate			
Parameters	Unit					
Semivolatile Organic Compounds, SIM						
Naphthalene	µg/L	--	--	--	--	--
Total Petroleum Hydrocarbons (TPH)						
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
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2021

Location ID:		MW-124A	MW-124B	MW-146B	MW-146C	MW-200
Sample Name:		WG-071421-SM-014	WG-071421-SM-013	WG-071321-NL-005	WG-071321-NL-006	WG-071421-NL-010
Sample Date:		07/14/2021	07/14/2021	07/13/2021	07/13/2021	07/14/2021
Parameters	Unit					
Volatile Organic Compounds						
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	0.23 J	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
1,2,4-Trichlorobenzene	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-Dichloropropane	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
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
2-Hexanone	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 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	2.6 J	10.0 U	10.0 U	10.0 U
Benzene	µg/L	1.0 U	1.0 U	0.49 J	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	0.22 J	1.0 U	1.0 U	1.0 U

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2021

Location ID:	MW-124A	MW-124B	MW-146B	MW-146C	MW-200
Sample Name:	WG-071421-SM-014	WG-071421-SM-013	WG-071321-NL-005	WG-071321-NL-006	WG-071421-NL-010
Sample Date:	07/14/2021	07/14/2021	07/13/2021	07/13/2021	07/14/2021

Parameters	Unit					
Volatile Organic Compounds						
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	0.47 J	0.44 J	129	6.7	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	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
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
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl cyclohexane	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
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	4.3	0.40 J	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
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
Trifluorotrichloroethane (CFC-113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	0.63 J	2.6	20.4	0.25 J	1.0 U
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

Table 2

**Analytical Results Summary
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2021**

Location ID:	MW-124A	MW-124B	MW-146B	MW-146C	MW-200
Sample Name:	WG-071421-SM-014	WG-071421-SM-013	WG-071321-NL-005	WG-071321-NL-006	WG-071421-NL-010
Sample Date:	07/14/2021	07/14/2021	07/13/2021	07/13/2021	07/14/2021

Parameters	Unit					
Semivolatile Organic Compounds, SIM						
Naphthalene	µg/L	--	--	--	--	--
Total Petroleum Hydrocarbons (TPH)						
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
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2021

Location ID:		MW-201	MW-202	MW-203	MW-204A	MW-204B
Sample Name:		WG-071421-SM-015	WG-071421-NL-011	WG-071421-NL-012	WG-071321-NL-008	WG-071321-NL-009
Sample Date:		07/14/2021	07/14/2021	07/14/2021	07/13/2021	07/13/2021
Parameters	Unit					
Volatile Organic Compounds						
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
1,2,4-Trichlorobenzene	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-Dichloropropane	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
1,4-Dichlorobenzene	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	2.5 J	10.0 U	10.0 U
2-Hexanone	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 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
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

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2021

Location ID:		MW-201	MW-202	MW-203	MW-204A	MW-204B
Sample Name:		WG-071421-SM-015	WG-071421-NL-011	WG-071421-NL-012	WG-071321-NL-008	WG-071321-NL-009
Sample Date:		07/14/2021	07/14/2021	07/14/2021	07/13/2021	07/13/2021
Parameters	Unit					
Volatile Organic Compounds						
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	1.0 U	1.0 U	0.27 J	2.4	7.7
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	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
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
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl cyclohexane	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
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	0.14 J	0.83 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	1.0 U	1.0 U	1.0 U	12.5	1.7
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	µg/L	1.0 U	1.0 U	1.0 U	9.7	0.97 J
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.8
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

Table 2

**Analytical Results Summary
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2021**

Location ID:		MW-201	MW-202	MW-203	MW-204A	MW-204B
Sample Name:		WG-071421-SM-015	WG-071421-NL-011	WG-071421-NL-012	WG-071321-NL-008	WG-071321-NL-009
Sample Date:		07/14/2021	07/14/2021	07/14/2021	07/13/2021	07/13/2021
Parameters	Unit					
Semivolatile Organic Compounds, SIM						
Naphthalene	µg/L	--	--	--	--	--
Total Petroleum Hydrocarbons (TPH)						
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
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2021

Location ID:	MW-205A	MW-205B	MW-206A	MW-206B	MW-206C
Sample Name:	WG-071221-SM-004	WG-071221-SM-005	WG-071321-SM-010	WG-071321-SM-011	WG-071321-SM-012
Sample Date:	07/12/2021	07/12/2021	07/13/2021	07/13/2021	07/13/2021

Parameters	Unit					
Volatile Organic Compounds						
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
1,2,4-Trichlorobenzene	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-Dichloropropane	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
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
2-Hexanone	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 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
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

Table 2

**Analytical Results Summary
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2021**

Location ID:	MW-205A	MW-205B	MW-206A	MW-206B	MW-206C
Sample Name:	WG-071221-SM-004	WG-071221-SM-005	WG-071321-SM-010	WG-071321-SM-011	WG-071321-SM-012
Sample Date:	07/12/2021	07/12/2021	07/13/2021	07/13/2021	07/13/2021

Parameters	Unit					
Volatile Organic Compounds						
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	0.45 J	5.8	0.69 J	1.6	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	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
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
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl cyclohexane	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
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	0.38 J	1.0 U	0.15 J	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	0.22 J	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
Trifluorotrchloroethane (CFC-113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	0.39 J	1.0 U	1.7	1.0 U
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

Table 2

**Analytical Results Summary
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2021**

Location ID:	MW-205A	MW-205B	MW-206A	MW-206B	MW-206C
Sample Name:	WG-071221-SM-004	WG-071221-SM-005	WG-071321-SM-010	WG-071321-SM-011	WG-071321-SM-012
Sample Date:	07/12/2021	07/12/2021	07/13/2021	07/13/2021	07/13/2021

Parameters	Unit					
Semivolatile Organic Compounds, SIM						
Naphthalene	µg/L	--	--	--	--	--
Total Petroleum Hydrocarbons (TPH)						
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
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2021

Location ID:		MW-207A	MW-207A	MW-207B	MW-207C
Sample Name:		WG-071321-SM-006	WG-071321-SM-007	WG-071321-SM-009	WG-071321-SM-008
Sample Date:		07/13/2021	07/13/2021 Duplicate	07/13/2021	07/13/2021
Parameters	Unit				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	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
1,1,2-Trichloroethane	µg/L	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
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	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
1,2-Dibromoethane (Ethylene dibromide)	µg/L	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
1,2-Dichloroethane	µg/L	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
1,3-Dichlorobenzene	µg/L	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
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10.0 U	10.0 U	10.0 U	10.0 U
2-Hexanone	µg/L	10.0 U	10.0 U	10.0 U	10.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10.0 U	10.0 U	10.0 U	10.0 U
Acetone	µg/L	10.0 U	10.0 U	10.0 U	10.0 U
Benzene	µg/L	1.0 U	1.0 U	0.15 J	1.0 U
Bromodichloromethane	µg/L	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
Bromomethane (Methyl bromide)	µg/L	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
Carbon tetrachloride	µg/L	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

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2021

Location ID:		MW-207A	MW-207A	MW-207B	MW-207C
Sample Name:		WG-071321-SM-006	WG-071321-SM-007	WG-071321-SM-009	WG-071321-SM-008
Sample Date:		07/13/2021	07/13/2021 Duplicate	07/13/2021	07/13/2021
Parameters	Unit				
Volatile Organic Compounds					
Chloroethane	µg/L	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
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.4	1.3	25.4	7.6
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	0.31 J	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	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
Methyl acetate	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl cyclohexane	µg/L	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
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.5	1.6	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.6	0.49 J
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	0.34 J	0.32 J	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	8.0	1.4
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U

Table 2

**Analytical Results Summary
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2021**

Location ID:		MW-207A	MW-207A	MW-207B	MW-207C
Sample Name:		WG-071321-SM-006	WG-071321-SM-007	WG-071321-SM-009	WG-071321-SM-008
Sample Date:		07/13/2021	07/13/2021	07/13/2021	07/13/2021
			Duplicate		
Parameters	Unit				
Semivolatile Organic Compounds, SIM					
Naphthalene	µg/L	0.50 U	0.50 U	--	--
Total Petroleum Hydrocarbons (TPH)					
High-Range Hydrocarbons (HRH) (C19-C35)	mg/L	0.20 U	0.20 U	--	--
Low-Range Hydrocarbons (LRH) (C5-C8)	mg/L	0.050 U	0.050 U	--	--
Mid-Range Hydrocarbons (MRH) (C9-C18)	mg/L	0.059 U	0.060 U	--	--

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2021

Location ID:	MW-208A	MW-208B	MW-208C	TMW-146	Trip Blank
Sample Name:	WG-071221-SM-001	WG-071221-SM-002	WG-071221-SM-003	WG-071321-NL-007	Trip Blank
Sample Date:	07/12/2021	07/12/2021	07/12/2021	07/13/2021	07/12/2021

Parameters	Unit					
Volatile Organic Compounds						
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
1,2,4-Trichlorobenzene	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-Dichloropropane	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
1,4-Dichlorobenzene	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	1.3 J	10.0 U
2-Hexanone	µg/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 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
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

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2021

Location ID:	MW-208A	MW-208B	MW-208C	TMW-146	Trip Blank
Sample Name:	WG-071221-SM-001	WG-071221-SM-002	WG-071221-SM-003	WG-071321-NL-007	Trip Blank
Sample Date:	07/12/2021	07/12/2021	07/12/2021	07/13/2021	07/12/2021

Parameters	Unit					
Volatile Organic Compounds						
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	1.0 U	1.0 U	2.0	0.21 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
Cyclohexane	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
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
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl cyclohexane	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	0.43 J	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
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrchloroethane (CFC-113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	0.31 J	1.0 U
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2021

Location ID:	MW-208A	MW-208B	MW-208C	TMW-146	Trip Blank
Sample Name:	WG-071221-SM-001	WG-071221-SM-002	WG-071221-SM-003	WG-071321-NL-007	Trip Blank
Sample Date:	07/12/2021	07/12/2021	07/12/2021	07/13/2021	07/12/2021

Parameters	Unit					
Semivolatile Organic Compounds, SIM						
Naphthalene	µg/L	--	--	--	0.50 U	--
Total Petroleum Hydrocarbons (TPH)						
High-Range Hydrocarbons (HRH) (C19-C35)	mg/L	--	--	--	0.20 U	--
Low-Range Hydrocarbons (LRH) (C5-C8)	mg/L	--	--	--	0.050 UJ	--
Mid-Range Hydrocarbons (MRH) (C9-C18)	mg/L	--	--	--	0.072	--

Notes:

J - Estimated concentration

U - Not detected at the associated reporting limit

-- - Not applicable

SIM - Selected Ion Monitoring

UJ - Not detected; associated reporting limit is estimated

Table 3

Analytical Methods
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2021

Parameter	Method	Matrix	Holding Time	
			Collection to Extraction (Days)	Collection or Extraction to Analysis (Days)
Volatile Organic Compounds (VOCs)	SW-846 8260B ¹	Water	-	14
TPH-LRH	M8015/8021LKS ²	Water	-	14
TPH-MRH/HRH	M8015MHKS ³	Water	14	40
Naphthalene	SW-846 8270C-SIM ¹	Water	7	40

Notes:

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

Table 4

Qualified Sample Results Due to Outlying MS/MSD Results
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2021

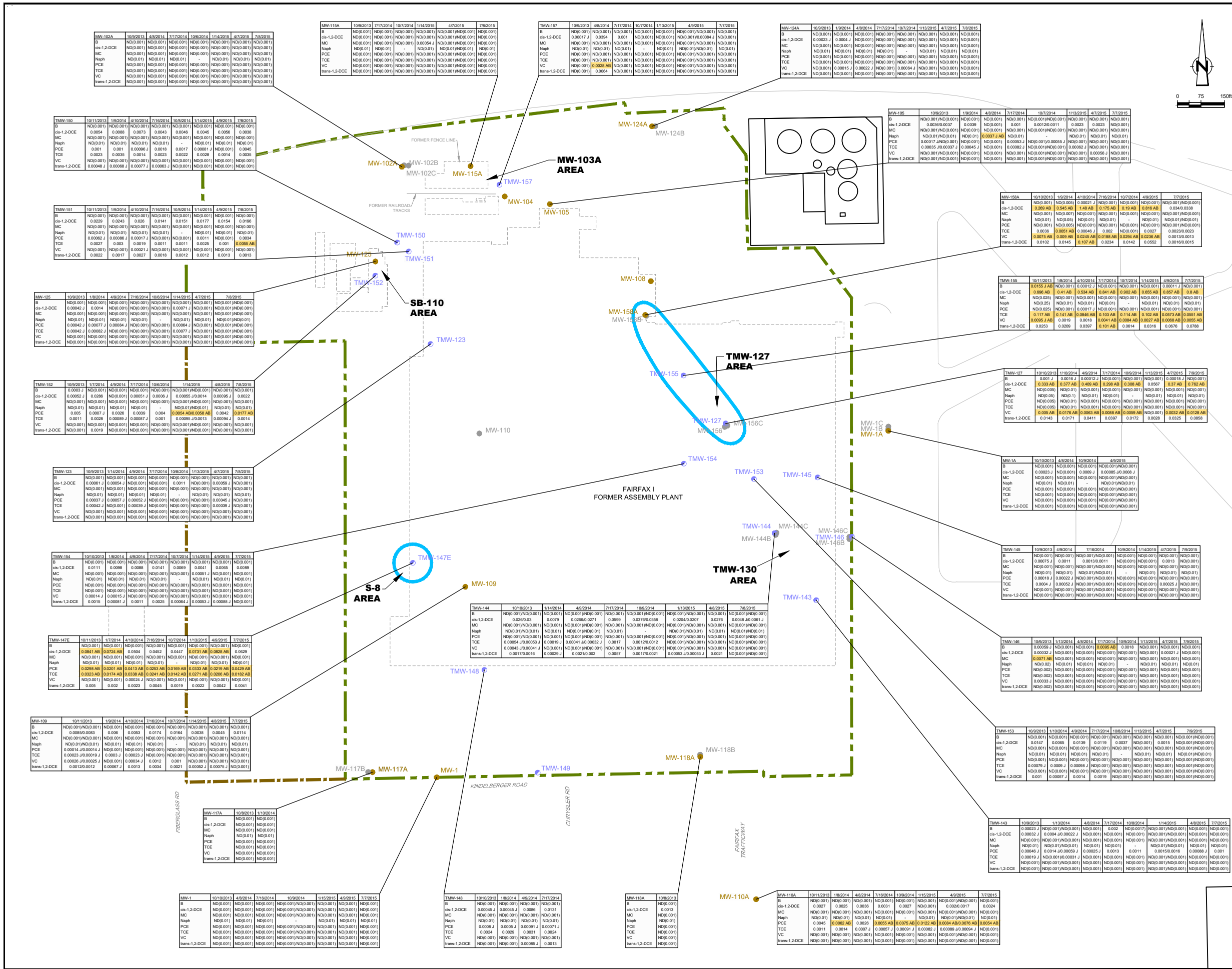
Parameter	Sample ID	Analyte	MS	MSD	RPD	Control Limits		Qualified Result	Units
			% Recovery	% Recovery	(percent)	% Recovery	RPD		
TPH-LRH	WG-071321-NL-007	LRH (C5-C8)	65	58	11	70-130	25	0.050 UJ	mg/L

Notes:

MS - Matrix Spike
MSD - Matrix Spike Duplicate
RPD - Relative Percent Difference
UJ - Not detected; associated reporting limit is estimated
TPH - Total Petroleum Hydrocarbons
LRH - Low Range Hydrocarbons

Appendix D

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



Revision

Date

Initial

LEGEND

FORMER FAIRFAX I PROPERTY BOUNDARY

TRACT 2 PARCEL BOUNDARY

ASSUMED AREA OF IMPACTED SHALLOW GROUNDWATER ABOVE KDHE TIER 2 RISK-BASED CRITERIA

FORMER BUILDING STRUCTURE

FORMER RAILROAD TRACKS

MW-102A

TMW-130

MONITORING WELL LOCATION AND IDENTIFIER

TEMPORARY MONITORING WELL LOCATION AND IDENTIFIER

SAMPLE IDENTIFICATION

DATE

CONCENTRATION (mg/L)

PARAMETER

ESTIMATED VALUE

DUPLICATE RESULT

CONCENTRATION GREATER THAN SCREENING CRITERIA

KDHE TIER 2 RISK-BASED CRITERIA (mg/L)

PARAMETER

ABBREVIATION

NON-RESIDENTIAL GROUNDWATER PATHWAY (A)

RESIDENTIAL GROUNDWATER PATHWAY (B)

NOTE:

1. PARAMETERS SHOWN HAD AT LEAST ONE CONCENTRATION RESULT GREATER THAN SCREENING CRITERIA.

2. TPH-DRO WAS DETECTED AT CONCENTRATIONS GREATER THAN THE TIER 2 STANDARDS IN GROUNDWATER SAMPLES COLLECTED FROM MW-115A IN APRIL 2015, REPORTED AS MOTOR OIL. FROM MW-157 IN APRIL 2015, FROM TMW-144 IN APRIL 2014, AND FROM MW-148 IN APRIL 2014, APRIL 2015 AND JULY 2015. HOWEVER, THE CONCENTRATIONS ARE NOT SHOWN ON THIS FIGURE.

SOURCES:

1. ENVIRONMENTAL ASSESSMENT SITE INVESTIGATION REPORT, FAIRFAX I PLANT, CHEVROLET/PORTACANADA GROUP, GENERAL MOTORS CORPORATION, KANSAS CITY, KANSAS (HDI ENGINEERING INC., FEBRUARY 1998) (HDI SOIL BORING LOCATIONS)

2. GHD SAMPLE LOCATION AND MONITORING WELL COORDINATES PROVIDED BY ANDERSON SURVEY COMPANY (APPROXIMATE).

SCALE VERIFICATION

THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

Approved

DRAWING STATUS

Status

Date

Initial

FORMER FAIRFAX SITE

KANSAS CITY, KANSAS

GROUNDWATER MONITORING PROGRAM

ANALYTICAL RESULTS FOR SELECTED PARAMETERS

SHALLOW MONITORING WELLS

GHD

Source Reference:

Project Manager:

Reviewed By:

Date:

T. KOGL

J. HAYWARD

APRIL 2020

Scale:

Project N°:

Report N°:

Drawing N°:

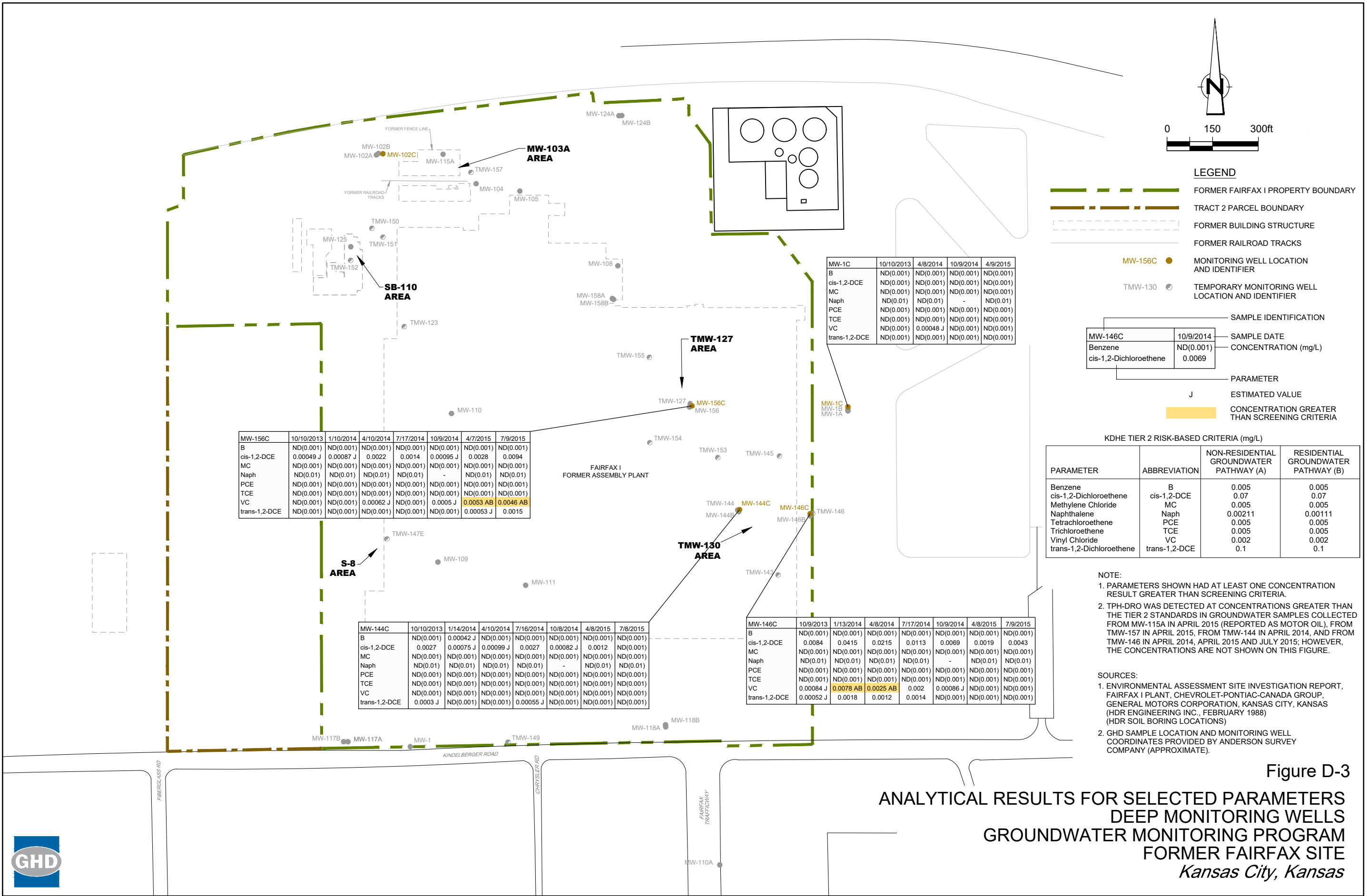
AS SHOWN

12559A-T05

MEMO014

Figure D-1

12559-T05(MEMO014)GN-DL002 APR 29/2020





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