



Long-Term Groundwater Monitoring Report

Former Fairfax I Site
230 Kindelberger Road
Kansas City, Kansas

Revitalizing Auto Communities
Environmental Responses
(RACER) Trust

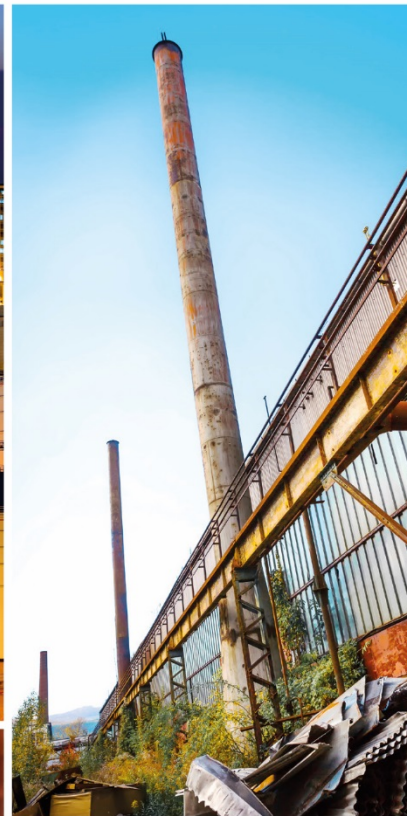
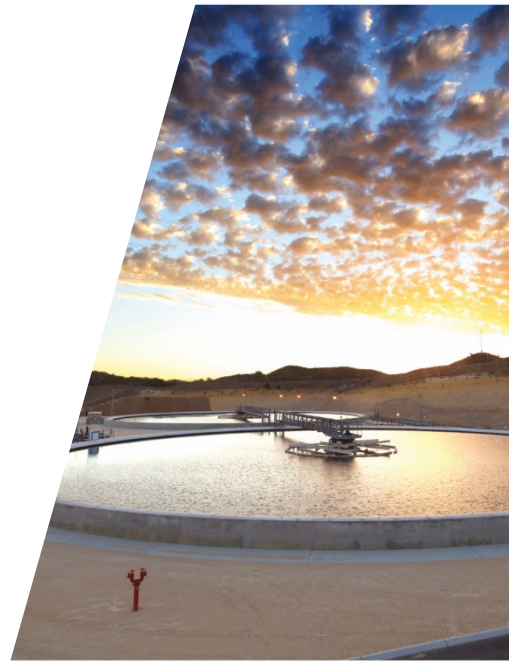




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1. Introduction

GHD Services Inc. (GHD) has prepared this *Long-Term 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.

The purpose of this Report is to describe the long-term groundwater monitoring activities as related to the requirements identified in the Agency Decision Statement (ADS) for the Site issued in January 2018 (KDHE, 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 Kindelberger Road, Kansas 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. As part of the redevelopment, the Site address was changed from 100 Kindelberger Road to 230 Kindelberger 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 continuing to assemble 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 an "NFA" 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 (RACER) was created through the bankruptcy settlement to conduct, manage, and fund cleanup activities at 89 former GMC properties, including the Fairfax I Site. RACER and KDHE Bureau of Environmental Remediation (BER) entered into Consent Agreement and Final Order No. 11-E-109 BER dated November 21, 2011. The Order identified five 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 the TMW-127 Area. 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 mass appear 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. To facilitate construction and redevelopment of the property, Northpoint, plugged and abandoned all but eleven monitoring wells in the monitoring well network 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 monitoring 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 (See 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 9 to July 14, 2020. The monitoring network includes 26 monitoring wells. Well construction details are provided in Table 1.

Groundwater within 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 monuments, well casings, and well caps for each monitoring well in the network for signs of damage. No evidence of damage to monitoring wells, missing locks or other maintenance issues were identified.

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. Measuring devices were decontaminated with a solution of Alconox™ and distilled water and rinsed with distilled water prior to use in each monitoring well. The recorded measurements are summarized in Table 2.

3.3 Monitoring Well Sampling Activities

Prior to sampling, each well was purged using low flow purging (LFP) methods. A pre-cleaned stainless steel submersible pump was positioned in each well so that the pump intake was set at the mid-point of the well screen.

During LFP, the pumping rate was maintained between 100 and 500 milliliters per minute (mL/min). During purging, the groundwater level was measured and the flow rate adjusted to maintain a maximum 0.4 foot (0.1 m) of drawdown. Field parameters of the purged water, including pH, temperature, specific conductance, oxidation reduction potential (ORP), dissolved oxygen (DO) and turbidity, were monitored with a calibrated YSI water quality meter. The field measurements were recorded at approximate 5-minute intervals.

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

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 milliSiemen per centimeter (mS/cm) of the average value of the three readings for conductivity <1 mS/cm or ±0.01 mS/cm of the average value of the three readings for conductivity >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 Laboratories (Pace) located in Lenexa, Kansas. Field notes are provided in Appendix A.



3.4 Quality Control Samples

GHD collected two blind-labeled duplicate samples for laboratory analysis. The duplicate samples were collected from MW-1A and TMW-146. In addition, one trip blank per cooler of samples was stored, transported and analyzed with the groundwater monitoring samples.

3.5 Laboratory Analytical Methods

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

- VOCs by SW-846 Method 8260B – All samples.
- Total Petroleum Hydrocarbons (TPH) - Low-Range Hydrocarbons (LRH) by Kansas Method KS LRH – TMW-146 and MW-207A.
- TPH - Mid-Range Hydrocarbons (MRH)/High-Range Hydrocarbons (HRH) by Kansas Method KS MRH/HRH – TMW-146 and MW-207A.
- Naphthalene by SW 846 Method 8270-SIM – TMW-146 and MW-207A.

4. Groundwater Monitoring Results

4.1 Groundwater Elevation Results

On July 9, 2020, depth to groundwater in monitoring wells screened in the shallow aquifer ranged from 15.15 ft below top of casing (btoc) (MW-203) to 20.59 ft btoc (MW-124A). Groundwater elevations ranged from 726.63 ft above mean sea level (amsl) (MW-124A) to 729.41 ft amsl (MW-205A). Based on the groundwater elevations, the groundwater in the shallow aquifer flows from the southwest towards 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 15.10 ft btoc (MW-208B) to 20.83 ft btoc (MW-124B) ft btoc. Groundwater elevations ranged from 726.32 ft amsl (MW-124B) to 729.38 ft amsl (MW-204B). Based on the groundwater elevations, the groundwater in the intermediate aquifer flows to the north 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 15.09 ft btoc (MW-208C) to 18.06 ft btoc (MW-1C). Groundwater elevations ranged from 727.92 ft btoc (MW-146C) to 728.99 ft btoc (MW-207C). 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 the all 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 0.0113 mg/L. PCE was detected at a concentration below the Tier 2 RSK standard in sample 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 0.0085 mg/L. TCE was detected at concentrations below the Tier 2 RSK standard in samples collected from MW-110A, MW-204B, and MW-207A.

cis-1,2-DCE was detected above the Tier 2 RSK standard of 0.07 mg/L in the samples collected from MW-146B at a concentration of 0.106 mg/L. cis-1,2-DCE was detected at concentrations below the Tier 2 RSK standard in samples collected from MW-1B, MW-1C, MW-124A, MW-124B, MW-146C, MW-204A, MW-204B, MW-205B, 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 (0.0071 mg/L), MW-146B (0.0285 mg/L), MW-206B (0.0031 mg/L), and MW-207B (0.0115 mg/L). VC was detected at concentrations below the Tier 2 RSK standard in samples collected from MW-1C, MW-124A, MW-124B, MW-146C, MW-204B, MW-205B, MW-207C, and MW-208C.

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

- acetone
- benzene
- bromoform
- chlorobenzene
- chloroform (trichloromethane)
- 1,1-dichloroethane (1,1-DCA)
- 1,2-dichloroethane (1,2-DCA)
- methyl ethyl ketone (MEK)
- methyl isobutyl ketone (MIBK)
- cyclohexane
- methyl tert butyl ether (MTBE)
- toluene
- trans-1,2-dichloroethene (trans-1,2-DCE)
- trifluorotrichloroethane (CFC-113)
- mid-range hydrocarbons (MRH)

All other COCs 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).

Low-levels of target analytes were detected in some method blanks. These detections included 1,2,4-trichlorobenzene, TPH MRH, and naphthalene. As a result COCs in MW-207A, MW-200, MW-201, MW-207B, and TMW-146 and its duplicate were qualified to concentrations below the reporting limit.

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, historical data collected from the shallow aquifer, intermediate aquifer and deep aquifer during a quarterly groundwater monitoring program from 2013-2015 is summarized 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 in July 2020 from the shallow aquifer. The results indicate that TCE and PCE are the only COCs that exceeded their respective Tier 2 RSK standards in the shallow aquifer on-site. PCE was detected above the Tier 2 RSK standard of 0.005 mg/L off-site in samples from only MW-110A (0.0113 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-207B at a concentration below the Tier 2 RSK standard. TCE was detected above the Tier 2 RSK standard of 0.005 mg/L in the samples from MW-204A (0.0085 mg/L). MW-204A is on-site and down-gradient (seasonally) from the S-8 Area. This concentration is consistent with TCE historically reported in groundwater samples collected from the S-8 Area (see historical data from plugged well 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 above the clean-up standard to the southeast.

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



Figure 7 summarizes the COCs detected in groundwater samples from the intermediate aquifer. The analytical results indicate VC and cis-1,2 DCE are the only COCs that exceeded Tier 2 RSK standard in the intermediate aquifer. The VC was reported in samples collected from monitoring wells historically associated with the TMW-127 Area. The concentrations of VC in groundwater exceeding the Tier 2 RSK standard are similar to the pre-redevelopment concentrations; although, the detection of 0.0071 mg/L in the sample from MW-1B is higher than the Tier 2 RSK standard for the past two events and have historically been reported at concentrations below the standard. The concentrations of VC in groundwater samples collected from MW-206B are consistent with pre-redevelopment levels. Concentrations of cis-1,2 DCE in the samples collected from MW-146B were above the Tier 2 criteria for the first time since the well's installation in 2013. COCs were not detected in the groundwater samples collected from MW-208B indicating the extent of COCs in the intermediate aquifer down-gradient of the TMW-127 Area is delineated within the Site boundaries.

Figure 8 summarized COCs detected in groundwater samples collected from the deep aquifer. The laboratory results indicate that no COCs were above the Tier 2 RSK standard. It should be noted, however, that MTBE, cis-1,2 DCE, and VC 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.

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 the cis-1,2 DCE concentration reported in the sample collected from MW-146B. The extent of COCs have been delineated down-gradient (seasonally) and within Site boundaries from the TMW-127 Area in the shallow and intermediate aquifers as demonstrated by no detections in samples from MW-208A and MW-208B, however concentrations below the KDHE Tier 2 RSK cleanup standards for MTBE, cis-1,2-DCE, and VC were reported in the deep aquifer sample from off-site well MW-208C. GHD recommends the continued implementation of the Long Term Groundwater Monitoring Plan. The next long-term groundwater monitoring event is anticipated in January 2021.



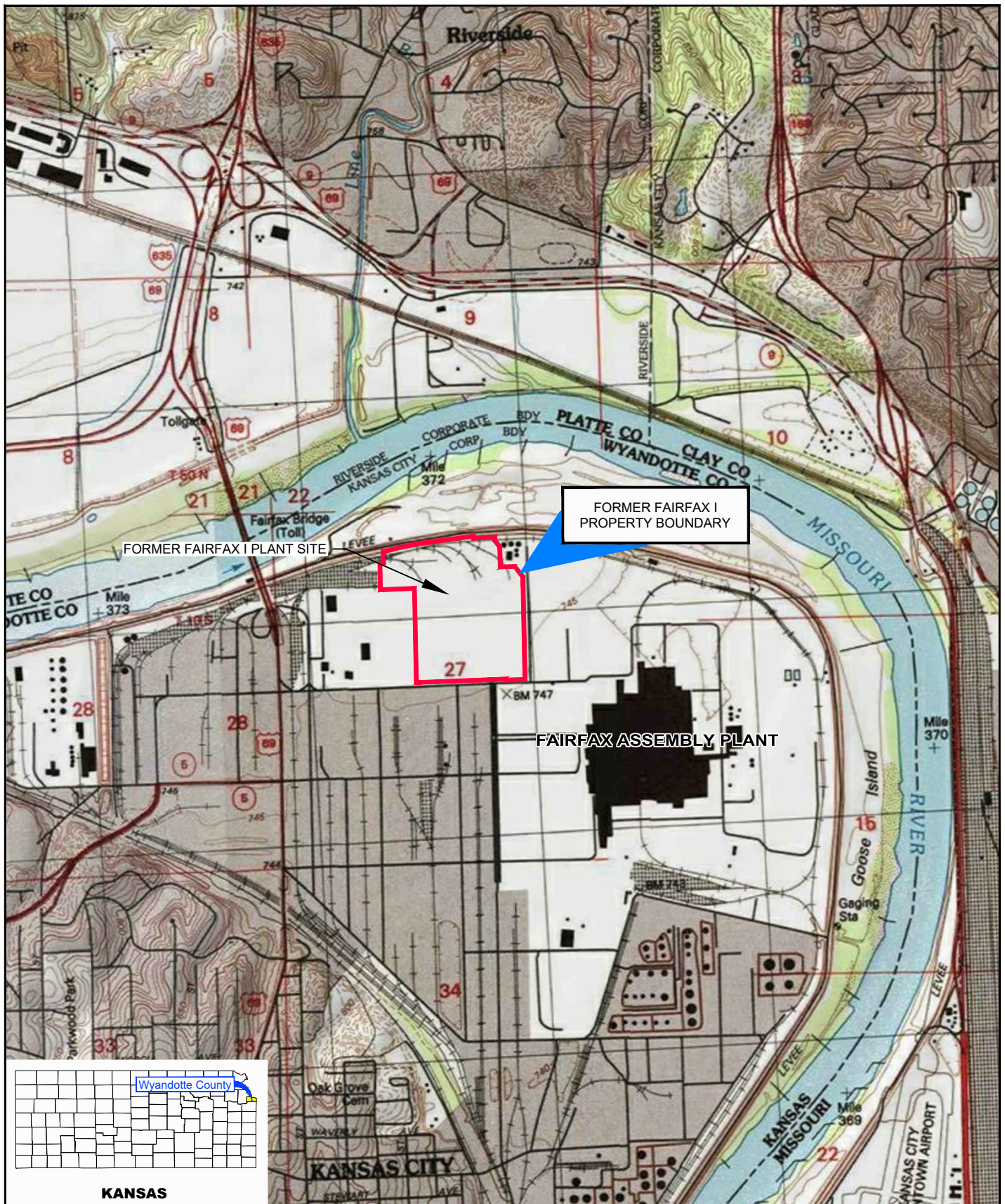
All of Which is Respectfully Submitted,

GHD

A handwritten signature in blue ink, reading "Travis Kogl". The signature is written in a cursive style with a large, stylized "K" and "Q".

Travis Kogl, P.G.

Figures

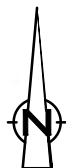


Source: USGS 7.5 Minute Quad "North Kansas City and Parkville, Kansas"

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0 1000 2000ft

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



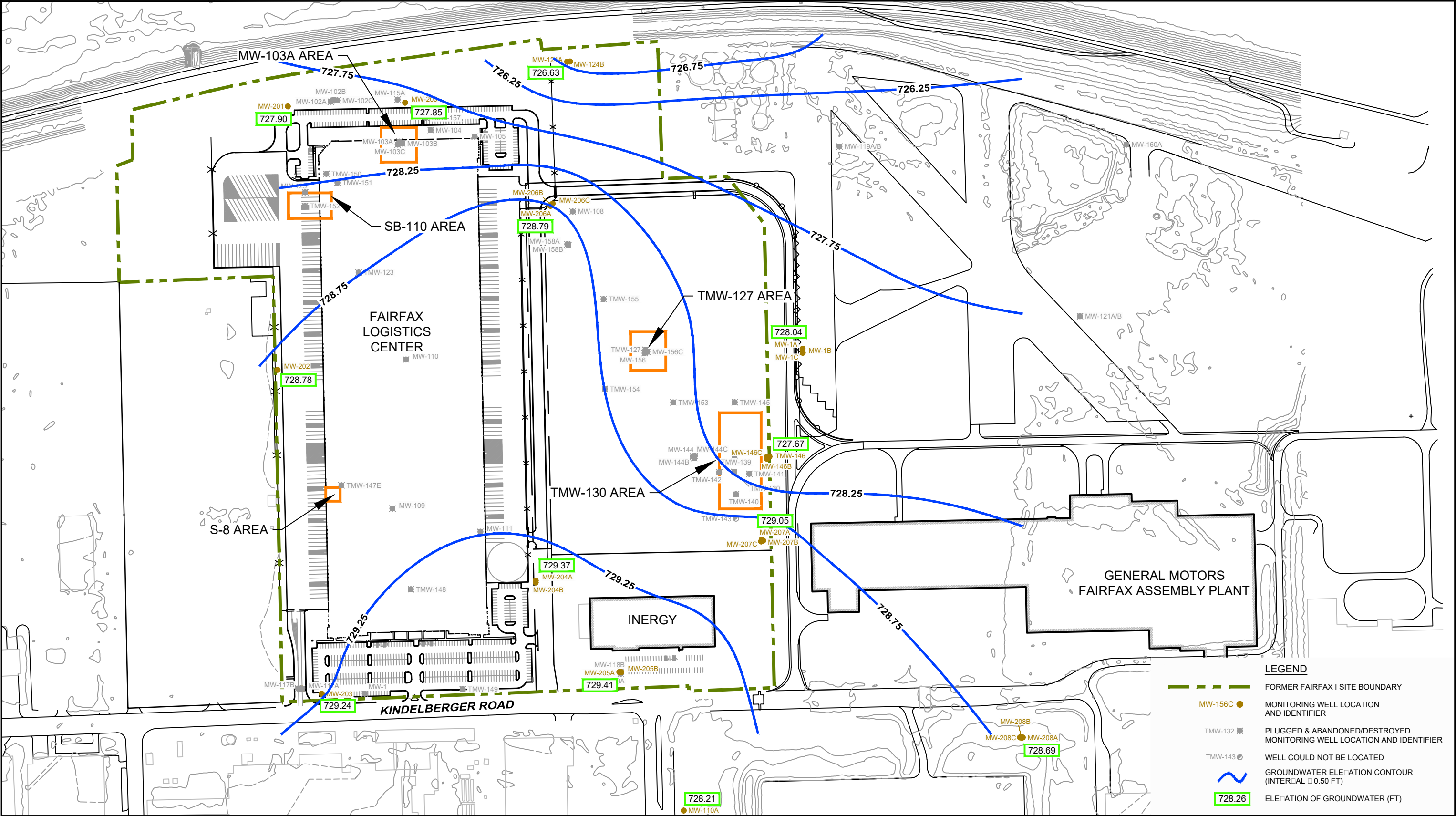
LONG-TERM GROUNDWATER
MONITORING REPORT
FORMER FAIRFAX I SITE
KANSAS CITY, KANSAS

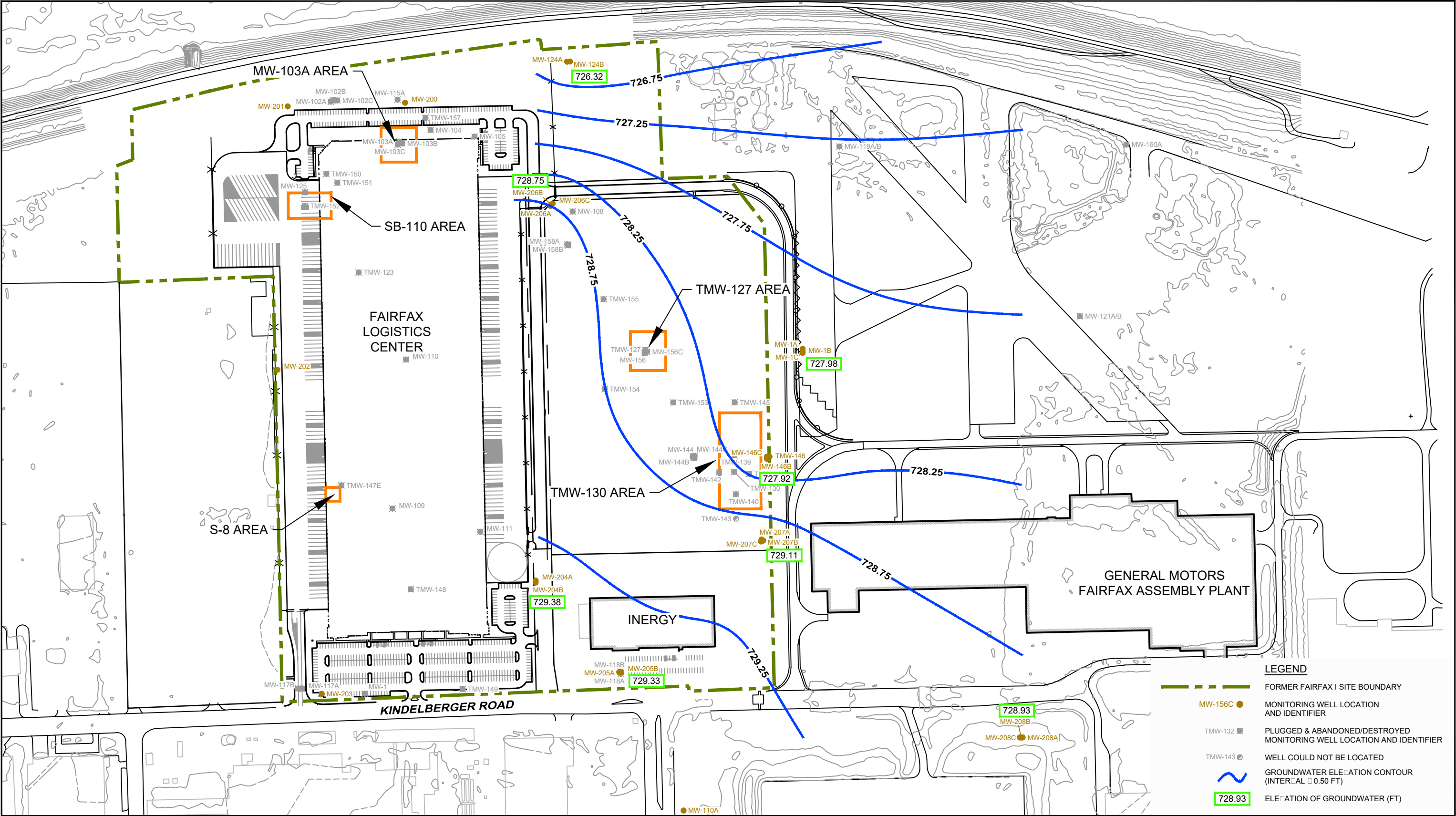
SITE LOCATION MAP

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FIGURE 1

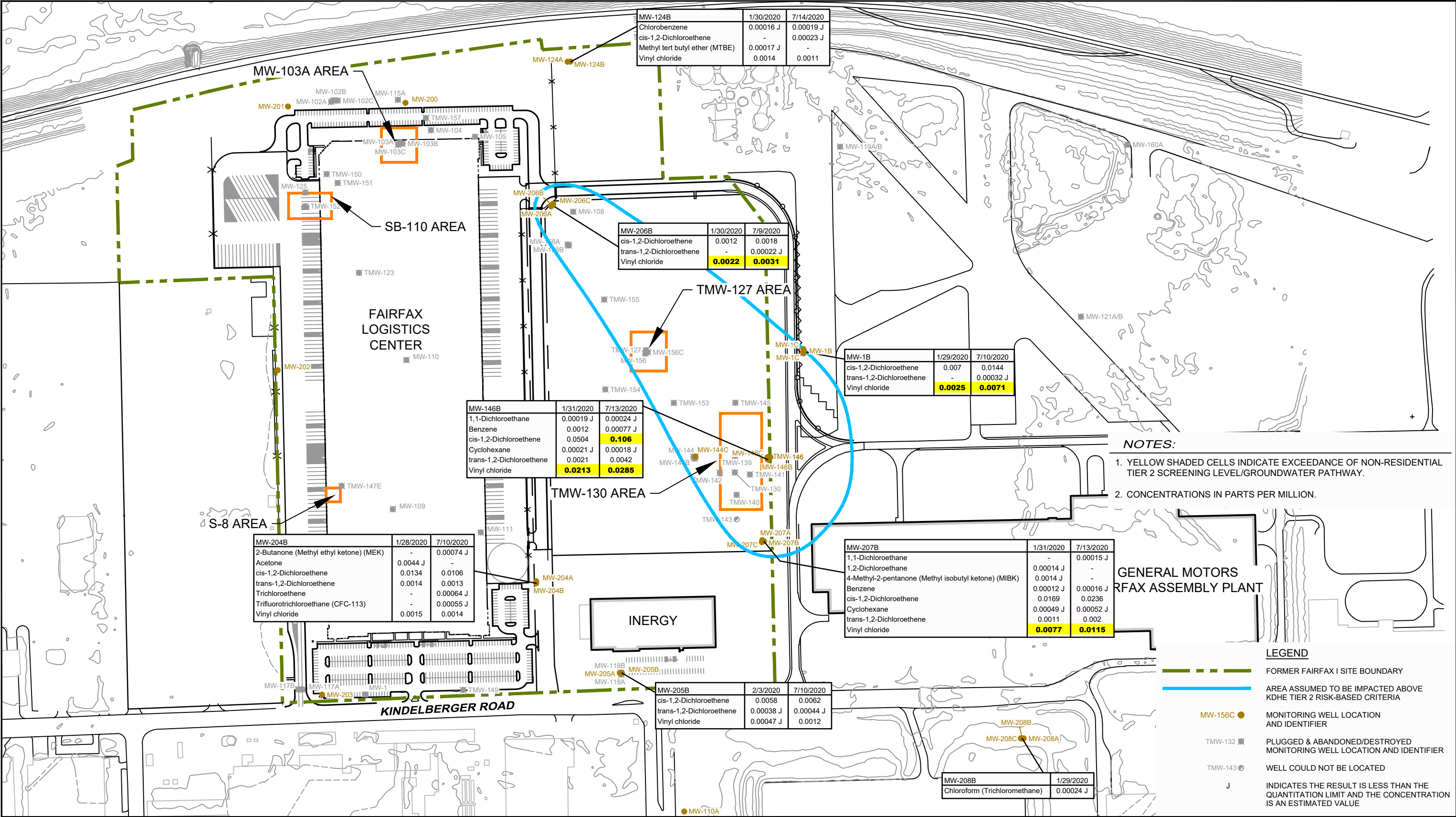




NOTES:

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





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	1/21/2020	PVC	50.0	60.0
MW-208C	TMW-127, off-site	Deep	Flush Mount	1/21/2020	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	01/28/20	743.89	16.29	36.50	727.60
MW-110A	Shallow	7/9/2020	743.89	15.68	36.50	728.21
MW-124A	Shallow	01/28/20	747.22	21.83	37.08	725.39
MW-124A	Shallow	7/9/2020	747.22	20.59	37.08	726.63
MW-124B	Intermediate	01/28/20	747.15	21.75	61.74	725.40
MW-124B	Intermediate	7/9/2020	747.15	20.83	61.74	726.32
TMW-146	Shallow	01/28/20	744.93	18.17	31.24	726.76
TMW-146	Shallow	7/9/2020	744.93	17.26	31.24	727.67
MW-146B	Intermediate	01/28/20	745.44	18.45	62.31	726.99
MW-146B	Intermediate	7/9/2020	745.44	17.52	62.31	727.92
MW-146C	Deep	01/28/20	745.73	18.79	94.01	726.94
MW-146C	Deep	7/9/2020	745.73	17.81	94.01	727.92
MW-1A	Shallow	01/28/20	745.93	19.22	37.29	726.71
MW-1A	Shallow	7/9/2020	745.93	17.89	37.29	728.04
MW-1B	Intermediate	01/28/20	745.40	18.65	86.93	726.75
MW-1B	Intermediate	7/9/2020	745.40	17.42	86.93	727.98
MW-1C	Deep	01/28/20	746.13	19.29	107.27	726.84
MW-1C	Deep	7/9/2020	746.13	18.06	107.27	728.07
MW-200	Shallow	01/28/20	744.52	17.48	26.97	727.04
MW-200	Shallow	7/9/2020	744.52	16.67	26.97	727.85
MW-201	Shallow	01/28/20	746.62	19.96	27.27	726.66
MW-201	Shallow	7/9/2020	746.62	18.72	27.27	727.90
MW-202	Shallow	01/28/20	743.96	16.07	27.21	727.89
MW-202	Shallow	7/9/2020	743.96	15.18	27.21	728.78
MW-203	Shallow	01/28/20	744.39	15.80	26.90	728.59
MW-203	Shallow	7/9/2020	744.39	15.15	26.90	729.24
MW-204A	Shallow	01/28/20	745.76	17.28	27.27	728.48
MW-204A	Shallow	7/9/2020	745.76	16.39	27.27	729.37
MW-204B	Intermediate	01/28/20	745.80	17.28	59.81	728.52
MW-204B	Intermediate	7/9/2020	745.80	16.42	59.81	729.38

Table 2
Groundwater Elevation Data
Former Fairfax I Site
Kansas City, Kansas

MW-205A	Shallow	01/28/20	744.84	16.38	26.98	728.46
MW-205A	Shallow	7/9/2020	744.84	15.43	26.98	729.41
MW-205B	Intermediate	01/28/20	744.94	16.55	59.73	728.39
MW-205B	Intermediate	7/9/2020	744.94	15.61	59.73	729.33
MW-206A	Shallow	01/28/20	744.85	17.66	26.87	727.19
MW-206A	Shallow	7/9/2020	744.85	16.06	26.87	728.79
MW-206B	Intermediate	01/28/20	744.83	19.16	59.73	725.67
MW-206B	Intermediate	7/9/2020	744.83	16.08	59.73	728.75
MW-206C	Deep	01/28/20	744.86	17.76	89.74	727.10
MW-206C	Deep	7/9/2020	744.86	15.99	89.74	728.87
MW-207A	Shallow	01/28/20	746.62	18.40	30.23	728.22
MW-207A	Shallow	7/9/2020	746.62	17.57	30.23	729.05
MW-207B	Intermediate	01/28/20	746.63	18.38	62.66	728.25
MW-207B	Intermediate	7/9/2020	746.63	17.52	62.66	729.11
MW-207C	Deep	01/28/20	746.57	18.37	92.44	728.20
MW-207C	Deep	7/9/2020	746.57	17.58	92.44	728.99
MW-208A	Shallow	01/28/20	744.16	15.90	26.66	728.26
MW-208A	Shallow	7/9/2020	744.16	15.47	26.66	728.69
MW-208B	Intermediate	01/28/20	744.03	15.80	59.39	728.23
MW-208B	Intermediate	7/9/2020	744.03	15.10	59.39	728.93
MW-208C	Deep	01/28/20	744.07	15.84	89.89	728.23
MW-208C	Deep	7/9/2020	744.07	15.09	89.89	728.98

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-1B		MW-1C	
Sample ID:			WG-012920-NL-005	WG-012920-NL-006	WG-071020-NL-009	WG-071020-NL-011	WG-012920-NL-007	WG-071020-NL-007	WG-012920-NL-008	WG-071020-NL-005
Sample Date:			1/29/2020	1/29/2020	7/10/2020	7/10/2020	1/29/2020	7/10/2020	1/29/2020	7/10/2020
			Duplicate							
Parameters	Units	Tier 2 Standard								
Petroleum Products										
High-Range Hydrocarbons (HRH)	mg/L	2.5	--	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	0.95	--	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	0.4	--	--	--	--	--	--	--	--
SVOCs - SIM										
Naphthalene	mg/L	0.00211	--	--	--	--	--	--	--	--
VOCs										
1,1,1-Trichloroethane	mg/L	0.2	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	0.00128	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	mg/L	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	mg/L	0.0461	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	0.007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	0.07	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.0002	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.00005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	mg/L	0.6	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	mg/L	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	mg/L	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	0.075	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	11.8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.0037 J	<0.01
2-Hexanone	mg/L	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	4.17	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	45.5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzene	mg/L	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	0.08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	0.08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane (Methyl bromide)	mg/L	0.0132	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon disulfide	mg/L	1.66	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/L	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	26.4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform (Trichloromethane)	mg/L	0.08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	0.238	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	0.07	<0.001	<0.001	<0.001	<0.001	0.007	0.0144	0.00026 J	0.0042
cis-1,3-Dichloropropene	mg/L	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	14.7	<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
Dichlorodifluoromethane (CFC-12)	mg/L	0.567	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	0.7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropyl benzene	mg/L	0.968	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	--	<0.02	<0.02	<0.001	<0.001	<0.02	<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
Methyl tert butyl ether (MTBE)	mg/L	0.262	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methylene chloride	mg/L	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/L	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	mg/L	1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	0.00032 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
Trichloroethene	mg/L	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	1.9	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	20.3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl chloride	mg/L	0.002	<0.001	<0.001	<0.001	<0.001	0.0025	0.0071	<0.001	0.0011
Xylenes (total)	mg/L	10	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:
J - Estimated concentration.
R - Rejected.

Table 3
Groundwater Ananalytical Results
Former Fairfax I Site
Kansas City, Kansas

Sample Location:		MW-110A		MW-124A		MW-124B		MW-146B	
Sample ID:		WG-020320-NL-028	WG-071420-SM-034	WG-013020-NL-014	WG-071420-SM-032	WG-013020-NL-015	WG-071420-SM-030	WG-013120-NL-018	WG-071320-SM-024
Sample Date:		2/3/2020	7/14/2020	1/30/2020	7/14/2020	1/30/2020	7/14/2020	1/31/2020	7/13/2020
Parameters									
Units									
Petroleum Products									
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--	--
SVOCs - SIM									
Naphthalene	mg/L	--	--	--	--	--	--	--	--
VOCs									
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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
1,1,2-Trichloroethane	mg/L	<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	0.00019 J	0.00024 J
1,1-Dichloroethene	mg/L	<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
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<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
1,2-Dichlorobenzene	mg/L	<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	0.00016 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
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<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
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	<0.01	<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	0.0012	0.00077 J
Bromodichloromethane	mg/L	<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
Bromomethane (Methyl bromide)	mg/L	<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
Carbon tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	0.00016 J	0.00019 J	<0.001	<0.001
Chloroethane	mg/L	<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
Chloromethane (Methyl chloride)	mg/L	<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	0.00043 J	0.00027 J	<0.001	0.00023 J	0.0504	0.106
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00021 J	0.00018 J
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<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
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.02	<0.001	<0.02	<0.001	<0.02	<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
Methyl tert butyl ether (MTBE)	mg/L	<0.001	<0.001	<0.001	<0.001	0.00017 J	<0.001	<0.001	<0.001
Methylene chloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	0.0107	0.0113	<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
trans-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0021	0.0042
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	0.0003 J	0.00023 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
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl chloride	mg/L	<0.001	<0.001	0.0002 J	0.00015 J	0.0014	0.0011	0.0213	0.0285
Xylenes (total)	mg/L	<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-146C		MW-200		MW-201	MW-201	MW-202	
Sample ID:		WG-013120-NL-017	WG-071320-SM-022	WG-020320-NL-026	WG-071320-NL-017	WG-012820-NL-004	WG-071320-NL-019	WG-020320-NL-027	WG-071320-NL-021
Sample Date:		1/31/2020	7/13/2020	2/3/2020	7/13/2020	1/28/2020	7/13/2020	2/3/2020	7/13/2020
Parameters									
Units									
Petroleum Products									
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	--	--	--	--
SVOCs - SIM									
Naphthalene	mg/L	--	--	--	--	--	--	--	--
VOCs									
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<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
1,1,2-Trichloroethane	mg/L	<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
1,1-Dichloroethene	mg/L	<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
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<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
1,2-Dichlorobenzene	mg/L	<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
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<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
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<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
Benzene	mg/L	<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
Bromoform	mg/L	<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
Carbon disulfide	mg/L	<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
Chlorobenzene	mg/L	<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
Chloroform (Trichloromethane)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0001 J	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	<0.001	0.0106	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<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
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.02	<0.001	<0.02	<0.001	<0.02	<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
Methyl tert butyl ether (MTBE)	mg/L	<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
Styrene	mg/L	<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
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0014	<0.001
trans-1,2-Dichloroethene	mg/L	<0.001	0.00085 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<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
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl chloride	mg/L	<0.001	0.00022 J	<0.001	<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

Footnotes:
J - Estimated concentration.
R - Rejected.

Table 3
Groundwater Ananalytical Results
Former Fairfax I Site
Kansas City, Kansas

Sample Location:		MW-203		MW-204A		MW-204B		MW-205A	
Sample ID:		WG-012820-NL-003	WG-071320-NL-015	WG-012820-NL-001	WG-070920-SM-002	WG-012820-NL-002	WG-071020-SM-012	WG-020320-NL-025	WG-070920-SM-004
Sample Date:		1/28/2020	7/13/2020	1/28/2020	7/9/2020	1/28/2020	7/10/2020	2/3/2020	7/9/2020
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
1,1,2,2-Tetrachloroethane	mg/L	<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
1,1-Dichloroethane	mg/L	<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
1,2,4-Trichlorobenzene	mg/L	<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
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<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
1,2-Dichloroethane	mg/L	<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
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<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
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acetone	mg/L	0.0034 J	<0.01	<0.01	<0.01	0.0044 J	<0.01	0.0037 J	<0.01
Benzene	mg/L	<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
Bromoform	mg/L	<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
Carbon disulfide	mg/L	<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
Chlorobenzene	mg/L	<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
Chloroform (Trichloromethane)	mg/L	0.00017 J	0.00028 J	<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
cis-1,2-Dichloroethene	mg/L	<0.001	<0.001	0.00038 J	0.00063 J	0.0134	0.0106	<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
Cyclohexane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<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
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.02	<0.001	<0.02	<0.001	<0.02	<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
Methyl tert butyl ether (MTBE)	mg/L	<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
Styrene	mg/L	<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	0.00033 J	<0.001
Toluene	mg/L	<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	0.0014	0.0013	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<0.001	0.0116	0.0085	<0.001	0.00064 J	<0.001	<0.001
Trichlorofluoromethane (CFC-11)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001	<0.001	0.0136	0.0094	<0.001	0.00055 J	<0.001	<0.001
Vinyl chloride	mg/L	<0.001	<0.001	<0.001	<0.001	0.0015	0.0014	<0.001	<0.001
Xylenes (total)	mg/L	<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-206A		MW-206B		MW-206C	
Sample ID:		WG-020320-NL-024	WG-071020-SM-014	WG-013020-NL-013	WG-070920-NL-001	WG-013020-NL-012	WG-070920-NL-003	WG-013020-NL-011	WG-071020-NL-013
Sample Date:		2/3/2020	7/10/2020	1/30/2020	7/9/2020	1/30/2020	7/9/2020	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
1,1,2,2-Tetrachloroethane	mg/L	<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
1,1-Dichloroethane	mg/L	<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
1,2,4-Trichlorobenzene	mg/L	<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
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<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
1,2-Dichloroethane	mg/L	<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
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<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
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<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
Benzene	mg/L	<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
Bromoform	mg/L	<0.001	<0.001	<0.001	0.00049 J	<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
Carbon disulfide	mg/L	<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
Chlorobenzene	mg/L	<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
Chloroform (Trichloromethane)	mg/L	<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
cis-1,2-Dichloroethene	mg/L	0.0058	0.0062	<0.001	<0.001	0.0012	0.0018	<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
Cyclohexane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<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
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.02	<0.001	<0.02	<0.001	<0.02	<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
Methyl tert butyl ether (MTBE)	mg/L	<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
Styrene	mg/L	<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
Toluene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	mg/L	0.00038 J	0.00044 J	<0.001	<0.001	<0.001	0.00022 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
Trichloroethene	mg/L	<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
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl chloride	mg/L	0.00047 J	0.0012	<0.001	<0.001	0.0022	0.0031	<0.001	<0.001
Xylenes (total)	mg/L	<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-207A		MW-207B	MW-207B	MW-207C		MW-208A	
Sample ID:		WG-013120-NL-023	WG-071320-SM-016	WG-013120-NL-022	WG-071320-SM-020	WG-013120-NL-021	WG-071320-SM-018	WG-012920-NL-009	WG-071020-SM-006
Sample Date:		1/31/2020	7/13/2020	1/31/2020	7/13/2020	1/31/2020	7/13/2020	1/29/2020	7/10/2020
Parameters									
Units									
Petroleum Products									
High-Range Hydrocarbons (HRH)	mg/L	<0.20 J	<0.20	--	--	--	--	--	--
Low-Range Hydrocarbons (LRH)	mg/L	<0.050	<0.050	--	--	--	--	--	--
Mid-Range Hydrocarbons (MRH)	mg/L	<0.059 J	<0.060	--	--	--	--	--	--
SVOCs - SIM									
Naphthalene	mg/L	<0.00045	<0.00048	--	--	--	--	--	--
VOCs									
1,1,1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	mg/L	<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
1,1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	0.00015 J	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	mg/L	<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
1,2-Dibromoethane (Ethylene dibromide)	mg/L	<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
1,2-Dichloroethane	mg/L	<0.001	<0.001	0.00014 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
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<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
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<0.01	<0.01	0.0014 J	<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
Benzene	mg/L	<0.001	<0.001	0.00012 J	0.00016 J	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	<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
Carbon disulfide	mg/L	<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
Chlorobenzene	mg/L	<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
Chloroform (Trichloromethane)	mg/L	<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
cis-1,2-Dichloroethene	mg/L	0.0007 J	0.00094 J	0.0169	0.0236	0.0043	0.0044	<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
Cyclohexane	mg/L	<0.001	<0.001	0.00049 J	0.00052 J	<0.001	<0.001	<0.001	<0.001
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane (CFC-12)	mg/L	<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
Isopropyl benzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl acetate	mg/L	<0.02	<0.001	<0.02	<0.001	<0.02	<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
Methyl tert butyl ether (MTBE)	mg/L	<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
Styrene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	mg/L	0.0032	0.0029	<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
trans-1,2-Dichloroethene	mg/L	<0.001	<0.001	0.0011	0.002	0.00032 J	0.00035 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
Trichloroethene	mg/L	0.0005 J	0.00034 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
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl chloride	mg/L	<0.001	<0.001	0.0077	0.0115	0.00041 J	0.00029 J	<0.001	<0.001
Xylenes (total)	mg/L	<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-208B		MW-208C		TMW-146	TMW-146	TMW-146	
Sample ID:		WG-012920-NL-016	WG-071020-SM-008	WG-012920-NL-010	WG-071020-SM-010	WG-013120-NL-019	WG-013120-NL-020	WG-071320-SM-026	WG-071320-SM-028
Sample Date:		1/29/2020	7/10/2020	1/29/2020	7/10/2020	1/31/2020	1/31/2020	7/13/2020	7/13/2020
Parameters							Duplicate		Duplicate
Units									
Petroleum Products									
High-Range Hydrocarbons (HRH)	mg/L	--	--	--	--	<0.20 J	<0.20 J	<0.20	<0.20
Low-Range Hydrocarbons (LRH)	mg/L	--	--	--	--	<0.050	<0.050	<0.050	<0.050
Mid-Range Hydrocarbons (MRH)	mg/L	--	--	--	--	0.078 J-	0.070 J-	<0.061	<0.060
SVOCs - SIM									
Naphthalene	mg/L	--	--	--	--	<0.0005	<0.00048	<0.00053	<0.00050
VOCs									
1,1,1-Trichloroethane	mg/L	<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
1,1,2-Trichloroethane	mg/L	<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
1,1-Dichloroethene	mg/L	<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
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	<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
1,2-Dichlorobenzene	mg/L	<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
1,2-Dichloropropane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	mg/L	<0.001	<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
2-Hexanone	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-pentanone	mg/L	<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
Benzene	mg/L	<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
Bromoform	mg/L	<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
Carbon disulfide	mg/L	<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
Chlorobenzene	mg/L	<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
Chloroform (Trichloromethane)	mg/L	0.00024 J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane (Methyl chloride)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	mg/L	<0.001	<0.001	0.0028	0.0027	0.00029 J	<0.001	0.00032 J	<0.001
cis-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cyclohexane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.0001 J	<0.001	<0.001
Dibromochloromethane	mg/L	<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
Ethylbenzene	mg/L	<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
Methyl acetate	mg/L	<0.02	<0.001	<0.02	<0.001	<0.02	<0.02	<0.001	<0.001
Methyl cyclohexane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl tert butyl ether (MTBE)	mg/L	<0.001	<0.001	0.00016 J	0.00028 J	<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
Styrene	mg/L	<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
Toluene	mg/L	<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
trans-1,3-Dichloropropene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	<0.001	<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
Trifluorotrichloroethane (CFC-113)	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl chloride	mg/L	<0.001	<0.001	0.00022 J	0.00019 J	<0.001	<0.001	<0.001	<0.001
Xylenes (total)	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Footnotes:
J - Estimated concentration.
R - Rejected.

Appendices

Appendix A

Field Documentation

14 7/9/2020 RACER TRUST 012559A

0735 - on-site

→ TGSM (see HASP)

TASK: Semi-Annual Sampling Great

PERSONNEL: N. LASKARES } GHD
S. Murphy }

WEATHER: 93°F; Sunny; Humid

EQUIP: TRUCK #432; #565; Rental
2" submersible (x2) w/ controllers;
KS-IP-05; KS-IP-04; KS-YSI-01;
Rental YSI; Rental turbidity
meters (x2)

PPE: LEVEL D + COVID-19

0750 - CALIBRATE Equipment
see QSF - forms

0755 - Purge drum checked & will
need a 2nd drum tomorrow
to accommodate purge & IDW water.

- All down-well equipment
(non-dedicated) will be decon'd
w/ Alconox & distilled H₂O before

7/9/2020 RACER TRUST 012559A

each use. Decon water to be
collected & stored in on-site
drum.

- Purge water to be collected
& stored in on-site drum.

08:30 - Begin collecting SWLs. see
chart on next pg.

11:00 - Spoke w/ G. Behr (GM env.)
& informed of GM property's
COVID-19 protocols:

- on-site personnel need to
answer questionnaire
- temp. check @ guard
shack
- face mask worn @ all times.

- GM property wells to be gauged
7/10 when allowed access to prop.

11:30 - Begin sampling MWS. See
SP-09 forms for stabilization
data.

Alan S. Palmer

7/9/20

RACER Trust

012559A

MW ID	DTW	TD	ANALYTE	Notes
146	17.26	31.24	1, 2	
146B	17.52	62.31	1	
146C	17.81	94.01	1	
124A	20.59	37.08	1	
124B	20.83	61.74	1	
*1A	17.89	57.29	1	
*1B	17.42	86.93	1	
*1C	18.06	107.27	1	
110A	15.68	36.50	1	
200	16.67	26.97	1	
201	18.72	27.27	1	
202	15.18	27.21	1	
203	15.15	26.90	1	
204A	16.39	27.27	1	
204B	16.42	59.81	1	
205A	15.43	26.98	1	
205B	15.61	59.73	1	
206A	16.06	26.87	1	
206B	16.08	59.73	1	
206C	15.99	89.74	1	
207A	17.57	30.23	1, 2	
207B	17.52	62.66	1	
207C	17.58	89.89	1	
		92.44		

7/9/20

RACER Trust

012559A 17

MWID	DTW	TD	Analyte	Notes
*208A	15.47	26.66	1	
*208B	15.10	59.39	1	
*208C	15.09	89.89	1	

1 = VOCs via 8260B

2 = TPH LRH/MRH/HRH + naphthalene (8270)

* = gauged 7/10/2020

16:45 @

17:05 - Housekeeping: stage all purge water in on-site drum.
- drum is now full.

17:05 - OFF site

RACER Trust

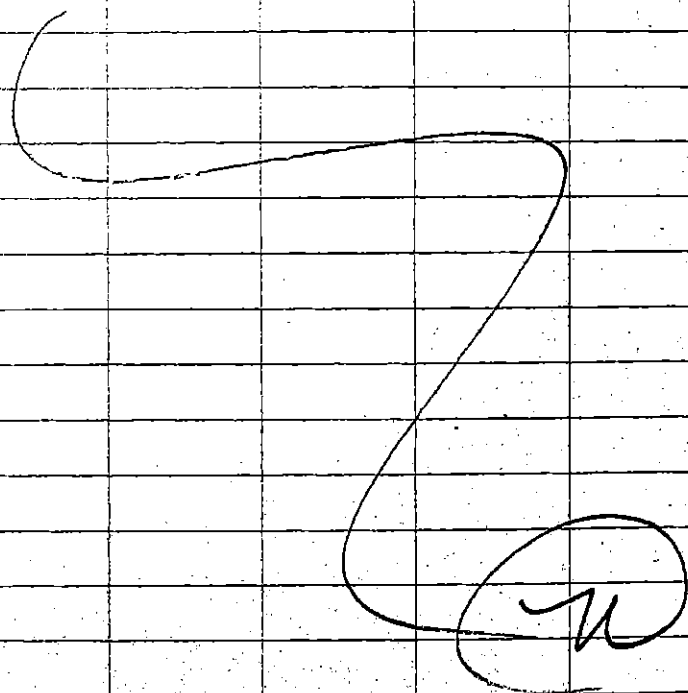
18 7/9/20

RACER Trust

0125594

MWID	SAMPLE NAME	TIME	Analyte
206A	WG-070920-NL-001	12:10	1
204A	NG-070920-SM-002	14:55	1
206B	WG-070920-NL-003	13:30	1
205A	WG-070920-SM-004	15:50	1

1 = VOCs via 8260B



7/10/2020

RACER Trust

0125594

08:25 - on-site

→ TGSN (see HASP)

TASK: GWM Event

Personnel: N-LASKARIS } GHA
S. Murphy }

Equip: see pg 14

Weather: 91°F Sunny

PPE: Level D + Covid-19

08:00 - picked up new Not decon @
Al Barker.0930 - Checked in w/ guard shack
; Allowed to enter GHA property

- Calibrate Equipment

- Same decon, sampling, and
IDW procedures as before

- Continue Sampling MWs.

- See SP-09 forms for
details

Ritter in the Rain

20 7/10/20 RACER Trust 0125594

13:30 - check-out @ GIM property

14:00 - Continue sampling wells
on ~~RACER~~ Tradebot
property.

16:50 - Stone purge / IDW water,
Housekeeping, off-site @ 17:30

7/10/20 RACER Trust 0125594

MWID	SAMPLE NAME	TIME	ANALYTE
1C	WG-071020-NL-005	10:55	1
208A	" - " -SM-006	11:25	1
1B	" - " -NL-007	11:50	1
208B	" - " -SM-008	12:05	1
1A	" - " -NL-009	12:45	1
208C	" - " -SM-010	12:50	1
1A (dup)	" - " -NL-011	12:55	1
204B	" - " -SM-012	15:00	1
206C	" - " -NL-013	14:25	1
205B	" - " -SM-014	14:15	1

1 = VOCs via 8260B

7/13/20 RACER Trust 012559A

0810 - on-site
→ TASM

TASK: GWM Event

Personnel: N. LASKARES > GHID
S. Murphy

Equip: see pg 14

WEATHER

PPE: LEVEL D + Covid 19 policy

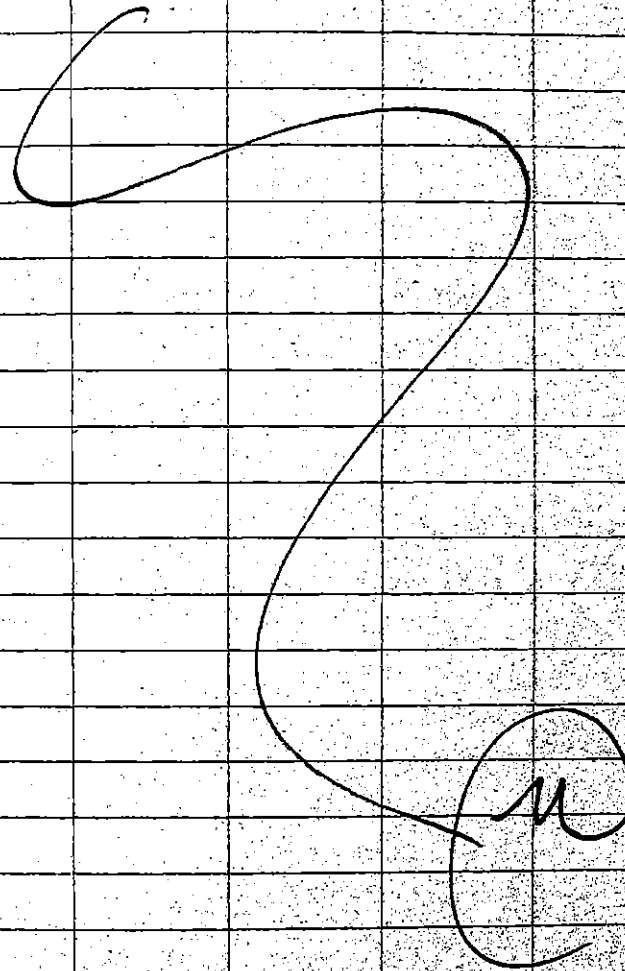
0830 - Calibrate Equipment

0900 - Continue Sampling MW's
(Same IDW, decon, & sampling
procedures as before)13:45 - N. LASKARES on-site
→ Calibrate Equip.

16:00 - S. Murphy off-site

- Locked Front gate on Tradebot
property. Able to Access MW-202
via drainage Area outside
gate

7/13/20 RACER Trust 012559A

19:45 - Housekeeping, stage IDW, &
off-site of secured gates!

7/13/20

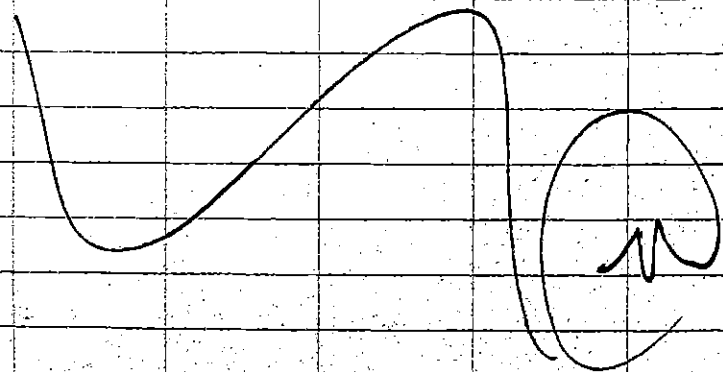
RACER Trust

012559A

MWID	SAMPLE NAME	TIME	ANALYTE
203	WG-071320-NL-015	1530	1
207A	" - " -SM-016	10:20	1, 2
200	" - " -NL-017	17:00	1
207C	" - " -SM-018	11:10	1
201	" - " -NL-019	18:25	1
207B	" - " -SM-020	11:45	1
202	" - " -NL-021	19:25	1
146C	" - " -SM-022	14:00	1
146B	" - " -SM-024	14:40	1
TNW-146	" - " -SM-026	15:30	1, 2
TNW-146 (dup)	" - " -SM-028	15:40	1, 2

1 = VOCs via 8260B

2 = TPH LPH/MPH/HPH + naphthalene



7/14/20

RACER Trust

012559A

0900 - on-site

→ TISM

TASK: GWM Event

PERSONNEL: S. Murphy - GHA

Equip. see pg 14

Weather: 89° Sunny

PPE: Level 1 + Covid 19 policy

0930 - Calibrate Equipment

10:00 - Continue sampling MWS -
same IDW, decon & sampling
procedures as previous1245 - All IDW/purge water stored
in drum & secured. Drum
labeled w/ non-hazardous
sticker

13:15 - Housekeeping & off-site



RACER Trust

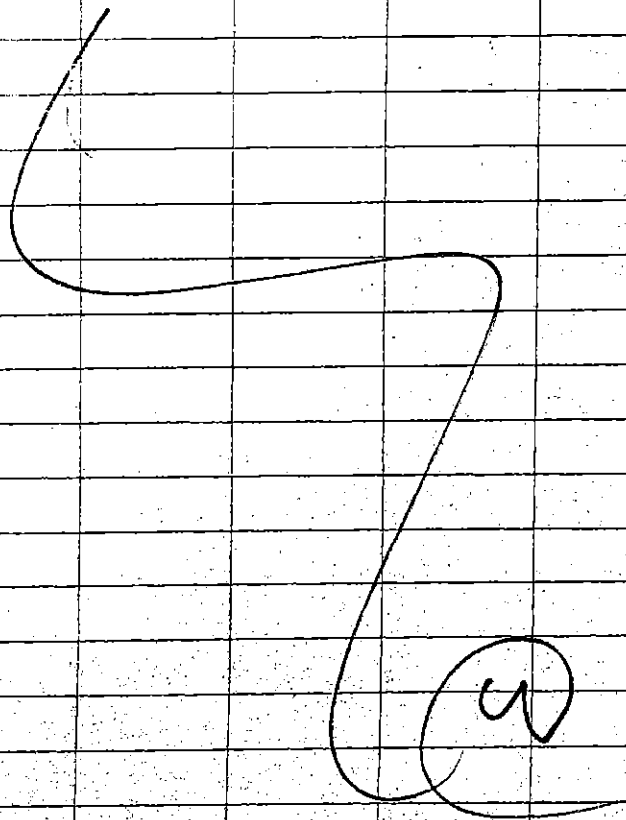
20 7/14/20

Rite in the Rain

0125576

MW ID	SAMPLE NAME	Time	Answer
124B	WG-071420-SM-030	11:00	1
124A	WG-071420-SM-032	09:40	1
110A	WG-071420-SM-034	12:20	1

1=VOCs na 8260B



Project Data:

Project Name:

Ref. No.:

Date:

Personnel:

Monitoring Well Data:

Well No.:

Vapour PID (ppm):

Measurement Point:

Constructed Well Depth (m/ft):

Measured Well Depth (m/ft):

Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):

Depth to Pump Intake (m/ft)⁽¹⁾:

Well Diameter, D (cm/in):

Well Screen Volume, V_s (L)⁽²⁾:

Initial Depth to Water (m/ft):

Notes:

- WG-070920-SM-002

(a) 1458

Project Data:

Project Name:

Ref. No.:

Date:

Personnel:

Well No.:

Vapour PID (ppm):

Measurement Point:

Constructed Well Depth (m/ft):

Measured Well Depth (m/ft):

Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):

Depth to Pump Intake (m/ft)⁽¹⁾:

Well Diameter, D (cm/in):

Well Screen Volume, V_s (L)⁽²⁾:

Initial Depth to Water (m/ft):

Notes:

- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi r^2 (r')^2 L$ in mL, where r ($r' = D/2$) and L are in cm. For imperial units, $V_s = \pi (r')^2 L$ (2.54)³, where r and L are in inches
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing). No. of Well Screen Volumes Purged = V_p/V_s .
- (5) For conductivity, the average value of three readings < 1 mS/cm ± 0.005 mS/cm or where conductivity > 1 mS/cm ± 0.01 mS/cm.

W6-070920-SM-004

@ 1550

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

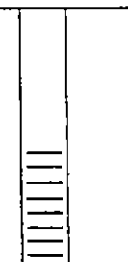
Project Name: River Fairfax
Ref. No.: 012599A

Date: 7/10/20
Personnel: S. Murphy

Monitoring Well Data:

Well No.: 208 - 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): 24
Well Screen Volume, V_s (L)⁽²⁾: /
Initial Depth to Water (m/ft): 15.47
15.



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		
1035						62 NTU					
1040				17.03	1.075		5.56	6.75	-81.2		
1045				16.61	1.007		3.31	6.69	-108.3		
1050											
1055		15.29		16.06	.977		3.08	6.89	-112.7		
1100				15.89	.970		.96	6.81	-122.7		
1105		15.29		16.00	.968	55	.60	6.98	-123.3		
1110				15.92	.968		.98	6.82	-126.6		
1115				15.96	.968	27.8	.94	6.81	-128.2		
1120				15.97	.963		.93	6.83	-127.2		
1125											

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, $V_s = \pi \cdot (r^2) \cdot L \cdot (2.31)$, 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.

W6-071020-SM-006

@ 1125

Project Data:

Project Name:
Ref. No.:

Racer Fax Fax
012559A

Date: 7/10/20
Personnel: S. Murphy

Monitoring Well Data:

Well No.:

208 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):

Well Screen Volume, V_s (L)⁽²⁾:

Initial Depth to Water (m/ft):

[illegible]

Notes:

- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi(r^2)L$ in mL, where r (=D/2) and L are in cm. For Imperial units, $V_s = \pi(r^2)L$ (2.94), 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 appears 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.

WB-071020-SM-608

Q1205

Project Data:

Roger Fairfax
012559A

7/10/20
S. Murphy

Well No.:

208, c

Vapour PID (ppm):

Measurement Point:

Constructed Well Depth (m/ft):

Measured Well Depth (m/ft):

Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):

Depth to Pump Intake (m/ft)⁽¹⁾:

Well Diameter, D (cm/in):

Well Screen Volume, V_s (L)⁽²⁾:

Initial Depth to Water (m/ft):

Notes:

- WG-071020-SM-010

@ 1250

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

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

Date: 7/10/20
Personnel: S. Murphy

Monitoring Well Data:

Well No.: 204 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): 16.42

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		
1410				18.64	1.572		5.32	6.95	-106.5		
1415				18.38	1.647		1.05	6.75	-119.4		
1420											
1425				17.93	1.633		.31	6.69	-132.9		
1430				17.97	1.635		.28	6.70	-134.0		
1435				17.98	1.631		.25	6.75	-134.8		
1440				18.50	1.642		.21	6.75	-136.6		
1445				19.15	1.668		.22	6.75	-138.1		
1450				19.22	1.671		.22	6.73	-133.9		
1455				19.77	1.679		.21	6.74	-138.8		
1500	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 (=D/2) and L are in cm. For Imperial units, $V_s = \pi \cdot (r^2) \cdot L \cdot (2.34)$, 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.

W6-071020-SM-062

@ 1500

Project Data:

Project Name:

Ref. No.:

Date:

Personnel:

Monitoring Well Data:

Well No.:

Vapour PID (ppm):

Measurement Point

Constructed Well Depth (m/ft):

Measured Well Depth (m/ft):

Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):

Depth to Pump Intake (m/ft)⁽¹⁾:

Well Diameter, D (cm/in):

Well Screen Volume, V_s (L)⁽²⁾:

Initial Depth to Water (m/ft):

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), 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.

WG-071020-SM-0/4

(9/1615)

Project Data:

Project Name: Racers Fair fax
Ref. No.: 012559 A

Date: 7/13/20
Personnel: S. Murphy

Monitoring Well Data:

Monitoring Well Data:

Well No.:	207A
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): 17.57

[illegible]**Notes:**

- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.5 m (2 ft) above any sediment accumulated at the well bottom.
- (2) The well screen volume will be based on a 1.52 meters (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, $V_s = \pi(r^2) \cdot L$ (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) Forging 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.

WG-071320-SM-016

C 1025

Project Data:

Project Name:

Ref. No.:

Date:

Personnel:

Monitoring Well Data:

Well No.:

Vapour PID (ppm):

Measurement Point:

Constructed Well Depth (m/ft):

Measured Well Depth (m/ft):

Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):

Depth to Pump Intake (m/ft)⁽¹⁾:

Well Diameter, D (cm/in):

Well Screen Volume, V_s (L)⁽²⁾:

Initial Depth to Water (m/ft):

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 meters (5-foot) screen length (L). For metric units, $V_s = \pi(r(D/2))^2 L$ in mL, where r (r=D/2) and L are in cm. For imperial units, $V_s = \pi(r(D/2))^2 L$ (2.34)³, where r and L are in inches.
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing). No. of Well Screen Volumes Purged= V_p/V_s .
- (5) For conductivity, the average value of three readings <1 mS/cm $\pm$ 0.005 mS/cm or where conductivity >1 mS/cm $\pm$ 0.01 mS/cm.

106-071320-SM- 018

② 116

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

Project Data:

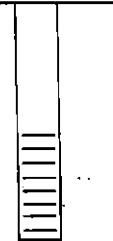
Project Name: Racer Fairfax
Ref. No.: 012559A

Date: 7/13/20
Personnel: S. Murphy

Monitoring Well Data:

Well No.: 207 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): 17.52



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		
1115	250			17.12	900		72	6.84	-127.7		
1120											
1125											
1130				17.42	912	19.7	56	6.83	-140.5		
1135				17.63	916	123	54	6.82	-142.6		
1140				17.40	916		55	6.83	-143.6		
1145	Sample										

Sample ID:

WB-671320-SM-020

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

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

Project Data:

Project Name: Racer Fairfax
Ref. No.: 02739A

Date: 7/13/20
Personnel: S. Murphy

Monitoring Well Data:

Well No.: 146 C
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): 11.81



Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level ⁽³⁾ (m/ft)	Temperature °C	Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, V _p (L)	No. of Well Screen Volumes Purged ⁽⁴⁾
Precision Required ⁽⁵⁾ :				±3 %	±0.005 or 0.01 ⁽⁶⁾	±10 %	±10 %	±0.1 Units	±10 mV		
1330	300										
1335				16.91	763	Mud	2.81	7.14	-139.3		
1340		17.82		16.72	773		5.8	7.05	-134.6		
1345		17.84		16.57	778		3.6	7.06	-130.0		
1350		17.84		15.61	763	14.78	3.1	7.05	-134.7		
1355		17.81		15.56	765	9.22	2.8	7.06	-135.7		
1400	Sample			15.79	768		2.1	7.06	-136.5		

Sample ID:

W6-071320-SM-022

Sample Time:

@ 1400

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.

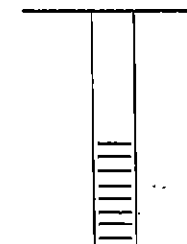
Monitoring Well Record for Low-Flow Purging
(Form SP-09)

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

Date: 7/13/20
Personnel: S. Murphy

Monitoring Well Data:
Well No.: TMW-146
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⁾: 1
Well Diameter, D (cm/in): 2
Well Screen Volume, V_s (L)⁽²⁾: _____
Initial Depth to Water (m/ft): 17.26



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		
1455				18.97	165		1.57	6.77	-95.8		
1500				19.97	109	278	46	6.75	-99.7		
1505				19.92	106	17.5	37	6.74	-107.9		
1510				19.93	697		35	6.74	-110.3		
1515				19.30	700		28	6.75	-114.7		
1520				19.08	697		28	6.74	-114.5		
1525				19.48	702		27	6.73	-115.4		
1530											

Sample ID: W6-071320-SM-026

Sample Time: @ 1530

Notes:

DUP W6-071320-SM-028

@ 1540

- (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:

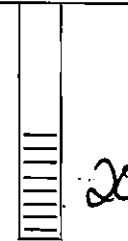
Project Name: Racer fair fax
Ref. No.: 012959A

Date: 7/14/20
Personnel: S. Murphy

Monitoring Well Data:

Well No.: 126 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): 20.83



20.59A

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		
1020	250			20.91	1.211		4.62	7.01	-106.6		
1025				16.94	1.000		2.88	6.98	-132.4		
1030				16.68	.989		1.59	6.95	-145.1		
1035				15.63	.989		.59	6.93	-142.6		
1040				15.63	.988		.38	6.93	-139.9		
1045				15.64	.988		.25	6.93	-139.8		
1050				15.57	.987		.23	6.94	-136.5		
1055				15.60	.987		.22	6.94	-134.6		
1100											

Sample ID:

W6-071420-SM-030

Sample Time:

1100

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:

Ref. No.:

Date:

Personnel:

Monitoring Well Data:

Well No.:

Vapour PID (ppm):

Measurement Point:

Constructed Well Depth (m/ft):

Measured Well Depth (m/ft):

Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):

Depth to Pump Intake (m/ft)⁽¹⁾:

Well Diameter, D (cm/in):

Well Screen Volume, V_s (L)⁽²⁾:

Initial Depth to Water (m/ft):

[illegible]

Notes:

- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi(r^2)L$ in mL, where r ($=D/2$) and L are in cm. For Imperial units, $V_s = \pi(r^2)L$ (2.54)³, where r and L are in inches
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing). No. of Well Screen Volumes Purged = V_p/V_s .
- (5) For conductivity, the average value of three readings <1 mS/cm ± 0.005 mS/cm or where conductivity >1 mS/cm ± 0.01 mS/cm.

WG-071420-SM-034

Q 1220

Project Data:

Project Name:

Ref. No.:

Date:

Personnel:

Monitoring Well Data:

Well No.:

Vapour PID (ppm):

Measurement Point

Constructed Well Depth (m/ft):

Measured Well Depth (m/ft):

Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):

Depth to Pump Intake (m/ft)⁽¹⁾:

Well Diameter, D (cm/in):

Well Screen Volume, V_s (L)⁽²⁾:

Initial Depth to Water (m/ft):

[illegible]

Notes:

- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- (2) The well screen volume will be based on a 1.52 meters (5-foot) screen length (L). For metric units, $V_s = \pi(r^2)L$ in mL, where r (mD/2) and L are in cm. For imperial units, $V_s = \pi(r^2)L$ (2.54)³, where r and L are in inches
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing). No. of Well Screen Volumes Purged= V_p/V_s .
- (5) For conductivity, the average value of three readings <1 mS/cm $\pm$ 0.005 mS/cm or where conductivity >1 mS/cm $\pm$ 0.01 mS/cm.

WG-070920-NL-001
@ 12:40

Volc

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

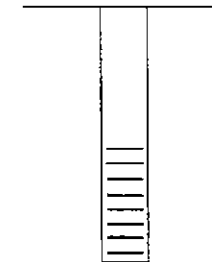
Project Name: RACER Trust
 Ref. No.: 012559A

Date: 7/10/2020
 Personnel: N. LASKARIS

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): 18.06



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, Vp (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		
09:55	300	18.06	0.00	14.65	0.039	26.4	13.12	7.56	-152.5		
10:00	"	"	"	14.35	0.040		3.55	6.87	-132.0		
:05	"	"	"	14.28	0.040		2.81	6.99	-151.4		
:10	"	18.08	0.02	14.04	0.041		1.65	7.48	-190.2		
:15	"	"	"	13.91	0.042		1.37	7.37	-193.9		
:20	"	"	"	13.87	0.042		1.21	7.20	-190.0		
:25	"	18.08	0.02	14.33	0.043		1.09	7.14	-190.8		
:30	"	"	"	14.22	0.043		0.98	7.33	-202.3		
:35	"	"	"	15.28	0.044		0.86	7.49	-217.7		
:40	"	"	"	15.28	0.044		0.90	7.55	-221.5		
:45	300	18.08	0.02	15.10	0.043		0.86	7.58	-223.1		

Notes:

- The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi(r^2)L$ 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 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 = 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.

WG- 071020-NL-005
 @ 10:55

VOCs

Project Data:

Project Name: RACER TRUST
Ref. No.: 002559A

Date: 7/10/20
Personnel: N-LARUEL

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): 2¹

Well Screen Volume, V_s (L)⁽²⁾: _____

Initial Depth to Water (m/ft): 17.42

[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, $V_s = \pi r^2 (r^2) L$ in mL, where $r = (D/2)$ and L are in cm. For Imperial units, $V_s = \pi r^2 (r^2) L$ (2.54)³, where r and L are in inches
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing). No. of Well Screen Volumes Purged= V_p/V_s .
- (5) For conductivity, the average value of three readings < 1 mS/cm ± 0.005 mS/cm or where conductivity > 1 mS/cm ± 0.01 mS/cm.

WG-071020-NL-007
@ 11:50

VOLE

Project Data:

Project Name: RACER TRUST
Ref. No.: 012059A

Date: 7/10/20
Personnel: N-LASKARES

Monitoring Well Data:

Well No.: MW-1A
Vapour PID (ppm): -
Measurement Point: T.O.C.
Constructed Well Depth (m/ft): _____
Measured Well Depth (m/ft): _____
Depth of Sediment (m/ft): _____

Saturated Screen Length (m/ft): _____
 Depth to Pump Intake (m/ft)⁽¹⁾: _____
 Well Diameter, D (cm/in): 2"
 Well Screen Volume, V_s (L)⁽²⁾: _____
 Initial Depth to Water (m/ft): 17.89

[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, $V_s = \pi r^2 L$ in mL, where $r = (D/2)$ and L are in cm. For Imperial units, $V_s = \pi r^2 L$ (2.54)³, where r and L are in inches
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing). No. of Well Screen Volumes Purged = V_p/V_s .
- (5) For conductivity, the average value of three readings < 1 mS/cm ± 0.005 mS/cm or where conductivity > 1 mS/cm ± 0.01 mS/cm.

WG-071020-NL-009
@ 12:45

WG-071020-M-011 @ 2:55

VOLs

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

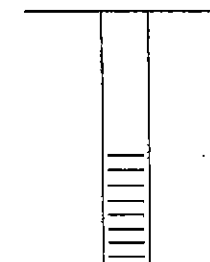
Project Name: RACER TRUS
 Ref. No.: 012559A

Date: 7-10-20
 Personnel: N. CASPARKES

Monitoring Well Data:

Well No.: MW-206C
 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): 15.99



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 ⁽⁵⁾	±10 %	±10 %	±0.1 Units	±10 mV		
13:30	300	16.00	0.01	12.39	0.612	13.1	0.40	7.18	-140.1		
35	"	"	"	12.42	0.625	12.4	0.37	7.08	-130.7		
40	"	"	"	12.41	0.639	12.3	0.28	8.85	-115.3		
45	"	"	"	12.37	0.640	12.6	0.29	6.56	-116.3		
50	"	"	"	12.26	0.643	11.4	0.37	6.55	-117.2		
55	"	"	"	12.25	0.645	11.2	0.43	6.54	-118.0		
14:00	"	"	"	12.30	0.645	10.9	0.40	6.57	-122.4		
05	"	"	"	12.31	0.646	10.6	0.38	6.62	-125.1		
10	"	"	"	12.29	0.646	10.2	0.37	6.64	-127.3		
14:15	300	16.00	0.01	12.28	0.645	9.93	0.36	6.65	-130.3		

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 ($r = D/2$) 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 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.

WET-071020-NL-013
@ 14:25

VOCs

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: RACER TRUST
Ref. No.: 025594

Date: 7-13-2020
Personnel: N. LASIKES

Monitoring Well Data:

Well No.: MW-2043
Vapour PID (ppm):
Measurement Point: T-D-C
Constructed Well Depth (m/ft):
Measured Well Depth (m/ft):
Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):
Depth to Pump Intake (m/ft)⁽¹⁾:
Well Diameter, D (cm/in): 2"
Well Screen Volume, V_s (L)⁽²⁾:
Initial Depth to Water (m/ft): 15.15

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		
14:35	200	15.17	0.02	16.21	0.928	27.5	4.39	7.10	-28.1		
14:40	"	"	"	15.04	0.906	22.6	5.41	6.33	15.1		
14:45	"	"	"	14.33	0.889	20.9	4.79	6.15	28.2		
14:50	"	"	"	13.79	0.869	17.4	3.85	5.95	44.3		
14:55	"	"	"	13.54	0.890	15.1	3.00	6.21	33.8		
15:00	"	"	"	13.50	0.894	13.7	2.86	6.43	24.7		
15:05	"	"	"	13.48	0.903	12.4	2.19	6.67	12.0		
15:10	"	"	"	13.47	0.914	11.9	1.96	6.83	5.9		
15:15	"	"	"	13.45	0.920	10.5	1.57	6.87	1.5		
15:20	200	15.17	0.02	13.44	0.925	9.38	1.52	6.93	-4.6		

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 (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 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-071320-NL-015
@ 1530

Project Data:

Project Name: RACER Trust
Ref. No.: 0125594

Date: 7-13-2020
Personnel: N. CASILLAS

Well No.: MW-280

Vapour PID (ppm):

Measurement Point: T - 3 - 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): 16-107

[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, $V_s = \pi(r)^2 L$ in mL, where r (r=D/2) and L are in cm. For Imperial units, $V_s = \pi(r')^2 L$ (2.54)², 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= Vp/Vs.

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

WG-071320-NL-01T
@ 17:00

Vol

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

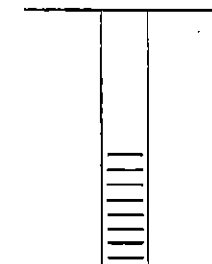
Project Name: RACER TRUST
 Ref. No.: 012589A

Date: 7-13-2020
 Personnel: N. LASKARIS

Monitoring Well Data:

Well No.: MW-201
 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): 18.72



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		
17:25	305	18.72	0.00	13.18	0.591	102	7.76	6.64	-50.4		
30	"	"	"	12.61	0.584	74.3	6.21	6.62	-55.3		
35	"	"	"	11.35	0.571	51.6	1.19	6.51	-51.6		
40	"	"	"	11.34	0.565	34.3	0.96	6.57	-55.8		
45	"	"	"	11.22	0.562	30.8	0.73	6.65	-52.4		
50	"	"	"	11.20	0.560	22.4	0.70	6.64	-31.7		
55	"	"	"	11.25	0.561	19.3	0.69	6.64	-22.4		
18:00	"	"	"	11.33	0.560	18.6	0.66	6.63	-11.9		
05	"	"	"	11.31	0.559	12.3	0.63	6.63	-3.9		
10	"	"	"	11.20	0.557	10.3	0.60	6.62	-1.5		
5	305	18.72	0.00	11.15	0.554	9.84	0.54	6.62	-0.4		

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 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-071320-NL-019
 @ 1825

VOCs

Appendix B

Laboratory Analytical Report

July 24, 2020

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

RE: Project: 012559A GM RACER FAIRFAX
Pace Project No.: 60342685

Dear Travis Kogl:

Enclosed are the analytical results for sample(s) received by the laboratory on July 14, 2020. 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.: 60342685

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.: 60342685

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60342685001	WG-070920-NL-001	Water	07/09/20 12:10	07/14/20 16:11
60342685002	WG-070920-SM-002	Water	07/09/20 14:55	07/14/20 16:11
60342685003	WG-070920-NL-003	Water	07/09/20 13:30	07/14/20 16:11
60342685004	WG-070920-SM-004	Water	07/09/20 15:50	07/14/20 16:11
60342685005	WG-071020-NL-005	Water	07/10/20 10:55	07/14/20 16:11
60342685006	WG-071020-SM-006	Water	07/10/20 11:25	07/14/20 16:11
60342685007	WG-071020-NL-007	Water	07/10/20 11:50	07/14/20 16:11
60342685008	WG-071020-SM-008	Water	07/10/20 12:05	07/14/20 16:11
60342685009	WG-071020-NL-009	Water	07/10/20 12:45	07/14/20 16:11
60342685010	WG-071020-SM-010	Water	07/10/20 12:50	07/14/20 16:11
60342685011	WG-071020-NL-011	Water	07/10/20 12:55	07/14/20 16:11
60342685012	WG-071020-SM-012	Water	07/10/20 15:00	07/14/20 16:11
60342685013	WG-071020-NL-013	Water	07/10/20 14:25	07/14/20 16:11
60342685014	WG-071020-SM-014	Water	07/10/20 16:15	07/14/20 16:11
60342685015	WG-071320-NL-015	Water	07/13/20 15:30	07/14/20 16:11
60342685016	WG-071320-SM-016	Water	07/13/20 10:20	07/14/20 16:11
60342685017	WG-071320-NL-017	Water	07/13/20 17:00	07/14/20 16:11
60342685018	WG-071320-SM-018	Water	07/13/20 11:10	07/14/20 16:11
60342685019	WG-071320-NL-019	Water	07/13/20 18:25	07/14/20 16:11
60342685020	WG-071320-SM-020	Water	07/13/20 11:45	07/14/20 16:11
60342685021	WG-071320-NL-021	Water	07/13/20 19:25	07/14/20 16:11
60342685022	WG-071320-SM-022	Water	07/13/20 14:00	07/14/20 16:11
60342685023	WG-071320-SM-024	Water	07/13/20 14:40	07/14/20 16:11
60342685024	WG-071320-SM-026	Water	07/13/20 15:30	07/14/20 16:11
60342685025	WG-071320-SM-028	Water	07/13/20 15:40	07/14/20 16:11
60342685026	WG-071420-SM-030	Water	07/14/20 11:00	07/14/20 16:11
60342685027	WG-071420-SM-032	Water	07/14/20 09:40	07/14/20 16:11
60342685028	WG-071420-SM-034	Water	07/14/20 12:20	07/14/20 16:11

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60342685001	WG-070920-NL-001	EPA 5030B/8260	PGH	52	PASI-K
60342685002	WG-070920-SM-002	EPA 5030B/8260	PGH	52	PASI-K
60342685003	WG-070920-NL-003	EPA 5030B/8260	PGH	52	PASI-K
60342685004	WG-070920-SM-004	EPA 5030B/8260	PGH	52	PASI-K
60342685005	WG-071020-NL-005	EPA 5030B/8260	PGH	52	PASI-K
60342685006	WG-071020-SM-006	EPA 5030B/8260	PGH	52	PASI-K
60342685007	WG-071020-NL-007	EPA 5030B/8260	PGH	52	PASI-K
60342685008	WG-071020-SM-008	EPA 5030B/8260	PGH	52	PASI-K
60342685009	WG-071020-NL-009	EPA 5030B/8260	PGH	52	PASI-K
60342685010	WG-071020-SM-010	EPA 5030B/8260	PGH	52	PASI-K
60342685011	WG-071020-NL-011	EPA 5030B/8260	PGH	52	PASI-K
60342685012	WG-071020-SM-012	EPA 5030B/8260	PGH	52	PASI-K
60342685013	WG-071020-NL-013	EPA 5030B/8260	PGH	52	PASI-K
60342685014	WG-071020-SM-014	EPA 5030B/8260	PGH	52	PASI-K
60342685015	WG-071320-NL-015	EPA 5030B/8260	PGH	52	PASI-K
60342685016	WG-071320-SM-016	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
60342685017	WG-071320-NL-017	EPA 5030B/8260	PGH	52	PASI-K
60342685018	WG-071320-SM-018	EPA 5030B/8260	PGH	52	PASI-K
60342685019	WG-071320-NL-019	EPA 5030B/8260	PGH	52	PASI-K
60342685020	WG-071320-SM-020	EPA 5030B/8260	PGH	52	PASI-K
60342685021	WG-071320-NL-021	EPA 5030B/8260	PGH	52	PASI-K
60342685022	WG-071320-SM-022	EPA 5030B/8260	PGH	52	PASI-K
60342685023	WG-071320-SM-024	EPA 5030B/8260	PGH	52	PASI-K
60342685024	WG-071320-SM-026	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
60342685025	WG-071320-SM-028	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
60342685026	WG-071420-SM-030	EPA 5030B/8260	PGH	52	PASI-K
60342685027	WG-071420-SM-032	EPA 5030B/8260	PGH	52	PASI-K
60342685028	WG-071420-SM-034	EPA 5030B/8260	PGH	52	PASI-K

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SAMPLE ANALYTE COUNT

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
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.: 60342685

Sample: **WG-070920-NL-001** Lab ID: **60342685001** Collected: 07/09/20 12:10 Received: 07/14/20 16:11 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	3.3	1		07/16/20 21:38	67-64-1	
Benzene	ND	ug/L	1.0	0.079	1		07/16/20 21:38	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/16/20 21:38	75-27-4	
Bromoform	0.49J	ug/L	1.0	0.21	1		07/16/20 21:38	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/16/20 21:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.70	1		07/16/20 21:38	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/16/20 21:38	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/16/20 21:38	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.13	1		07/16/20 21:38	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/16/20 21:38	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		07/16/20 21:38	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/16/20 21:38	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.079	1		07/16/20 21:38	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/16/20 21:38	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/16/20 21:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/16/20 21:38	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/16/20 21:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/16/20 21:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/16/20 21:38	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/16/20 21:38	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.097	1		07/16/20 21:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/16/20 21:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/16/20 21:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 21:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 21:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/16/20 21:38	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/16/20 21:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/16/20 21:38	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/16/20 21:38	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/16/20 21:38	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/16/20 21:38	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/16/20 21:38	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/16/20 21:38	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/16/20 21:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/16/20 21:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/16/20 21:38	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/16/20 21:38	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/16/20 21:38	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.22	1		07/16/20 21:38	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/16/20 21:38	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.20	1		07/16/20 21:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/16/20 21:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/16/20 21:38	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 21:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/16/20 21:38	75-69-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-070920-NL-001		Lab ID: 60342685001		Collected: 07/09/20 12:10		Received: 07/14/20 16:11		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	0.12	1		07/16/20 21:38	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.11	1		07/16/20 21:38	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/16/20 21:38	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	80-120		1		07/16/20 21:38	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	86-117		1		07/16/20 21:38	17060-07-0	
Toluene-d8 (S)	99	%	80-120		1		07/16/20 21:38	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/16/20 21:38		

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: **WG-070920-SM-002** Lab ID: **60342685002** Collected: 07/09/20 14:55 Received: 07/14/20 16:11 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	3.3	1		07/16/20 21:52	67-64-1	
Benzene	ND	ug/L	1.0	0.079	1		07/16/20 21:52	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/16/20 21:52	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		07/16/20 21:52	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/16/20 21:52	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.70	1		07/16/20 21:52	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/16/20 21:52	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/16/20 21:52	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.13	1		07/16/20 21:52	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/16/20 21:52	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		07/16/20 21:52	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/16/20 21:52	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.079	1		07/16/20 21:52	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/16/20 21:52	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/16/20 21:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/16/20 21:52	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/16/20 21:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/16/20 21:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/16/20 21:52	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/16/20 21:52	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.097	1		07/16/20 21:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/16/20 21:52	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/16/20 21:52	75-35-4	
cis-1,2-Dichloroethene	0.63J	ug/L	1.0	0.17	1		07/16/20 21:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 21:52	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/16/20 21:52	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/16/20 21:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/16/20 21:52	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/16/20 21:52	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/16/20 21:52	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/16/20 21:52	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/16/20 21:52	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/16/20 21:52	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/16/20 21:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/16/20 21:52	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/16/20 21:52	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/16/20 21:52	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/16/20 21:52	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.22	1		07/16/20 21:52	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/16/20 21:52	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.20	1		07/16/20 21:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/16/20 21:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/16/20 21:52	79-00-5	
Trichloroethene	8.5	ug/L	1.0	0.17	1		07/16/20 21:52	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/16/20 21:52	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-070920-SM-002		Lab ID: 60342685002		Collected: 07/09/20 14:55		Received: 07/14/20 16:11		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	9.4	ug/L	1.0	0.12	1		07/16/20 21:52	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.11	1		07/16/20 21:52	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/16/20 21:52	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	80-120		1		07/16/20 21:52	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	86-117		1		07/16/20 21:52	17060-07-0	
Toluene-d8 (S)	101	%	80-120		1		07/16/20 21:52	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/16/20 21:52		

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-070920-NL-003 Lab ID: 60342685003 Collected: 07/09/20 13:30 Received: 07/14/20 16:11 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	3.3	1		07/16/20 22:06	67-64-1	
Benzene	ND	ug/L	1.0	0.079	1		07/16/20 22:06	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/16/20 22:06	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		07/16/20 22:06	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/16/20 22:06	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.70	1		07/16/20 22:06	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/16/20 22:06	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/16/20 22:06	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.13	1		07/16/20 22:06	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/16/20 22:06	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		07/16/20 22:06	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/16/20 22:06	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.079	1		07/16/20 22:06	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/16/20 22:06	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/16/20 22:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/16/20 22:06	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/16/20 22:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/16/20 22:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/16/20 22:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/16/20 22:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.097	1		07/16/20 22:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/16/20 22:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/16/20 22:06	75-35-4	
cis-1,2-Dichloroethene	1.8	ug/L	1.0	0.17	1		07/16/20 22:06	156-59-2	
trans-1,2-Dichloroethene	0.22J	ug/L	1.0	0.17	1		07/16/20 22:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/16/20 22:06	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/16/20 22:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/16/20 22:06	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/16/20 22:06	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/16/20 22:06	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/16/20 22:06	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/16/20 22:06	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/16/20 22:06	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/16/20 22:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/16/20 22:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/16/20 22:06	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/16/20 22:06	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/16/20 22:06	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.22	1		07/16/20 22:06	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/16/20 22:06	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.20	1		07/16/20 22:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/16/20 22:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/16/20 22:06	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 22:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/16/20 22:06	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-070920-NL-003		Lab ID: 60342685003		Collected: 07/09/20 13:30		Received: 07/14/20 16:11		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	0.12	1		07/16/20 22:06	76-13-1	N2
Vinyl chloride	3.1	ug/L	1.0	0.11	1		07/16/20 22:06	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/16/20 22:06	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	80-120		1		07/16/20 22:06	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	86-117		1		07/16/20 22:06	17060-07-0	
Toluene-d8 (S)	98	%	80-120		1		07/16/20 22:06	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/16/20 22:06		

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-070920-SM-004 **Lab ID: 60342685004** Collected: 07/09/20 15:50 Received: 07/14/20 16:11 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	3.3	1		07/16/20 22:21	67-64-1	
Benzene	ND	ug/L	1.0	0.079	1		07/16/20 22:21	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/16/20 22:21	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		07/16/20 22:21	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/16/20 22:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.70	1		07/16/20 22:21	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/16/20 22:21	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/16/20 22:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.13	1		07/16/20 22:21	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/16/20 22:21	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		07/16/20 22:21	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/16/20 22:21	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.079	1		07/16/20 22:21	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/16/20 22:21	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/16/20 22:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/16/20 22:21	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/16/20 22:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/16/20 22:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/16/20 22:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/16/20 22:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.097	1		07/16/20 22:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/16/20 22:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/16/20 22:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 22:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 22:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/16/20 22:21	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/16/20 22:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/16/20 22:21	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/16/20 22:21	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/16/20 22:21	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/16/20 22:21	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/16/20 22:21	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/16/20 22:21	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/16/20 22:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/16/20 22:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/16/20 22:21	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/16/20 22:21	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/16/20 22:21	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.22	1		07/16/20 22:21	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/16/20 22:21	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.20	1		07/16/20 22:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/16/20 22:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/16/20 22:21	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 22:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/16/20 22:21	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-070920-SM-004		Lab ID: 60342685004		Collected: 07/09/20 15:50		Received: 07/14/20 16:11		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	0.12	1		07/16/20 22:21	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.11	1		07/16/20 22:21	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/16/20 22:21	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	80-120		1		07/16/20 22:21	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	86-117		1		07/16/20 22:21	17060-07-0	
Toluene-d8 (S)	100	%	80-120		1		07/16/20 22:21	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/16/20 22:21		

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: **WG-071020-NL-005** Lab ID: **60342685005** Collected: 07/10/20 10:55 Received: 07/14/20 16:11 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	3.3	1		07/16/20 22:35	67-64-1	
Benzene	ND	ug/L	1.0	0.079	1		07/16/20 22:35	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/16/20 22:35	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		07/16/20 22:35	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/16/20 22:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.70	1		07/16/20 22:35	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/16/20 22:35	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/16/20 22:35	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.13	1		07/16/20 22:35	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/16/20 22:35	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		07/16/20 22:35	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/16/20 22:35	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.079	1		07/16/20 22:35	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/16/20 22:35	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/16/20 22:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/16/20 22:35	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/16/20 22:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/16/20 22:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/16/20 22:35	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/16/20 22:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.097	1		07/16/20 22:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/16/20 22:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/16/20 22:35	75-35-4	
cis-1,2-Dichloroethene	4.2	ug/L	1.0	0.17	1		07/16/20 22:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 22:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/16/20 22:35	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/16/20 22:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/16/20 22:35	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/16/20 22:35	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/16/20 22:35	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/16/20 22:35	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/16/20 22:35	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/16/20 22:35	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/16/20 22:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/16/20 22:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/16/20 22:35	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/16/20 22:35	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/16/20 22:35	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.22	1		07/16/20 22:35	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/16/20 22:35	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.20	1		07/16/20 22:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/16/20 22:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/16/20 22:35	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 22:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/16/20 22:35	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071020-NL-005		Lab ID: 60342685005		Collected: 07/10/20 10:55		Received: 07/14/20 16:11		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	0.12	1		07/16/20 22:35	76-13-1	N2
Vinyl chloride	1.1	ug/L	1.0	0.11	1		07/16/20 22:35	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/16/20 22:35	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	80-120		1		07/16/20 22:35	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	86-117		1		07/16/20 22:35	17060-07-0	
Toluene-d8 (S)	100	%	80-120		1		07/16/20 22:35	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/16/20 22:35		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: **WG-071020-SM-006** Lab ID: **60342685006** Collected: 07/10/20 11:25 Received: 07/14/20 16:11 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	3.3	1		07/16/20 22:49	67-64-1	
Benzene	ND	ug/L	1.0	0.079	1		07/16/20 22:49	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/16/20 22:49	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		07/16/20 22:49	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/16/20 22:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.70	1		07/16/20 22:49	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/16/20 22:49	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/16/20 22:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.13	1		07/16/20 22:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/16/20 22:49	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		07/16/20 22:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/16/20 22:49	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.079	1		07/16/20 22:49	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/16/20 22:49	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/16/20 22:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/16/20 22:49	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/16/20 22:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/16/20 22:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/16/20 22:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/16/20 22:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.097	1		07/16/20 22:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/16/20 22:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/16/20 22:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 22:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 22:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/16/20 22:49	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/16/20 22:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/16/20 22:49	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/16/20 22:49	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/16/20 22:49	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/16/20 22:49	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/16/20 22:49	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/16/20 22:49	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/16/20 22:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/16/20 22:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/16/20 22:49	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/16/20 22:49	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/16/20 22:49	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.22	1		07/16/20 22:49	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/16/20 22:49	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.20	1		07/16/20 22:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/16/20 22:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/16/20 22:49	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 22:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/16/20 22:49	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071020-SM-006		Lab ID: 60342685006		Collected: 07/10/20 11:25		Received: 07/14/20 16:11		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	0.12	1		07/16/20 22:49	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.11	1		07/16/20 22:49	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/16/20 22:49	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	80-120		1		07/16/20 22:49	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	86-117		1		07/16/20 22:49	17060-07-0	
Toluene-d8 (S)	101	%	80-120		1		07/16/20 22:49	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/16/20 22:49		

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071020-NL-007		Lab ID: 60342685007		Collected: 07/10/20 11:50		Received: 07/14/20 16:11		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	3.3	1		07/16/20 23:03	67-64-1	
Benzene	ND	ug/L	1.0	0.079	1		07/16/20 23:03	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/16/20 23:03	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		07/16/20 23:03	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/16/20 23:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.70	1		07/16/20 23:03	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/16/20 23:03	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/16/20 23:03	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.13	1		07/16/20 23:03	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/16/20 23:03	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		07/16/20 23:03	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/16/20 23:03	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.079	1		07/16/20 23:03	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/16/20 23:03	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/16/20 23:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/16/20 23:03	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/16/20 23:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/16/20 23:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/16/20 23:03	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/16/20 23:03	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.097	1		07/16/20 23:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/16/20 23:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/16/20 23:03	75-35-4	
cis-1,2-Dichloroethene	14.4	ug/L	1.0	0.17	1		07/16/20 23:03	156-59-2	
trans-1,2-Dichloroethene	0.32J	ug/L	1.0	0.17	1		07/16/20 23:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/16/20 23:03	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/16/20 23:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/16/20 23:03	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/16/20 23:03	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/16/20 23:03	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/16/20 23:03	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/16/20 23:03	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/16/20 23:03	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/16/20 23:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/16/20 23:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/16/20 23:03	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/16/20 23:03	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/16/20 23:03	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.22	1		07/16/20 23:03	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/16/20 23:03	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.20	1		07/16/20 23:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/16/20 23:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/16/20 23:03	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 23:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/16/20 23:03	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071020-NL-007		Lab ID: 60342685007		Collected: 07/10/20 11:50		Received: 07/14/20 16:11		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	0.12	1		07/16/20 23:03	76-13-1	N2
Vinyl chloride	7.1	ug/L	1.0	0.11	1		07/16/20 23:03	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/16/20 23:03	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	80-120		1		07/16/20 23:03	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	86-117		1		07/16/20 23:03	17060-07-0	
Toluene-d8 (S)	97	%	80-120		1		07/16/20 23:03	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/16/20 23:03		

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071020-SM-008 **Lab ID: 60342685008** Collected: 07/10/20 12:05 Received: 07/14/20 16:11 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	3.3	1		07/16/20 23:17	67-64-1	
Benzene	ND	ug/L	1.0	0.079	1		07/16/20 23:17	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/16/20 23:17	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		07/16/20 23:17	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/16/20 23:17	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.70	1		07/16/20 23:17	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/16/20 23:17	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/16/20 23:17	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.13	1		07/16/20 23:17	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/16/20 23:17	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		07/16/20 23:17	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/16/20 23:17	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.079	1		07/16/20 23:17	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/16/20 23:17	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/16/20 23:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/16/20 23:17	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/16/20 23:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/16/20 23:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/16/20 23:17	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/16/20 23:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.097	1		07/16/20 23:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/16/20 23:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/16/20 23:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 23:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 23:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/16/20 23:17	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/16/20 23:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/16/20 23:17	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/16/20 23:17	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/16/20 23:17	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/16/20 23:17	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/16/20 23:17	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/16/20 23:17	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/16/20 23:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/16/20 23:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/16/20 23:17	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/16/20 23:17	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/16/20 23:17	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.22	1		07/16/20 23:17	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/16/20 23:17	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.20	1		07/16/20 23:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/16/20 23:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/16/20 23:17	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 23:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/16/20 23:17	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071020-SM-008		Lab ID: 60342685008		Collected: 07/10/20 12:05		Received: 07/14/20 16:11		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	0.12	1		07/16/20 23:17	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.11	1		07/16/20 23:17	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/16/20 23:17	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	80-120		1		07/16/20 23:17	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	86-117		1		07/16/20 23:17	17060-07-0	
Toluene-d8 (S)	101	%	80-120		1		07/16/20 23:17	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/16/20 23:17		

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071020-NL-009		Lab ID: 60342685009		Collected: 07/10/20 12:45		Received: 07/14/20 16:11		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	3.3	1		07/16/20 23:32	67-64-1	
Benzene	ND	ug/L	1.0	0.079	1		07/16/20 23:32	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/16/20 23:32	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		07/16/20 23:32	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/16/20 23:32	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.70	1		07/16/20 23:32	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/16/20 23:32	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/16/20 23:32	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.13	1		07/16/20 23:32	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/16/20 23:32	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		07/16/20 23:32	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/16/20 23:32	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.079	1		07/16/20 23:32	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/16/20 23:32	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/16/20 23:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/16/20 23:32	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/16/20 23:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/16/20 23:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/16/20 23:32	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/16/20 23:32	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.097	1		07/16/20 23:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/16/20 23:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/16/20 23:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 23:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 23:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/16/20 23:32	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/16/20 23:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/16/20 23:32	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/16/20 23:32	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/16/20 23:32	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/16/20 23:32	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/16/20 23:32	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/16/20 23:32	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/16/20 23:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/16/20 23:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/16/20 23:32	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/16/20 23:32	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/16/20 23:32	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.22	1		07/16/20 23:32	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/16/20 23:32	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.20	1		07/16/20 23:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/16/20 23:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/16/20 23:32	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 23:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/16/20 23:32	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071020-NL-009		Lab ID: 60342685009		Collected: 07/10/20 12:45		Received: 07/14/20 16:11		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	0.12	1		07/16/20 23:32	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.11	1		07/16/20 23:32	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/16/20 23:32	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	80-120		1		07/16/20 23:32	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	86-117		1		07/16/20 23:32	17060-07-0	
Toluene-d8 (S)	99	%	80-120		1		07/16/20 23:32	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/16/20 23:32		

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071020-SM-010 **Lab ID: 60342685010** Collected: 07/10/20 12:50 Received: 07/14/20 16:11 Matrix: Water

Parameters	Results	Units	Report	MDL	DF	Prepared	Analyzed	CAS No.	Qual
			Limit						
8260 MSV	Analytical Method: EPA 5030B/8260								
	Pace Analytical Services - Kansas City								
Acetone	ND	ug/L	10.0	3.3	1		07/16/20 23:46	67-64-1	
Benzene	ND	ug/L	1.0	0.079	1		07/16/20 23:46	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/16/20 23:46	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		07/16/20 23:46	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/16/20 23:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.70	1		07/16/20 23:46	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/16/20 23:46	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/16/20 23:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.13	1		07/16/20 23:46	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/16/20 23:46	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		07/16/20 23:46	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/16/20 23:46	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.079	1		07/16/20 23:46	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/16/20 23:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/16/20 23:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/16/20 23:46	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/16/20 23:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/16/20 23:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/16/20 23:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/16/20 23:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.097	1		07/16/20 23:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/16/20 23:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/16/20 23:46	75-35-4	
cis-1,2-Dichloroethene	2.7	ug/L	1.0	0.17	1		07/16/20 23:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 23:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/16/20 23:46	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/16/20 23:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/16/20 23:46	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/16/20 23:46	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/16/20 23:46	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/16/20 23:46	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/16/20 23:46	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/16/20 23:46	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/16/20 23:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/16/20 23:46	108-10-1	
Methyl-tert-butyl ether	0.28J	ug/L	1.0	0.16	1		07/16/20 23:46	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/16/20 23:46	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/16/20 23:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.22	1		07/16/20 23:46	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/16/20 23:46	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.20	1		07/16/20 23:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/16/20 23:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/16/20 23:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 23:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/16/20 23:46	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071020-SM-010		Lab ID: 60342685010		Collected: 07/10/20 12:50		Received: 07/14/20 16:11		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	0.12	1		07/16/20 23:46	76-13-1	N2
Vinyl chloride	0.19J	ug/L	1.0	0.11	1		07/16/20 23:46	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/16/20 23:46	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120		1		07/16/20 23:46	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	86-117		1		07/16/20 23:46	17060-07-0	
Toluene-d8 (S)	101	%	80-120		1		07/16/20 23:46	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/16/20 23:46		

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: **WG-071020-NL-011** Lab ID: **60342685011** Collected: 07/10/20 12:55 Received: 07/14/20 16:11 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	3.3	1		07/17/20 00:00	67-64-1	
Benzene	ND	ug/L	1.0	0.079	1		07/17/20 00:00	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/17/20 00:00	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		07/17/20 00:00	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/17/20 00:00	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.70	1		07/17/20 00:00	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/17/20 00:00	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/17/20 00:00	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.13	1		07/17/20 00:00	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/17/20 00:00	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		07/17/20 00:00	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/17/20 00:00	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.079	1		07/17/20 00:00	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/17/20 00:00	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/17/20 00:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/17/20 00:00	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/17/20 00:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/17/20 00:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/17/20 00:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/17/20 00:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.097	1		07/17/20 00:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/17/20 00:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/17/20 00:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/17/20 00:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/17/20 00:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/17/20 00:00	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/17/20 00:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/17/20 00:00	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/17/20 00:00	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/17/20 00:00	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/17/20 00:00	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/17/20 00:00	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/17/20 00:00	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/17/20 00:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/17/20 00:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/17/20 00:00	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/17/20 00:00	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/17/20 00:00	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.22	1		07/17/20 00:00	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/17/20 00:00	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.20	1		07/17/20 00:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/17/20 00:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/17/20 00:00	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.17	1		07/17/20 00:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/17/20 00:00	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071020-NL-011		Lab ID: 60342685011		Collected: 07/10/20 12:55		Received: 07/14/20 16:11		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	0.12	1		07/17/20 00:00	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.11	1		07/17/20 00:00	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/17/20 00:00	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	80-120		1		07/17/20 00:00	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	86-117		1		07/17/20 00:00	17060-07-0	
Toluene-d8 (S)	98	%	80-120		1		07/17/20 00:00	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/17/20 00:00		

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071020-SM-012 Lab ID: 60342685012 Collected: 07/10/20 15:00 Received: 07/14/20 16:11 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	3.3	1		07/17/20 00:14	67-64-1	
Benzene	ND	ug/L	1.0	0.079	1		07/17/20 00:14	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/17/20 00:14	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		07/17/20 00:14	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/17/20 00:14	74-83-9	
2-Butanone (MEK)	0.74J	ug/L	10.0	0.70	1		07/17/20 00:14	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/17/20 00:14	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/17/20 00:14	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.13	1		07/17/20 00:14	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/17/20 00:14	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		07/17/20 00:14	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/17/20 00:14	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.079	1		07/17/20 00:14	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/17/20 00:14	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/17/20 00:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/17/20 00:14	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/17/20 00:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/17/20 00:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/17/20 00:14	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/17/20 00:14	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.097	1		07/17/20 00:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/17/20 00:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/17/20 00:14	75-35-4	
cis-1,2-Dichloroethene	10.6	ug/L	1.0	0.17	1		07/17/20 00:14	156-59-2	
trans-1,2-Dichloroethene	1.3	ug/L	1.0	0.17	1		07/17/20 00:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/17/20 00:14	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/17/20 00:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/17/20 00:14	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/17/20 00:14	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/17/20 00:14	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/17/20 00:14	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/17/20 00:14	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/17/20 00:14	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/17/20 00:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/17/20 00:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/17/20 00:14	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/17/20 00:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/17/20 00:14	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.22	1		07/17/20 00:14	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/17/20 00:14	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.20	1		07/17/20 00:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/17/20 00:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/17/20 00:14	79-00-5	
Trichloroethene	0.64J	ug/L	1.0	0.17	1		07/17/20 00:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/17/20 00:14	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071020-SM-012		Lab ID: 60342685012		Collected: 07/10/20 15:00		Received: 07/14/20 16:11		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	0.55J	ug/L	1.0	0.12	1		07/17/20 00:14	76-13-1	N2
Vinyl chloride	1.4	ug/L	1.0	0.11	1		07/17/20 00:14	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/17/20 00:14	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	80-120		1		07/17/20 00:14	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	86-117		1		07/17/20 00:14	17060-07-0	
Toluene-d8 (S)	98	%	80-120		1		07/17/20 00:14	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/17/20 00:14		

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071020-NL-013 **Lab ID: 60342685013** Collected: 07/10/20 14:25 Received: 07/14/20 16:11 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	3.3	1		07/17/20 00:29	67-64-1	
Benzene	ND	ug/L	1.0	0.079	1		07/17/20 00:29	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/17/20 00:29	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		07/17/20 00:29	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/17/20 00:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.70	1		07/17/20 00:29	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/17/20 00:29	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/17/20 00:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.13	1		07/17/20 00:29	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/17/20 00:29	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		07/17/20 00:29	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/17/20 00:29	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.079	1		07/17/20 00:29	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/17/20 00:29	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/17/20 00:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/17/20 00:29	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/17/20 00:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/17/20 00:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/17/20 00:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/17/20 00:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.097	1		07/17/20 00:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/17/20 00:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/17/20 00:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/17/20 00:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/17/20 00:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/17/20 00:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/17/20 00:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/17/20 00:29	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/17/20 00:29	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/17/20 00:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/17/20 00:29	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/17/20 00:29	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/17/20 00:29	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/17/20 00:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/17/20 00:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/17/20 00:29	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/17/20 00:29	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/17/20 00:29	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.22	1		07/17/20 00:29	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/17/20 00:29	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.20	1		07/17/20 00:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/17/20 00:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/17/20 00:29	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.17	1		07/17/20 00:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/17/20 00:29	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071020-NL-013		Lab ID: 60342685013		Collected: 07/10/20 14:25		Received: 07/14/20 16:11		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	0.12	1		07/17/20 00:29	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.11	1		07/17/20 00:29	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/17/20 00:29	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120		1		07/17/20 00:29	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	86-117		1		07/17/20 00:29	17060-07-0	
Toluene-d8 (S)	98	%	80-120		1		07/17/20 00:29	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/17/20 00:29		

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071020-SM-014 **Lab ID: 60342685014** Collected: 07/10/20 16:15 Received: 07/14/20 16:11 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	3.3	1		07/17/20 00:43	67-64-1	
Benzene	ND	ug/L	1.0	0.079	1		07/17/20 00:43	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/17/20 00:43	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		07/17/20 00:43	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/17/20 00:43	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.70	1		07/17/20 00:43	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/17/20 00:43	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/17/20 00:43	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.13	1		07/17/20 00:43	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/17/20 00:43	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		07/17/20 00:43	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/17/20 00:43	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.079	1		07/17/20 00:43	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/17/20 00:43	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/17/20 00:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/17/20 00:43	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/17/20 00:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/17/20 00:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/17/20 00:43	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/17/20 00:43	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.097	1		07/17/20 00:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/17/20 00:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/17/20 00:43	75-35-4	
cis-1,2-Dichloroethene	6.2	ug/L	1.0	0.17	1		07/17/20 00:43	156-59-2	
trans-1,2-Dichloroethene	0.44J	ug/L	1.0	0.17	1		07/17/20 00:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/17/20 00:43	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/17/20 00:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/17/20 00:43	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/17/20 00:43	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/17/20 00:43	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/17/20 00:43	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/17/20 00:43	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/17/20 00:43	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/17/20 00:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/17/20 00:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/17/20 00:43	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/17/20 00:43	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/17/20 00:43	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.22	1		07/17/20 00:43	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/17/20 00:43	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.20	1		07/17/20 00:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/17/20 00:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/17/20 00:43	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.17	1		07/17/20 00:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/17/20 00:43	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071020-SM-014		Lab ID: 60342685014		Collected: 07/10/20 16:15		Received: 07/14/20 16:11		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	0.12	1		07/17/20 00:43	76-13-1	N2
Vinyl chloride	1.2	ug/L	1.0	0.11	1		07/17/20 00:43	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/17/20 00:43	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	80-120		1		07/17/20 00:43	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	86-117		1		07/17/20 00:43	17060-07-0	
Toluene-d8 (S)	99	%	80-120		1		07/17/20 00:43	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/17/20 00:43		

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: **WG-071320-NL-015** Lab ID: **60342685015** Collected: 07/13/20 15:30 Received: 07/14/20 16:11 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	3.3	1		07/16/20 12:09	67-64-1	
Benzene	ND	ug/L	1.0	0.079	1		07/16/20 12:09	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/16/20 12:09	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		07/16/20 12:09	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/16/20 12:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.70	1		07/16/20 12:09	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/16/20 12:09	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/16/20 12:09	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.13	1		07/16/20 12:09	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/16/20 12:09	75-00-3	
Chloroform	0.28J	ug/L	1.0	0.10	1		07/16/20 12:09	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/16/20 12:09	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.079	1		07/16/20 12:09	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/16/20 12:09	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/16/20 12:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/16/20 12:09	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/16/20 12:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/16/20 12:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/16/20 12:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/16/20 12:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.097	1		07/16/20 12:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/16/20 12:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/16/20 12:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 12:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 12:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/16/20 12:09	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/16/20 12:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/16/20 12:09	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/16/20 12:09	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/16/20 12:09	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/16/20 12:09	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/16/20 12:09	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/16/20 12:09	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/16/20 12:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/16/20 12:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/16/20 12:09	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/16/20 12:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/16/20 12:09	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.22	1		07/16/20 12:09	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/16/20 12:09	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.20	1		07/16/20 12:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/16/20 12:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/16/20 12:09	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 12:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/16/20 12:09	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071320-NL-015		Lab ID: 60342685015		Collected: 07/13/20 15:30		Received: 07/14/20 16:11		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	0.12	1		07/16/20 12:09	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.11	1		07/16/20 12:09	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/16/20 12:09	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120		1		07/16/20 12:09	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	86-117		1		07/16/20 12:09	17060-07-0	
Toluene-d8 (S)	100	%	80-120		1		07/16/20 12:09	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/16/20 12:09		

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071320-SM-016 Lab ID: 60342685016 Collected: 07/13/20 10:20 Received: 07/14/20 16:11 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	0.040	1	07/16/20 14:34	07/17/20 14:09		L1
MRH (C9-C18)	0.032J	mg/L	0.060	0.030	1	07/16/20 14:34	07/17/20 14:09		B
Surrogates									
1-Chloro-octadecane (S)	72	%	40-140		1	07/16/20 14:34	07/17/20 14:09	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		07/21/20 03:06		
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		07/21/20 03:06	460-00-4	
Preservation pH	1.0				1		07/21/20 03:06		
8270 MSSV PAH by SIM									
Analytical Method: EPA 8270C by SIM Preparation Method: EPA 3510C									
Pace Analytical Services - Kansas City									
Naphthalene	0.048J	ug/L	0.48	0.032	1	07/16/20 21:18	07/17/20 09:16	91-20-3	B
Surrogates									
2-Fluorobiphenyl (S)	74	%	40-99		1	07/16/20 21:18	07/17/20 09:16	321-60-8	
Terphenyl-d14 (S)	85	%	46-109		1	07/16/20 21:18	07/17/20 09:16	1718-51-0	
8260 MSV									
Analytical Method: EPA 5030B/8260									
Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	3.3	1		07/16/20 12:23	67-64-1	
Benzene	ND	ug/L	1.0	0.079	1		07/16/20 12:23	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/16/20 12:23	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		07/16/20 12:23	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/16/20 12:23	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.70	1		07/16/20 12:23	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/16/20 12:23	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/16/20 12:23	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.13	1		07/16/20 12:23	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/16/20 12:23	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		07/16/20 12:23	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/16/20 12:23	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.079	1		07/16/20 12:23	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/16/20 12:23	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/16/20 12:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/16/20 12:23	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/16/20 12:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/16/20 12:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/16/20 12:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/16/20 12:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.097	1		07/16/20 12:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/16/20 12:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/16/20 12:23	75-35-4	
cis-1,2-Dichloroethene	0.94J	ug/L	1.0	0.17	1		07/16/20 12:23	156-59-2	

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071320-SM-016		Lab ID: 60342685016		Collected: 07/13/20 10:20		Received: 07/14/20 16:11		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	0.17	1		07/16/20 12:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/16/20 12:23	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/16/20 12:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/16/20 12:23	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/16/20 12:23	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/16/20 12:23	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/16/20 12:23	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/16/20 12:23	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/16/20 12:23	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/16/20 12:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/16/20 12:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/16/20 12:23	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/16/20 12:23	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/16/20 12:23	79-34-5	
Tetrachloroethene	2.9	ug/L	1.0	0.22	1		07/16/20 12:23	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/16/20 12:23	108-88-3	
1,2,4-Trichlorobenzene	0.29J	ug/L	1.0	0.20	1		07/16/20 12:23	120-82-1	B
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/16/20 12:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/16/20 12:23	79-00-5	
Trichloroethene	0.34J	ug/L	1.0	0.17	1		07/16/20 12:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/16/20 12:23	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.12	1		07/16/20 12:23	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.11	1		07/16/20 12:23	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/16/20 12:23	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	80-120		1		07/16/20 12:23	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	86-117		1		07/16/20 12:23	17060-07-0	
Toluene-d8 (S)	102	%	80-120		1		07/16/20 12:23	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/16/20 12:23		

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: **WG-071320-NL-017** Lab ID: **60342685017** Collected: 07/13/20 17:00 Received: 07/14/20 16:11 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	3.3	1		07/16/20 12:37	67-64-1	
Benzene	ND	ug/L	1.0	0.079	1		07/16/20 12:37	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/16/20 12:37	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		07/16/20 12:37	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/16/20 12:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.70	1		07/16/20 12:37	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/16/20 12:37	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/16/20 12:37	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.13	1		07/16/20 12:37	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/16/20 12:37	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		07/16/20 12:37	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/16/20 12:37	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.079	1		07/16/20 12:37	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/16/20 12:37	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/16/20 12:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/16/20 12:37	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/16/20 12:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/16/20 12:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/16/20 12:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/16/20 12:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.097	1		07/16/20 12:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/16/20 12:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/16/20 12:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 12:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 12:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/16/20 12:37	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/16/20 12:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/16/20 12:37	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/16/20 12:37	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/16/20 12:37	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/16/20 12:37	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/16/20 12:37	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/16/20 12:37	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/16/20 12:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/16/20 12:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/16/20 12:37	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/16/20 12:37	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/16/20 12:37	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.22	1		07/16/20 12:37	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/16/20 12:37	108-88-3	
1,2,4-Trichlorobenzene	0.29J	ug/L	1.0	0.20	1		07/16/20 12:37	120-82-1	B
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/16/20 12:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/16/20 12:37	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 12:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/16/20 12:37	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071320-NL-017		Lab ID: 60342685017		Collected: 07/13/20 17:00		Received: 07/14/20 16:11		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	0.12	1		07/16/20 12:37	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.11	1		07/16/20 12:37	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/16/20 12:37	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	80-120		1		07/16/20 12:37	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	86-117		1		07/16/20 12:37	17060-07-0	
Toluene-d8 (S)	102	%	80-120		1		07/16/20 12:37	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/16/20 12:37		

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071320-SM-018 **Lab ID: 60342685018** Collected: 07/13/20 11:10 Received: 07/14/20 16:11 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	3.3	1		07/16/20 12:52	67-64-1	
Benzene	ND	ug/L	1.0	0.079	1		07/16/20 12:52	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/16/20 12:52	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		07/16/20 12:52	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/16/20 12:52	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.70	1		07/16/20 12:52	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/16/20 12:52	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/16/20 12:52	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.13	1		07/16/20 12:52	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/16/20 12:52	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		07/16/20 12:52	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/16/20 12:52	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.079	1		07/16/20 12:52	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/16/20 12:52	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/16/20 12:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/16/20 12:52	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/16/20 12:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/16/20 12:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/16/20 12:52	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/16/20 12:52	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.097	1		07/16/20 12:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/16/20 12:52	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/16/20 12:52	75-35-4	
cis-1,2-Dichloroethene	4.4	ug/L	1.0	0.17	1		07/16/20 12:52	156-59-2	
trans-1,2-Dichloroethene	0.35J	ug/L	1.0	0.17	1		07/16/20 12:52	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/16/20 12:52	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/16/20 12:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/16/20 12:52	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/16/20 12:52	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/16/20 12:52	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/16/20 12:52	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/16/20 12:52	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/16/20 12:52	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/16/20 12:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/16/20 12:52	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/16/20 12:52	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/16/20 12:52	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/16/20 12:52	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.22	1		07/16/20 12:52	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/16/20 12:52	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.20	1		07/16/20 12:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/16/20 12:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/16/20 12:52	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 12:52	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/16/20 12:52	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071320-SM-018		Lab ID: 60342685018		Collected: 07/13/20 11:10		Received: 07/14/20 16:11		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	0.12	1		07/16/20 12:52	76-13-1	N2
Vinyl chloride	0.29J	ug/L	1.0	0.11	1		07/16/20 12:52	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/16/20 12:52	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	80-120		1		07/16/20 12:52	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	86-117		1		07/16/20 12:52	17060-07-0	
Toluene-d8 (S)	99	%	80-120		1		07/16/20 12:52	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/16/20 12:52		

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: **WG-071320-NL-019** Lab ID: **60342685019** Collected: 07/13/20 18:25 Received: 07/14/20 16:11 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	3.3	1		07/16/20 13:06	67-64-1	
Benzene	ND	ug/L	1.0	0.079	1		07/16/20 13:06	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/16/20 13:06	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		07/16/20 13:06	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/16/20 13:06	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.70	1		07/16/20 13:06	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/16/20 13:06	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/16/20 13:06	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.13	1		07/16/20 13:06	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/16/20 13:06	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		07/16/20 13:06	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/16/20 13:06	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.079	1		07/16/20 13:06	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/16/20 13:06	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/16/20 13:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/16/20 13:06	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/16/20 13:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/16/20 13:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/16/20 13:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/16/20 13:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.097	1		07/16/20 13:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/16/20 13:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/16/20 13:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 13:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 13:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/16/20 13:06	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/16/20 13:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/16/20 13:06	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/16/20 13:06	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/16/20 13:06	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/16/20 13:06	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/16/20 13:06	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/16/20 13:06	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/16/20 13:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/16/20 13:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/16/20 13:06	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/16/20 13:06	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/16/20 13:06	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.22	1		07/16/20 13:06	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/16/20 13:06	108-88-3	
1,2,4-Trichlorobenzene	0.25J	ug/L	1.0	0.20	1		07/16/20 13:06	120-82-1	B
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/16/20 13:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/16/20 13:06	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 13:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/16/20 13:06	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071320-NL-019		Lab ID: 60342685019		Collected: 07/13/20 18:25		Received: 07/14/20 16:11		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	0.12	1		07/16/20 13:06	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.11	1		07/16/20 13:06	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/16/20 13:06	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120		1		07/16/20 13:06	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	86-117		1		07/16/20 13:06	17060-07-0	
Toluene-d8 (S)	100	%	80-120		1		07/16/20 13:06	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/16/20 13:06		

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071320-SM-020 Lab ID: 60342685020 Collected: 07/13/20 11:45 Received: 07/14/20 16:11 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	3.3	1		07/16/20 13:20	67-64-1	
Benzene	0.16J	ug/L	1.0	0.079	1		07/16/20 13:20	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/16/20 13:20	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		07/16/20 13:20	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/16/20 13:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.70	1		07/16/20 13:20	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/16/20 13:20	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/16/20 13:20	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.13	1		07/16/20 13:20	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/16/20 13:20	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		07/16/20 13:20	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/16/20 13:20	74-87-3	
Cyclohexane	0.52J	ug/L	1.0	0.079	1		07/16/20 13:20	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/16/20 13:20	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/16/20 13:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/16/20 13:20	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/16/20 13:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/16/20 13:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/16/20 13:20	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/16/20 13:20	75-71-8	
1,1-Dichloroethane	0.15J	ug/L	1.0	0.097	1		07/16/20 13:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/16/20 13:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/16/20 13:20	75-35-4	
cis-1,2-Dichloroethene	23.6	ug/L	1.0	0.17	1		07/16/20 13:20	156-59-2	
trans-1,2-Dichloroethene	2.0	ug/L	1.0	0.17	1		07/16/20 13:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/16/20 13:20	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/16/20 13:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/16/20 13:20	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/16/20 13:20	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/16/20 13:20	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/16/20 13:20	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/16/20 13:20	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/16/20 13:20	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/16/20 13:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/16/20 13:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/16/20 13:20	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/16/20 13:20	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/16/20 13:20	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.22	1		07/16/20 13:20	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/16/20 13:20	108-88-3	
1,2,4-Trichlorobenzene	0.25J	ug/L	1.0	0.20	1		07/16/20 13:20	120-82-1	B
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/16/20 13:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/16/20 13:20	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 13:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/16/20 13:20	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071320-SM-020		Lab ID: 60342685020		Collected: 07/13/20 11:45		Received: 07/14/20 16:11		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	0.12	1		07/16/20 13:20	76-13-1	N2
Vinyl chloride	11.5	ug/L	1.0	0.11	1		07/16/20 13:20	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/16/20 13:20	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	80-120		1		07/16/20 13:20	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	86-117		1		07/16/20 13:20	17060-07-0	
Toluene-d8 (S)	99	%	80-120		1		07/16/20 13:20	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/16/20 13:20		

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: **WG-071320-NL-021** Lab ID: **60342685021** Collected: 07/13/20 19:25 Received: 07/14/20 16:11 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	3.3	1		07/16/20 13:34	67-64-1	
Benzene	ND	ug/L	1.0	0.079	1		07/16/20 13:34	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/16/20 13:34	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		07/16/20 13:34	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/16/20 13:34	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.70	1		07/16/20 13:34	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/16/20 13:34	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/16/20 13:34	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.13	1		07/16/20 13:34	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/16/20 13:34	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		07/16/20 13:34	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/16/20 13:34	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.079	1		07/16/20 13:34	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/16/20 13:34	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/16/20 13:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/16/20 13:34	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/16/20 13:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/16/20 13:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/16/20 13:34	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/16/20 13:34	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.097	1		07/16/20 13:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/16/20 13:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/16/20 13:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 13:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 13:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/16/20 13:34	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/16/20 13:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/16/20 13:34	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/16/20 13:34	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/16/20 13:34	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/16/20 13:34	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/16/20 13:34	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/16/20 13:34	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/16/20 13:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/16/20 13:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/16/20 13:34	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/16/20 13:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/16/20 13:34	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.22	1		07/16/20 13:34	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/16/20 13:34	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.20	1		07/16/20 13:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/16/20 13:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/16/20 13:34	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 13:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/16/20 13:34	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071320-NL-021		Lab ID: 60342685021		Collected: 07/13/20 19:25		Received: 07/14/20 16:11		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	0.12	1		07/16/20 13:34	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.11	1		07/16/20 13:34	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/16/20 13:34	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	80-120		1		07/16/20 13:34	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	86-117		1		07/16/20 13:34	17060-07-0	
Toluene-d8 (S)	102	%	80-120		1		07/16/20 13:34	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/16/20 13:34		

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: **WG-071320-SM-022** Lab ID: **60342685022** Collected: 07/13/20 14:00 Received: 07/14/20 16:11 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	3.3	1		07/16/20 13:49	67-64-1	
Benzene	ND	ug/L	1.0	0.079	1		07/16/20 13:49	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/16/20 13:49	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		07/16/20 13:49	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/16/20 13:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.70	1		07/16/20 13:49	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/16/20 13:49	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/16/20 13:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.13	1		07/16/20 13:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/16/20 13:49	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		07/16/20 13:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/16/20 13:49	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.079	1		07/16/20 13:49	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/16/20 13:49	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/16/20 13:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/16/20 13:49	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/16/20 13:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/16/20 13:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/16/20 13:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/16/20 13:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.097	1		07/16/20 13:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/16/20 13:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/16/20 13:49	75-35-4	
cis-1,2-Dichloroethene	10.6	ug/L	1.0	0.17	1		07/16/20 13:49	156-59-2	
trans-1,2-Dichloroethene	0.85J	ug/L	1.0	0.17	1		07/16/20 13:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/16/20 13:49	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/16/20 13:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/16/20 13:49	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/16/20 13:49	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/16/20 13:49	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/16/20 13:49	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/16/20 13:49	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/16/20 13:49	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/16/20 13:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/16/20 13:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/16/20 13:49	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/16/20 13:49	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/16/20 13:49	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.22	1		07/16/20 13:49	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/16/20 13:49	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.20	1		07/16/20 13:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/16/20 13:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/16/20 13:49	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 13:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/16/20 13:49	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071320-SM-022		Lab ID: 60342685022		Collected: 07/13/20 14:00		Received: 07/14/20 16:11		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	0.12	1		07/16/20 13:49	76-13-1	N2
Vinyl chloride	0.22J	ug/L	1.0	0.11	1		07/16/20 13:49	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/16/20 13:49	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	80-120		1		07/16/20 13:49	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	86-117		1		07/16/20 13:49	17060-07-0	
Toluene-d8 (S)	100	%	80-120		1		07/16/20 13:49	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/16/20 13:49		

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071320-SM-024		Lab ID: 60342685023		Collected: 07/13/20 14:40		Received: 07/14/20 16:11		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	3.3	1		07/16/20 14:03	67-64-1	
Benzene	0.77J	ug/L	1.0	0.079	1		07/16/20 14:03	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/16/20 14:03	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		07/16/20 14:03	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/16/20 14:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.70	1		07/16/20 14:03	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/16/20 14:03	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/16/20 14:03	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.13	1		07/16/20 14:03	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/16/20 14:03	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		07/16/20 14:03	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/16/20 14:03	74-87-3	
Cyclohexane	0.18J	ug/L	1.0	0.079	1		07/16/20 14:03	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/16/20 14:03	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/16/20 14:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/16/20 14:03	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/16/20 14:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/16/20 14:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/16/20 14:03	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/16/20 14:03	75-71-8	
1,1-Dichloroethane	0.24J	ug/L	1.0	0.097	1		07/16/20 14:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/16/20 14:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/16/20 14:03	75-35-4	
cis-1,2-Dichloroethene	106	ug/L	1.0	0.17	1		07/16/20 14:03	156-59-2	
trans-1,2-Dichloroethene	4.2	ug/L	1.0	0.17	1		07/16/20 14:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/16/20 14:03	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/16/20 14:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/16/20 14:03	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/16/20 14:03	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/16/20 14:03	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/16/20 14:03	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/16/20 14:03	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/16/20 14:03	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/16/20 14:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/16/20 14:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/16/20 14:03	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/16/20 14:03	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/16/20 14:03	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.22	1		07/16/20 14:03	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/16/20 14:03	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.20	1		07/16/20 14:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/16/20 14:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/16/20 14:03	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 14:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/16/20 14:03	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071320-SM-024		Lab ID: 60342685023		Collected: 07/13/20 14:40		Received: 07/14/20 16:11		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	0.12	1		07/16/20 14:03	76-13-1	N2
Vinyl chloride	28.5	ug/L	1.0	0.11	1		07/16/20 14:03	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/16/20 14:03	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120		1		07/16/20 14:03	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	86-117		1		07/16/20 14:03	17060-07-0	
Toluene-d8 (S)	98	%	80-120		1		07/16/20 14:03	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/16/20 14:03		

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071320-SM-026 Lab ID: 60342685024 Collected: 07/13/20 15:30 Received: 07/14/20 16:11 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	0.041	1	07/16/20 14:34	07/17/20 14:17		L1
MRH (C9-C18)	0.044J	mg/L	0.061	0.031	1	07/16/20 14:34	07/17/20 14:17		B
Surrogates									
1-Chloro-octadecane (S)	63	%	40-140		1	07/16/20 14:34	07/17/20 14:17	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		07/21/20 08:12		
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		07/21/20 08:12	460-00-4	
Preservation pH	1.0				1		07/21/20 08:12		
8270 MSSV PAH by SIM									
Analytical Method: EPA 8270C by SIM Preparation Method: EPA 3510C									
Pace Analytical Services - Kansas City									
Naphthalene	0.087J	ug/L	0.53	0.036	1	07/16/20 21:18	07/17/20 09:32	91-20-3	B
Surrogates									
2-Fluorobiphenyl (S)	53	%	40-99		1	07/16/20 21:18	07/17/20 09:32	321-60-8	
Terphenyl-d14 (S)	64	%	46-109		1	07/16/20 21:18	07/17/20 09:32	1718-51-0	
8260 MSV									
Analytical Method: EPA 5030B/8260									
Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	3.3	1		07/16/20 14:17	67-64-1	
Benzene	ND	ug/L	1.0	0.079	1		07/16/20 14:17	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/16/20 14:17	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		07/16/20 14:17	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/16/20 14:17	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.70	1		07/16/20 14:17	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/16/20 14:17	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/16/20 14:17	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.13	1		07/16/20 14:17	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/16/20 14:17	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		07/16/20 14:17	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/16/20 14:17	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.079	1		07/16/20 14:17	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/16/20 14:17	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/16/20 14:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/16/20 14:17	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/16/20 14:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/16/20 14:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/16/20 14:17	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/16/20 14:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.097	1		07/16/20 14:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/16/20 14:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/16/20 14:17	75-35-4	
cis-1,2-Dichloroethene	0.32J	ug/L	1.0	0.17	1		07/16/20 14:17	156-59-2	

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071320-SM-026		Lab ID: 60342685024		Collected: 07/13/20 15:30		Received: 07/14/20 16:11		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	0.17	1		07/16/20 14:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/16/20 14:17	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/16/20 14:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/16/20 14:17	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/16/20 14:17	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/16/20 14:17	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/16/20 14:17	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/16/20 14:17	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/16/20 14:17	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/16/20 14:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/16/20 14:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/16/20 14:17	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/16/20 14:17	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/16/20 14:17	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.22	1		07/16/20 14:17	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/16/20 14:17	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.20	1		07/16/20 14:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/16/20 14:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/16/20 14:17	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 14:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/16/20 14:17	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.12	1		07/16/20 14:17	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.11	1		07/16/20 14:17	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/16/20 14:17	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	80-120		1		07/16/20 14:17	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	86-117		1		07/16/20 14:17	17060-07-0	
Toluene-d8 (S)	100	%	80-120		1		07/16/20 14:17	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/16/20 14:17		

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071320-SM-028 Lab ID: 60342685025 Collected: 07/13/20 15:40 Received: 07/14/20 16:11 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	0.040	1	07/16/20 14:34	07/17/20 14:25		L1
MRH (C9-C18)	0.043J	mg/L	0.060	0.030	1	07/16/20 14:34	07/17/20 14:25		B
Surrogates									
1-Chloro-octadecane (S)	65	%	40-140		1	07/16/20 14:34	07/17/20 14:25	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		07/21/20 08:27		
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		07/21/20 08:27	460-00-4	
Preservation pH	1.0				1		07/21/20 08:27		
8270 MSSV PAH by SIM									
Analytical Method: EPA 8270C by SIM Preparation Method: EPA 3510C									
Pace Analytical Services - Kansas City									
Naphthalene	0.057J	ug/L	0.50	0.034	1	07/16/20 21:18	07/17/20 09:48	91-20-3	B
Surrogates									
2-Fluorobiphenyl (S)	68	%	40-99		1	07/16/20 21:18	07/17/20 09:48	321-60-8	
Terphenyl-d14 (S)	71	%	46-109		1	07/16/20 21:18	07/17/20 09:48	1718-51-0	
8260 MSV									
Analytical Method: EPA 5030B/8260									
Pace Analytical Services - Kansas City									
Acetone	ND	ug/L	10.0	3.3	1		07/16/20 14:31	67-64-1	
Benzene	ND	ug/L	1.0	0.079	1		07/16/20 14:31	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/16/20 14:31	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		07/16/20 14:31	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/16/20 14:31	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.70	1		07/16/20 14:31	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/16/20 14:31	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/16/20 14:31	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.13	1		07/16/20 14:31	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/16/20 14:31	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		07/16/20 14:31	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/16/20 14:31	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.079	1		07/16/20 14:31	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/16/20 14:31	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/16/20 14:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/16/20 14:31	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/16/20 14:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/16/20 14:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/16/20 14:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/16/20 14:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.097	1		07/16/20 14:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/16/20 14:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/16/20 14:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 14:31	156-59-2	

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071320-SM-028		Lab ID: 60342685025		Collected: 07/13/20 15:40		Received: 07/14/20 16:11		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	0.17	1		07/16/20 14:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/16/20 14:31	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/16/20 14:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/16/20 14:31	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/16/20 14:31	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/16/20 14:31	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/16/20 14:31	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/16/20 14:31	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/16/20 14:31	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/16/20 14:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/16/20 14:31	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/16/20 14:31	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/16/20 14:31	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/16/20 14:31	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.22	1		07/16/20 14:31	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/16/20 14:31	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.20	1		07/16/20 14:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/16/20 14:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/16/20 14:31	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 14:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/16/20 14:31	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	0.12	1		07/16/20 14:31	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.11	1		07/16/20 14:31	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/16/20 14:31	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	80-120		1		07/16/20 14:31	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	86-117		1		07/16/20 14:31	17060-07-0	
Toluene-d8 (S)	99	%	80-120		1		07/16/20 14:31	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/16/20 14:31		

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: **WG-071420-SM-030** Lab ID: **60342685026** Collected: 07/14/20 11:00 Received: 07/14/20 16:11 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	3.3	1		07/16/20 14:46	67-64-1	
Benzene	ND	ug/L	1.0	0.079	1		07/16/20 14:46	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/16/20 14:46	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		07/16/20 14:46	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/16/20 14:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.70	1		07/16/20 14:46	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/16/20 14:46	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/16/20 14:46	56-23-5	
Chlorobenzene	0.19J	ug/L	1.0	0.13	1		07/16/20 14:46	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/16/20 14:46	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		07/16/20 14:46	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/16/20 14:46	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.079	1		07/16/20 14:46	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/16/20 14:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/16/20 14:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/16/20 14:46	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/16/20 14:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/16/20 14:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/16/20 14:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/16/20 14:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.097	1		07/16/20 14:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/16/20 14:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/16/20 14:46	75-35-4	
cis-1,2-Dichloroethene	0.23J	ug/L	1.0	0.17	1		07/16/20 14:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 14:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/16/20 14:46	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/16/20 14:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/16/20 14:46	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/16/20 14:46	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/16/20 14:46	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/16/20 14:46	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/16/20 14:46	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/16/20 14:46	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/16/20 14:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/16/20 14:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/16/20 14:46	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/16/20 14:46	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/16/20 14:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.22	1		07/16/20 14:46	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/16/20 14:46	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.20	1		07/16/20 14:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/16/20 14:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/16/20 14:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 14:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/16/20 14:46	75-69-4	

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071420-SM-030		Lab ID: 60342685026		Collected: 07/14/20 11:00		Received: 07/14/20 16:11		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	0.12	1		07/16/20 14:46	76-13-1	N2
Vinyl chloride	1.1	ug/L	1.0	0.11	1		07/16/20 14:46	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/16/20 14:46	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120		1		07/16/20 14:46	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	86-117		1		07/16/20 14:46	17060-07-0	
Toluene-d8 (S)	101	%	80-120		1		07/16/20 14:46	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/16/20 14:46		

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071420-SM-032 **Lab ID: 60342685027** Collected: 07/14/20 09:40 Received: 07/14/20 16:11 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	3.3	1		07/16/20 15:00	67-64-1	
Benzene	ND	ug/L	1.0	0.079	1		07/16/20 15:00	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/16/20 15:00	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		07/16/20 15:00	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/16/20 15:00	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.70	1		07/16/20 15:00	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/16/20 15:00	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/16/20 15:00	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.13	1		07/16/20 15:00	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/16/20 15:00	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		07/16/20 15:00	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/16/20 15:00	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.079	1		07/16/20 15:00	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/16/20 15:00	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/16/20 15:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/16/20 15:00	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/16/20 15:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/16/20 15:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/16/20 15:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/16/20 15:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.097	1		07/16/20 15:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/16/20 15:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/16/20 15:00	75-35-4	
cis-1,2-Dichloroethene	0.27J	ug/L	1.0	0.17	1		07/16/20 15:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 15:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/16/20 15:00	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/16/20 15:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/16/20 15:00	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/16/20 15:00	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/16/20 15:00	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/16/20 15:00	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/16/20 15:00	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/16/20 15:00	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/16/20 15:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/16/20 15:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/16/20 15:00	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/16/20 15:00	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/16/20 15:00	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.22	1		07/16/20 15:00	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/16/20 15:00	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.20	1		07/16/20 15:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/16/20 15:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/16/20 15:00	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 15:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/16/20 15:00	75-69-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071420-SM-032		Lab ID: 60342685027		Collected: 07/14/20 09:40		Received: 07/14/20 16:11		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	0.12	1		07/16/20 15:00	76-13-1	N2
Vinyl chloride	0.15J	ug/L	1.0	0.11	1		07/16/20 15:00	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/16/20 15:00	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	80-120		1		07/16/20 15:00	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	86-117		1		07/16/20 15:00	17060-07-0	
Toluene-d8 (S)	101	%	80-120		1		07/16/20 15:00	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/16/20 15:00		

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: **WG-071420-SM-034** Lab ID: **60342685028** Collected: 07/14/20 12:20 Received: 07/14/20 16:11 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	3.3	1		07/16/20 15:14	67-64-1	
Benzene	ND	ug/L	1.0	0.079	1		07/16/20 15:14	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.17	1		07/16/20 15:14	75-27-4	
Bromoform	ND	ug/L	1.0	0.21	1		07/16/20 15:14	75-25-2	
Bromomethane	ND	ug/L	5.0	0.32	1		07/16/20 15:14	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	0.70	1		07/16/20 15:14	78-93-3	
Carbon disulfide	ND	ug/L	5.0	0.16	1		07/16/20 15:14	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.084	1		07/16/20 15:14	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.13	1		07/16/20 15:14	108-90-7	
Chloroethane	ND	ug/L	1.0	0.42	1		07/16/20 15:14	75-00-3	
Chloroform	ND	ug/L	1.0	0.10	1		07/16/20 15:14	67-66-3	
Chloromethane	ND	ug/L	1.0	0.16	1		07/16/20 15:14	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.079	1		07/16/20 15:14	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.5	0.83	1		07/16/20 15:14	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.15	1		07/16/20 15:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.18	1		07/16/20 15:14	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.28	1		07/16/20 15:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.21	1		07/16/20 15:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.23	1		07/16/20 15:14	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.098	1		07/16/20 15:14	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.097	1		07/16/20 15:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.14	1		07/16/20 15:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.22	1		07/16/20 15:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 15:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.17	1		07/16/20 15:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.080	1		07/16/20 15:14	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.087	1		07/16/20 15:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.12	1		07/16/20 15:14	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.12	1		07/16/20 15:14	100-41-4	
2-Hexanone	ND	ug/L	10.0	1.0	1		07/16/20 15:14	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.20	1		07/16/20 15:14	98-82-8	
Methyl acetate	ND	ug/L	1.0	0.49	1		07/16/20 15:14	79-20-9	
Methylcyclohexane	ND	ug/L	1.0	0.10	1		07/16/20 15:14	108-87-2	
Methylene Chloride	ND	ug/L	1.0	0.27	1		07/16/20 15:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	0.56	1		07/16/20 15:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.16	1		07/16/20 15:14	1634-04-4	
Styrene	ND	ug/L	1.0	0.15	1		07/16/20 15:14	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		07/16/20 15:14	79-34-5	
Tetrachloroethene	11.3	ug/L	1.0	0.22	1		07/16/20 15:14	127-18-4	
Toluene	ND	ug/L	1.0	0.14	1		07/16/20 15:14	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.20	1		07/16/20 15:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.12	1		07/16/20 15:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.10	1		07/16/20 15:14	79-00-5	
Trichloroethene	0.23J	ug/L	1.0	0.17	1		07/16/20 15:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.13	1		07/16/20 15:14	75-69-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Sample: WG-071420-SM-034		Lab ID: 60342685028		Collected: 07/14/20 12:20		Received: 07/14/20 16:11		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	0.12	1		07/16/20 15:14	76-13-1	N2
Vinyl chloride	ND	ug/L	1.0	0.11	1		07/16/20 15:14	75-01-4	
Xylene (Total)	ND	ug/L	3.0	0.34	1		07/16/20 15:14	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	80-120		1		07/16/20 15:14	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	86-117		1		07/16/20 15:14	17060-07-0	
Toluene-d8 (S)	99	%	80-120		1		07/16/20 15:14	2037-26-5	
Preservation pH	1.0		0.10	0.10	1		07/16/20 15:14		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

QC Batch:	666224	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: 60342685016, 60342685024, 60342685025

METHOD BLANK: 2699185 Matrix: Water

Associated Lab Samples: 60342685016, 60342685024, 60342685025

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
LRH (C5-C8)	mg/L	ND	0.050	0.011	07/21/20 01:20	
4-Bromofluorobenzene (S)	%	95	70-130		07/21/20 01:20	

LABORATORY CONTROL SAMPLE & LCSD: 2699186

Parameter	Units	2699187								Qualifiers
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	
LRH (C5-C8)	mg/L	0.4	0.34	0.37	85	92	70-130	8	25	
4-Bromofluorobenzene (S)	%				95	94	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

QC Batch:	665702	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:	60342685001, 60342685002, 60342685003, 60342685004, 60342685005, 60342685006, 60342685007, 60342685008, 60342685009, 60342685010, 60342685011, 60342685012, 60342685013, 60342685014		

METHOD BLANK: 2696925

Matrix: Water

Associated Lab Samples: 60342685001, 60342685002, 60342685003, 60342685004, 60342685005, 60342685006, 60342685007, 60342685008, 60342685009, 60342685010, 60342685011, 60342685012, 60342685013, 60342685014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	0.12	07/16/20 19:59	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.31	07/16/20 19:59	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.10	07/16/20 19:59	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	0.12	07/16/20 19:59	N2
1,1-Dichloroethane	ug/L	ND	1.0	0.097	07/16/20 19:59	
1,1-Dichloroethene	ug/L	ND	1.0	0.22	07/16/20 19:59	
1,2,4-Trichlorobenzene	ug/L	0.44J	1.0	0.20	07/16/20 19:59	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	0.83	07/16/20 19:59	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.18	07/16/20 19:59	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.28	07/16/20 19:59	
1,2-Dichloroethane	ug/L	ND	1.0	0.14	07/16/20 19:59	
1,2-Dichloropropane	ug/L	ND	1.0	0.080	07/16/20 19:59	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.21	07/16/20 19:59	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.23	07/16/20 19:59	
2-Butanone (MEK)	ug/L	ND	10.0	0.70	07/16/20 19:59	
2-Hexanone	ug/L	ND	10.0	1.0	07/16/20 19:59	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	0.56	07/16/20 19:59	
Acetone	ug/L	ND	10.0	3.3	07/16/20 19:59	
Benzene	ug/L	ND	1.0	0.079	07/16/20 19:59	
Bromodichloromethane	ug/L	ND	1.0	0.17	07/16/20 19:59	
Bromoform	ug/L	ND	1.0	0.21	07/16/20 19:59	
Bromomethane	ug/L	ND	5.0	0.32	07/16/20 19:59	
Carbon disulfide	ug/L	ND	5.0	0.16	07/16/20 19:59	
Carbon tetrachloride	ug/L	ND	1.0	0.084	07/16/20 19:59	
Chlorobenzene	ug/L	ND	1.0	0.13	07/16/20 19:59	
Chloroethane	ug/L	ND	1.0	0.42	07/16/20 19:59	
Chloroform	ug/L	ND	1.0	0.10	07/16/20 19:59	
Chloromethane	ug/L	ND	1.0	0.16	07/16/20 19:59	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.17	07/16/20 19:59	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.087	07/16/20 19:59	
Cyclohexane	ug/L	ND	1.0	0.079	07/16/20 19:59	
Dibromochloromethane	ug/L	ND	1.0	0.15	07/16/20 19:59	
Dichlorodifluoromethane	ug/L	ND	1.0	0.098	07/16/20 19:59	
Ethylbenzene	ug/L	ND	1.0	0.12	07/16/20 19:59	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	0.20	07/16/20 19:59	
Methyl acetate	ug/L	ND	1.0	0.49	07/16/20 19:59	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.16	07/16/20 19:59	
Methylcyclohexane	ug/L	ND	1.0	0.10	07/16/20 19:59	
Methylene Chloride	ug/L	ND	1.0	0.27	07/16/20 19:59	

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QUALITY CONTROL DATA

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

METHOD BLANK: 2696925

Matrix: Water

Associated Lab Samples: 60342685001, 60342685002, 60342685003, 60342685004, 60342685005, 60342685006, 60342685007, 60342685008, 60342685009, 60342685010, 60342685011, 60342685012, 60342685013, 60342685014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Styrene	ug/L	ND	1.0	0.15	07/16/20 19:59	
Tetrachloroethene	ug/L	ND	1.0	0.22	07/16/20 19:59	
Toluene	ug/L	ND	1.0	0.14	07/16/20 19:59	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.17	07/16/20 19:59	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.12	07/16/20 19:59	
Trichloroethene	ug/L	ND	1.0	0.17	07/16/20 19:59	
Trichlorofluoromethane	ug/L	ND	1.0	0.13	07/16/20 19:59	
Vinyl chloride	ug/L	ND	1.0	0.11	07/16/20 19:59	
Xylene (Total)	ug/L	ND	3.0	0.34	07/16/20 19:59	
1,2-Dichloroethane-d4 (S)	%	99	86-117		07/16/20 19:59	
4-Bromofluorobenzene (S)	%	97	80-120		07/16/20 19:59	
Toluene-d8 (S)	%	100	80-120		07/16/20 19:59	

LABORATORY CONTROL SAMPLE: 2696926

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	20.3	101	85-118	
1,1,2,2-Tetrachloroethane	ug/L	20	17.8	89	78-118	
1,1,2-Trichloroethane	ug/L	20	19.6	98	82-117	
1,1,2-Trichlorotrifluoroethane	ug/L	20	22.7	113	70-132	N2
1,1-Dichloroethane	ug/L	20	21.2	106	85-120	
1,1-Dichloroethene	ug/L	20	20.1	101	81-124	
1,2,4-Trichlorobenzene	ug/L	20	17.4	87	77-117	
1,2-Dibromo-3-chloropropane	ug/L	20	19.3	96	68-125	
1,2-Dibromoethane (EDB)	ug/L	20	19.9	99	83-120	
1,2-Dichlorobenzene	ug/L	20	20.1	101	80-120	
1,2-Dichloroethane	ug/L	20	20.2	101	79-118	
1,2-Dichloropropane	ug/L	20	20.7	104	85-117	
1,3-Dichlorobenzene	ug/L	20	19.8	99	80-120	
1,4-Dichlorobenzene	ug/L	20	19.3	96	84-115	
2-Butanone (MEK)	ug/L	100	104	104	70-125	
2-Hexanone	ug/L	100	97.7	98	76-126	
4-Methyl-2-pentanone (MIBK)	ug/L	100	101	101	73-131	
Acetone	ug/L	100	107	107	59-135	
Benzene	ug/L	20	20.3	101	82-115	
Bromodichloromethane	ug/L	20	20.8	104	82-123	
Bromoform	ug/L	20	17.3	87	66-133	
Bromomethane	ug/L	20	24.8	124	27-179	
Carbon disulfide	ug/L	20	24.2	121	72-134	
Carbon tetrachloride	ug/L	20	20.9	105	80-121	
Chlorobenzene	ug/L	20	20.1	101	80-120	
Chloroethane	ug/L	20	19.4	97	78-145	
Chloroform	ug/L	20	20.1	101	84-116	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

LABORATORY CONTROL SAMPLE: 2696926

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloromethane	ug/L	20	19.3	97	48-160	
cis-1,2-Dichloroethene	ug/L	20	20.5	103	85-115	
cis-1,3-Dichloropropene	ug/L	20	20.8	104	85-117	
Cyclohexane	ug/L	20	22.4	112	78-124	
Dibromochloromethane	ug/L	20	20.7	103	82-122	
Dichlorodifluoromethane	ug/L	20	13.3	67	50-173	
Ethylbenzene	ug/L	20	19.1	95	79-115	
Isopropylbenzene (Cumene)	ug/L	20	19.5	98	84-117	
Methyl acetate	ug/L	20	18.9	95	64-130	
Methyl-tert-butyl ether	ug/L	20	21.1	106	77-126	
Methylcyclohexane	ug/L	20	21.4	107	79-125	
Methylene Chloride	ug/L	20	20.6	103	80-126	
Styrene	ug/L	20	20.8	104	80-117	
Tetrachloroethene	ug/L	20	20.3	101	83-119	
Toluene	ug/L	20	20.0	100	83-115	
trans-1,2-Dichloroethene	ug/L	20	21.1	105	80-124	
trans-1,3-Dichloropropene	ug/L	20	20.4	102	83-117	
Trichloroethene	ug/L	20	22.4	112	80-118	
Trichlorofluoromethane	ug/L	20	22.2	111	83-133	
Vinyl chloride	ug/L	20	18.7	94	76-144	
Xylene (Total)	ug/L	60	60.6	101	82-120	
1,2-Dichloroethane-d4 (S)	%			103	86-117	
4-Bromofluorobenzene (S)	%			99	80-120	
Toluene-d8 (S)	%			99	80-120	

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QUALITY CONTROL DATA

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

QC Batch:	665783	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:	60342685015, 60342685016, 60342685017, 60342685018, 60342685019, 60342685020, 60342685021, 60342685022, 60342685023, 60342685024, 60342685025, 60342685026, 60342685027, 60342685028		

METHOD BLANK: 2697184

Matrix: Water

Associated Lab Samples: 60342685015, 60342685016, 60342685017, 60342685018, 60342685019, 60342685020, 60342685021, 60342685022, 60342685023, 60342685024, 60342685025, 60342685026, 60342685027, 60342685028

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	0.12	07/16/20 10:29	N2
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.31	07/16/20 10:29	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.10	07/16/20 10:29	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	0.12	07/16/20 10:29	
1,1-Dichloroethane	ug/L	ND	1.0	0.097	07/16/20 10:29	
1,1-Dichloroethene	ug/L	ND	1.0	0.22	07/16/20 10:29	
1,2,4-Trichlorobenzene	ug/L	0.45J	1.0	0.20	07/16/20 10:29	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.5	0.83	07/16/20 10:29	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	0.18	07/16/20 10:29	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.28	07/16/20 10:29	
1,2-Dichloroethane	ug/L	ND	1.0	0.14	07/16/20 10:29	
1,2-Dichloropropane	ug/L	ND	1.0	0.080	07/16/20 10:29	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.21	07/16/20 10:29	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.23	07/16/20 10:29	
2-Butanone (MEK)	ug/L	ND	10.0	0.70	07/16/20 10:29	
2-Hexanone	ug/L	ND	10.0	1.0	07/16/20 10:29	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	0.56	07/16/20 10:29	
Acetone	ug/L	ND	10.0	3.3	07/16/20 10:29	
Benzene	ug/L	ND	1.0	0.079	07/16/20 10:29	
Bromodichloromethane	ug/L	ND	1.0	0.17	07/16/20 10:29	
Bromoform	ug/L	ND	1.0	0.21	07/16/20 10:29	
Bromomethane	ug/L	ND	5.0	0.32	07/16/20 10:29	
Carbon disulfide	ug/L	0.19J	5.0	0.16	07/16/20 10:29	
Carbon tetrachloride	ug/L	ND	1.0	0.084	07/16/20 10:29	
Chlorobenzene	ug/L	ND	1.0	0.13	07/16/20 10:29	
Chloroethane	ug/L	ND	1.0	0.42	07/16/20 10:29	
Chloroform	ug/L	ND	1.0	0.10	07/16/20 10:29	
Chloromethane	ug/L	ND	1.0	0.16	07/16/20 10:29	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.17	07/16/20 10:29	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.087	07/16/20 10:29	
Cyclohexane	ug/L	ND	1.0	0.079	07/16/20 10:29	
Dibromochloromethane	ug/L	ND	1.0	0.15	07/16/20 10:29	
Dichlorodifluoromethane	ug/L	ND	1.0	0.098	07/16/20 10:29	
Ethylbenzene	ug/L	ND	1.0	0.12	07/16/20 10:29	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	0.20	07/16/20 10:29	
Methyl acetate	ug/L	ND	1.0	0.49	07/16/20 10:29	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.16	07/16/20 10:29	
Methylcyclohexane	ug/L	ND	1.0	0.10	07/16/20 10:29	
Methylene Chloride	ug/L	ND	1.0	0.27	07/16/20 10:29	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

METHOD BLANK: 2697184

Matrix: Water

Associated Lab Samples: 60342685015, 60342685016, 60342685017, 60342685018, 60342685019, 60342685020, 60342685021, 60342685022, 60342685023, 60342685024, 60342685025, 60342685026, 60342685027, 60342685028

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Styrene	ug/L	ND	1.0	0.15	07/16/20 10:29	
Tetrachloroethene	ug/L	ND	1.0	0.22	07/16/20 10:29	
Toluene	ug/L	ND	1.0	0.14	07/16/20 10:29	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.17	07/16/20 10:29	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.12	07/16/20 10:29	
Trichloroethene	ug/L	ND	1.0	0.17	07/16/20 10:29	
Trichlorofluoromethane	ug/L	ND	1.0	0.13	07/16/20 10:29	
Vinyl chloride	ug/L	ND	1.0	0.11	07/16/20 10:29	
Xylene (Total)	ug/L	ND	3.0	0.34	07/16/20 10:29	
1,2-Dichloroethane-d4 (S)	%	99	86-117		07/16/20 10:29	
4-Bromofluorobenzene (S)	%	97	80-120		07/16/20 10:29	
Toluene-d8 (S)	%	101	80-120		07/16/20 10:29	

LABORATORY CONTROL SAMPLE: 2697185

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	19.7	98	85-118	
1,1,2,2-Tetrachloroethane	ug/L	20	17.9	90	78-118	
1,1,2-Trichloroethane	ug/L	20	19.7	98	82-117	
1,1,2-Trichlorotrifluoroethane	ug/L	20	21.9	110	70-132 N2	
1,1-Dichloroethane	ug/L	20	20.8	104	85-120	
1,1-Dichloroethene	ug/L	20	19.6	98	81-124	
1,2,4-Trichlorobenzene	ug/L	20	16.9	84	77-117	
1,2-Dibromo-3-chloropropane	ug/L	20	19.7	99	68-125	
1,2-Dibromoethane (EDB)	ug/L	20	20.8	104	83-120	
1,2-Dichlorobenzene	ug/L	20	19.2	96	80-120	
1,2-Dichloroethane	ug/L	20	19.2	96	79-118	
1,2-Dichloropropane	ug/L	20	20.7	104	85-117	
1,3-Dichlorobenzene	ug/L	20	19.3	96	80-120	
1,4-Dichlorobenzene	ug/L	20	18.4	92	84-115	
2-Butanone (MEK)	ug/L	100	101	101	70-125	
2-Hexanone	ug/L	100	96.9	97	76-126	
4-Methyl-2-pentanone (MIBK)	ug/L	100	105	105	73-131	
Acetone	ug/L	100	100	100	59-135	
Benzene	ug/L	20	20.0	100	82-115	
Bromodichloromethane	ug/L	20	20.7	103	82-123	
Bromoform	ug/L	20	18.3	91	66-133	
Bromomethane	ug/L	20	24.5	122	27-179	
Carbon disulfide	ug/L	20	23.8	119	72-134	
Carbon tetrachloride	ug/L	20	20.2	101	80-121	
Chlorobenzene	ug/L	20	20.4	102	80-120	
Chloroethane	ug/L	20	19.2	96	78-145	
Chloroform	ug/L	20	19.5	97	84-116	

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QUALITY CONTROL DATA

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

LABORATORY CONTROL SAMPLE: 2697185

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloromethane	ug/L	20	14.2	71	48-160	
cis-1,2-Dichloroethene	ug/L	20	20.0	100	85-115	
cis-1,3-Dichloropropene	ug/L	20	20.4	102	85-117	
Cyclohexane	ug/L	20	22.1	110	78-124	
Dibromochloromethane	ug/L	20	20.7	104	82-122	
Dichlorodifluoromethane	ug/L	20	13.0	65	50-173	
Ethylbenzene	ug/L	20	19.6	98	79-115	
Isopropylbenzene (Cumene)	ug/L	20	19.6	98	84-117	
Methyl acetate	ug/L	20	18.7	94	64-130	
Methyl-tert-butyl ether	ug/L	20	21.2	106	77-126	
Methylcyclohexane	ug/L	20	20.7	104	79-125	
Methylene Chloride	ug/L	20	19.9	100	80-126	
Styrene	ug/L	20	21.0	105	80-117	
Tetrachloroethene	ug/L	20	20.3	101	83-119	
Toluene	ug/L	20	20.0	100	83-115	
trans-1,2-Dichloroethene	ug/L	20	20.2	101	80-124	
trans-1,3-Dichloropropene	ug/L	20	21.2	106	83-117	
Trichloroethene	ug/L	20	20.8	104	80-118	
Trichlorofluoromethane	ug/L	20	20.7	104	83-133	
Vinyl chloride	ug/L	20	18.3	91	76-144	
Xylene (Total)	ug/L	60	60.4	101	82-120	
1,2-Dichloroethane-d4 (S)	%			102	86-117	
4-Bromofluorobenzene (S)	%			95	80-120	
Toluene-d8 (S)	%			101	80-120	

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QUALITY CONTROL DATA

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

QC Batch:	665890	Analysis Method:	EPA 8015C
QC Batch Method:	EPA 3511	Analysis Description:	EPA 8015C
		Laboratory:	Pace Analytical Services - Kansas City

Associated Lab Samples: 60342685016, 60342685024, 60342685025

METHOD BLANK: 2697555 Matrix: Water

Associated Lab Samples: 60342685016, 60342685024, 60342685025

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
HRH (C19-C35)	mg/L	0.065J	0.20	0.041	07/17/20 15:17	
MRH (C9-C18)	mg/L	0.042J	0.061	0.030	07/17/20 15:17	
1-Chloro-octadecane (S)	%	92	40-140		07/17/20 15:17	

LABORATORY CONTROL SAMPLE & LCSD: 2697556

		2697557								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
HRH (C19-C35)	mg/L	0.24	0.39	0.27	164	117	40-140	35	30	1e,R1
MRH (C9-C18)	mg/L	0.18	0.22	0.20	124	115	40-140	9	30	
1-Chloro-octadecane (S)	%				131	92	40-140			

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QUALITY CONTROL DATA

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

QC Batch:	665889	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: 60342685016, 60342685024, 60342685025

METHOD BLANK: 2697553 Matrix: Water

Associated Lab Samples: 60342685016, 60342685024, 60342685025

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Naphthalene	ug/L	0.11J	0.50	0.034	07/17/20 08:45	
2-Fluorobiphenyl (S)	%	79	40-99		07/17/20 08:45	
Terphenyl-d14 (S)	%	81	46-109		07/17/20 08:45	

LABORATORY CONTROL SAMPLE: 2697554

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	10	6.8	68	42-103	
2-Fluorobiphenyl (S)	%			74	40-99	
Terphenyl-d14 (S)	%			74	46-109	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

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.

BATCH QUALIFIERS

Batch: 665702

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

Batch: 665783

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

ANALYTE QUALIFIERS

1e Analyte recovery in the laboratory control sample (LCS) was above QC limits, confirmed by re-analysis. Results for this analyte in associated samples may be biased high.

B Analyte was detected in the associated method blank.

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

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.

R1 RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 012559A GM RACER FAIRFAX

Pace Project No.: 60342685

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60342685016	WG-071320-SM-016	EPA 3511	665890	EPA 8015C	666078
60342685024	WG-071320-SM-026	EPA 3511	665890	EPA 8015C	666078
60342685025	WG-071320-SM-028	EPA 3511	665890	EPA 8015C	666078
60342685016	WG-071320-SM-016	KS LRH: EPA 5030B/8015C	666224		
60342685024	WG-071320-SM-026	KS LRH: EPA 5030B/8015C	666224		
60342685025	WG-071320-SM-028	KS LRH: EPA 5030B/8015C	666224		
60342685016	WG-071320-SM-016	EPA 3510C	665889	EPA 8270C by SIM	666013
60342685024	WG-071320-SM-026	EPA 3510C	665889	EPA 8270C by SIM	666013
60342685025	WG-071320-SM-028	EPA 3510C	665889	EPA 8270C by SIM	666013
60342685001	WG-070920-NL-001	EPA 5030B/8260	665702		
60342685002	WG-070920-SM-002	EPA 5030B/8260	665702		
60342685003	WG-070920-NL-003	EPA 5030B/8260	665702		
60342685004	WG-070920-SM-004	EPA 5030B/8260	665702		
60342685005	WG-071020-NL-005	EPA 5030B/8260	665702		
60342685006	WG-071020-SM-006	EPA 5030B/8260	665702		
60342685007	WG-071020-NL-007	EPA 5030B/8260	665702		
60342685008	WG-071020-SM-008	EPA 5030B/8260	665702		
60342685009	WG-071020-NL-009	EPA 5030B/8260	665702		
60342685010	WG-071020-SM-010	EPA 5030B/8260	665702		
60342685011	WG-071020-NL-011	EPA 5030B/8260	665702		
60342685012	WG-071020-SM-012	EPA 5030B/8260	665702		
60342685013	WG-071020-NL-013	EPA 5030B/8260	665702		
60342685014	WG-071020-SM-014	EPA 5030B/8260	665702		
60342685015	WG-071320-NL-015	EPA 5030B/8260	665783		
60342685016	WG-071320-SM-016	EPA 5030B/8260	665783		
60342685017	WG-071320-NL-017	EPA 5030B/8260	665783		
60342685018	WG-071320-SM-018	EPA 5030B/8260	665783		
60342685019	WG-071320-NL-019	EPA 5030B/8260	665783		
60342685020	WG-071320-SM-020	EPA 5030B/8260	665783		
60342685021	WG-071320-NL-021	EPA 5030B/8260	665783		
60342685022	WG-071320-SM-022	EPA 5030B/8260	665783		
60342685023	WG-071320-SM-024	EPA 5030B/8260	665783		
60342685024	WG-071320-SM-026	EPA 5030B/8260	665783		
60342685025	WG-071320-SM-028	EPA 5030B/8260	665783		
60342685026	WG-071420-SM-030	EPA 5030B/8260	665783		
60342685027	WG-071420-SM-032	EPA 5030B/8260	665783		
60342685028	WG-071420-SM-034	EPA 5030B/8260	665783		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt
ESI Tech Spec Client

WO#: 60342685



Client Name: CHD - Polo 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 ☒ ROLL

Thermometer Used: T298 3.3 Type of Ice: Wet Blue None

Cooler Temperature (°C): As-read T298 Corr. Factor -0.5 Corrected 2.8

Date and initials of person
examining contents: 07/15/2014

Temperature should be above freezing to 6°C

Chain of Custody present:	☒ Yes ☐ No ☐ N/A	
Chain of Custody relinquished:	☒ Yes ☐ No ☐ N/A	
Samples arrived within holding time:	☒ Yes ☐ No ☐ N/A	
Short Hold Time analyses (<72hr):	☐ Yes ☒ No ☐ N/A	
Rush Turn Around Time requested:	☐ Yes ☒ No ☐ N/A	
Sufficient volume:	☒ Yes ☐ No ☐ N/A	
Correct containers used:	☒ Yes ☐ No ☐ N/A	
Pace containers used:	☒ Yes ☐ No ☐ N/A	
Containers intact:	☒ Yes ☐ No ☐ N/A	
Unpreserved 5035A / TX1005/1006 soils frozen in 48hrs?	☐ Yes ☐ No ☒ N/A	
Filtered volume received for dissolved tests?	☐ Yes ☐ No ☒ N/A	
Sample labels match COC: Date / time / ID / analyses	☒ Yes ☐ No ☐ N/A	
Samples contain multiple phases? Matrix: <u>ut</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: <u>1522</u>	Start:
End: <u>1531</u>	End:
Temp: <u>2.8</u>	Temp:



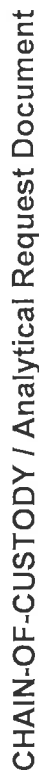
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 3[illegible][illegible]

Pace Analytical

Page: 2 of 2

[illegible]Page 75 of 76



CHAIN-OF-CUSTODY / Analytical Request Document

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

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Appendix C

Reduced Data Validation Memo



Memorandum

July 31, 2020

To: Travis Kogl

Ref. No.: 012559A

A handwritten signature in black ink, appearing to read "TK", is written over the line separating the "To:" field from the "From:" field.

From: Angela Bown/cs/11-NF

Tel: 513-285-1102

CC: Nick Laskares

**Subject: Analytical Results and Reduced Validation
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2020**

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 2020. 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 forms, finished report forms, method blank data, recovery data from surrogate spikes, laboratory control samples (LCS), 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 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.

Low-levels of target analytes were detected in some method blanks. Table 4 presents the sample results that were qualified as non-detect due to analyte concentrations in the method blanks.

The remaining method blank results were non-detect.

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.

High LCS recoveries and RPDs do not impact non-detect sample results.

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/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. Field QA/QC Samples

The field QA/QC consisted of two field duplicate sample sets.

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 for water samples.

All field duplicate results were within acceptable agreement, demonstrating acceptable sampling and analytical precision.

7. 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 qualified 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.

8. Conclusion

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

Table 1

Sample Collection and Analysis Summary
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2020

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-070920-NL-001	MW-206A	Water	07/09/2020	12:10	X				
WG-070920-SM-002	MW-204	Water	07/09/2020	14:55	X				
WG-070920-NL-003	MW-206B	Water	07/09/2020	13:30	X				
WG-070920-SM-004	MW-205A	Water	07/09/2020	15:50	X				
WG-071020-NL-005	MW-1C	Water	07/10/2020	10:55	X				
WG-071020-SM-006	MW-208A	Water	07/10/2020	11:25	X				
WG-071020-NL-007	MW-1B	Water	07/10/2020	11:50	X				
WG-071020-SM-008	MW-208B	Water	07/10/2020	12:05	X				
WG-071020-NL-009	MW-1A	Water	07/10/2020	12:45	X				
WG-071020-SM-010	MW-208C	Water	07/10/2020	12:50	X				
WG-071020-NL-011	MW-1A	Water	07/10/2020	12:55	X				FD(WG-071020-NL-009)
WG-071020-SM-012	MW-204B	Water	07/10/2020	15:00	X				
WG-071020-NL-013	MW-206C	Water	07/10/2020	14:25	X				
WG-071020-SM-014	MW-205B	Water	07/10/2020	16:15	X				
WG-071320-NL-015	MW-203	Water	07/13/2020	15:30	X				
WG-071320-SM-016	MW-207A	Water	07/13/2020	10:20	X	X	X	X	
WG-071320-NL-017	MW-200	Water	07/13/2020	17:00	X				
WG-071320-SM-018	MW-207C	Water	07/13/2020	11:10	X				
WG-071320-NL-019	MW-201	Water	07/13/2020	18:25	X				

Table 1

Sample Collection and Analysis Summary
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2020

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-071320-SM-020	MW-207B	Water	07/13/2020	11:45	X				
WG-071320-NL-021	MW-202	Water	07/13/2020	19:25	X				
WG-071320-SM-022	MW-146C	Water	07/13/2020	14:00	X				
WG-071320-SM-024	MW-146B	Water	07/13/2020	14:40	X				
WG-071320-SM-026	TMW-146	Water	07/13/2020	15:30	X	X	X	X	
WG-071320-SM-028	TMW-146	Water	07/13/2020	15:40	X	X	X	X	FD(WG-071320-SM-026)
WG-071420-SM-030	MW-126B	Water	07/14/2020	11:00	X				
WG-071420-SM-032	MW-126A	Water	07/14/2020	9:40	X				
WG-071420-SM-034	MW-110A	Water	07/14/2020	12:20	X				

Notes:

- - Not Applicable
- FD - Field Duplicate sample of sample in parenthesis
- LRH - Low Range Hydrocarbons
- MRH/HRH - Mid Range Hydrocarbons/High Range Hydrocarbons
- 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 2020

Location ID:	MW-1A	MW-1A	MW-1B	MW-1C	MW-110A
Sample Name:	WG-071020-NL-009	WG-071020-NL-011	WG-071020-NL-007	WG-071020-NL-005	WG-071420-SM-034
Sample Date:	07/10/2020	07/10/2020	07/10/2020	07/10/2020	07/14/2020
Depth:	17.89-17.89 ft BGS	17.89-17.89 ft BGS	17.42-17.42 ft BGS	18.06-18.05 ft BGS	15.68-15.68 ft BGS
		Duplicate			

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
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	14.4	4.2	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

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2020

Location ID:	MW-1A	MW-1A	MW-1B	MW-1C	MW-110A
Sample Name:	WG-071020-NL-009	WG-071020-NL-011	WG-071020-NL-007	WG-071020-NL-005	WG-071420-SM-034
Sample Date:	07/10/2020	07/10/2020	07/10/2020	07/10/2020	07/14/2020
Depth:	17.89-17.89 ft BGS	17.89-17.89 ft BGS	17.42-17.42 ft BGS	18.06-18.05 ft BGS	15.68-15.68 ft BGS
		Duplicate			

Parameters	Unit					
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	11.3
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	0.32 J	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	0.23 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	7.1	1.1	1.0 U
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
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	--	--	--	--	--

Notes:

-- - Not applicable

J - Estimated concentration

U - Not detected at the associated reporting limit

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2020

Location ID:	MW-126A	MW-126B	MW-146B	MW-146C	MW-200
Sample Name:	WG-071420-SM-032	WG-071420-SM-030	WG-071320-SM-024	WG-071320-SM-022	WG-071320-NL-017
Sample Date:	07/14/2020	07/14/2020	07/13/2020	07/13/2020	07/13/2020
Depth:	20.59 ft BGS	20.83-20.83 ft BGS	17.52-17.53 ft BGS	17.81-17.87 ft BGS	16.67-17.68 ft BGS

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
1,1,1,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1,2-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	0.24 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	10.0 U	10.0 U	10.0 U	10.0 U
Benzene	µg/L	1.0 U	1.0 U	0.77 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	0.19 J	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	0.27 J	0.23 J	106	10.6	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	0.18 J	1.0 U	1.0 U
Dibromochloromethane	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 2020

Location ID:	MW-126A	MW-126B	MW-146B	MW-146C	MW-200
Sample Name:	WG-071420-SM-032	WG-071420-SM-030	WG-071320-SM-024	WG-071320-SM-022	WG-071320-NL-017
Sample Date:	07/14/2020	07/14/2020	07/13/2020	07/13/2020	07/13/2020
Depth:	20.59 ft BGS	20.83-20.83 ft BGS	17.52-17.53 ft BGS	17.81-17.87 ft BGS	16.67-17.68 ft BGS

Parameters	Unit					
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	4.2	0.85 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	0.15 J	1.1	28.5	0.22 J	1.0 U
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
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	--	--	--	--	--

Notes:

-- - Not applicable

J - Estimated concentration

U - Not detected at the associated reporting limit

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2020

Location ID:	MW-201	MW-202	MW-203	MW-204	MW-204B
Sample Name:	WG-071320-NL-019	WG-071320-NL-021	WG-071320-NL-015	WG-070920-SM-002	WG-071020-SM-012
Sample Date:	07/13/2020	07/13/2020	07/13/2020	07/09/2020	07/10/2020
Depth:	18.72-18.72 ft BGS	15.18-15.2 ft BGS	15.15-15.17 ft BGS	16.39-16.4 ft BGS	16.42-16.42 ft BGS

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	0.74 J
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
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	0.28 J	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	0.63 J	10.6
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

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2020

Location ID:	MW-201	MW-202	MW-203	MW-204	MW-204B
Sample Name:	WG-071320-NL-019	WG-071320-NL-021	WG-071320-NL-015	WG-070920-SM-002	WG-071020-SM-012
Sample Date:	07/13/2020	07/13/2020	07/13/2020	07/09/2020	07/10/2020
Depth:	18.72-18.72 ft BGS	15.18-15.2 ft BGS	15.15-15.17 ft BGS	16.39-16.4 ft BGS	16.42-16.42 ft BGS

Parameters	Unit					
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	1.0 U	1.3
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	8.5	0.64 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	9.4	0.55 J
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.4
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
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	--	--	--	--	--

Notes:

-- - Not applicable

J - Estimated concentration

U - Not detected at the associated reporting limit

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2020

Location ID:	MW-205A	MW-205B	MW-206A	MW-206B	MW-206C
Sample Name:	WG-070920-SM-004	WG-071020-SM-014	WG-070920-NL-001	WG-070920-NL-003	WG-071020-NL-013
Sample Date:	07/09/2020	07/10/2020	07/09/2020	07/09/2020	07/10/2020
Depth:	15.43-15.43 ft BGS	15.61-15.61 ft BGS	16.06-16.06 ft BGS	16.08-16.08 ft BGS	15.99-16 ft BGS

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	0.49 J	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
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	6.2	1.0 U	1.8	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

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2020

Location ID:	MW-205A	MW-205B	MW-206A	MW-206B	MW-206C
Sample Name:	WG-070920-SM-004	WG-071020-SM-014	WG-070920-NL-001	WG-070920-NL-003	WG-071020-NL-013
Sample Date:	07/09/2020	07/10/2020	07/09/2020	07/09/2020	07/10/2020
Depth:	15.43-15.43 ft BGS	15.61-15.61 ft BGS	16.06-16.06 ft BGS	16.08-16.08 ft BGS	15.99-16 ft BGS

Parameters	Unit					
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	0.44 J	1.0 U	0.22 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	1.0 U	1.2	1.0 U	3.1	1.0 U
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
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	--	--	--	--	--

Notes:

-- - Not applicable

J - Estimated concentration

U - Not detected at the associated reporting limit

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2020

Location ID:	MW-207A	MW-207B	MW-207C	MW-208A
Sample Name:	WG-071320-SM-016	WG-071320-SM-020	WG-071320-SM-018	WG-071020-SM-006
Sample Date:	07/13/2020	07/13/2020	07/13/2020	07/10/2020
Depth:	17.57-17.59 ft BGS	17.52-17.52 ft BGS	17.58-17.58 ft BGS	15.47-15.29 ft BGS

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	0.15 J	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-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	0.16 J	1.0 U	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
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	0.94 J	23.6	4.4	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	0.52 J	1.0 U	1.0 U
Dibromochloromethane	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 2020

Location ID:	MW-207A	MW-207B	MW-207C	MW-208A
Sample Name:	WG-071320-SM-016	WG-071320-SM-020	WG-071320-SM-018	WG-071020-SM-006
Sample Date:	07/13/2020	07/13/2020	07/13/2020	07/10/2020
Depth:	17.57-17.59 ft BGS	17.52-17.52 ft BGS	17.58-17.58 ft BGS	15.47-15.29 ft BGS

Parameters	Unit				
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	2.9	1.0 U	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	2.0	0.35 J	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	0.34 J	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
Trifluorotrichloroethane (CFC-113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	11.5	0.29 J	1.0 U
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U
Semivolatile Organic Compounds, SIM					
Naphthalene	µg/L	0.48 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 U	--	--	--
Mid-Range Hydrocarbons (MRH) (C9-C18)	mg/L	0.060 U	--	--	--

Notes:

-- - Not applicable

J - Estimated concentration

U - Not detected at the associated reporting limit

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2020

Location ID:		MW-208B	MW-208C	TMW-146	TMW-146
Sample Name:		WG-071020-SM-008	WG-071020-SM-010	WG-071320-SM-026	WG-071320-SM-028
Sample Date:		07/10/2020	07/10/2020	07/13/2020	07/13/2020
Depth:		15.1-15.1 ft BGS	15.09-15.09 ft BGS	17.26-17.26 ft BGS	17.26-17.26 ft BGS Duplicate
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	1.0 U	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
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	1.0 U	2.7	0.32 J	1.0 U
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	1.0 U	1.0 U
Dibromochloromethane	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 2020

Location ID:		MW-208B	MW-208C	TMW-146	TMW-146
Sample Name:		WG-071020-SM-008	WG-071020-SM-010	WG-071320-SM-026	WG-071320-SM-028
Sample Date:		07/10/2020	07/10/2020	07/13/2020	07/13/2020
Depth:		15.1-15.1 ft BGS	15.09-15.09 ft BGS	17.26-17.26 ft BGS	17.26-17.26 ft BGS Duplicate
Parameters	Unit				
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	0.28 J	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	1.0 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
trans-1,2-Dichloroethene	µg/L	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
Trichloroethene	µg/L	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
Trifluorotrichloroethane (CFC-113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	0.19 J	1.0 U	1.0 U
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U
Semivolatile Organic Compounds, SIM					
Naphthalene	µg/L	--	--	0.53 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	--	--	0.061 U	0.060 U

Notes:

-- - Not applicable

J - Estimated concentration

U - Not detected at the associated reporting limit

Table 3

Analytical Methods
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2020

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 Analyte Concentrations in the Method Blanks
Semiannual Groundwater Monitoring Program
Former RACER Fairfax Site
Kansas City, Kansas
July 2020

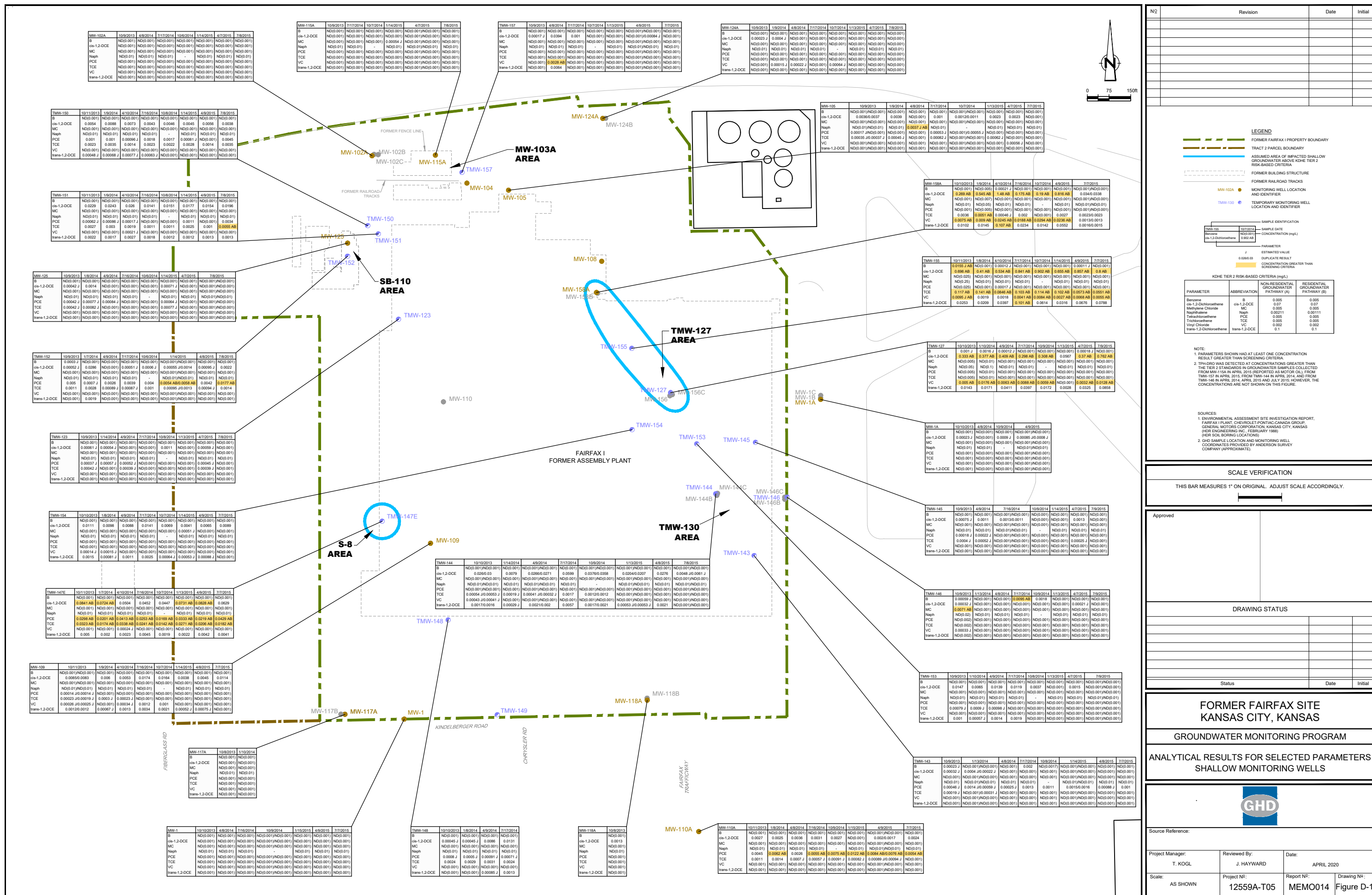
Parameter	Analyte	Analysis Date (mm/dd/yyyy)	Blank Result *	Sample ID	Original Result	Qualified Result	Units
VOCs	1,2,4-Trichlorobenzene	07/16/2020	0.45 J	WG-071320-SM-016	0.29 J	1.0 U	µg/L
				WG-071320-NL-017	0.29 J	1.0 U	µg/L
				WG-071320-NL-019	0.25 J	1.0 U	µg/L
				WG-071320-SM-020	0.25 J	1.0 U	µg/L
TPH-MRH/HRH	Mid-Range Hydrocarbons (MRH) (C9-C18)	07/17/2020	0.042 J	WG-071320-SM-016	0.032 J	0.060 U	mg/L
				WG-071320-SM-026	0.044 J	0.061 U	mg/L
				WG-071320-SM-028	0.043 J	0.060 U	mg/L
SVOC-SIM	Naphthalene	07/17/2020	0.11 J	WG-071320-SM-016	0.048 J	0.48 U	µg/L
				WG-071320-SM-026	0.087 J	0.53 U	µg/L
				WG-071320-SM-028	0.057 J	0.50 U	µg/L

Notes:

- * - Blank result adjusted for sample factors where applicable
- U - Not detected at the associated reporting limit
- J - Estimated concentration
- MRH/HRH - Mid Range Hydrocarbons/High Range Hydrocarbons
- TPH - Total Petroleum Hydrocarbons
- VOCs - Volatile Organic Compounds
- SVOC - Semivolatile Organic Compounds
- SIM - Selected Ion Monitoring

Appendix D

Groundwater Monitoring Data 2012-2015









about GHD

GHD is one of the world's leading professional services companies operating in the global markets of water, energy and resources, environment, property and buildings, and transportation. We provide engineering, environmental, and construction services to private and public sector clients.

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