



HALEY & ALDRICH, INC.
299 Cherry Hill Rd.
Suite 303
Parsippany, NJ 07054
973.263.3900

28 May 2021
File No. 70613-857

New Jersey Department of Environmental Protection
Site Remediation Program
Mail Code 401-05H
401 East State Street
Trenton, New Jersey 08625-0420

Attention: Bureau of Case Assignment & Initial Notice

Subject: Permit-By-Rule (PBR) Application
RACER Trust - Ewing Township Industrial Land
Former Delphi Interior and Lighting Systems Division
1445 Parkway Avenue
Ewing, New Jersey
NJDEP SRP PI No. 011336
ISRA Case No. E97070

Ladies and Gentlemen:

On behalf of Revitalizing Auto Communities Environmental Response (RACER) Trust, Haley & Aldrich, Inc. (Haley & Aldrich) is submitting this Permit-By-Rule (PBR) application and is providing the following information to conduct an additional in-situ remedial action at the Ewing Township Industrial Land site (Site). The current in-situ remediation program is intended to reduce concentrations of chlorinated volatile organic compounds (CVOCs) in groundwater by creating and sustaining reducing conditions in the target treatment area. This PBR application also focuses on a specific treatment area where elevated hexavalent chromium concentrations are also present in groundwater. The objective of the remediation program is to reduce concentrations of constituents of concern and to enhance and support natural attenuation. In accordance with New Jersey Administrative Code (N.J.A.C.) 7:14A-7.5(b)2, we request written approval from the New Jersey Department of Environmental Protection (NJDEP) to complete the proposed work under a PBR authorization. Due to the anticipated timeframe for the remedial effort in the permit application of up to five years, a public notification is also provided.

A detailed summary of the proposed remediation including the information required in N.J.A.C. 7:26E-5.6(b) is discussed below. A Site Plan is included as Figure 1. The required NJDEP Discharge to Ground Water (DGW) PBR Authorization Request form is included in Appendix A. The completed original PBR Authorization form is also included, unbound, at the front of the document in accordance with NJDEP requirements. Payment for the required DGW/PBR Application fee of \$350 is also included.

Case Background

The Site is located at 1445 Parkway Avenue Ewing Township, Mercer County, New Jersey. In August 2018, Block 343, Lot 1.01 (approximately 80 acre) property was subdivided into two parcels, one continuing to be called Block 343, Lot 1.01 (approximately 76 acres) and the other a new parcel called Block 343, Lot 1.03/Sylvia Street Right-of-Way (approximately 4 acres). Parkway Town Center Urban Renewal, LLC (PTCUR) owns Block 343, Lot 1.01 (in its post-subdivision form), and the Township of Ewing owns Block 343, Lot 1.03/Sylvia Street Right-of-Way. A Site plan is provided as Figure 1.

The Site was used as farmland and orchards prior to its development as a manufacturing facility owned and operated by General Motors Corporation. The Site manufactured motor vehicle parts from 1938 to 1998 and was operated as a Department of Defense aircraft assembly plant during World War II. The manufacturing plant at the Site closed in 1998 and demolition of Site structures occurred between the fall of 2000 and the spring of 2002.

The target area for the pilot study is a portion of area of concern (AOC)-01C Manufacturing Building (South) which is the southern half of the former manufacturing building located in the northwest corner of the Site (Figure 1). AOC-01C included the following former operational areas: the tool room wash deck, presses, possible former Plater Pits #1, #2 and #3, former Plater Pit #4, former Plater Pit #5 which was also the black phosphating system, former Plater Pit #6, former Plater Pit #7, former Plater Pit #12, barrel finishing and tumbling area, scrap metal bins, pits for plastisol paint and primer, die cast area, former 10,000-gallon gasoline underground storage tank location (E005), former wastewater treatment system containment pit, concrete containment for former caustic acid and liquid aboveground storage tanks, solution storage room, and a trash compactor area. Rail spurs connected to the railroad entered the former manufacturing building at the southeast and southwest corners. AOC-01C is shown on Figure 1.

Description of Contamination

The groundwater present in bedrock in AOC-01C is primarily impacted by trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), and vinyl chloride. NJDEP expressed concerns that concentrations of TCE in several monitoring wells in the AOC-01C area exceeded 1 percent of solubility, indicating the potential presence of a residual contaminant source; a significant soil VOC source was not identified despite extensive soil investigation efforts. In addition, elevated levels of hexavalent chromium are present in groundwater within AOC-01C, specifically highest at monitoring well MW-88. Hexavalent chromium groundwater impacts are suspected to be a result from former Plater Pit #6 operations; soil associated with this plater pit was excavated in October 2013. The nature and extent of groundwater contamination is detailed in the Groundwater Remediation Investigation Report (RIR) submitted in May 2016, and soil remedial actions are summarized in the Soil Remedial Action Report (RAR) submitted in October 2016 and addenda submitted in May 2017 and June 2018. Table I and Figure 2A through 2F provides the most recent groundwater analytical data for the Site.

Site Hydrogeology

A detailed description of the Site geology and hydrogeology is presented in the May 2016 Groundwater RIR. The overburden soils range in thickness from 0 to 20 feet (ft), overlying weathered bedrock. The soils are generally: fill, 0 to 10 ft thick; and residual bedrock, clays, silts, sands, and rock fragments, 0 to 10 ft thick. The soils are thinnest at the northwest corner of the Site, and thicken in the center of the Site, where extensive fill has been placed, then thin again toward Gold Run to the east. The overburden soils typically are dry, with groundwater present in the underlying weathered bedrock. The weathered bedrock is highly fractured bedrock, up to a depth of 30 ft below ground surface (bgs), where it transitions to more competent, unweathered bedrock.

The underlying bedrock unit consists of alternating bands of light gray to reddish-brown, medium- to coarse-grained arkosic sandstone and red-brown to purple-brown siltstone and shale, with thicker, more massive sandstone beds of the Raven Rock Member of the Stockton Formation. The bedrock was formed during the late Triassic period. Bedding planes typically strike N80°E to N90°E, with a gentle dip angle to the north/northwest ranging from nine to 14 degrees. Due to numerous episodes of faulting and fracturing, the bedrock is highly fractured, creating numerous hydraulically interconnected fractures with varying degrees of secondary mineralization. Bedding plane joints, typical in New Jersey geology, are present but their significance in relation to overall bedrock groundwater flow is overshadowed by significant structural geologic deformation, fracturing, and faulting.

Hydrogeology at the Site consists of two primary aquifer units, the overburden/weathered bedrock unit is considered to constitute a single hydrogeologic unit and has an average hydraulic conductivity of 3×10^{-2} cm/s. Groundwater within the overburden/weathered bedrock aquifer flows from the west to east across the Site and discharges to the east into Gold Run. Accordingly, Gold Run, which is typically founded on bedrock, is a hydrogeologic boundary along the eastern side of the Site for groundwater flowing through the overburden/weathered bedrock.

The deeper aquifer unit consists of fractured and competent bedrock. The aquifer flows from the northwest corner of the Site to the south, southeast, and east. Along the western boundary of the Site, a fault was identified during drilling and has been identified as a low- or no-flow boundary on the west side of the Site. Based on the groundwater contours the western half of the southern side of the Site appears to be up/side-gradient, while the eastern half of the southern side appears to be downgradient. Similar to the overburden/weathered bedrock, Gold Run has been shown to be a receiving (gaining) stream for bedrock groundwater flow, based on potentiometric elevation data.

Fracturing in the upper portion of the weathered bedrock and competent bedrock is significant. A review of fracture frequency versus depth indicates that the lithostatic pressure typically reduces the frequency of open fractures past the 90 ft bgs depth. The decrease in fracture frequency corresponds to a general decrease in bedrock hydraulic conductivity with depth. This restricts the primary groundwater transport within the upper 100 ft bgs of the bedrock aquifer.

Vertical gradients across the Site vary spatially both in direction and magnitude. In areas proximal to groundwater flow boundaries, such as Gold Run and the upgradient side of the fault along the western

border of the Site, vertical groundwater flow is upward. In the remaining areas of the Site downward heads are observed, indicative of potential groundwater recharge. On the downgradient side of the fault along the western property boundary, vertical groundwater flow is strongly downward. The overburden/weathered bedrock unit exhibits a hydraulic conductivity approximately an order of magnitude greater than the bedrock unit.

The concentrations observed of CVOCs at the Site are highest in the deeper portion of the bedrock aquifer, by as much as several orders of magnitude compared to wells screened in the shallow overburden/weathered bedrock within the same area of the Site (i.e. AOC-01C). Further, despite extensive soil investigation in this AOC, no significant source area was identified that would have resulted in the elevated concentrations observed in the deep bedrock aquifer. Consequently, a direct link to the potential source has not been identified at the Site.

Proposed Remediation Plan

The proposed remedial program will specifically target AOC-01C and is designed to create a carbon-enhanced anaerobic zone to promote reductive dechlorination of CVOCs, along with reduction of hexavalent chromium to trivalent chromium. If a sufficiently reductive environment has not been achieved, then additional injection events may be necessary. Consequently, the remedial program may involve several injection events over a 5-year period. The need for supplemental injection events will be scheduled based on the performance monitoring results described in further detail below. Given the potential 5-year timing of the proposed program, and consistent with NJDEP regulations, public notification is required and provided in Appendix C.

The targeted treatment areas are defined as the area surrounding bedrock monitoring wells MW-86, MW-87, and the area surrounding bedrock monitoring well MW-88. These monitoring wells exhibited groundwater concentrations of TCE above 10 milligrams per liter (mg/L), with depths ranging from 60 to 120 ft bgs. Monitoring well MW-88 exhibited the highest hexavalent chromium at 2.2 mg/L in December 2014. Remediation wells were installed targeting the 60 ft bgs to 150 ft bgs portion of the aquifer. The proposed treatment areas are shown on Figure 3 and Figure 4.

ENHANCED REDUCTIVE DECHLORINATION AMENDMENT VIA RECIRCULATION

The remedial design has been tailored at the Site to address the current contamination, improve subsurface conditions for biological reductive dechlorination and bioaugment the groundwater, while considering the subsurface geology for injection techniques. Enhanced Reductive Dechlorination (ERD) was selected as the groundwater remedy due to its ability to rapidly reduce TCE concentrations in the treatment area while simultaneously enhancing existing natural attenuation processes. Additionally, chemical processes associated with the ERD approach have been shown to effectively transform hexavalent chromium (chromium VI) to stable trivalent chromium (chromium III).

A recirculation-based delivery approach for the ERD amendment was selected to maximize the area that could be treated, anticipated improvement in amendment distribution, and more rapid treatment as compared to direct injection approaches. Given the treatment depth (up to 150 ft bgs in bedrock), it is

not feasible to conduct a traditional injection program via direct push and a permanent injection well approach will not achieve the distribution required for this program. Therefore, a temporary recirculation approach is most appropriate. Recirculation promotes stimulation of native bacterial populations and creates an environment for continued biodegradation. Furthermore, recirculation allows adjustment of the substrate addition throughout the process, based on aquifer and microbe response.

The selected remedial approach for the targeted treatment of CVOCs present in AOC-01C is ERD via Provect ERD-CH₄™ combined with a bioaugmentation culture such as SDC-9™. A fully soluble amendment such as sodium lactate may also be used in future remedial events if even distribution of the Provect ERD-CH₄™ does not occur in one of the remedial Legs. The safety data sheets for the proposed amendments are provided in Appendix B. These emulsified oil products are multi-faceted remedial amendments that provide electron donors and methane inhibitors. The electron donor itself will also promote reducing conditions as well as provide a source of energy for biological processes. A methane inhibitor will be added during the recirculation events to address potential methane generation. The methane inhibitors, which are essential oils and extracts from red yeast rice, are added to the electron donor product and will allow for the inhibition of methanogens that can compete with the dehalococcoides (DHC) and other reductive dechlorinating bacteria for electron donors. During the recirculation process, groundwater is not treated prior to reinjection, as treatment would strip many of the nutrients that the microbes need, as well as introduce air into the groundwater stream, potentially eliminating the naturally occurring anaerobic microbes.

PROPOSED APPLICATION

Injections of the substrate for ERD will be achieved through the use of both a solar skid-mounted recirculation system and a manual recirculation system. The solar skid-mounted system allows for the control of pumps and the addition of substrate into the system via the branch lines located on the skid. The skid will control flow within the RW-209 and RW-210 injection legs, which target areas around monitoring well MW-87 and MW-86, respectively, and extract water from RW-207, as shown in Figure 3 and Figure 4 (Legs #2 and #3). In subsequent remedial events, Leg #1, shown in Figure 3 and Figure 4, which utilizes RW-207 as the injection well and RW-208 as the extraction well, may also be used in the recirculation activities should results indicate additional recirculation is necessary.

The manual recirculation system allows for direct recirculation between vertical wells RW-211 and RW-212, which span the area around monitoring well MW-88, as shown in Figure 3 and Figure 4 as Leg #4. The groundwater will be pumped from a downgradient extraction well and piped through the system to an upgradient injection well, coupled with periodic batch addition of the remedial amendment. The electron donor may be diluted with groundwater to between 25 percent and 60 percent fermentable carbon and batch injected into the subsurface as opposed to a continuous feed. Prior to and following the batch additions, recirculation of the groundwater will be occurring. This process is intended to enhance substrate distribution and growth of DHC. As mentioned previously, a DHC culture will be added throughout this recirculation process. The substrate will be added in batches to yield an initial goal of 1.5 g/L carbon loading recirculated into the target treatment area. This approach has been

found to reduce biofouling on other programs that Haley & Aldrich has conducted on Sites across the country.

The MW-86 and MW-87 loops shown on Figure 3 and Figure 4, consist of a downgradient extraction well (RW-207) and two angled upgradient injection wells (RW-210 and 209, respectively). This system is anticipated to operate at a flow rate of up to 10 gallons per minute (gpm); however, rates will be modified in the field as pumping operations continue. The recirculation will consist of extraction from RW-207 and the three-four-week injection at each Leg (Leg #2 or Leg #3) individually, cycling until the end of the 2021 remedial program. The solar system will be operated for up to six months during 2021; the extended pumping time will allow for better mixing and distribution of carbon substrate in the larger target treatment area. Depending on performance monitoring results and aquifer response, the initial configuration may be modified by adjusting pumping rates and substrate injection to improve substrate distribution/performance.

The MW-88 loop shown on Figure 3 and Figure 4, consists of a downgradient extraction well (RW-211) and one upgradient injection well (RW-212). This Leg, #4, will be conducted concurrently with Legs #2 and #3, once the skid is operational. Leg #4 will run for approximately three weeks. These pumping scenarios allow for the targeted treatment of elevated levels of hexavalent chromium and TCE within AOC-01C. The remediation plan consists of two vertical wells constructed to recirculate groundwater and substrate targeting the highest observed concentrations of TCE and hexavalent chromium. This loop is anticipated to operate at a flow rate of up to 6 gpm for three weeks, however, rates and duration will be modified in the field as pumping operations continue. Depending on performance monitoring results and aquifer response, the initial configuration may be modified by adjusting pumping rates and substrate injection to improve substrate distribution/performance.

Based on the modeling and presumed groundwater exchange of two to three pore volumes, that up to 30,000 pounds of the electron donor will be required for each leg of this project and up to 300 liters for the bioaugmentation culture, SDC-9™. However, given the potential variability in the aquifer and the five-year time frame, we are requesting NJDEP approve a permit for up to 300,000 pounds of substrate, so that the carbon substrate loading can be tailored to field measurements of carbon in the groundwater and 1,000 liters of bioaugmentation culture for the five-year PBR, as seen in the Table below. The anticipated flow rate for the groundwater recirculation is up to 10 gpm in the MW-86 and MW-87 treatment area and up to 6 gpm in the MW-88 treatment area. Actual volume and concentration of amendment will be documented in injection logs. Injection rates and pressures at the well head will be monitored via flow meters and pressure gauges and documented in field logs. Depth to water will also be documented on field logs. Total gallons of amendment will be measured using graduated totes/tanks and will be documented in field logs.

As this PBR encompasses up to a 5-year injection program, the following table outlines the potential amendment usage:

Recirculation Leg	Event Number	Estimated Electron Donor (pounds)	Estimated Bioaugmentation Culture (L)
Leg #2	1 (2021)	30,000	100
Leg #3	1 (2021)	30,000	100
Leg #4	1 (2021)	30,000	100
Leg #2	2 (TBD)	30,000	100
Leg #3	2 (TBD)	30,000	100
Leg #4	2 (TBD)	30,000	100
Leg #1	2 (TBD)	30,000	100
Leg #2	3 (TBD)	30,000	100
Leg #3	3 (TBD)	30,000	100
Leg #4	3 (TBD)	30,000	100

The remedial amendments will be stored within secondary containment. The secondary containment will be large enough to contain 10 percent of the total volume or 100 percent of the largest container, whichever is greater, per United States Environmental Protection Agency (USEPA) guidance, 40 CFR 264.175(b). Any necessary mixing will be contained within this secondary containment area. Spill containment material will also be present onsite including but not limited to absorbent pads and materials such as bentonite. Hoses will be secured to injection well heads via zip ties or similar securing materials.

Water levels will be monitored in the monitoring well network nearby to both the solar skid and manual recirculation systems. The water levels will be monitored utilizing transducers in select monitoring wells. While we expect water level elevation changes in the target treatment area, should an increase in water level result in head reversal from the current natural flow conditions, the systems will be stopped and reassessed to determine how the pumping influence has affected the aquifer. Water levels will be monitored manually for one week after beginning recirculation in select monitoring wells to ensure the amendment is not traveling outside the expected treatment area. If amendment is traveling outside the expected treatment area, the systems will be stopped and reassessed.

Based on the monitoring results, additional in-situ recirculation may be necessary and will be repeated to further enhance biodegradation of CVOCs in groundwater in the targeted treatment area. Metrics for additional recirculation will be based on geochemical and CVOC concentrations. Total organic carbon (TOC) concentrations of below 15 mg/L with stalling CVOC degradation (stable, but elevated concentrations of CVOCs, significant decrease in dissolved gases ethene and/or ethane, and non-ideal field parameters) will trigger evaluation of additional recirculation within that Leg.

Monitoring Plan

The effectiveness of the groundwater remedial program will be evaluated based on the results of quarterly post-injection groundwater monitoring. Groundwater samples will be collected from select wells and the sample port on the skid system at the frequency and for the listed analyses presented in Table II. The proposed monitoring well network is shown on Figure 5. Samples will be collected from the solar skid system sample port and the following wells surrounding the target treatment zone:

- Sample Port on Skid
- MW-18A
- MW-20A
- MW-42
- MW-44
- MW-84R
- MW-84AR
- MW-85
- MW-86
- MW-87
- MW-88
- RW-200C (Deep zone)
- RW-201C (Deep zone)
- RW-202C (Deep zone)
- RW-203C (Deep zone)
- RW-204C (Deep zone)
- RW-205 (Three cluster wells)
- RW-206 (Three cluster wells)

Low-flow sampling techniques will be utilized in accordance with the 2005 NJDEP Field Sampling Procedures Manual. Field parameters, including pH, dissolved oxygen, redox potential, temperature, conductivity, depth to water, and turbidity will be collected as part of the sampling program. Samples will be shipped to a NJDEP certified laboratory under standard chain of custody procedures. Groundwater samples collected in the treatment area will be analyzed for Target Compound List (TCL) VOCs via 8260C and metals via 6020B as shown in Table II. TOC will be analyzed at select wells in addition to the VOC analysis for performance monitoring to evaluate the distribution of the electron donor, which will increase the TOC concentration. Also, dissolved gases such as methane, ethene, and ethane may be analyzed at select wells throughout the monitoring program via RSK 175. The analysis of VOCs will allow for evaluation of contaminant reductions and geochemical parameters to provide insight into amendment depletion and performance. Additional sampling may be conducted for performance evaluation at select wells.

During the recirculation events, monitoring of the remedial amendments will be conducted to include the amount of amendment injected (in both pounds and gallons), the concentration of the remedial amendment, and the amount of groundwater recirculated within the treatment area.

Implementation Schedule

The anticipated schedule for implementation of the remedial activities related to the PBR application is presented below.

Task Name	Schedule
PBR Application Submittal	May 2021
PBR Approval (NJDEP review dependent)	June 2021
ERD Implementation	June-September 2021
Remedial Performance Groundwater Sampling	(See Attached Table II)
Baseline Groundwater Sampling	Q2 2021
Quarterly Post-Injection Performance Groundwater Sampling	Q3-Q4 2021, Q1 2022
Remedial Action Report and Groundwater Remedial Action Permit for monitored natural attenuation to NJDEP	To Be Determined

Permit-Related Classification Exception Area/Well Restriction Area

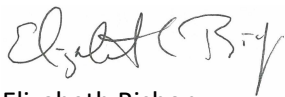
In accordance with N.J.A.C. 7:26C-7.3, a Classification Exception Area (CEA) and Well Restriction Area (WRA) is required due to the presence of groundwater contamination within the proposed target treatment area. The permit-related CEA encompasses the pilot study area is approximately 500 ft wide and 575 ft long, as well as 200 ft deep. The CEA duration for this permit application is estimated to be five years from the start of the proposed remediation and includes the current groundwater contaminants and compounds which could potentially be generated during the remedial event. Figure 5 through Figure 8 shows the horizontal and vertical extent of the CEA boundary and Table III provides a list of compounds included in the permit-related CEA.

Summary

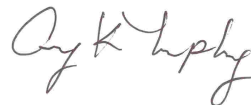
This PBR application is provided to fulfill the requirements outlined in N.J.A.C. 7:26E-5.6 and will allow the Site to move forward with the goal of reducing contaminant concentrations in groundwater and ultimately enhance the rate of natural attenuation decrease of dissolved contaminant concentrations in the downgradient plume. As the remedial action will take place over time, up to five years, public notification was conducted in accordance with N.J.A.C. 7:26E-5.6.

Please feel free to contact the undersigned at 973.658.3900 if you should have any questions regarding this application.

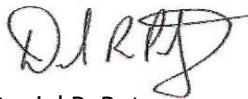
Sincerely yours,
HALEY & ALDRICH, INC.



Elizabeth Bishop
Senior Technical Specialist



Amy K. Murphy, LSRP
Technical Expert



Daniel R. Putz
Program Manager

Attachments:

- Table I – Analytical Results
- Table II – Monitoring Plan
- Table III – CEA Constituents
- Figure 1 – Site Plan with Monitoring Wells
- Figure 2A-2F – Groundwater Databoxes
- Figure 3 – Proposed Groundwater Treatment Area
- Figure 4– Proposed Groundwater Treatment Area Former Conditions
- Figure 5 – Site Plan with Performance Monitoring Wells
- Figure 6 – CEA Map and Cross Section A-A'
- Figure 7 – CEA Map and Cross Section B-B'
- Figure 8 – CEA Map and Cross Section C-C'
- Appendix A – Discharge to Ground Water Permit By Rule Authorization Request Form
- Appendix B – Safety Data Sheets
- Appendix C – Public Notification

c: RACER Trust; Attn: Robert Hare

ATTACHMENTS

TABLES

Table I – Analytical Results

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-1	MW-1	MW-1	MW-1A	MW-1A	MW-1A	MW-2	MW-2	MW-2A	MW-2A	MW-3	MW-3	MW-3A	MW-3A	MW-4	MW-4	MW-4A	MW-4A
Sample Date	Quality	03/06/2018	10/22/2020	03/16/2021	03/06/2018	10/22/2020	03/16/2021	03/01/2018	10/27/2020	03/01/2018	10/27/2020	03/01/2018	10/27/2020	03/01/2018	10/27/2020	03/01/2018	10/27/2020	03/01/2018	03/01/2018
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Parameters																			
Temperature (Deg C)	-	8.27	19.99	11.92	10.02	16.7	13.06	11.84	17.84	13.1	16.67	13.07	14.44	14.41	12.87	11.75	16.05	13.67	-
Conductivity, Field (mS/cm)	-	0.241	0.52	0.931	0.391	0.448	0.296	0.516	0.737	0.381	0.466	0.451	0.44	0.428	0.387	0.954	0.949	0.634	-
ORP, Field (mv)	-	107.2	35	67.5	90.1	-83.8	-29.2	32.4	121.1	35.4	-22.6	26	63.9	12.9	51.3	-65.5	39.8	-13.3	-
Turbidity, Field (NTU)	-	6.26	999	999	5.83	182	72.4	7	12.3	3.8	5.44	17.4	10.4	22.4	6.94	6.3	22.4	33.1	-
pH, Field (pH units)	-	6.75	6.59	6.27	6.41	6.87	6.18	6.7	6.6	6.32	6.4	6.19	5.8	6.24	5.79	6.94	6.37	6.56	-
Dissolved Oxygen, Field (ug/L)	-	2110	490	3360	750	220	680	1290	450	820	70	110	70	120	150	1110	120	270	-
Inorganic Compounds (ug/L)																			
Antimony	6	0.82 J	-	-	ND (2)	-	-	2.4	-	1.6 J	-	1.8 J	-	1.6 J	-	2	-	1.7 J	2.1
Arsenic	3	1.7 J	-	-	1 J	-	-	ND (2)	-	ND (2)	-	1.7 J	-	ND (2)	-	3.1 ^[AI]	-	2	1.7 J
Barium	6000	54.4	-	-	121	-	-	55.1	-	53.8	-	77.9	-	212	-	828	-	180	181
Beryllium	1	ND (0.8)	-	-	0.53 J	-	-	ND (0.8)	-	ND (0.8)	-	ND (0.8)	-	ND (0.8)	-	ND (0.8)	-	ND (0.8)	ND (0.8)
Cadmium	4	ND (2)	-	-	ND (2)	-	-	5.8 ^[AI]	-	ND (2)	-	ND (2)	-	ND (2)	-	ND (2)	-	ND (2)	ND (2)
Chromium	70	2.7 J	258 ^[AI]	-	2.4 J	19.3	-	1.9 J	4.3	4	3 J	3.5 J	ND (4)	1.5 J	ND (4)	4.7	2.4 J	10.1	9.1
Chromium VI (Hexavalent)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	100	ND (4)	-	-	10.1	-	-	ND (4)	-	ND (4)	-	1.5 J	-	1.7 J	-	1.5 J	-	4.4	4.2
Copper	1300	12.6	-	-	ND (4)	-	-	2 J	-	4.8	-	ND (4)	-	1.9 J	-	6.5	-	14.5	13.6
Cyanide	100	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
Iron	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron, Dissolved	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	5	7.6 ^[AI]	-	-	ND (1.2)	-	-	ND (1.2)	-	ND (1.2)	-	0.63 J	-	ND (1.2)	-	0.66 J	-	ND (1.2)	ND (1.2)
Manganese	50	27.2	-	-	3810 ^[AI]	-	-	200 ^[AI]	-	1380 ^[AI]	-	3220 ^[AI]	-	1750 ^[AI]	-	3490 ^[AI]	-	4240 ^[AI]	4130 ^[AI]
Manganese, Dissolved	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	2	ND (0.2)	-	-	ND (0.2)	-	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	ND (0.2)
Nickel	100	3.7 J	195 ^[AI]	-	19.3	44.9	-	9.4	37.8	26.4	17.6	16.7	28.2	7.3	6	28.2	55	12	11.1
Selenium	40	ND (10)	-	-	ND (10)	-	-	1.2 J	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
Silver	40	ND (2)	-	-	ND (2)	-	-	ND (2)	-	ND (2)	-	ND (2)	-	ND (2)	-	ND (2)	-	ND (2)	ND (2)
Sodium	50000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	2000	54.5	-	-	8.1 J	-	-	592	-	5.8 J	-	44.1	-	ND (16)	-	132	-	ND (16)	ND (16)
Other (ug/L)																			
Alkalinity, Bicarbonate (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Carbonate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Hydroxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Total (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Dioxide, Free	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon dioxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloride	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved Organic Carbon (DOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrate (as N)	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrite/Nitrate	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Dissolved Solids (TDS)	500000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon (TOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs (ug/L)																			
Aroclor-1016 (PCB-1016)	0.5	-	-	-	-	-	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	ND (0.4)
Aroclor-1221 (PCB-1221)	0.5	-	-	-	-	-	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	ND (0.4)
Aroclor-1232 (PCB-1232)	0.5	-	-	-	-	-	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	ND (0.4)
Aroclor-1242 (PCB-1242)	0.5	-	-	-	-	-	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	ND (0.4)
Aroclor-1248 (PCB-1248)	0.5	-	-	-	-	-	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	ND (0.4)
Aroclor-1254 (PCB-1254)	0.5	-	-	-	-	-	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	ND (0.4)
Aroclor-1260 (PCB-1260)	0.5	-	-	-	-	-	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	ND (0.4)
Aroclor-1262 (PCB-1262)	0.5	-	-	-	-	-	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	ND (0.4)
Aroclor-1268 (PCB-1268)	0.5	-	-	-	-	-	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	ND (0.4)
Polychlorinated biphenyls (PCBs)	0.5	-	-	-	-	-	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	-	ND (0.4)	ND (0.4)
Semi-Volatile Organic Compounds (ug/L)																			
1,4-Dioxane	0.4	ND (0.2)	ND (0.2)	-	0.24	0.48 ^[AI]	-	ND (0.2)	0.084 J	0.1 J	0.21	0.095 J	0.16 J	0.58 ^[AI]	0.38	0.29	0.24	0.33	0.29
2,2'-oxybis(1-Chloropropane)	300	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
2,4,5-Trichlorophenol	700	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
2,4,6-Trichlorophenol	20	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
2,4-Dichlorophenol	20	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
Haley & Aldrich, Inc.																			

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-1	MW-1	MW-1	MW-1A	MW-1A	MW-1A	MW-2	MW-2	MW-2A	MW-2A	MW-3	MW-3	MW-3A	MW-3A	MW-4	MW-4	MW-4A	MW-4A
Sample Date	Quality	03/06/2018	10/22/2020	03/16/2021	03/06/2018	10/22/2020	03/16/2021	03/01/2018	10/27/2020	03/01/2018	10/27/2020	03/01/2018	10/27/2020	03/01/2018	10/27/2020	03/01/2018	10/27/2020	03/01/2018	03/01/2018
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	100	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
2,4-Dinitrophenol	40	ND (20)	-	-	ND (20)	-	-	ND (21)	-	ND (21)	-	ND (21)	-	ND (21)	-	ND (21)	-	ND (21)	ND (21)
2,4-Dinitrotoluene	10	ND (2)	-	-	ND (2)	-	-	ND (2.1)	-	ND (2.1) F1	-	ND (2.1)	-	ND (2.1)	-	ND (2.1)	-	ND (2.1)	ND (2.1)
2,6-Dinitrotoluene	10	ND (2)	-	-	ND (2)	-	-	ND (2.1)	-	ND (2.1)	-	ND (2.1)	-	ND (2.1)	-	ND (2.1)	-	ND (2.1)	ND (2.1)
2-Chloronaphthalene	600	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
2-Chlorophenol	40	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
2-Methylnaphthalene	30	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
2-Methylphenol (o-Cresol)	50	ND (10) *	-	-	ND (10) *	-	-	ND (10) *	-	ND (10) *	-	ND (10) *	-	ND (10) *	-	ND (10) *	-	ND (10) *	ND (10) *
2-Nitroaniline	100	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
2-Nitrophenol	100	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
3,3'-Dichlorobenzidine	30	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
3-Nitroaniline	100	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
4,6-Dinitro-2-methylphenol	1	ND (20)	-	-	ND (20)	-	-	ND (21)	-	ND (21)	-	ND (21)	-	ND (21)	-	ND (21)	-	ND (21)	ND (21)
4-Bromophenyl phenyl ether	100	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
4-Chloro-3-methylphenol	100	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
4-Chloroaniline	30	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
4-Chlorophenyl phenyl ether	100	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
4-Methylphenol	50	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
4-Nitroaniline	100	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
4-Nitrophenol	100	ND (20)	-	-	ND (20)	-	-	ND (21)	-	ND (21)	-	ND (21)	-	ND (21)	-	ND (21)	-	ND (21)	ND (21)
Acenaphthene	400	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
Acenaphthylene	100	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
Acetophenone	700	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
Anthracene	2000	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
Atrazine	3	ND (2)	-	-	ND (2)	-	-	ND (2.1)	-	ND (2.1) F1	-	ND (2.1)	-	ND (2.1)	-	ND (2.1)	-	ND (2.1)	ND (2.1)
Benzaldehyde	100	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
Benzo(a)anthracene	0.1	ND (1)	-	-	ND (1)	-	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	ND (1)
Benzo(a)pyrene	0.1	ND (1)	-	-	ND (1)	-	-	ND (1)	-	ND (1) F1	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	ND (1)
Benzo(b)fluoranthene	0.2	ND (1)	-	-	ND (1)	-	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	ND (1)
Benzo(g,h,i)perylene	100	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
Benzo(k)fluoranthene	0.5	ND (1)	-	-	ND (1)	-	-	ND (1)	-	ND (1) F1	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	ND (1)
Biphenyl	400	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
bis(2-Chloroethoxy)methane	100	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
bis(2-Chloroethyl)ether	7	ND (1)	-	-	ND (1)	-	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	ND (1)
bis(2-Ethylhexyl)phthalate	3	ND (2)	-	-	ND (2)	-	-	ND (2.1)	-	ND (2.1) F1	-	ND (2.1)	-	ND (2.1)	-	ND (2.1)	-	ND (2.1)	ND (2.1)
Butyl benzylphthalate	100	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10) F1	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
Caprolactam	5000	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
Carbazole	100	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
Chrysene	5	ND (2)	-	-	ND (2)	-	-	ND (2.1)	-	ND (2.1)	-	ND (2.1)	-	ND (2.1)	-	ND (2.1)	-	ND (2.1)	ND (2.1)
Dibenz(a,h)anthracene	0.3	ND (1)	-	-	ND (1)	-	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	ND (1)
Dibenzofuran	100	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
Diethyl phthalate	6000	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
Dimethyl phthalate	100	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
Di-n-butylphthalate	700	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10) F1	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
Di-n-octyl phthalate	100	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
Fluoranthene	300	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
Fluorene	300	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
Hexachlorobenzene	0.02	ND (1)	-	-	ND (1)	-	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	ND (1)
Hexachlorobutadiene	1	ND (1)	-	-	ND (1)	-	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	ND (1)
Hexachlorocyclopentadiene	40	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
Hexachloroethane	7	ND (1)	-	-	ND (1)	-	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	ND (1)
Indeno(1,2,3-cd)pyrene	0.2	ND (1)	-	-	ND (1)	-	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	ND (1)
Isophorone	40	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
Naphthalene	300	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
Nitrobenzene	6	ND (1)	-	-	ND (1)	-	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	ND (1)
N-Nitrosodi-n-propylamine	10	ND (1)	-	-	ND (1)	-	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	ND (1)
N-Nitrosodiphenylamine	10	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
Pentachlorophenol	0.3	ND (20)	-	-	ND (20)	-	-	ND (21)	-	ND (21)	-	ND (21)	-	ND (21)	-	ND (21)	-	ND (21)	ND (21)
Phenanthrene	100	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
Phenol	2000	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
Pyrene	200	ND (10)	-	-	ND (10)	-	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)
Volatile Organic Compounds (ug/L)																			
1,1,1-Trichloroethane	30	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1,2,2-Tetrachloroethane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1,2-Trichloroethane	3	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1-Dichloroethane	50	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1-Dichloroethene	1	ND (1)	ND (1)	ND (1)	ND (1)	6.1 ^[A]	4.3 J ^[A]	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-1	MW-1	MW-1	MW-1A	MW-1A	MW-1A	MW-2	MW-2	MW-2A	MW-2A	MW-3	MW-3	MW-3A	MW-3A	MW-4	MW-4	MW-4A	MW-4A
Sample Date	Quality	03/06/2018	10/22/2020	03/16/2021	03/06/2018	10/22/2020	03/16/2021	03/01/2018	10/27/2020	03/01/2018	10/27/2020	03/01/2018	10/27/2020	03/01/2018	10/27/2020	03/01/2018	10/27/2020	03/01/2018	03/01/2018
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	9	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	0.39 J	0.75 J	ND (1)	ND (1)	3.4	1.4	0.34 J	ND (1)	0.34 J	0.37 J
1,2-Dibromo-3-chloropropane (DBCP)	0.02	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromoethane (Ethylene Dibromide)	0.03	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichlorobenzene	600	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.35 J	ND (1)	0.46 J	0.23 J	0.27 J	0.26 J
1,2-Dichloroethane	2	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.27 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichloropropane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,3-Dichlorobenzene	600	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	0.35 J	ND (1)	1.1	0.75 J	ND (1)	ND (1)	0.87 J	0.93 J
1,4-Dichlorobenzene	75	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	0.39 J	0.38 J	0.84 J	0.58 J	2.9	1.9	3	2.5	3.3	3.4
2-Butanone (Methyl Ethyl Ketone)	300	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Hexanone	300	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	100	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Acetone	6000	2.6 JB	ND (5)	16 *1	3 JB	ND (25)	ND (25)	4.7 JB	ND (5)	4.1 JB	ND (5)	5.6 B	ND (5)	5 B	ND (5)	27 B	22	5.4 B	4.3 JB
Benzene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	5.3 [A]	4 [A]	0.34 J	0.32 J
Bromodichloromethane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromoform	4	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromomethane (Methyl Bromide)	10	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Carbon disulfide	700	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Carbon tetrachloride	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chlorobenzene	50	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	1.5	1.5	1.2	1.1	1.3	1.3	33	28	3.3	3.4
Chloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chloroform (Trichloromethane)	70	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chloromethane (Methyl Chloride)	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
cis-1,2-Dichloroethene	70	ND (1)	1.4	1.2	8.8	1500 [A]	1400 [A]	0.84 J	3	0.9 J	3.1	1.1	3.9	7.1	5.4	ND (1)	0.81 J	1.3	1.3
cis-1,3-Dichloropropene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Cyclohexane	100	ND (1)	ND (1)	ND (1) *1	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Dibromochloromethane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Dichlorodifluoromethane (CFC-12)	1000	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Ethylbenzene	700	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	2.2	ND (1)	ND (1)	ND (1)
Isopropylbenzene (Cumene)	700	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	1.8	0.74 J	ND (1)	ND (1)
Methyl acetate	7000	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Methyl cyclohexane	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.62 J	ND (1)	ND (1)	ND (1)
Methyl Tert Butyl Ether	70	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.22 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methylene chloride	3	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	0.23 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Styrene	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Tetrachloroethene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Toluene	600	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	2.2	1.1	ND (1)
trans-1,2-Dichloroethene	100	ND (1)	ND (1)	ND (1)	ND (1)	8.2	11	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,3-Dichloropropene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Trichloroethene	1	ND (1)	1.2 [A]	2.8 [A]	4 [A]	600 [A]	250 [A]	0.7 J	7.9 [A]	0.87 J	15 [A]	0.25 J	11 [A]	8.2 [A]	4.5 [A]	ND (1)	ND (1)	0.44 J	0.35 J
Trichlorofluoromethane (CFC-11)	2000	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Trifluorotrichloroethane (Freon 113)	20000	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Vinyl chloride	1	ND (1)	ND (1)	ND (1)	0.15 J	2.8 J [A]	51 [A]	0.11 J	ND (1)	0.21 J	0.24 J	0.2 J	0.19 J	0.47 J	0.29 J	0.089 J	0.39 J	0.17 J	0.23 J
Xylene (total)	1000	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (10)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	14	ND (2)	ND (2)	ND (2)

Volatile Organic Compounds SIM (ug/L)

1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

1. ND: Result is not detected above the indicated reporting limit.
J: Estimated value
B: Analyte found in blank and sample
H: Analyzed outside of hold time
D: Sample was diluted.
+: Biased high
2. Results in **red** exceed the following criteria:
- Groundwater Quality Standards (GWQS)
3. Results in **bold** are detected.
4. Sample Types: N - Normal Sample
FD - Field Duplicate

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-4A	MW-5	MW-5	MW-5A	MW-5A	MW-6	MW-6	MW-6A	MW-6A	MW-7	MW-7	MW-7A	MW-11	MW-11	MW-11A	MW-11A	MW-11A	MW-15
Sample Date	Quality	10/27/2020	03/01/2018	10/26/2020	03/01/2018	10/26/2020	03/01/2018	10/26/2020	03/01/2018	10/26/2020	03/05/2018	10/26/2020	03/05/2018	03/05/2018	10/21/2020	03/05/2018	03/05/2018	10/21/2020	03/05/2018
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Parameters																			
Temperature (Deg C)	-	11.62	11.97	19.83	12.83	17.13	10.14	19.11	12.54	15.29	7.96	14.19	6.93	9.62	17.47	11.87	-	17.62	10.32
Conductivity, Field (mS/cm)	-	0.484	1.098	4.596	0.715	0.531	0.382	2.124	0.504	0.868	0.581	0.816	0.46	0.197	0.343	0.415	-	0.385	1.185
ORP, Field (mv)	-	104.3	-12.8	-173.9	-2.5	-73.6	289.3	-62.3	47	-47.5	-83.1	-12.9	-156.5	143.7	130.2	-33.5	-	-136.6	194.1
Turbidity, Field (NTU)	-	21.6	17.8	999	34.2	50.7	24.6	281	92.6	480	11.8	268	15.3	6.73	999	22	-	28.5	5.93
pH, Field (pH units)	-	6.01	6.55	11.93	6.75	7.23	7.12	6.79	7.06	6.77	6.31	6.01	7.27	6.42	6.69	6.88	-	7.02	4.95
Dissolved Oxygen, Field (ug/L)	-	590	200	10	420	650	5100	1010	1310	640	750	160	670	1480	880	480	-	90	1570
Inorganic Compounds (ug/L)																			
Antimony	6	-	2.3	-	1.7 J	-	2.6	-	1.5 J	-	8.1 ^[A]	-	ND (2)	ND (2)	-	ND (2)	ND (2)	-	ND (2)
Arsenic	3	-	19 ^[A]	-	2.7	-	ND (2)	-	3.4 ^[A]	-	8.6 ^[A]	-	ND (2)	ND (2)	-	ND (2)	ND (2)	-	ND (2)
Barium	6000	-	1170	-	561	-	396	-	537	-	4540	-	133	170	-	305	298	-	484
Beryllium	1	-	ND (0.8)	-	ND (0.8)	-	ND (0.8)	-	ND (0.8)	-	ND (0.8)	-	ND (0.8)	ND (0.8)	-	ND (0.8)	ND (0.8)	-	1.9 ^[A]
Cadmium	4	-	ND (2)	-	ND (2)	-	1.8 J	-	ND (2)	-	9.1 ^[A]	-	ND (2)	ND (2)	-	ND (2)	ND (2)	-	ND (2)
Chromium	70	15	7	601 ^[A]	2.4 J	11.6	ND (4)	442 ^[A]	1.5 J	12	87.6 ^[A]	59.2	ND (4)	6.3	118 ^[A]	ND (4)	ND (4)	3.8 J	86.7 ^[A]
Chromium VI (Hexavalent)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	100	-	6.8	-	3 J	-	ND (4)	-	2.7 J	-	14	-	ND (4)	ND (4)	-	ND (4)	ND (4)	-	ND (4)
Copper	1300	-	26.8	-	3.6 J	-	55.9	-	3.7 J	-	746	-	ND (4)	133	-	2 J	2.1 J	-	ND (4)
Cyanide	100	-	ND (10)	-	2.1 J	-	ND (10) F1	-	ND (10)	-	4.8 JB	-	6.1 JF1B	4 JB	-	2.5 JB	3.1 JB	-	3.9 JF1B
Iron	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron, Dissolved	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	5	-	2.9	-	ND (1.2)	-	ND (1.2)	-	ND (1.2)	-	74.7 ^[A]	-	ND (1.2)	13.2 ^[A]	-	ND (1.2)	ND (1.2)	-	ND (1.2)
Manganese	50	-	750 ^[A]	-	6760 ^[A]	-	30	-	1290 ^[A]	-	407 ^[A]	-	1700 ^[A]	19.3	-	380 ^[A]	371 ^[A]	-	31.6
Manganese, Dissolved	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	2	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	ND (0.2)	-	ND (0.2)	ND (0.2)	-	0.28
Nickel	100	23.3	466 ^[A]	972 ^[A]	5.4	18	188 ^[A]	518 ^[A]	9.5	60.5	1480 ^[A]	2460 ^[A]	3.7 J	15	57	3.6 J	4.3	6.2	38.7
Selenium	40	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	1.6 J	-	ND (10)	ND (10)	-	ND (10)
Silver	40	-	ND (2)	-	ND (2)	-	ND (2)	-	ND (2)	-	ND (2)	-	ND (2)	ND (2)	-	ND (2)	ND (2)	-	ND (2)
Sodium	50000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	2000	-	434	-	ND (16)	-	2890 ^[A]	-	ND (16)	-	9790 ^[A]	-	ND (16)	32.6	-	ND (16)	ND (16)	-	15 J
Other (ug/L)																			
Alkalinity, Bicarbonate (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Carbonate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Hydroxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Total (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Dioxide, Free	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon dioxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloride	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved Organic Carbon (DOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrate (as N)	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrite/Nitrate	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Dissolved Solids (TDS)	500000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon (TOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs (ug/L)																			
Aroclor-1016 (PCB-1016)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (ug/L)																			
1,4-Dioxane	0.4	0.33	0.096 J	2.2 ^[A]	0.24	0.24	ND (0.2)	0.14 J	0.6 ^[A]	0.39	ND (0.2)	ND (0.2)	0.31	ND (0.2)	0.46 ^[A]	0.48 ^[A]	0.5 ^[A]	ND (0.2)	0.14 J
2,2'-oxybis(1-Chloropropane)	300	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
2,4,5-Trichlorophenol	700	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
2,4,6-Trichlorophenol	20	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
2,4-Dichlorophenol	20	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-4A	MW-5	MW-5	MW-5A	MW-5A	MW-6	MW-6	MW-6A	MW-6A	MW-7	MW-7	MW-7A	MW-11	MW-11	MW-11A	MW-11A	MW-11A	MW-15
Sample Date	Quality	10/27/2020	03/01/2018	10/26/2020	03/01/2018	10/26/2020	03/01/2018	10/26/2020	03/01/2018	10/26/2020	03/05/2018	10/26/2020	03/05/2018	03/05/2018	10/21/2020	03/05/2018	03/05/2018	10/21/2020	03/05/2018
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	100	-	1.4 J	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
2,4-Dinitrophenol	40	-	ND (21)	-	ND (21)	-	ND (20)	-	ND (21)	-	ND (20)	-	ND (20)	ND (20)	-	ND (20)	ND (20)	-	ND (20)
2,4-Dinitrotoluene	10	-	ND (2.1)	-	ND (2.1)	-	ND (2)	-	ND (2.1)	-	ND (2)	-	ND (2)	ND (2)	-	ND (2)	ND (2)	-	ND (2)
2,6-Dinitrotoluene	10	-	ND (2.1)	-	ND (2.1)	-	ND (2)	-	ND (2.1)	-	ND (2)	-	ND (2)	ND (2)	-	ND (2)	ND (2)	-	ND (2)
2-Chloronaphthalene	600	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
2-Chlorophenol	40	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10) *	-	ND (10) *	ND (10)	-	ND (10) *
2-Methylnaphthalene	30	-	3.6 J	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
2-Methylphenol (o-Cresol)	50	-	ND (10) *	-	ND (10) *	-	ND (10) *	-	ND (10) *	-	ND (10) *	-	ND (10) *	ND (10) *	-	ND (10) *	ND (10) *	-	ND (10) *
2-Nitroaniline	100	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
2-Nitrophenol	100	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
3,3'-Dichlorobenzidine	30	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10) F1	ND (10)	-	ND (10)	ND (10)	-	ND (10)
3-Nitroaniline	100	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
4,6-Dinitro-2-methylphenol	1	-	ND (21)	-	ND (21)	-	ND (20)	-	ND (21)	-	ND (20)	-	ND (20)	ND (20)	-	ND (20)	ND (20)	-	ND (20)
4-Bromophenyl phenyl ether	100	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
4-Chloro-3-methylphenol	100	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
4-Chloroaniline	30	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
4-Chlorophenyl phenyl ether	100	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
4-Methylphenol	50	-	2.3 J	-	ND (10)	-	ND (10)	-	ND (10)	-	27	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
4-Nitroaniline	100	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
4-Nitrophenol	100	-	ND (21)	-	ND (21)	-	ND (20)	-	ND (21)	-	ND (20)	-	ND (20)	ND (20)	-	ND (20)	ND (20)	-	ND (20)
Acenaphthene	400	-	3.2 J	-	1.2 J	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
Acenaphthylene	100	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
Acetophenone	700	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
Anthracene	2000	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
Atrazine	3	-	ND (2.1)	-	ND (2.1)	-	ND (2)	-	ND (2.1)	-	ND (2)	-	ND (2)	ND (2)	-	ND (2)	ND (2)	-	ND (2)
Benzaldehyde	100	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	1.7 J	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
Benzo(a)anthracene	0.1	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	ND (1)	-	ND (1)	ND (1)	-	ND (1)
Benzo(a)pyrene	0.1	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	ND (1)	-	ND (1)	ND (1)	-	ND (1)
Benzo(b)fluoranthene	0.2	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	ND (1)	-	ND (1)	ND (1)	-	ND (1)
Benzo(g,h,i)perylene	100	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
Benzo(k)fluoranthene	0.5	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	ND (1)	-	ND (1)	ND (1)	-	ND (1)
Biphenyl	400	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
bis(2-Chloroethoxy)methane	100	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
bis(2-Chloroethyl)ether	7	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	ND (1)	-	ND (1)	ND (1)	-	ND (1)
bis(2-Ethylhexyl)phthalate	3	-	2 J	-	ND (2.1)	-	ND (2)	-	ND (2.1)	-	ND (2)	-	ND (2)	ND (2)	-	ND (2)	ND (2)	-	ND (2)
Butyl benzylphthalate	100	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
Caprolactam	5000	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10) *	-	ND (10) *	ND (10)	-	ND (10) *
Carbazole	100	-	2.6 J	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
Chrysene	5	-	ND (2.1)	-	ND (2.1)	-	ND (2)	-	ND (2.1)	-	ND (2)	-	ND (2)	ND (2)	-	ND (2)	ND (2)	-	ND (2)
Dibenz(a,h)anthracene	0.3	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	ND (1)	-	ND (1)	ND (1)	-	ND (1)
Dibenzofuran	100	-	1.2 J	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
Diethyl phthalate	6000	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
Dimethyl phthalate	100	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
Di-n-butylphthalate	700	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	0.89 J	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
Di-n-octyl phthalate	100	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
Fluoranthene	300	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
Fluorene	300	-	1.7 J	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
Hexachlorobenzene	0.02	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	ND (1)	-	ND (1)	ND (1)	-	ND (1)
Hexachlorobutadiene	1	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	ND (1) *	-	ND (1) *	ND (1)	-	ND (1) *
Hexachlorocyclopentadiene	40	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
Hexachloroethane	7	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	0.24 J	ND (1)	-	ND (1)	ND (1)	-	ND (1)
Indeno(1,2,3-cd)pyrene	0.2	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	ND (1)	-	ND (1)	ND (1)	-	ND (1)
Isophorone	40	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
Naphthalene	300	-	7.4 J	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
Nitrobenzene	6	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	ND (1)	-	ND (1)	ND (1)	-	ND (1)
N-Nitrosodi-n-propylamine	10	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	-	ND (1)	ND (1)	-	ND (1)	ND (1)	-	ND (1)
N-Nitrosodiphenylamine	10	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
Pentachlorophenol	0.3	-	ND (21)	-	ND (21)	-	ND (20)	-	ND (21)	-	ND (20)	-	ND (20)	ND (20)	-	ND (20)	ND (20)	-	ND (20)
Phenanthrene	100	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
Phenol	2000	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	1.9 J	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
Pyrene	200	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	-	ND (10)	ND (10)	-	ND (10)	ND (10)	-	ND (10)
Volatile Organic Compounds (ug/L)																			
1,1,1-Trichloroethane	30	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1,2,2-Tetrachloroethane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1,2-Trichloroethane	3	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.43 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1-Dichloroethane	50	0.28 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.67 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1-Dichloroethene	1	ND (1)	ND (1)	ND (1)	0.77 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-4A	MW-5	MW-5	MW-5A	MW-5A	MW-6	MW-6	MW-6A	MW-6A	MW-7	MW-7	MW-7A	MW-11	MW-11	MW-11A	MW-11A	MW-11A	MW-15
Sample Date	Quality	10/27/2020	03/01/2018	10/26/2020	03/01/2018	10/26/2020	03/01/2018	10/26/2020	03/01/2018	10/26/2020	03/05/2018	10/26/2020	03/05/2018	03/05/2018	10/21/2020	03/05/2018	03/05/2018	10/21/2020	03/05/2018
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	9	0.54 J	ND (1)	ND (1)	0.87 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.29 J	0.29 J	ND (1)	ND (1)
1,2-Dibromo-3-chloropropane (DBCP)	0.02	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
1,2-Dibromoethane (Ethylene Dibromide)	0.03	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
1,2-Dichlorobenzene	600	0.22 J	0.42 J	ND (1)	0.4 J	0.29 J	ND (1)	ND (1)	ND (1)	ND (1)	0.24 J	ND (1)	0.5 J	ND (1)	ND (1)	0.23 J	0.22 J	ND (1)	ND (1)
1,2-Dichloroethane	2	ND (1)	ND (1)	2	ND (1)	ND (1)	ND (1)	ND (1)	0.3 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichloropropane	1	ND (1)	ND (1)	4 [A]	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,3-Dichlorobenzene	600	0.86 J	3.2	ND (1)	0.48 J	ND (1)	ND (1)	ND (1)	ND (1)	0.57 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,4-Dichlorobenzene	75	3.1	12	0.43 J	2.3	1.3	ND (1)	1	ND (1)	2.5	2.8	1.3	1.1	ND (1)	ND (1)	0.61 J	0.6 J	0.57 J	ND (1)
2-Butanone (Methyl Ethyl Ketone)	300	ND (5)	ND (5)	60	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	3.7 J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Hexanone	300	ND (5)	ND (5)	2.4 J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	100	ND (5)	ND (5)	10	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Acetone	6000	8.5	100 B	560	8 B	ND (5)	6 B	ND (5)	6.5 B	ND (5)	74	6.1	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Benzene	1	ND (1)	17 [A]	1	2.2 [A]	0.67 J	0.14 J	2.6 [A]	0.31 J	6.2 [A]	2.6 [A]	3.5 [A]	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromodichloromethane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromoform	4	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromomethane (Methyl Bromide)	10	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Carbon disulfide	700	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	1.6	ND (1)	ND (1)	0.47 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Carbon tetrachloride	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chlorobenzene	50	1.4	57 [A]	1.1	22	7.1	ND (1)	7.3	2.4	77 [A]	18	13	6.8	ND (1)	ND (1)	0.68 J	0.66 J	ND (1)	ND (1)
Chloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chloroform (Trichloromethane)	70	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.54 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	1.4
Chloromethane (Methyl Chloride)	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
cis-1,2-Dichloroethene	70	4.2	ND (1)	ND (1)	8	0.8 J	ND (1)	ND (1)	8.3	1.8	ND (1)	ND (1)	ND (1)	1.7	1.7	0.61 J	0.62 J	0.63 J	ND (1)
cis-1,3-Dichloropropene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Cyclohexane	100	ND (1)	0.67 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Dibromochloromethane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Dichlorodifluoromethane (CFC-12)	1000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Ethylbenzene	700	ND (1)	6.5	0.87 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.43 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Isopropylbenzene (Cumene)	700	ND (1)	18	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.43 J	0.49 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methyl acetate	7000	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) *	ND (5)	ND (5)	ND (5) *	ND (5)
Methyl cyclohexane	100	ND (1)	2.4	ND (1) *1	ND (1)	ND (1) *1	ND (1)	ND (1) *1	ND (1)	ND (1)	0.66 J	ND (1) *1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methyl Tert Butyl Ether	70	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.19 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methylene chloride	3	ND (1)	ND (1)	3.4 [A]	ND (1)	ND (1)	ND (1)	ND (1)	0.23 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Styrene	100	ND (1)	ND (1)	0.52 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Tetrachloroethene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.88 J	ND (1)	ND (1)	ND (1)	ND (1)	0.37 J	0.27 J	ND (1)	ND (1)	ND (1)	1.2 [A]
Toluene	600	ND (1)	1.2	1.5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,2-Dichloroethene	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.3 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,3-Dichloropropene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Trichloroethene	1	2 [A]	ND (1)	ND (1)	9.1 [A]	ND (1)	ND (1)	ND (1)	7.7 [A]	0.6 J	ND (1)	0.38 J	ND (1)	1.5 [A]	2.3 [A]	0.37 J	0.37 J	ND (1)	1
Trichlorofluoromethane (CFC-11)	2000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.4 J	ND (1)	ND (1)	ND (1)	ND (1)	0.31 J	2.3	ND (1)	ND (1)	ND (1)	ND (1)
Trifluorotrichloroethane (Freon 113)	20000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Vinyl chloride	1	ND (1)	0.11 J	ND (1)	1.7 [A]	0.84 J	ND (1)	ND (1)	0.1 J	0.51 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.25 J	ND (1)
Xylene (total)	1000	ND (2)	19	3.9	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	0.39 J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)

Volatile Organic Compounds SIM (ug/L)

1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.02)	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.02)	-	-
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

1. ND: Result is not detected above the indicated reporting limit.

J: Estimated value

B: Analyte found in blank and sample

H: Analyzed outside of hold time

D: Sample was diluted.

+: Biased high

2. Results in **red** exceed the following criteria:

- Groundwater Quality Standards (GWQS)

3. Results in **bold** are detected.

4. Sample Types: N - Normal Sample

FD - Field Duplicate

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-15	MW-15A	MW-15A	MW-16A	MW-16B	MW-16B	MW-16C	MW-16C	MW-18A	MW-18A	MW-18A	MW-18A	MW-18A	MW-18A	MW-20A	MW-20A	MW-20A	MW-20A
Sample Date	Quality	10/27/2020	03/05/2018	10/27/2020	03/06/2018	03/06/2018	10/26/2020	03/06/2018	10/26/2020	08/20/2019	11/20/2019	12/04/2019	12/19/2019	12/19/2019	10/23/2020	08/20/2019	11/18/2019	12/03/2019	12/18/2019
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Parameters																			
Temperature (Deg C)	-	16	10.85	16.38	11.59	12.57	12.14	12.41	11.34	22.35	10.38	10.56	8.97	-	16.28	20.05	12.52	11.31	11.71
Conductivity, Field (mS/cm)	-	0.687	1.479	0.904	0.312	0.318	0.308	0.362	0.358	0.434	0.375	0.42	0.403	-	0.425	2.743	2.895	2.715	2.785
ORP, Field (mv)	-	164.5	-35.4	-69	-7.9	-158.3	-43.6	122.4	1.6	-123.5	-105.2	-96.9	-100.1	-	-82.9	-60.2	-74.6	78.6	-76.9
Turbidity, Field (NTU)	-	18.8	207	188	78	9.77	199	8.69	9.91	18.1	16.5	18.9	23.1	-	10.7	8.35	8.72	9.19	10.1
pH, Field (pH units)	-	5.03	6.48	6.84	6.36	7.02	6.67	6.87	6.11	6.73	6.9	6.95	6.92	-	6.82	11.91	11.95	11.94	11.93
Dissolved Oxygen, Field (ug/L)	-	620	140	150	350	250	170	1360	1860	300	470	700	870	-	520	470	530	640	750
Inorganic Compounds (ug/L)																			
Antimony	6	-	ND (2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	3	-	ND (2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	6000	-	1130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	4	-	ND (2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	70	157 ^[A]	ND (4)	ND (4)	-	-	331 ^[A]	-	138 ^[A]	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	0.94 J	3.1 J	3.3 J	4.8	7.6
Chromium VI (Hexavalent)	-	-	-	-	-	-	-	-	-	3.4 J	51.3	ND (10)	27.6	33.2	-	ND (10)	ND (10)	ND (10)	ND (10)
Cobalt	100	-	ND (4)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	1300	-	1.9 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide	100	-	4.5 JB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron, Dissolved	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	5	-	ND (1.2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	50	-	1070 ^[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese, Dissolved	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	2	-	ND (0.2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	100	27.5	17.6	2.8 J	-	-	8	-	6.8	7.7	10.6	4.5	ND (4)	ND (4)	5.3	4.8	4.3	5.9	7.9
Selenium	40	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	40	-	ND (2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	50000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	2000	-	10 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other (ug/L)																			
Alkalinity, Bicarbonate (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Carbonate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Hydroxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Total (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Dioxide, Free	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon dioxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloride	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved Organic Carbon (DOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrate (as N)	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrite/Nitrate	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Dissolved Solids (TDS)	500000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon (TOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs (ug/L)																			
Aroclor-1016 (PCB-1016)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (ug/L)																			
1,4-Dioxane	0.4	0.11 J	0.14 J	0.14 J	-	-	2.1 ^[A]	-	2.4 ^[A]	-	-	-	-	-	0.86 ^[A]	-	-	-	-
2,2'-oxybis(1-Chloropropane)	300	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	700	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	20	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	20	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Haley & Aldrich, Inc.																			

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-15	MW-15A	MW-15A	MW-16A	MW-16B	MW-16B	MW-16C	MW-16C	MW-18A	MW-18A	MW-18A	MW-18A	MW-18A	MW-18A	MW-20A	MW-20A	MW-20A	MW-20A
Sample Date	Quality	10/27/2020	03/05/2018	10/27/2020	03/06/2018	03/06/2018	10/26/2020	03/06/2018	10/26/2020	08/20/2019	11/20/2019	12/04/2019	12/19/2019	12/19/2019	10/23/2020	08/20/2019	11/18/2019	12/03/2019	12/18/2019
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	40	-	ND (20)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	10	-	ND (2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	10	-	ND (2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	600	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	40	-	ND (10) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	30	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	50	-	ND (10) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	30	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	1	-	ND (20)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	30	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	50	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	100	-	ND (20)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	400	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetophenone	700	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	2000	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atrazine	3	-	ND (2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	0.1	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	0.1	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	0.2	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	0.5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl	400	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	7	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	3	-	ND (2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	100	-	ND (10)	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	5000	-	ND (10) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	5	-	ND (2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.3	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	6000	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	700	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	300	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	300	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	0.02	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	1	-	ND (1) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	40	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	7	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	0.2	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone	40	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	300	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	6	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	10	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	10	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.3	-	ND (20)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	2000	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	200	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																			
1,1,1-Trichloroethane	30	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1,2,2-Tetrachloroethane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1,2-Trichloroethane	3	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.3 J	0.84 J	2.9	ND (1)	1.4	0.9 J	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1-Dichloroethane	50	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	0.3 J	ND (1)	ND (1)	ND (1)
1,1-Dichloroethene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.67 J	ND (1)	6.3 ^[A]	2 ^[A]	7 ^[A]	5.2 ^[A]	3.5 ^[A]	4.2 ^[A]	0.54 J	ND (1)	ND (1)	ND (1)	ND (1)

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-15	MW-15A	MW-15A	MW-16A	MW-16B	MW-16B	MW-16C	MW-16C	MW-18A	MW-18A	MW-18A	MW-18A	MW-18A	MW-18A	MW-20A	MW-20A	MW-20A	MW-20A
Sample Date	Quality	10/27/2020	03/05/2018	10/27/2020	03/06/2018	03/06/2018	10/26/2020	03/06/2018	10/26/2020	08/20/2019	11/20/2019	12/04/2019	12/19/2019	12/19/2019	10/23/2020	08/20/2019	11/18/2019	12/03/2019	12/18/2019
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	9	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1) *	ND (2)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromo-3-chloropropane (DBCP)	0.02	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromoethane (Ethylene Dibromide)	0.03	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichlorobenzene	600	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichloroethane	2	ND (1)	ND (1)	ND (1)	ND (1)	0.71 J	0.85 J	ND (1)	ND (2)	ND (1)	0.64 J	ND (2)	0.47 J	ND (2)	0.65 J	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichloropropane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,3-Dichlorobenzene	600	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	0.35 J
1,4-Dichlorobenzene	75	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
2-Butanone (Methyl Ethyl Ketone)	300	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (10)	ND (5)	ND (5)	ND (10)	ND (5)	ND (10)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Hexanone	300	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (10)	ND (5)	ND (5)	ND (10)	ND (5)	ND (10)	ND (5)	2.1 J	ND (5)	ND (5)	ND (5)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	100	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (10)	ND (5)	ND (5)	ND (10)	ND (5)	ND (10)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Acetone	6000	ND (5)	ND (5)	ND (5)	2.6 JB	3.4 JB	ND (5)	3.8 JB	ND (10)	ND (5)	7.3	ND (10)	ND (5)	ND (10)	ND (5)	16	12	8.2	8.1
Benzene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	0.58 J	0.54 J	0.54 J	0.58 J
Bromodichloromethane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromoform	4	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromomethane (Methyl Bromide)	10	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1) *	ND (1) *	ND (2)	ND (1)	ND (2)	ND (1)	ND (1) *	ND (1) F2	ND (1)	ND (1)
Carbon disulfide	700	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	27	24	23	24
Carbon tetrachloride	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) *
Chlorobenzene	50	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	0.9 J	0.72 J	ND (2)	0.55 J	ND (2)	1.3	ND (1)	ND (1)	ND (1)	ND (1)
Chloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chloroform (Trichloromethane)	70	0.54 J	0.43 J	ND (1)	ND (1)	ND (1)	ND (1)	0.48 J	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chloromethane (Methyl Chloride)	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
cis-1,2-Dichloroethene	70	ND (1)	0.39 J	0.31 J	0.72 J	2.5	60	0.98 J	50	92 [A]	400 [A]	410 [A]	260 [A]	400 [A]	39	5.3	5.3	4.9	5.1
cis-1,3-Dichloropropene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Cyclohexane	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Dibromochloromethane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Dichlorodifluoromethane (CFC-12)	1000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1) *	ND (2)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Ethylbenzene	700	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Isopropylbenzene (Cumene)	700	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	0.61 J	ND (1)	ND (1)	ND (1)	ND (1)
Methyl acetate	7000	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (10)	ND (5)	ND (5)	ND (10)	ND (5)	ND (10)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Methyl cyclohexane	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) *1	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methyl Tert Butyl Ether	70	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	0.75 J	0.75 J	0.65 J	0.63 J
Methylene chloride	3	ND (1)	ND (1)	ND (1)	ND (1)	0.22 J	ND (1)	0.26 J	ND (2)	ND (1)	ND (1)	ND (2) *	ND (1)	ND (2)	ND (1)	0.92 J	0.75 J	0.67 J	0.47 J
Styrene	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Tetrachloroethene	1	0.44 J	0.45 J	ND (1)	ND (1)	0.21 J	0.26 J	0.25 J	1.6 J [A]	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Toluene	600	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	0.64 J	0.63 J	0.65 J	0.68 J
trans-1,2-Dichloroethene	100	ND (1)	ND (1)	ND (1)	ND (1)	0.27 J	2.8	ND (1)	ND (2)	1.2	2.8	2.8	2.2	2.7	1.5	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,3-Dichloropropene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Trichloroethene	1	0.61 J	0.68 J	ND (1)	2.1 [A]	0.41 J	130 [A]	4.1 [A]	760 [A]	2.6 [A]	300 [A]	22 [A]	1.9 [A]	1.1 J [A]	1.7 [A]	7.2 [A]	8.1 [A]	7.2 [A]	7.8 [A]
Trichlorofluoromethane (CFC-11)	2000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Trifluorotrichloroethane (Freon 113)	20000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Vinyl chloride	1	ND (1)	ND (1)	0.24 J	ND (1)	25 [A]	29 [A]	ND (1)	ND (2)	53 [A]	67 [A]	60 [A]	41 [A]	50 [A]	63 [A]	0.29 J	0.32 J	0.29 J	ND (1)
Xylene (total)	1000	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (4)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)

Volatile Organic Compounds SIM (ug/L)

1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	ND (0.02)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	ND (0.02)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- Notes:
1. ND: Result is not detected above the indicated reporting limit.
J: Estimated value
B: Analyte found in blank and sample
H: Analyzed outside of hold time
D: Sample was diluted.
+: Biased high
 2. Results in **red** exceed the following criteria:
- Groundwater Quality Standards (GWQS)
 3. Results in **bold** are detected.
 4. Sample Types: N - Normal Sample
FD - Field Duplicate

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-20A	MW-21A	MW-21A	MW-22	MW-22A	MW-35	MW-35	MW-35A	MW-35A	MW-37B	MW-37B	MW-37B	MW-37B	MW-37B	MW-43	MW-43	MW-43	MW-44
Sample Date	Quality	10/28/2020	03/05/2018	10/26/2020	03/02/2018	03/02/2018	03/05/2018	10/26/2020	03/05/2018	10/26/2020	08/23/2019	11/20/2019	12/06/2019	12/23/2019	10/23/2020	08/22/2019	10/30/2019	10/23/2020	08/23/2019
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Parameters																			
Temperature (Deg C)	-	14.96	11.51	15.98	8.52	11.89	6.63	15.53	8.52	16.03	16.45	12.9	13.82	8.81	17.22	29.36	19.11	19.37	16.17
Conductivity, Field (mS/cm)	-	2.294	0.901	0.729	0.163	0.711	0.479	0.746	0.889	0.83	0.192	0.316	0.317	0.285	0.182	0.316	0.29	0.453	0.448
ORP, Field (mv)	-	-233.9	106.5	119.8	122	-64.7	215.8	150.1	-22.4	-21.8	-23.9	30.6	-36.9	-102.8	-45.1	74.9	177.2	141.2	181.6
Turbidity, Field (NTU)	-	999	62.3	163	11.6	18.5	1.47	21.3	208	80.3	31.6	32.9	31	24.1	33.8	999	139	89.7	24.6
pH, Field (pH units)	-	12.35	5.73	6.74	6.34	6.18	5.42	5.9	6.71	7.47	8.3	7.13	7.26	8.01	7.92	6.35	5.79	6.78	5.94
Dissolved Oxygen, Field (ug/L)	-	4090	3070	1280	3830	430	2320	630	310	470	390	1720	580	700	610	1470	5780	2510	480
Inorganic Compounds (ug/L)																			
Antimony	6	-	-	-	1.7 J	1.1 J	ND (2)	-	ND (2)	-	-	-	-	-	-	-	-	-	-
Arsenic	3	-	-	-	2.3	3.7 ^[A]	ND (2)	-	1.4 J	-	-	-	-	-	-	-	-	-	-
Barium	6000	-	-	-	37.2	88.2	412	-	361	-	-	-	-	-	-	-	-	-	-
Beryllium	1	-	-	-	ND (0.8)	ND (0.8)	0.28 J	-	ND (0.8)	-	-	-	-	-	-	-	-	-	-
Cadmium	4	-	-	-	ND (2)	ND (2)	ND (2)	-	ND (2)	-	-	-	-	-	-	-	-	-	-
Chromium	70	21.9	-	0.83 J	9	ND (4)	3.4 J	3.1 J	ND (4)	14.3	ND (4)	3.4 J	4	ND (4)	1.9 J	5780 ^[A]	715 ^[A]	2710 ^[A]	450 ^[A]
Chromium VI (Hexavalent)	-	-	-	-	-	-	-	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (2500)	101	-	413
Cobalt	100	-	-	-	ND (4)	ND (4)	ND (4)	-	ND (4)	-	-	-	-	-	-	-	-	-	-
Copper	1300	-	-	-	12.8	5.9	ND (4)	-	3.6 J	-	-	-	-	-	-	-	-	-	-
Cyanide	100	-	-	-	ND (10)	ND (10)	3.7 JB	-	3.3 JB	-	-	-	-	-	-	-	-	-	-
Iron	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron, Dissolved	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	5	-	-	-	1.6	ND (1.2)	ND (1.2)	-	ND (1.2)	-	-	-	-	-	-	-	-	-	-
Manganese	50	-	-	-	16.3	246 ^[A]	82.2 ^[A]	-	866 ^[A]	-	-	-	-	-	-	-	-	-	-
Manganese, Dissolved	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	2	-	-	-	ND (0.2)	ND (0.2)	ND (0.2)	-	ND (0.2)	-	-	-	-	-	-	-	-	-	-
Nickel	100	20.4	-	ND (4)	20.8	13.4	11.9	11.5	11	20.1	ND (4)	ND (4)	ND (4)	ND (4)	0.77 J	3980 ^[A]	72.3	2110 ^[A]	4110 ^[A]
Selenium	40	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
Silver	40	-	-	-	ND (2)	ND (2)	ND (2)	-	ND (2)	-	-	-	-	-	-	-	-	-	-
Sodium	50000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	2000	-	-	-	138	18.4	12.1 J	-	ND (16)	-	-	-	-	-	-	-	-	-	-
Other (ug/L)																			
Alkalinity, Bicarbonate (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Carbonate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Hydroxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Total (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Dioxide, Free	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon dioxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloride	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved Organic Carbon (DOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ND (7.5)	-
Ethene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ND (7)	-
Methane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ND (4)	-
Nitrate (as N)	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrite/Nitrate	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Dissolved Solids (TDS)	500000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon (TOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6800	2800 B	3000	-
PCBs (ug/L)																			
Aroclor-1016 (PCB-1016)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (ug/L)																			
1,4-Dioxane	0.4	1.6 ^[A]	-	0.12 J	ND (0.2)	ND (0.2)	ND (0.2)	0.1 J	0.2	0.5 ^[A]	-	-	-	-	ND (0.2)	0.63 H ^[A]	1.4 ^[A]	-	-
2,2'-oxybis(1-Chloropropane)	300	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	700	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	20	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	20	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
Haley & Aldrich, Inc.																			

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-20A	MW-21A	MW-21A	MW-22	MW-22A	MW-35	MW-35	MW-35A	MW-35A	MW-37B	MW-37B	MW-37B	MW-37B	MW-37B	MW-43	MW-43	MW-43	MW-44
Sample Date	Quality	10/28/2020	03/05/2018	10/26/2020	03/02/2018	03/02/2018	03/05/2018	10/26/2020	03/05/2018	10/26/2020	08/23/2019	11/20/2019	12/06/2019	12/23/2019	10/23/2020	08/22/2019	10/30/2019	10/23/2020	08/23/2019
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	100	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	40	-	-	-	ND (21)	ND (20)	ND (20)	-	ND (20)	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	10	-	-	-	ND (2.1)	ND (2)	ND (2)	-	ND (2)	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	10	-	-	-	ND (2.1)	ND (2)	ND (2)	-	ND (2)	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	600	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	40	-	-	-	ND (10)	ND (10)	ND (10) *	-	ND (10) *	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	30	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	50	-	-	-	ND (10)	ND (10)	ND (10) *	-	ND (10) *	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	100	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	100	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	30	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	100	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	1	-	-	-	ND (21)	ND (20)	ND (20)	-	ND (20)	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	100	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	100	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	30	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	100	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	50	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	100	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	100	-	-	-	ND (21)	ND (20)	ND (20)	-	ND (20)	-	-	-	-	-	-	-	-	-	-
Acenaphthene	400	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	100	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
Acetophenone	700	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
Anthracene	2000	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
Atrazine	3	-	-	-	ND (2.1) *	ND (2) *	ND (2)	-	ND (2)	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	100	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	0.1	-	-	-	ND (1)	ND (1)	ND (1)	-	ND (1)	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	0.1	-	-	-	ND (1)	ND (1)	ND (1)	-	ND (1)	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	0.2	-	-	-	ND (1)	ND (1)	ND (1)	-	ND (1)	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	100	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	0.5	-	-	-	ND (1)	ND (1)	ND (1)	-	ND (1)	-	-	-	-	-	-	-	-	-	-
Biphenyl	400	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	100	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	7	-	-	-	ND (1)	ND (1)	ND (1)	-	ND (1)	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	3	-	-	-	ND (2.1)	ND (2)	ND (2)	-	ND (2)	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	100	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
Caprolactam	5000	-	-	-	ND (10)	ND (10)	ND (10) *	-	ND (10) *	-	-	-	-	-	-	-	-	-	-
Carbazole	100	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
Chrysene	5	-	-	-	ND (2.1)	ND (2)	ND (2)	-	ND (2)	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.3	-	-	-	ND (1)	ND (1)	ND (1)	-	ND (1)	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	100	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	6000	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	100	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	700	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	100	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
Fluoranthene	300	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
Fluorene	300	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	0.02	-	-	-	ND (1)	ND (1)	ND (1)	-	ND (1)	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	1	-	-	-	ND (1)	ND (1)	ND (1) *	-	ND (1) *	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	40	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	7	-	-	-	ND (1)	ND (1)	ND (1)	-	ND (1)	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	0.2	-	-	-	ND (1)	ND (1)	ND (1)	-	ND (1)	-	-	-	-	-	-	-	-	-	-
Isophorone	40	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
Naphthalene	300	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	6	-	-	-	ND (1)	ND (1)	ND (1)	-	ND (1)	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	10	-	-	-	ND (1)	ND (1)	ND (1)	-	ND (1)	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	10	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.3	-	-	-	ND (21)	ND (20)	ND (20)	-	ND (20)	-	-	-	-	-	-	-	-	-	-
Phenanthrene	100	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
Phenol	2000	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
Pyrene	200	-	-	-	ND (10)	ND (10)	ND (10)	-	ND (10)	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																			
1,1,1-Trichloroethane	30	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1,2,2-Tetrachloroethane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) *	ND (1)	ND (1)	ND (1)
1,1,2-Trichloroethane	3	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	2.3	3	1.8	0.7 J	ND (1)	ND (1)	ND (1)	ND (1)
1,1-Dichloroethane	50	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1-Dichloroethene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.35 J	0.71 J	0.56 J	0.64 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-20A	MW-21A	MW-21A	MW-22	MW-22A	MW-35	MW-35	MW-35A	MW-35A	MW-37B	MW-37B	MW-37B	MW-37B	MW-37B	MW-43	MW-43	MW-43	MW-44
Sample Date	Quality	10/28/2020	03/05/2018	10/26/2020	03/02/2018	03/02/2018	03/05/2018	10/26/2020	03/05/2018	10/26/2020	08/23/2019	11/20/2019	12/06/2019	12/23/2019	10/23/2020	08/22/2019	10/30/2019	10/23/2020	08/23/2019
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	9	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.28 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromo-3-chloropropane (DBCP)	0.02	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromoethane (Ethylene Dibromide)	0.03	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichlorobenzene	600	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichloroethane	2	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichloropropane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,3-Dichlorobenzene	600	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,4-Dichlorobenzene	75	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.94 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
2-Butanone (Methyl Ethyl Ketone)	300	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	5.3	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Hexanone	300	2.5 J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	100	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Acetone	6000	71	ND (5)	ND (5)	2.1 J	3 J	ND (5)	ND (5)	ND (5)	27	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	8.2	6.6	ND (5)	7.1
Benzene	1	0.56 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromodichloromethane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromoform	4	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromomethane (Methyl Bromide)	10	ND (1) *	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) *	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) *	ND (1)	ND (1)
Carbon disulfide	700	27	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	8	ND (1)	ND (1)	ND (1)
Carbon tetrachloride	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chlorobenzene	50	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.62 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) *	ND (1)	ND (1)	ND (1) *	ND (1)	ND (1)
Chloroform (Trichloromethane)	70	ND (1)	4.1	ND (1)	ND (1)	ND (1)	1.4	0.73 J	0.54 J	ND (1)	ND (1)	0.54 J	0.7 J	0.52 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chloromethane (Methyl Chloride)	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
cis-1,2-Dichloroethene	70	3.8	29	ND (1)	ND (1)	0.6 J	16	18	5.3	0.27 J	5.8	33	28	19	8.5	ND (1)	ND (1)	ND (1)	0.32 J
cis-1,3-Dichloropropene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Cyclohexane	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Dibromochloromethane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Dichlorodifluoromethane (CFC-12)	1000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Ethylbenzene	700	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Isopropylbenzene (Cumene)	700	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methyl acetate	7000	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Methyl cyclohexane	100	ND (1)	ND (1)	ND (1) *1	ND (1)	ND (1)	ND (1)	ND (1) *1	ND (1)	ND (1) *1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) *1	ND (1)
Methyl Tert Butyl Ether	70	0.62 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methylene chloride	3	0.67 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.32 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Styrene	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Tetrachloroethene	1	ND (1)	3.1 ^[A]	ND (1)	0.19 J	ND (1)	0.63 J	0.31 J	0.41 J	ND (1)	ND (1)	1.6 ^[A]	2.2 ^[A]	1.2 ^[A]	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Toluene	600	0.57 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,2-Dichloroethene	100	ND (1)	0.53 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,3-Dichloropropene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Trichloroethene	1	5.9 ^[A]	4 ^[A]	ND (1)	0.64 J	ND (1)	3.7 ^[A]	3.6 ^[A]	1.4 ^[A]	ND (1)	21 ^[A]	84 ^[A]	80 ^[A]	49 ^[A]	12 ^[A]	2.6 ^[A]	6.9 ^[A]	0.72 J	2.6 ^[A]
Trichlorofluoromethane (CFC-11)	2000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Trifluorotrichloroethane (Freon 113)	20000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Vinyl chloride	1	ND (1)	ND (1)	ND (1)	ND (1)	0.11 J	ND (1)	ND (1)	4.4 ^[A]	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Xylene (total)	1000	ND (2)	ND (2)	ND (2)	0.39 J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)

Volatile Organic Compounds SIM (ug/L)

1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

1. ND: Result is not detected above the indicated reporting limit.
J: Estimated value
B: Analyte found in blank and sample
H: Analyzed outside of hold time
D: Sample was diluted.
+: Biased high
2. Results in **red** exceed the following criteria:
- Groundwater Quality Standards (GWQS)
3. Results in **bold** are detected.
4. Sample Types: N - Normal Sample
FD - Field Duplicate

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-44	MW-44	MW-44	MW-44	MW-62	MW-62	MW-73	MW-73	MW-73R	MW-73R	MW-75	MW-75	MW-76	MW-76	MW-77	MW-77	MW-77A	MW-77A
Sample Date	Quality	11/20/2019	12/03/2019	12/18/2019	10/28/2020	03/05/2018	10/26/2020	08/23/2019	11/20/2019	12/23/2019	10/23/2020	03/02/2018	10/26/2020	03/02/2018	10/21/2020	03/02/2018	10/21/2020	03/02/2018	10/21/2020
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Parameters																			
Temperature (Deg C)	-	11.58	14.61	14.52	16.43	9.32	14.24	15.14	14.01	14.11	16.71	8.21	14.19	11.17	19.41	12.12	19.19	11.78	17.02
Conductivity, Field (mS/cm)	-	0.388	0.408	0.316	0.413	0.866	0.813	0.339	0.309	0.279	0.268	0.546	0.548	0.364	0.411	0.791	0.419	1.551	1.252
ORP, Field (mv)	-	165.1	19.8	-16.9	-22.3	-12.3	-8.3	26.2	3.6	3.9	12.5	50.6	77.3	45.3	156.5	159.3	234.6	180.7	235.6
Turbidity, Field (NTU)	-	27.9	173	35.4	999	41.2	4.39	0.82	2.49	52.9	11.2	4.2	7.08	32.1	19.7	7.3	5.63	18.9	3.26
pH, Field (pH units)	-	6.2	6.23	6.19	9.21	6.73	5.98	5.28	6.15	6.13	6.01	7.4	7.76	6.39	6.6	6.83	6.59	6.05	5.78
Dissolved Oxygen, Field (ug/L)	-	570	310	2070	3830	520	40	170	220	780	490	2680	5610	1890	4670	530	360	350	1480
Inorganic Compounds (ug/L)																			
Antimony	6	-	-	-	-	1.7 J	-	-	-	-	-	2.1	-	3.5	-	2.5	-	-	-
Arsenic	3	-	-	-	-	3.8 ^[AI]	-	-	-	-	-	ND (2)	-	4 ^[AI]	-	4.2 ^[AI]	-	-	-
Barium	6000	-	-	-	-	111	-	-	-	-	-	150	-	156	-	109	-	-	-
Beryllium	1	-	-	-	-	ND (0.8)	-	-	-	-	-	ND (0.8)	-	0.43 J	-	ND (0.8)	-	-	-
Cadmium	4	-	-	-	-	1.9 J	-	-	-	-	-	ND (2)	-	ND (2)	-	ND (2)	-	-	-
Chromium	70	2150 ^[AI]	1520 ^[AI]	680 ^[AI]	-	5.2	1.6 J	ND (4)	ND (4)	22.1	6.3	ND (4)	1.5 J	32	5.3	58.2	2.3 J	-	20.8
Chromium VI (Hexavalent)	-	10700	1350	1720	-	-	-	ND (10)	ND (10)	ND (20)	-	-	-	-	-	-	-	-	-
Cobalt	100	-	-	-	-	11	-	-	-	-	-	ND (4)	-	7.1	-	4	-	-	-
Copper	1300	-	-	-	-	112	-	-	-	-	-	ND (4)	-	30.6	-	27.6	-	-	-
Cyanide	100	-	-	-	-	3.9 JB	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
Iron	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron, Dissolved	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	5	-	-	-	-	17.4 ^[AI]	-	-	-	-	-	0.37 J	-	9.1 ^[AI]	-	14.1 ^[AI]	-	-	-
Manganese	50	-	-	-	-	1160 ^[AI]	-	-	-	-	-	7.9 J	-	799 ^[AI]	-	1190 ^[AI]	-	-	-
Manganese, Dissolved	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	2	-	-	-	-	ND (0.2)	-	-	-	-	-	ND (0.2)	-	ND (0.2)	-	ND (0.2)	-	-	-
Nickel	100	3750 ^[AI]	4050 ^[AI]	2200 ^[AI]	-	2440 ^[AI]	4230 ^[AI]	ND (4)	ND (4)	20.4	7.4	ND (4)	0.71 J	11.4	1.4 J	118 ^[AI]	68.6	-	355 ^[AI]
Selenium	40	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
Silver	40	-	-	-	-	ND (2)	-	-	-	-	-	ND (2)	-	ND (2)	-	ND (2)	-	-	-
Sodium	50000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	2000	-	-	-	-	8380 ^[AI]	-	-	-	-	-	17.2	-	51.4	-	227	-	-	-
Other (ug/L)																			
Alkalinity, Bicarbonate (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Carbonate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Hydroxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Total (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Dioxide, Free	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon dioxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloride	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved Organic Carbon (DOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrate (as N)	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrite/Nitrate	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Dissolved Solids (TDS)	500000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon (TOC)	-	-	-	-	-	-	-	-	-	-	1700	-	-	-	-	-	-	-	-
PCBs (ug/L)																			
Aroclor-1016 (PCB-1016)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (ug/L)																			
1,4-Dioxane	0.4	-	-	-	-	ND (0.2)	0.1 J	-	-	-	0.14 J	0.92 ^[AI]	0.9 ^[AI]	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	-	-
2,2'-oxybis(1-Chloropropane)	300	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
2,4,5-Trichlorophenol	700	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
2,4,6-Trichlorophenol	20	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
2,4-Dichlorophenol	20	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
Haley & Aldrich, Inc.																			

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-44	MW-44	MW-44	MW-44	MW-62	MW-62	MW-73	MW-73	MW-73R	MW-73R	MW-75	MW-75	MW-76	MW-76	MW-77	MW-77	MW-77A	MW-77A
Sample Date	Quality	11/20/2019	12/03/2019	12/18/2019	10/28/2020	03/05/2018	10/26/2020	08/23/2019	11/20/2019	12/23/2019	10/23/2020	03/02/2018	10/26/2020	03/02/2018	10/21/2020	03/02/2018	10/21/2020	03/02/2018	10/21/2020
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	100	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
2,4-Dinitrophenol	40	-	-	-	-	ND (20)	-	-	-	-	-	ND (20)	-	ND (20)	-	ND (20)	-	-	-
2,4-Dinitrotoluene	10	-	-	-	-	ND (2)	-	-	-	-	-	ND (2)	-	ND (2)	-	ND (2)	-	-	-
2,6-Dinitrotoluene	10	-	-	-	-	ND (2)	-	-	-	-	-	ND (2)	-	ND (2)	-	ND (2)	-	-	-
2-Chloronaphthalene	600	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
2-Chlorophenol	40	-	-	-	-	ND (10) *	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
2-Methylnaphthalene	30	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
2-Methylphenol (o-Cresol)	50	-	-	-	-	ND (10) *	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
2-Nitroaniline	100	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
2-Nitrophenol	100	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
3,3'-Dichlorobenzidine	30	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
3-Nitroaniline	100	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
4,6-Dinitro-2-methylphenol	1	-	-	-	-	ND (20)	-	-	-	-	-	ND (20)	-	ND (20)	-	ND (20)	-	-	-
4-Bromophenyl phenyl ether	100	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
4-Chloro-3-methylphenol	100	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
4-Chloroaniline	30	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
4-Chlorophenyl phenyl ether	100	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
4-Methylphenol	50	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
4-Nitroaniline	100	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
4-Nitrophenol	100	-	-	-	-	ND (20)	-	-	-	-	-	ND (20)	-	ND (20)	-	ND (20)	-	-	-
Acenaphthene	400	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
Acenaphthylene	100	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
Acetophenone	700	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
Anthracene	2000	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
Atrazine	3	-	-	-	-	ND (2)	-	-	-	-	-	ND (2) *	-	ND (2) *	-	ND (2) *	-	-	-
Benzaldehyde	100	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
Benzo(a)anthracene	0.1	-	-	-	-	ND (1)	-	-	-	-	-	ND (1)	-	ND (1)	-	ND (1)	-	-	-
Benzo(a)pyrene	0.1	-	-	-	-	ND (1)	-	-	-	-	-	ND (1)	-	ND (1)	-	ND (1)	-	-	-
Benzo(b)fluoranthene	0.2	-	-	-	-	ND (1)	-	-	-	-	-	ND (1)	-	ND (1)	-	ND (1)	-	-	-
Benzo(g,h,i)perylene	100	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
Benzo(k)fluoranthene	0.5	-	-	-	-	ND (1)	-	-	-	-	-	ND (1)	-	ND (1)	-	ND (1)	-	-	-
Biphenyl	400	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
bis(2-Chloroethoxy)methane	100	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
bis(2-Chloroethyl)ether	7	-	-	-	-	ND (1)	-	-	-	-	-	ND (1)	-	ND (1)	-	ND (1)	-	-	-
bis(2-Ethylhexyl)phthalate	3	-	-	-	-	ND (2)	-	-	-	-	-	ND (2)	-	ND (2)	-	ND (2)	-	-	-
Butyl benzylphthalate	100	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
Caprolactam	5000	-	-	-	-	ND (10) *	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
Carbazole	100	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
Chrysene	5	-	-	-	-	ND (2)	-	-	-	-	-	ND (2)	-	ND (2)	-	ND (2)	-	-	-
Dibenz(a,h)anthracene	0.3	-	-	-	-	ND (1)	-	-	-	-	-	ND (1)	-	ND (1)	-	ND (1)	-	-	-
Dibenzofuran	100	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
Diethyl phthalate	6000	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
Dimethyl phthalate	100	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
Di-n-butylphthalate	700	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
Di-n-octyl phthalate	100	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
Fluoranthene	300	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
Fluorene	300	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
Hexachlorobenzene	0.02	-	-	-	-	ND (1)	-	-	-	-	-	ND (1)	-	ND (1)	-	ND (1)	-	-	-
Hexachlorobutadiene	1	-	-	-	-	ND (1) *	-	-	-	-	-	ND (1)	-	ND (1)	-	ND (1)	-	-	-
Hexachlorocyclopentadiene	40	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
Hexachloroethane	7	-	-	-	-	ND (1)	-	-	-	-	-	ND (1)	-	ND (1)	-	ND (1)	-	-	-
Indeno(1,2,3-cd)pyrene	0.2	-	-	-	-	ND (1)	-	-	-	-	-	ND (1)	-	ND (1)	-	ND (1)	-	-	-
Isophorone	40	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
Naphthalene	300	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
Nitrobenzene	6	-	-	-	-	ND (1)	-	-	-	-	-	ND (1)	-	ND (1)	-	ND (1)	-	-	-
N-Nitrosodi-n-propylamine	10	-	-	-	-	ND (1)	-	-	-	-	-	ND (1)	-	ND (1)	-	ND (1)	-	-	-
N-Nitrosodiphenylamine	10	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
Pentachlorophenol	0.3	-	-	-	-	ND (20)	-	-	-	-	-	ND (20)	-	ND (20)	-	ND (20)	-	-	-
Phenanthrene	100	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
Phenol	2000	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
Pyrene	200	-	-	-	-	ND (10)	-	-	-	-	-	ND (10)	-	ND (10)	-	ND (10)	-	-	-
Volatile Organic Compounds (ug/L)																			
1,1,1-Trichloroethane	30	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1,2,2-Tetrachloroethane	1	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1,2-Trichloroethane	3	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	0.43 J	ND (1)	0.27 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1-Dichloroethane	50	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.51 J	0.32 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1-Dichloroethene	1	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	0.95 J	0.68 J	0.49 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-44	MW-44	MW-44	MW-44	MW-62	MW-62	MW-73	MW-73	MW-73R	MW-73R	MW-75	MW-75	MW-76	MW-76	MW-77	MW-77	MW-77A	MW-77A
Sample Date	Quality	11/20/2019	12/03/2019	12/18/2019	10/28/2020	03/05/2018	10/26/2020	08/23/2019	11/20/2019	12/23/2019	10/23/2020	03/02/2018	10/26/2020	03/02/2018	10/21/2020	03/02/2018	10/21/2020	03/02/2018	10/21/2020
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	9	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromo-3-chloropropane (DBCP)	0.02	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)
1,2-Dibromoethane (Ethylene Dibromide)	0.03	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)
1,2-Dichlorobenzene	600	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichloroethane	2	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichloropropane	1	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,3-Dichlorobenzene	600	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,4-Dichlorobenzene	75	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
2-Butanone (Methyl Ethyl Ketone)	300	ND (5)	ND (5)	ND (5)	-	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Hexanone	300	ND (5)	ND (5)	ND (5)	-	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	100	ND (5)	ND (5)	ND (5)	-	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Acetone	6000	6.2	ND (5)	ND (5)	-	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	290	ND (5)	3.8 J	ND (5)	2.7 J	ND (5)	3 J	ND (5)
Benzene	1	ND (1)	ND (1)	ND (1)	-	0.34 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.12 J	ND (1)	ND (1)	ND (1)
Bromodichloromethane	1	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromoform	4	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromomethane (Methyl Bromide)	10	ND (1) *	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1) *	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Carbon disulfide	700	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Carbon tetrachloride	1	ND (1)	ND (1)	ND (1) *	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chlorobenzene	50	ND (1)	ND (1)	ND (1)	-	0.29 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chloroethane	5	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) *	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chloroform (Trichloromethane)	70	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.32 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chloromethane (Methyl Chloride)	100	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
cis-1,2-Dichloroethene	70	0.99 J	1	2.7	-	ND (1)	ND (1)	62 F1	47	44	27	1.9	2.2	0.68 J	0.86 J	12	0.39 J	1.4	2.7
cis-1,3-Dichloropropene	1	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Cyclohexane	100	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Dibromochloromethane	1	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Dichlorodifluoromethane (CFC-12)	1000	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Ethylbenzene	700	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	0.83 J	1.5	1.6	0.9 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Isopropylbenzene (Cumene)	700	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	21	40	24	21	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methyl acetate	7000	ND (5)	ND (5)	ND (5)	-	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) *	ND (5)	ND (5) *	ND (5)	ND (5) *
Methyl cyclohexane	100	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1) *1	ND (1)	ND (1)	ND (1)	ND (1) *1	ND (1)	ND (1) *1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methyl Tert Butyl Ether	70	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.38 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methylene chloride	3	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	1.5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Styrene	100	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Tetrachloroethene	1	ND (1)	ND (1)	0.3 J	-	ND (1)	ND (1)	ND (1)	ND (1)	0.25 J	ND (1)	0.29 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Toluene	600	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,2-Dichloroethene	100	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	0.52 J	0.43 J	ND (1)	ND (1)	0.4 J	0.29 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,3-Dichloropropene	1	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Trichloroethene	1	24 ^[A]	16 ^[A]	300 ^[A]	-	ND (1)	ND (1)	5.8 ^[A]	1.9 ^[A]	35 ^[A]	14 ^[A]	3.9 ^[A]	3.1 ^[A]	2.2 ^[A]	1.3 ^[A]	0.36 J	0.4 J	1.5 ^[A]	2.4 ^[A]
Trichlorofluoromethane (CFC-11)	2000	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.35 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Trifluorotrichloroethane (Freon 113)	20000	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Vinyl chloride	1	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)	17 ^[A]	21 ^[A]	9.2 ^[A]	5.4 ^[A]	ND (1)	ND (1)	ND (1)	ND (1)	0.57 J	ND (1)	ND (1)	ND (1)
Xylene (total)	1000	ND (1)	ND (1)	ND (1)	-	ND (2)	ND (2)	ND (1)	ND (1)	12	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)

Volatile Organic Compounds SIM (ug/L)

1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.02)	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.02)	-	-	-
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

1. ND: Result is not detected above the indicated reporting limit.
J: Estimated value
B: Analyte found in blank and sample
H: Analyzed outside of hold time
D: Sample was diluted.
+: Biased high
2. Results in **red** exceed the following criteria:
- Groundwater Quality Standards (GWQS)
3. Results in **bold** are detected.
4. Sample Types: N - Normal Sample
FD - Field Duplicate

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-80	MW-80	MW-80	MW-80	MW-80	MW-80	MW-80	MW-80	MW-81	MW-81	MW-81	MW-81	MW-81	MW-81	MW-81	MW-82	MW-82	MW-82
Sample Date	Quality	08/22/2019	10/03/2019	10/30/2019	11/18/2019	12/03/2019	12/18/2019	04/08/2020	10/21/2020	08/23/2019	08/23/2019	11/18/2019	12/03/2019	12/19/2019	04/08/2020	10/21/2020	08/23/2019	11/19/2019	12/04/2019
Sample Type	Standards	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Parameters																			
Temperature (Deg C)	-	18.75	16.55	16.63	15.74	14.02	17.12	16.67	19.33	15.4	-	13.68	14.32	10.81	16.04	17.98	15.714	12.34	11.53
Conductivity, Field (mS/cm)	-	0.258	0.258	0.234	0.252	0.273	0.234	0.304	0.23	0.592	-	0.783	0.79	0.804	0.75	0.386	0.283	0.309	0.315
ORP, Field (mv)	-	116.5	205.5	63.9	94.6	29.3	-20.4	37.8	169.2	-35.6	-	16.5	18.5	18	46.1	136.1	112.6	109.5	142.5
Turbidity, Field (NTU)	-	4.29	9.43	10.6	4.81	56.5	13.9	51.8	138	15.6	-	17.8	17	19.6	14.8	56	18.1	22.7	25.9
pH, Field (pH units)	-	5.36	5.7	5.52	6.05	5.9	5.78	6.03	6.3	6.71	-	6.97	6.96	7.04	6.98	6.43	5.86	5.76	5.86
Dissolved Oxygen, Field (ug/L)	-	290	350	1880	580	660	2370	710	3790	310	-	300	370	360	560	840	410	670	790
Inorganic Compounds (ug/L)																			
Antimony	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	6000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	70	1410 ^[A]	-	1280 ^[A]	594 ^[A]	937 ^[A]	1230 ^[A]	454 ^[A]	453 ^[A]	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	4.5	10	3.7 J	50	58.8
Chromium VI (Hexavalent)	-	1160	-	1090	513	794	26.2	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	-	ND (10)	29.6	33.9
Cobalt	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	1300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron, Dissolved	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese, Dissolved	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	100	30.8	-	20.1	35.5	34	17.7	43	19.9	52.5	50.5	71.9	110 ^[A]	125 ^[A]	165 ^[A]	143 ^[A]	14.9	17.7	14.6
Selenium	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	50000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other (ug/L)																			
Alkalinity, Bicarbonate (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Carbonate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Hydroxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Total (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Dioxide, Free	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon dioxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloride	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved Organic Carbon (DOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethane	-	-	-	-	-	-	-	-	ND (7.5)	-	-	-	-	-	-	-	-	-	-
Ethene	-	-	-	-	-	-	-	-	ND (7)	-	-	-	-	-	-	-	-	-	-
Methane	-	-	-	-	-	-	-	-	12	-	-	-	-	-	-	-	-	-	-
Nitrate (as N)	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrite/Nitrate	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Dissolved Solids (TDS)	500000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon (TOC)	-	3200	-	3200 B	2700	2600	2400	-	2000	-	-	-	-	-	-	-	-	-	-
PCBs (ug/L)																			
Aroclor-1016 (PCB-1016)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (ug/L)																			
1,4-Dioxane	0.4	0.2 H	0.46 ^[A]	0.57 ^[A]	0.19 J	0.28	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Haley & Aldrich, Inc.																			

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-80	MW-80	MW-80	MW-80	MW-80	MW-80	MW-80	MW-80	MW-81	MW-81	MW-81	MW-81	MW-81	MW-81	MW-81	MW-82	MW-82	MW-82
Sample Date	Quality	08/22/2019	10/03/2019	10/30/2019	11/18/2019	12/03/2019	12/18/2019	04/08/2020	10/21/2020	08/23/2019	08/23/2019	11/18/2019	12/03/2019	12/19/2019	04/08/2020	10/21/2020	08/23/2019	11/19/2019	12/04/2019
Sample Type	Standards	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetophenone	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atrazine	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	100	-	-	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	5000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	6000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																			
1,1,1-Trichloroethane	30	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
1,1,2,2-Tetrachloroethane	1	ND (1) *	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
1,1,2-Trichloroethane	3	ND (1)	-	ND (1)	0.95 J	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
1,1-Dichloroethane	50	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
1,1-Dichloroethene	1	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-80	MW-80	MW-80	MW-80	MW-80	MW-80	MW-80	MW-80	MW-81	MW-81	MW-81	MW-81	MW-81	MW-81	MW-81	MW-82	MW-82	MW-82
Sample Date	Quality	08/22/2019	10/03/2019	10/30/2019	11/18/2019	12/03/2019	12/18/2019	04/08/2020	10/21/2020	08/23/2019	08/23/2019	11/18/2019	12/03/2019	12/19/2019	04/08/2020	10/21/2020	08/23/2019	11/19/2019	12/04/2019
Sample Type	Standards	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	9	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
1,2-Dibromo-3-chloropropane (DBCP)	0.02	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1) *	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
1,2-Dibromoethane (Ethylene Dibromide)	0.03	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
1,2-Dichlorobenzene	600	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
1,2-Dichloroethane	2	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
1,2-Dichloropropane	1	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
1,3-Dichlorobenzene	600	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
1,4-Dichlorobenzene	75	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
2-Butanone (Methyl Ethyl Ketone)	300	ND (5)	-	ND (5)	ND (10)	ND (10)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (10)	ND (10)	ND (25)	ND (25)	ND (10)	ND (5)	ND (5)	ND (5)
2-Hexanone	300	ND (5)	-	ND (5)	ND (10)	ND (10)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (10)	ND (10)	ND (25)	ND (25)	ND (10)	ND (5)	ND (5)	ND (5) F2
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	100	ND (5)	-	ND (5)	ND (10)	ND (10)	ND (5)	ND (25)	ND (5)	ND (5)	ND (5)	ND (10)	ND (10)	ND (25)	ND (25)	ND (10)	ND (5)	ND (5)	ND (5) F2
Acetone	6000	ND (5)	-	ND (5)	ND (10)	ND (10)	ND (5)	ND (25)	ND (5)	9.6	8.7	ND (10)	ND (10)	ND (25)	ND (25)	ND (10)	ND (5)	6.2	ND (5)
Benzene	1	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
Bromodichloromethane	1	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
Bromoform	4	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5) *	ND (2)	ND (1)	ND (1)	ND (1)
Bromomethane (Methyl Bromide)	10	ND (1)	-	ND (1) *	ND (2)	ND (2)	ND (1)	ND (5)	ND (1) *	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2) *	ND (1)	ND (1)	ND (1)
Carbon disulfide	700	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
Carbon tetrachloride	1	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
Chlorobenzene	50	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
Chloroethane	5	ND (1)	-	ND (1) *	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
Chloroform (Trichloromethane)	70	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	0.34 J	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
Chloromethane (Methyl Chloride)	100	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
cis-1,2-Dichloroethene	70	1.7	-	2.4	1.9 J	1.7 J	1	ND (5)	1.9	41	41	10	13	20	5.4	3.3	ND (1)	ND (1)	ND (1)
cis-1,3-Dichloropropene	1	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
Cyclohexane	100	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
Dibromochloromethane	1	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
Dichlorodifluoromethane (CFC-12)	1000	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
Ethylbenzene	700	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
Isopropylbenzene (Cumene)	700	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	0.93 J	0.88 J	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
Methyl acetate	7000	ND (5)	-	ND (5)	ND (10)	ND (10)	ND (5)	ND (25)	ND (5) *	ND (5)	ND (5)	ND (10)	ND (10)	ND (25)	ND (25)	ND (10) *	ND (5)	ND (5)	ND (5)
Methyl cyclohexane	100	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
Methyl Tert Butyl Ether	70	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
Methylene chloride	3	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
Styrene	100	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
Tetrachloroethene	1	ND (1)	-	0.5 J	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	0.29 J	ND (1)	0.5 J	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
Toluene	600	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
trans-1,2-Dichloroethene	100	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	0.34 J	0.32 J	ND (2)	0.58 J	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
trans-1,3-Dichloropropene	1	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
Trichloroethene	1	250 ^[AI]	-	440 ^[AI]	920 ^[AI]	770 ^[AI]	48 ^[AI]	1400 ^[AI]	16 ^[AI]	360 ^[AI]	370 ^[AI]	540 ^[AI]	580 ^[AI]	1800 ^[AI]	1200 ^[AI]	550 ^[AI]	0.48 J	2 ^[AI]	1.4 ^[AI]
Trichlorofluoromethane (CFC-11)	2000	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
Trifluorotrichloroethane (Freon 113)	20000	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
Vinyl chloride	1	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (1)	ND (1)	ND (1)
Xylene (total)	1000	ND (1)	-	ND (1)	ND (2)	ND (2)	ND (1)	ND (5)	ND (2)	0.77 J	0.78 J	ND (2)	ND (2)	ND (5)	ND (5)	ND (4)	ND (1)	ND (1)	ND (1)

Volatile Organic Compounds SIM (ug/L)

1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- Notes:
1. ND: Result is not detected above the indicated reporting limit.
J: Estimated value
B: Analyte found in blank and sample
H: Analyzed outside of hold time
D: Sample was diluted.
+: Biased high
 2. Results in **red** exceed the following criteria:
- Groundwater Quality Standards (GWQS)
 3. Results in **bold** are detected.
 4. Sample Types: N - Normal Sample
FD - Field Duplicate

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-82	MW-84A	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR
Sample Date	Quality	12/18/2019	03/02/2018	08/20/2019	10/03/2019	10/03/2019	10/08/2019	10/15/2019	10/22/2019	10/30/2019	11/05/2019	11/13/2019	11/18/2019	12/04/2019	12/19/2019	01/20/2020	02/20/2020	02/20/2020	04/07/2020
Sample Type	Standards	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	FD	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Parameters																			
Temperature (Deg C)	-	11.12	13.82	20.48	16.34	-	14.2	14.73	16.14	16.98	16.23	14.52	10.71	15.07	12.18	8.26	10.89	-	15.59
Conductivity, Field (mS/cm)	-	0.338	0.079	0.39	0.361	-	0.369	0.433	0.377	0.439	0.382	0.391	0.424	0.499	0.486	0.371	0.425	-	0.388
ORP, Field (mv)	-	152	87.5	118.9	146.8	-	131.9	114.8	161.8	102.4	-131	-152	-83.7	-110.2	-117	30.9	-56.8	-	-97.1
Turbidity, Field (NTU)	-	25.7	46.3	9.96	9.41	-	999	999	999	329	999	999	999	999	999	999	999	-	116
pH, Field (pH units)	-	5.95	7.07	6.34	6.66	-	6.4	6.69	6.26	7.29	7.64	7.68	6.49	6.07	5.95	6.29	5.39	-	5.57
Dissolved Oxygen, Field (ug/L)	-	770	5300	450	400	-	460	810	370	380	0	0	400	2310	2450	610	990	-	630
Inorganic Compounds (ug/L)																			
Antimony	6	-	1.5 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	3	-	ND (2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	6000	-	22.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	1	-	ND (0.8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	4	-	ND (2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	70	56.8	3.4 J	233 ^[A]	-	-	81.5 ^[A]	52.7	9.5	7.2	-	-	26.6	28.9	12	-	-	-	ND (4)
Chromium VI (Hexavalent)	-	48.3	-	186	-	-	ND (1000)	ND (500)	ND (1000)	ND (50)	-	-	1700	ND (2000)	ND (1000)	-	-	-	-
Cobalt	100	-	ND (4)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	1300	-	12.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	300	-	-	245	-	-	-	-	-	-	-	-	-	-	5950 ^[A]	5240 ^[A]	4310 ^[A]	4510 ^[A]	4420 ^[A]
Iron, Dissolved	300	-	-	-	-	-	-	-	-	-	-	-	-	-	ND (120)	5400 ^[A]	4440 ^[A]	3980 ^[A]	10300 ^[A]
Lead	5	-	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	50	-	11.7	-	-	-	-	-	-	-	-	-	-	-	14000 ^[A]	11800 ^[A]	9540 ^[A]	9960 ^[A]	10800 ^[A]
Manganese, Dissolved	50	-	-	-	-	-	-	-	-	-	-	-	-	-	15100 ^[A]	11900 ^[A]	9990 ^[A]	8860 ^[A]	20600 ^[A]
Mercury	2	-	ND (0.2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	100	15	4.3	2.4 J	-	-	7.2	10.8	ND (4)	18.6	-	-	20.8	32	12.4	-	-	-	13
Selenium	40	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	40	-	ND (2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	50000	-	-	16600	-	-	-	-	-	-	-	-	-	-	20400	-	-	-	-
Zinc	2000	-	99.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other (ug/L)																			
Alkalinity, Bicarbonate (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Carbonate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Hydroxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Total (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Dioxide, Free	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon dioxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	303000 HF	-	-	-	-
Chloride	250000	-	-	14700	-	-	-	-	-	-	-	-	-	-	25100	-	-	-	-
Dissolved Organic Carbon (DOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	290000	306000	174000	-
Ethane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5 J	1.8 J	ND (170)	ND (170)	ND (170)
Ethene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.6 J	3.4 J	ND (150)	ND (150)	ND (150)
Methane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.8	52	780	1100	5300
Nitrate (as N)	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	2600 HB	27 JB	52 J	53 J	21 J
Nitrite/Nitrate	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	11000 HB ^[A]	63 JB	120 JB	110 JB	37 J
Sulfate	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	ND (3000)	700	ND (5000)	ND (5000)	ND (5000)
Total Dissolved Solids (TDS)	500000	-	-	252000	-	-	-	-	-	-	-	-	-	-	2480000 ^[A]	-	-	-	-
Total Organic Carbon (TOC)	-	-	-	1700	-	-	5140000	1250000	1810000	70300	604000	4650000 B	16900000	3380000	2750000 B	620000	465000	372000	149000
PCBs (ug/L)																			
Aroclor-1016 (PCB-1016)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (ug/L)																			
1,4-Dioxane	0.4	-	ND (0.2)	0.41 H ^[A]	0.43 ^[A]	0.2	-	-	-	0.45 ^[A]	-	-	2 ^[A]	0.31	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	300	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	700	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	20	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	20	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Haley & Aldrich, Inc.																			

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-82	MW-84A	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR
Sample Date	Quality	12/18/2019	03/02/2018	08/20/2019	10/03/2019	10/03/2019	10/08/2019	10/15/2019	10/22/2019	10/30/2019	11/05/2019	11/13/2019	11/18/2019	12/04/2019	12/19/2019	01/20/2020	02/20/2020	02/20/2020	04/07/2020
Sample Type	Standards	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	FD	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	40	-	ND (21)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	10	-	ND (2.1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	10	-	ND (2.1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	600	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	40	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	30	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	50	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	30	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	1	-	ND (21)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	30	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	50	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	100	-	ND (21)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	400	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetophenone	700	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	2000	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atrazine	3	-	ND (2.1) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	0.1	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	0.1	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	0.2	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	0.5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl	400	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	7	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	3	-	ND (2.1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	5000	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	5	-	ND (2.1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.3	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	6000	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	700	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	300	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	300	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	0.02	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	1	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	40	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	7	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	0.2	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone	40	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	300	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	6	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	10	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	10	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.3	-	ND (21)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	2000	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	200	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																			
1,1,1-Trichloroethane	30	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
1,1,2,2-Tetrachloroethane	1	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
1,1,2-Trichloroethane	3	ND (1)	ND (1)	11 J ^[A]	-	-	ND (50)	ND (25)	ND (50)	13 J ^[A]	12 J ^[A]	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
1,1-Dichloroethane	50	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
1,1-Dichloroethene	1	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	ND (50)	26 J ^[A]	34 J ^[A]	36 J ^[A]	46 J ^[A]

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-82	MW-84A	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR
Sample Date	Quality	12/18/2019	03/02/2018	08/20/2019	10/03/2019	10/03/2019	10/08/2019	10/15/2019	10/22/2019	10/30/2019	11/05/2019	11/13/2019	11/18/2019	12/04/2019	12/19/2019	01/20/2020	02/20/2020	02/20/2020	04/07/2020
Sample Type	Standards	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	FD	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	9	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	-	ND (50)	ND (50)	ND (50)	ND (50)
1,2-Dibromo-3-chloropropane (DBCP)	0.02	ND (1)	-	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	-	ND (50)	ND (50)	ND (50)	ND (50)
1,2-Dibromoethane (Ethylene Dibromide)	0.03	ND (1)	-	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	-	ND (50)	ND (50)	ND (50)	ND (50)
1,2-Dichlorobenzene	600	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	-	ND (50)	ND (50)	ND (50)	ND (50)
1,2-Dichloroethane	2	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
1,2-Dichloropropane	1	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
1,3-Dichlorobenzene	600	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	-	ND (50)	ND (50)	ND (50)	ND (50)
1,4-Dichlorobenzene	75	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	-	ND (50)	ND (50)	ND (50)	ND (50)
2-Butanone (Methyl Ethyl Ketone)	300	ND (5)	ND (5)	ND (100)	-	-	ND (250)	ND (130)	ND (250)	ND (130)	ND (130)	ND (500)	ND (500)	ND (250)	-	ND (250)	ND (250)	ND (250)	ND (250)
2-Hexanone	300	ND (5)	ND (5)	ND (100)	-	-	ND (250)	ND (130)	ND (250)	ND (130)	ND (130)	ND (500)	ND (500)	ND (250)	-	ND (250)	ND (250)	ND (250)	ND (250)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	100	ND (5)	ND (5)	ND (100)	-	-	ND (250)	ND (130)	ND (250)	ND (130)	ND (130)	ND (500)	ND (500)	ND (250)	-	ND (250)	ND (250)	ND (250)	ND (250)
Acetone	6000	ND (5)	7.5	ND (100)	-	-	ND (250)	ND (130)	ND (250)	ND (130)	ND (130)	ND (500)	ND (500)	ND (250)	-	ND (250)	ND (250)	ND (250)	ND (250)
Benzene	1	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	-	ND (50)	ND (50)	ND (50)	ND (50)
Bromodichloromethane	1	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
Bromoform	4	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	-	ND (50)	ND (50)	ND (50)	ND (50)
Bromomethane (Methyl Bromide)	10	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50) *	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	-	ND (50)	ND (50)	ND (50)	ND (50)
Carbon disulfide	700	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	-	ND (50)	ND (50)	51	ND (50)
Carbon tetrachloride	1	ND (1) *	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
Chlorobenzene	50	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
Chloroethane	5	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
Chloroform (Trichloromethane)	70	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
Chloromethane (Methyl Chloride)	100	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
cis-1,2-Dichloroethene	70	ND (1)	11	81 ^[A]	-	-	85 ^[A]	76 ^[A]	66	90 ^[A]	69	66 J	72 J ^[A]	78 ^[A]	98 ^[A]	10000 ^[A]	11000 ^[A]	12000 ^[A]	16000 ^[A]
cis-1,3-Dichloropropene	1	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
Cyclohexane	100	ND (1)	ND (1)	ND (20)	-	-	33 J	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	91 J	37 J	-	ND (50)	ND (50)	ND (50)	ND (50)
Dibromochloromethane	1	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
Dichlorodifluoromethane (CFC-12)	1000	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	-	ND (50)	ND (50)	ND (50)	ND (50)
Ethylbenzene	700	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	-	ND (50)	ND (50)	ND (50)	ND (50)
Isopropylbenzene (Cumene)	700	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	-	ND (50)	ND (50)	ND (50)	ND (50)
Methyl acetate	7000	ND (5)	ND (5)	ND (100) F1	-	-	190 J	68 J	55 J	50 J	120 J	190 J	720	330	-	ND (250)	ND (250)	ND (250)	ND (250)
Methyl cyclohexane	100	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	-	ND (50)	ND (50)	ND (50)	ND (50)
Methyl Tert Butyl Ether	70	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	-	ND (50)	ND (50)	ND (50)	ND (50)
Methylene chloride	3	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50) *	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
Styrene	100	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	-	ND (50)	ND (50)	ND (50)	ND (50)
Tetrachloroethene	1	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
Toluene	600	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	-	ND (50)	ND (50)	ND (50)	ND (50)
trans-1,2-Dichloroethene	100	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	ND (50)	15 J	ND (50)	ND (50)	16 J
trans-1,3-Dichloropropene	1	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)
Trichloroethene	1	3.6 ^[A]	45 ^[A]	8100 ^[A]	-	-	20000 ^[A]	6900 ^[A]	10000 ^[A]	9000 ^[A]	10000 ^[A]	27000 ^[A]	45000 ^[A]	17000 ^[A]	16000 ^[A]	2900 ^[A]	180 ^[A]	200 ^[A]	430 ^[A]
Trichlorofluoromethane (CFC-11)	2000	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	-	ND (50)	ND (50)	ND (50)	ND (50)
Trifluorotrichloroethane (Freon 113)	20000	ND (1)	ND (1)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	-	ND (50)	ND (50)	ND (50)	ND (50)
Vinyl chloride	1	ND (1)	0.96 J	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	ND (50)	55 ^[A]	61 ^[A]	74 ^[A]	150 ^[A]
Xylene (total)	1000	ND (1)	ND (2)	ND (20)	-	-	ND (50)	ND (25)	ND (50)	ND (25)	ND (25)	ND (100)	ND (100)	ND (50)	-	ND (50)	ND (50)	ND (50)	ND (50)

Volatile Organic Compounds SIM (ug/L)

1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	ND (0.02)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	ND (0.02)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- Notes:
1. ND: Result is not detected above the indicated reporting limit.
J: Estimated value
B: Analyte found in blank and sample
H: Analyzed outside of hold time
D: Sample was diluted.
+: Biased high
 2. Results in **red** exceed the following criteria:
- Groundwater Quality Standards (GWQS)
 3. Results in **bold** are detected.
 4. Sample Types: N - Normal Sample
FD - Field Duplicate

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84R	MW-84R	MW-84R	MW-84R	MW-84R	MW-84R	MW-84R	MW-84R	MW-84R	MW-84R	MW-84R	MW-84R	MW-84R
Sample Date	Quality	04/07/2020	08/24/2020	08/24/2020	10/20/2020	03/16/2021	08/20/2019	08/20/2019	10/03/2019	10/08/2019	10/15/2019	10/22/2019	10/30/2019	11/18/2019	12/04/2019	12/23/2019	01/20/2020	02/20/2020	04/07/2020
Sample Type	Standards	FD	N	FD	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Parameters																			
Temperature (Deg C)	-	-	21.5	-	18.06	12.35	16.92	-	16.24	14.34	14.94	16.17	17.42	11.23	14.82	16.18	12.2	10.01	14.51
Conductivity, Field (mS/cm)	-	-	0.371	-	0.399	0.158	0.257	-	0.239	0.233	0.245	0.219	0.234	0.251	0.233	0.226	0.207	0.235	0.23
ORP, Field (mv)	-	-	160.7	-	109.8	21.4	167.1	-	91.2	155.5	119.3	182.7	137.6	50.3	-51.4	-25.2	83.7	187.6	213.9
Turbidity, Field (NTU)	-	-	999	-	999	497	9.59	-	13.7	38.4	19	16.1	13.6	16.6	14.7	5	46	9.71	4.31
pH, Field (pH units)	-	-	5.53	-	5.67	4.78	5.18	-	6.18	5.58	5.77	5.25	5.67	5.76	5.92	5.76	6.18	5.51	5.56
Dissolved Oxygen, Field (ug/L)	-	-	2100	-	1210	1300	2260	-	180	720	570	260	290	400	7960	470	290	1530	910
Inorganic Compounds (ug/L)																			
Antimony	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	6000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	70	ND (4)	10.9	11.7	13.2	3.8 J	34.2	33.3	-	4.4	ND (4)	ND (4)	2.6 J	3.1 J	3.4 J	4.9	-	-	2.7 J
Chromium VI (Hexavalent)	-	-	-	-	-	-	ND (10)	15.2	-	ND (10)	6.6 J	ND (10)	7.8 J	ND (10)	ND (10)	ND (10)	-	-	-
Cobalt	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	1300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	300	5750 ^[A]	3750 ^[A]	3770 ^[A]	5330 ^[A]	8550 ^[A]	170	ND (120)	-	-	-	-	-	-	-	574 ^[A]	1020 ^[A]	ND (120)	51.1 J
Iron, Dissolved	300	10300 ^[A]	3430 ^[A]	3390 ^[A]	5760 B ^[A]	9370 ^[A]	-	-	-	-	-	-	-	-	-	-	59 J	ND (120)	ND (240)
Lead	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	50	11800 ^[A]	11500 ^[A]	11700 ^[A]	11900 ^[A]	15700 ^[A]	-	-	-	-	-	-	-	-	-	-	874 ^[A]	907 ^[A]	749 ^[A]
Manganese, Dissolved	50	20800 ^[A]	11200 ^[A]	11100 ^[A]	12400 ^[A]	15900 ^[A]	-	-	-	-	-	-	-	-	-	-	1010 ^[A]	757 ^[A]	1610 ^[A]
Mercury	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	100	14.3	15.4	15.7	20.2	8.4	291 ^[A]	281 ^[A]	-	127 ^[A]	79.2	82	109 ^[A]	95.3	105 ^[A]	111 ^[A]	-	-	88.7
Selenium	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	50000	-	-	-	-	-	26400	25300	-	-	-	-	-	-	-	22600	-	-	-
Zinc	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other (ug/L)																			
Alkalinity, Bicarbonate (as CaCO3)	-	-	ND (10000)	ND (10000)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Carbonate	-	-	ND (10000)	ND (10000)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Hydroxide	-	-	145000	149000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Total (as CaCO3)	-	-	145000	149000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Dioxide, Free	-	-	480000 HF	440000 HF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon dioxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloride	250000	-	-	-	-	-	10100	9770	-	-	-	-	-	-	-	17200	-	-	-
Dissolved Organic Carbon (DOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2400	2100	-
Ethane	-	ND (170)	ND (830)	ND (830)	ND (330)	ND (170)	-	-	-	-	-	-	-	-	-	-	ND (7.5)	ND (7.5)	ND (83)
Ethene	-	ND (150)	ND (770)	ND (770)	ND (310)	400	-	-	-	-	-	-	-	-	-	-	ND (7)	ND (7)	ND (77)
Methane	-	5200	20000	23000	23000 D	26000 D	-	-	-	-	-	-	-	-	-	-	68 F1	140	130
Nitrate (as N)	10000	19 J	1400	1800	180	ND (100)	-	-	-	-	-	-	-	-	-	-	130 B	60 J	63 J
Nitrite/Nitrate	10000	38 J	760 J	1100	120	44 J	-	-	-	-	-	-	-	-	-	-	170 B	94 JB	82 J
Sulfate	250000	ND (5000)	ND (5000)	ND (5000)	ND (5000)	ND (5000)	-	-	-	-	-	-	-	-	-	-	30900 F1	30900	29900
Total Dissolved Solids (TDS)	500000	-	-	-	-	-	178000	184000	-	-	-	-	-	-	-	176000	-	-	-
Total Organic Carbon (TOC)	-	158000	2480000	2620000	1110000	253000	2900	2800	-	2700	3100 B	2700	2900 B	2700	2900	3000	2700	2200	2000
PCBs (ug/L)																			
Aroclor-1016 (PCB-1016)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (ug/L)																			
1,4-Dioxane	0.4	-	-	-	-	-	80 H ^[A]	-	90 ^[A]	-	-	-	76 ^[A]	70 ^[A]	81 ^[A]	-	-	-	-
2,2'-oxybis(1-Chloropropane)	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Haley & Aldrich, Inc.																			

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

[illegible]

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84AR	MW-84R	MW-84R	MW-84R	MW-84R	MW-84R	MW-84R	MW-84R	MW-84R	MW-84R	MW-84R	MW-84R	MW-84R	MW-84R
Sample Date	Quality	04/07/2020	08/24/2020	08/24/2020	10/20/2020	03/16/2021	08/20/2019	08/20/2019	10/03/2019	10/08/2019	10/15/2019	10/22/2019	10/30/2019	11/18/2019	12/04/2019	12/23/2019	01/20/2020	02/20/2020	04/07/2020
Sample Type	Standards	FD	N	FD	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	9	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
1,2-Dibromo-3-chloropropane (DBCP)	0.02	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
1,2-Dibromoethane (Ethylene Dibromide)	0.03	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
1,2-Dichlorobenzene	600	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
1,2-Dichloroethane	2	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
1,2-Dichloropropane	1	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
1,3-Dichlorobenzene	600	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
1,4-Dichlorobenzene	75	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
2-Butanone (Methyl Ethyl Ketone)	300	ND (250)	ND (250)	ND (250)	ND (130)	ND (50)	ND (10)	ND (10)	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (25)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Hexanone	300	ND (250)	ND (250)	ND (250)	ND (130)	ND (50)	ND (10)	ND (10)	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (25)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	100	ND (250)	ND (250)	ND (250)	ND (130)	ND (50)	ND (10)	ND (10)	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (25)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Acetone	6000	ND (250)	ND (250)	ND (250)	ND (130)	ND (50)	ND (10)	ND (10)	-	ND (10)	ND (10)	ND (10)	29	ND (25)	ND (10)	ND (10)	ND (10)	150	ND (10)
Benzene	1	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Bromodichloromethane	1	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Bromoform	4	ND (50)	ND (50) *	ND (50) *	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2) F1	ND (2)	ND (2)
Bromomethane (Methyl Bromide)	10	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5) *	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Carbon disulfide	700	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Carbon tetrachloride	1	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	2.1 [A]	1.5 J [A]	-	1.3 J [A]	1.1 J [A]	2 [A]	3 [A]	2.6 J [A]	3.6 [A]	2.5 [A]	2.2 [A]	2.9 [A]	5.1 [A]
Chlorobenzene	50	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Chloroethane	5	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)	70	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	2.6	2.2	-	1.9 J	1.9 J	3.4	4.9	3.9 J	4.7	4.8	3.9	3.5	5
Chloromethane (Methyl Chloride)	100	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
cis-1,2-Dichloroethene	70	15000 [A]	5000 [A]	4800 [A]	6900 [A]	2300 [A]	340 [A]	330 [A]	-	490 [A]	480 [A]	400 [A]	490 [A]	510 [A]	500 [A]	460 [A]	450 [A]	420 [A]	510 [A]
cis-1,3-Dichloropropene	1	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Cyclohexane	100	ND (50)	31 J	35 J	17 J	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Dibromochloromethane	1	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Dichlorodifluoromethane (CFC-12)	1000	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Ethylbenzene	700	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Isopropylbenzene (Cumene)	700	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Methyl acetate	7000	ND (250)	210 J	190 J	120 J	18 J	ND (10)	ND (10)	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (25)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Methyl cyclohexane	100	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2) *	ND (2)	ND (2)	ND (2)
Methyl Tert Butyl Ether	70	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Methylene chloride	3	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	0.75 J	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2) *	ND (2)	ND (2)	ND (2)	ND (2)
Styrene	100	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Tetrachloroethene	1	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Toluene	600	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
trans-1,2-Dichloroethene	100	16 J	15 J	14 J	34	14	ND (2)	ND (2)	-	1.3 J	1.2 J	ND (2)	0.57 J	ND (5)	0.48 J	0.72 J	0.77 J	ND (2)	ND (2)
trans-1,3-Dichloropropene	1	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Trichloroethene	1	480 [A]	14000 [A]	15000 [A]	7800 [A]	900 [A]	800 [A]	710 [A]	-	820 [A]	730 [A]	740 [A]	980 [A]	1100 [A]	960 [A]	930 [A]	810 [A]	730 [A]	970 [A]
Trichlorofluoromethane (CFC-11)	2000	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2) *	ND (2)	ND (2)	ND (2)
Trifluorotrichloroethane (Freon 113)	20000	ND (50)	ND (50)	ND (50)	ND (25)	ND (10)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Vinyl chloride	1	140 [A]	270 [A]	250 [A]	930 [A]	1300 [A]	24 [A]	21 [A]	-	33 [A]	35 [A]	32 [A]	40 [A]	33 [A]	38 [A]	35 [A]	22 [A]	25 [A]	27 [A]
Xylene (total)	1000	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (2)	ND (2)	-	ND (2)	ND (2)	ND (2)	ND (2)	ND (5)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)

Volatile Organic Compounds SIM (ug/L)

1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

1. ND: Result is not detected above the indicated reporting limit.
J: Estimated value
B: Analyte found in blank and sample
H: Analyzed outside of hold time
D: Sample was diluted.
+: Biased high
2. Results in **red** exceed the following criteria:
- Groundwater Quality Standards (GWQS)
3. Results in **bold** are detected.
4. Sample Types: N - Normal Sample
FD - Field Duplicate

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-84R	MW-84R	MW-84R	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85
Sample Date	Quality	08/24/2020	10/20/2020	03/16/2021	08/21/2019	10/03/2019	10/08/2019	10/15/2019	10/22/2019	10/30/2019	11/05/2019	11/13/2019	11/18/2019	12/04/2019	12/04/2019	12/19/2019	01/20/2020	02/20/2020	04/07/2020
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Parameters																			
Temperature (Deg C)	-	21.9	17.93	11.1	18.65	16.44	14.31	14.18	16.37	16.79	16.33	14.91	11	14.75	-	11.34	10.39	11.16	16.3
Conductivity, Field (mS/cm)	-	0.244	0.251	0.22	0.396	0.413	0.413	0.436	0.415	0.472	0.325	0.356	0.443	0.567	-	0.596	0.511	0.543	0.585
ORP, Field (mv)	-	-22.2	-24.6	130.2	166.8	162.6	148.2	124.6	174.5	123.9	-19	-11	-18.4	-107.9	-	-110.1	-2.7	-112.8	-84.6
Turbidity, Field (NTU)	-	26.2	13.7	21.4	4.45	5.28	838	566	392	38.2	105	746	999	162	-	608	142	15.1	6.58
pH, Field (pH units)	-	5.66	6.05	5.09	5.96	6.5	6.38	6.42	6.34	6.87	6.95	7.1	6.61	6.82	-	6.79	7.06	6.14	6.36
Dissolved Oxygen, Field (ug/L)	-	1310	950	520	240	400	450	730	360	410	0	0	650	5730	-	7920	370	1370	1030
Inorganic Compounds (ug/L)																			
Antimony	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	6000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	70	0.77 J	1.7 J	ND (4)	206 ^[A]	-	160 ^[A]	306 ^[A]	93.5 ^[A]	24.6	-	-	11.5	4.9	6	14.5	-	-	2.7 J
Chromium VI (Hexavalent)	-	-	-	-	307 F1	-	ND (1000)	ND (10)	ND (10)	39.2	-	-	ND (1000)	46.4	ND (40)	ND (20)	-	-	-
Cobalt	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	1300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	300	711 ^[A]	1760 ^[A]	345 ^[A]	2230 ^[A]	-	-	-	-	-	-	-	-	-	-	5440 ^[A]	5010 ^[A]	2910 ^[A]	2930 ^[A]
Iron, Dissolved	300	743 ^[A]	1580 B ^[A]	ND (120)	-	-	-	-	-	-	-	-	-	-	-	4900 ^[A]	4200 ^[A]	2180 ^[A]	6230 ^[A]
Lead	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	50	874 ^[A]	979 ^[A]	714 ^[A]	-	-	-	-	-	-	-	-	-	-	-	11500 ^[A]	14900 ^[A]	17300 ^[A]	16700 ^[A]
Manganese, Dissolved	50	875 ^[A]	953 ^[A]	478 ^[A]	-	-	-	-	-	-	-	-	-	-	-	7950 ^[A]	11800 ^[A]	15900 ^[A]	33600 ^[A]
Mercury	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	100	77.9	67.8	57.9	17.1	-	4.8	7.8	4.2	19.2	-	-	22.4	13.2	12.8	6.5	-	-	5.3
Selenium	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	50000	-	-	-	24900	-	-	-	-	-	-	-	-	-	-	26300	-	-	-
Zinc	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other (ug/L)																			
Alkalinity, Bicarbonate (as CaCO3)	-	58800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Carbonate	-	ND (5000)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Hydroxide	-	ND (5000)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Total (as CaCO3)	-	58800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Dioxide, Free	-	132000 HF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon dioxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	97800 HF	-	-	-
Chloride	250000	-	-	-	29600 F1	-	-	-	-	-	-	-	-	-	-	48000	-	-	-
Dissolved Organic Carbon (DOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	96700	69300	-
Ethane	-	ND (7.5)	ND (7.5)	ND (7.5)	-	-	-	-	-	-	-	-	-	-	-	3.1 J	4.7 J	ND (83)	ND (330)
Ethene	-	2.3 J	1.9 J	4.7 J	-	-	-	-	-	-	-	-	-	-	-	12	15	ND (77)	ND (310)
Methane	-	130	180	170	-	-	-	-	-	-	-	-	-	-	-	ND (4)	2.3 J	240 F1F2	1700
Nitrate (as N)	10000	ND (100)	43 J	75 J	-	-	-	-	-	-	-	-	-	-	-	27 JHB	28 JB	ND (100)	ND (100)
Nitrite/Nitrate	10000	ND (100)	43 J	99 J	-	-	-	-	-	-	-	-	-	-	-	51 JHB	66 JB	45 JB	26 J
Sulfate	250000	25000	22100	26300	-	-	-	-	-	-	-	-	-	-	-	1460	ND (600)	ND (5000)	ND (5000)
Total Dissolved Solids (TDS)	500000	-	-	-	278000	-	-	-	-	-	-	-	-	-	-	245000	-	-	-
Total Organic Carbon (TOC)	-	4300	2300	2200	940 J	-	231000	78500 B	43800	8900 B	18100	477000 B	604000	145000	150000	126000	96700	75000	75800
PCBs (ug/L)																			
Aroclor-1016 (PCB-1016)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (ug/L)																			
1,4-Dioxane	0.4	-	-	-	0.72 HF1 ^[A]	0.61 ^[A]	-	-	-	0.97 ^[A]	-	-	1 ^[A]	0.7 ^[A]	0.75 ^[A]	-	-	-	-
2,2'-oxybis(1-Chloropropane)	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Haley & Aldrich, Inc.																			

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-84R	MW-84R	MW-84R	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85
Sample Date	Quality	08/24/2020	10/20/2020	03/16/2021	08/21/2019	10/03/2019	10/08/2019	10/15/2019	10/22/2019	10/30/2019	11/05/2019	11/13/2019	11/18/2019	12/04/2019	12/04/2019	12/19/2019	01/20/2020	02/20/2020	04/07/2020
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetophenone	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atrazine	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	5000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	6000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																			
1,1,1-Trichloroethane	30	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)
1,1,2,2-Tetrachloroethane	1	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)
1,1,2-Trichloroethane	3	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)
1,1-Dichloroethane	50	7.8	9.9	5.1	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)
1,1-Dichloroethene	1	7.2 ^[A]	14 ^[A]	8.8 ^[A]	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	65 ^[A]	59 ^[A]	48 J ^[A]	32 J ^[A]

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-84R	MW-84R	MW-84R	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85
Sample Date	Quality	08/24/2020	10/20/2020	03/16/2021	08/21/2019	10/03/2019	10/08/2019	10/15/2019	10/22/2019	10/30/2019	11/05/2019	11/13/2019	11/18/2019	12/04/2019	12/04/2019	12/19/2019	01/20/2020	02/20/2020	04/07/2020
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	9	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	-	ND (50)	ND (50)	ND (50)
1,2-Dibromo-3-chloropropane (DBCP)	0.02	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	-	ND (50)	ND (50)	ND (50)
1,2-Dibromoethane (Ethylene Dibromide)	0.03	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	-	ND (50)	ND (50)	ND (50)
1,2-Dichlorobenzene	600	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	-	ND (50)	ND (50)	ND (50)
1,2-Dichloroethane	2	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)
1,2-Dichloropropane	1	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)
1,3-Dichlorobenzene	600	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	-	ND (50)	ND (50)	ND (50)
1,4-Dichlorobenzene	75	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	-	ND (50)	ND (50)	ND (50)
2-Butanone (Methyl Ethyl Ketone)	300	ND (10)	ND (10)	ND (10)	ND (250)	-	ND (1300)	ND (500)	ND (500)	ND (500)	ND (500)	ND (500)	ND (1000)	ND (500)	ND (500)	-	ND (250)	ND (250)	ND (250)
2-Hexanone	300	ND (10)	ND (10)	ND (10)	ND (250)	-	ND (1300)	ND (500)	ND (500)	ND (500)	ND (500)	ND (500)	ND (1000)	ND (500)	ND (500)	-	ND (250)	ND (250)	ND (250)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	100	ND (10)	ND (10)	ND (10)	ND (250)	-	ND (1300)	ND (500)	ND (500)	ND (500)	ND (500)	ND (500)	ND (1000)	ND (500)	ND (500)	-	ND (250)	ND (250)	ND (250)
Acetone	6000	ND (10)	ND (10)	ND (10)	ND (250)	-	ND (1300)	ND (500)	ND (500)	ND (500)	ND (500)	ND (500)	ND (1000)	ND (500)	ND (500)	-	ND (250)	ND (250)	ND (250)
Benzene	1	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	-	ND (50)	ND (50)	ND (50)
Bromodichloromethane	1	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)
Bromoform	4	ND (2) *	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100) *	ND (100) *	-	ND (50)	ND (50)	ND (50)
Bromomethane (Methyl Bromide)	10	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100) *	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	-	ND (50)	ND (50)	ND (50)
Carbon disulfide	700	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	-	ND (50)	ND (50)	ND (50)
Carbon tetrachloride	1	1.8 J ^[A]	1.8 J ^[A]	3.9 ^[A]	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)
Chlorobenzene	50	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)
Chloroethane	5	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100) *	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)
Chloroform (Trichloromethane)	70	4.7	4	3	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)
Chloromethane (Methyl Chloride)	100	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)
cis-1,2-Dichloroethene	70	570 ^[A]	820 ^[A]	680 ^[A]	45 J	-	ND (250)	31 J	29 J	65 J	36 J	31 J	ND (200)	58 J	60 J	14000 ^[A]	25000 ^[A]	24000 ^[A]	18000 ^[A]
cis-1,3-Dichloropropene	1	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)
Cyclohexane	100	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	-	ND (50)	ND (50)	ND (50)
Dibromochloromethane	1	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)
Dichlorodifluoromethane (CFC-12)	1000	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	-	ND (50)	ND (50) F1	ND (50)
Ethylbenzene	700	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	-	ND (50)	ND (50)	ND (50)
Isopropylbenzene (Cumene)	700	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	-	ND (50)	ND (50)	ND (50)
Methyl acetate	7000	ND (10)	ND (10)	ND (10)	ND (250) *	-	ND (1300)	ND (500)	ND (500)	ND (500)	ND (500)	ND (500)	ND (1000) *	100 J	91 J	-	ND (250)	ND (250)	ND (250)
Methyl cyclohexane	100	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	-	ND (50)	ND (50)	ND (50)
Methyl Tert Butyl Ether	70	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	-	ND (50)	ND (50)	ND (50)
Methylene chloride	3	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)
Styrene	100	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	-	ND (50)	ND (50)	ND (50)
Tetrachloroethene	1	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)
Toluene	600	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	-	ND (50)	ND (50)	ND (50)
trans-1,2-Dichloroethene	100	1.4 J	1.4 J	1.4 J	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	14 J	27 J	33 J	55
trans-1,3-Dichloropropene	1	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)
Trichloroethene	1	670 ^[A]	870 ^[A]	670 ^[A]	24000 ^[A]	-	56000 ^[A]	22000 ^[A]	25000 ^[A]	38000 ^[A]	37000 ^[A]	39000 ^[A]	46000 ^[A]	21000 ^[A]	23000 ^[A]	17000 ^[A]	89 ^[A]	17 J ^[A]	ND (50)
Trichlorofluoromethane (CFC-11)	2000	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	-	ND (50)	ND (50)	ND (50)
Trifluorotrichloroethane (Freon 113)	20000	ND (2)	ND (2)	ND (2)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	-	ND (50)	ND (50)	ND (50)
Vinyl chloride	1	22 ^[A]	27 ^[A]	30 ^[A]	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	28 J ^[A]	160 ^[A]	120 F1 ^[A]	9600 ^[A]
Xylene (total)	1000	ND (2)	ND (4)	ND (4)	ND (50)	-	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (200)	ND (100)	ND (100)	-	ND (50)	ND (50)	ND (50)

Volatile Organic Compounds SIM (ug/L)

1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

1. ND: Result is not detected above the indicated reporting limit.
J: Estimated value
B: Analyte found in blank and sample
H: Analyzed outside of hold time
D: Sample was diluted.
+: Biased high
2. Results in **red** exceed the following criteria:
- Groundwater Quality Standards (GWQS)
3. Results in **bold** are detected.
4. Sample Types: N - Normal Sample
FD - Field Duplicate

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-85	MW-85	MW-85	MW-86	MW-86	MW-86	MW-86	MW-86	MW-86	MW-86	MW-86	MW-86	MW-86	MW-86	MW-86	MW-86	MW-86	MW-86
Sample Date	Quality	08/24/2020	10/20/2020	03/16/2021	08/21/2019	10/08/2019	10/15/2019	10/22/2019	10/30/2019	11/18/2019	12/06/2019	12/23/2019	12/23/2019	01/20/2020	01/20/2020	02/20/2020	04/08/2020	08/25/2020	10/21/2020
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	FD	N	FD	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetophenone	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atrazine	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	5000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	6000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																			
1,1,1-Trichloroethane	30	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
1,1,2,2-Tetrachloroethane	1	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
1,1,2-Trichloroethane	3	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	2.6 J	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	2.2 J	ND (5)	2.3 J
1,1-Dichloroethane	50	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	1.4 J	ND (5)	ND (5)
1,1-Dichloroethene	1	14 J ^[A]	3.9 J ^[A]	ND (1)	3.1 J ^[A]	ND (10)	ND (10)	2.1 J ^[A]	2 J ^[A]	ND (20)	1.7 J ^[A]	2.4 J ^[A]	2.1 J ^[A]	ND (5)	ND (5)	ND (5)	1.6 J ^[A]	2.5 J ^[A]	3.5 J ^[A]

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-85	MW-85	MW-85	MW-86	MW-86	MW-86	MW-86	MW-86	MW-86	MW-86	MW-86	MW-86	MW-86	MW-86	MW-86	MW-86	MW-86	MW-86
Sample Date	Quality	08/24/2020	10/20/2020	03/16/2021	08/21/2019	10/08/2019	10/15/2019	10/22/2019	10/30/2019	11/18/2019	12/06/2019	12/23/2019	12/23/2019	01/20/2020	01/20/2020	02/20/2020	04/08/2020	08/25/2020	10/21/2020
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	FD	N	FD	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	9	ND (25)	ND (10)	ND (1)	ND (5)	3.9 J	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
1,2-Dibromo-3-chloropropane (DBCP)	0.02	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
1,2-Dibromoethane (Ethylene Dibromide)	0.03	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
1,2-Dichlorobenzene	600	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
1,2-Dichloroethane	2	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
1,2-Dichloropropane	1	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
1,3-Dichlorobenzene	600	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
1,4-Dichlorobenzene	75	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Butanone (Methyl Ethyl Ketone)	300	ND (130)	ND (50)	28	ND (25)	ND (50)	ND (50)	ND (25) *	ND (25)	ND (100)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
2-Hexanone	300	ND (130)	ND (50)	ND (5)	ND (25)	ND (50)	ND (50)	ND (25)	ND (25)	ND (100)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	100	ND (130)	ND (50)	ND (5)	ND (25)	ND (50)	ND (50)	ND (25)	ND (25)	ND (100)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
Acetone	6000	ND (130)	ND (50)	12	ND (25)	ND (50)	ND (50)	ND (25)	ND (25)	ND (100)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	33	ND (25)	ND (25)	ND (25)
Benzene	1	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Bromodichloromethane	1	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Bromoform	4	ND (25) *	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) F1*	ND (5)	ND (5)
Bromomethane (Methyl Bromide)	10	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Carbon disulfide	700	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Carbon tetrachloride	1	ND (25)	ND (10)	ND (1)	3.9 J ^[A]	ND (10)	3.8 J ^[A]	2.2 J ^[A]	7.8 ^[A]	ND (20)	1.9 J ^[A]	2.1 J ^[A]	ND (5)	ND (5)	ND (5)	7.5 ^[A]	4.3 J ^[A]	ND (5)	4.4 J ^[A]
Chlorobenzene	50	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Chloroethane	5	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5) *	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Chloroform (Trichloromethane)	70	ND (25)	ND (10)	ND (1)	3.9 J	ND (10)	3.9 J	2.8 J	4.6 J	ND (20)	3.1 J	4.7 J	3.6 J	5.9	5.2	5.6	ND (5)	ND (5)	4.5 J
Chloromethane (Methyl Chloride)	100	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
cis-1,2-Dichloroethene	70	6200 ^[A]	2300 ^[A]	3.9	18	31	49	16	33	40	22	24	21	30	26	29	62 F1	1100 ^[A]	480 ^[A]
cis-1,3-Dichloropropene	1	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Cyclohexane	100	ND (25)	ND (10)	1.4	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Dibromochloromethane	1	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Dichlorodifluoromethane (CFC-12)	1000	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	2.7 J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Ethylbenzene	700	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Isopropylbenzene (Cumene)	700	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Methyl acetate	7000	ND (130)	ND (50)	ND (5)	ND (25) *	ND (50)	ND (50)	ND (25)	ND (25)	ND (100)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25) *
Methyl cyclohexane	100	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5) *	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Methyl Tert Butyl Ether	70	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Methylene chloride	3	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	3.7 J ^[A]	ND (5)
Styrene	100	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Tetrachloroethene	1	ND (25)	ND (10)	ND (1)	1.6 J ^[A]	2.9 J ^[A]	3.7 J ^[A]	ND (5)	1.9 J ^[A]	ND (20)	ND (5)	1.6 J ^[A]	ND (5)	1.3 J ^[A]	ND (5)	1.5 J ^[A]	ND (5)	ND (5)	ND (5)
Toluene	600	ND (25)	ND (10)	1.5	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
trans-1,2-Dichloroethene	100	67	49	0.99 J	2.7 J	ND (10)	ND (10)	ND (5)	1.3 J	ND (20)	2.3 J	2.7 J	1.7 J	2.1 J	1.9 J	ND (5)	1.3 J	6.5	3.9 J
trans-1,3-Dichloropropene	1	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Trichloroethene	1	71 ^[A]	16 ^[A]	0.7 J	2300 ^[A]	3500 ^[A]	4000 ^[A]	2100 ^[A]	2300 ^[A]	4400 ^[A]	2000 ^[A]	2400 ^[A]	1900 ^[A]	2000 ^[A]	1700 ^[A]	1100 ^[A]	980 ^[A]	27 ^[A]	2200 ^[A]
Trichlorofluoromethane (CFC-11)	2000	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5) *	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Trifluorotrichloroethane (Freon 113)	20000	ND (25)	ND (10)	ND (1)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Vinyl chloride	1	7400 ^[A]	4300 ^[A]	72 ^[A]	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	2.8 J ^[A]	2.1 J ^[A]
Xylene (total)	1000	ND (25)	ND (20)	ND (2)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (20)	4.5 J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (10)

Volatile Organic Compounds SIM (ug/L)

1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

1. ND: Result is not detected above the indicated reporting limit.
J: Estimated value
B: Analyte found in blank and sample
H: Analyzed outside of hold time
D: Sample was diluted.
+: Biased high
2. Results in **red** exceed the following criteria:
- Groundwater Quality Standards (GWQS)
3. Results in **bold** are detected.
4. Sample Types: N - Normal Sample
FD - Field Duplicate

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-86	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87
Sample Date	Quality	03/15/2021	03/02/2018	08/21/2019	10/08/2019	10/15/2019	10/22/2019	10/30/2019	11/05/2019	11/13/2019	11/18/2019	12/06/2019	12/20/2019	01/20/2020	02/20/2020	04/08/2020	08/24/2020	10/20/2020	03/15/2021
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Parameters																			
Temperature (Deg C)	-	14.35	14.08	18.14	14.57	15.15	16.39	17.2	16.41	15.16	11.1	13.97	11.62	12.23	10.68	16.15	24.17	17.34	14.22
Conductivity, Field (mS/cm)	-	0.295	0.221	0.355	0.286	0.355	0.225	0.326	0.241	0.251	0.291	0.248	0.323	0.278	0.22	0.369	0.214	0.339	0.271
ORP, Field (mv)	-	35.4	-26.2	162.3	113.6	40.3	104.3	121.2	49	49	7.1	-48.7	-94.2	-92.8	30.8	101.2	186.4	-82.8	-82.3
Turbidity, Field (NTU)	-	8.99	16.2	0.72	7.74	9.36	10.6	9.19	5.4	10.1	9.86	19.1	9.21	11.8	10.4	7.96	9.62	7.1	9.68
pH, Field (pH units)	-	7.96	10.32	7.09	7.69	7.57	9.38	7.76	7.72	7.74	7.78	9.27	7.97	7.93	8.31	7.18	7.36	7.4	7.84
Dissolved Oxygen, Field (ug/L)	-	270	1910	260	780	570	400	430	0	0	430	1270	1010	1180	470	110	1120	1890	2630
Inorganic Compounds (ug/L)																			
Antimony	6	-	4.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	3	-	0.83 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	6000	-	96.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	1	-	ND (0.8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	4	-	ND (2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	70	43.8	15.6	ND (4)	6.1	12.8	4.3	29.9	-	-	3.7 J	7.9	18.2	-	-	14.1	1.1 J	1.8 J	ND (4)
Chromium VI (Hexavalent)	-	-	-	ND (10)	5.5 J	8.9 J	ND (10)	115	-	-	ND (10)	557	ND (10)	-	-	-	-	-	-
Cobalt	100	-	ND (4)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	1300	-	ND (4)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide	100	-	2.2 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	300	69.4 J	-	ND (120)	-	-	-	-	-	-	-	-	613 ^[A]	491 ^[A]	197	305 ^[A]	68.1 J	76.1 J	ND (120)
Iron, Dissolved	300	ND (120)	-	-	-	-	-	-	-	-	-	-	-	ND (120)	ND (120)	ND (120)	20.8 J	22.9 JB	ND (120)
Lead	5	-	ND (1.2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	50	4.8 J	ND (8)	-	-	-	-	-	-	-	-	-	-	22.8	15.6	67.2 ^[A]	9.8	36.4	5.4 J
Manganese, Dissolved	50	6.6 JB	-	-	-	-	-	-	-	-	-	-	-	13.4	8.8	42.9	8.8	34.9	4.7 JB
Mercury	2	-	ND (0.2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	100	1.8 J	3.5 J	3.6 J	5.6	11.8	4.8	23.1	-	-	4.5	7.6	10.9	-	-	12.5	4	2.7 J	3.7 J
Selenium	40	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	40	-	ND (2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	50000	-	-	15200	-	-	-	-	-	-	-	-	15500	-	-	-	-	-	-
Zinc	2000	-	ND (16)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other (ug/L)																			
Alkalinity, Bicarbonate (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46800	-	-
Alkalinity, Carbonate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13900	-	-
Alkalinity, Hydroxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ND (5000)	-	-
Alkalinity, Total (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60700	-	-
Carbon Dioxide, Free	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ND (5000) HF	-	-
Carbon dioxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloride	250000	-	-	16000	-	-	-	-	-	-	-	-	15100	-	-	-	-	-	-
Dissolved Organic Carbon (DOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	7600	5600	-	-	-	-
Ethane	-	ND (7.5)	-	-	-	-	-	-	-	-	-	-	-	ND (7.5)	ND (7.5)	ND (7.5)	ND (7.5)	ND (7.5)	ND (7.5)
Ethene	-	4.9 J	-	-	-	-	-	-	-	-	-	-	-	ND (7)	ND (7)	ND (7)	ND (7)	ND (7)	ND (7)
Methane	-	5	-	-	-	-	-	-	-	-	-	-	-	ND (4)	ND (4)	ND (4)	2.8 J	260	27
Nitrate (as N)	10000	1000	-	-	-	-	-	-	-	-	-	-	-	29 JB	23 J	980	ND (100)	810	90 J
Nitrite/Nitrate	10000	1100	-	-	-	-	-	-	-	-	-	-	-	60 JB	55 JB	1000	ND (100)	810	120
Sulfate	250000	23100	-	-	-	-	-	-	-	-	-	-	-	12600	18300	10900	22100	11500	22700
Total Dissolved Solids (TDS)	500000	-	-	206000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon (TOC)	-	1600	-	2000	2000	3700 B	4000	3100 B	3100	4200 B	4200	5900 B	5000	8700	6000	2000	2500	1100	1900
PCBs (ug/L)																			
Aroclor-1016 (PCB-1016)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (ug/L)																			
1,4-Dioxane	0.4	-	3 ^[A]	-	-	-	-	-	-	-	-	6.4 ^[A]	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	300	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	700	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	20	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	20	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Haley & Aldrich, Inc.																			

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-86	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87
Sample Date	Quality	03/15/2021	03/02/2018	08/21/2019	10/08/2019	10/15/2019	10/22/2019	10/30/2019	11/05/2019	11/13/2019	11/18/2019	12/06/2019	12/20/2019	01/20/2020	02/20/2020	04/08/2020	08/24/2020	10/20/2020	03/15/2021
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	40	-	ND (21)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	10	-	ND (2.1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	10	-	ND (2.1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	600	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	40	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	30	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	50	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	30	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	1	-	ND (21)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	30	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	50	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	100	-	ND (21)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	400	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetophenone	700	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	2000	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atrazine	3	-	ND (2.1) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	0.1	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	0.1	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	0.2	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	0.5	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl	400	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	7	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	3	-	ND (2.1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	5000	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	5	-	ND (2.1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.3	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	6000	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	700	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	300	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	300	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	0.02	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	1	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	40	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	7	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	0.2	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone	40	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	300	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	6	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	10	-	ND (1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	10	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.3	-	ND (21)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	100	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	2000	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	200	-	ND (10)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																			
1,1,1-Trichloroethane	30	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
1,1,2,2-Tetrachloroethane	1	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
1,1,2-Trichloroethane	3	1.8 J	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	10 J ^[A]	ND (25)
1,1-Dichloroethane	50	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
1,1-Dichloroethene	1	2.4 J ^[A]	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-86	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87	MW-87
Sample Date	Quality	03/15/2021	03/02/2018	08/21/2019	10/08/2019	10/15/2019	10/22/2019	10/30/2019	11/05/2019	11/13/2019	11/18/2019	12/06/2019	12/20/2019	01/20/2020	02/20/2020	04/08/2020	08/24/2020	10/20/2020	03/15/2021
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	9	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
1,2-Dibromo-3-chloropropane (DBCP)	0.02	ND (5)	-	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
1,2-Dibromoethane (Ethylene Dibromide)	0.03	ND (5)	-	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
1,2-Dichlorobenzene	600	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
1,2-Dichloroethane	2	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
1,2-Dichloropropane	1	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
1,3-Dichlorobenzene	600	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
1,4-Dichlorobenzene	75	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
2-Butanone (Methyl Ethyl Ketone)	300	ND (25)	ND (500)	ND (250)	ND (250)	ND (250)	ND (130)	ND (250)	ND (500)	ND (250)	ND (250)	ND (250)	ND (250)	ND (250)	ND (100)	ND (500)	ND (130)	ND (250)	ND (130)
2-Hexanone	300	ND (25)	ND (500)	ND (250)	ND (250)	ND (250)	ND (130)	ND (250)	ND (500)	ND (250)	ND (250)	ND (250)	ND (250)	ND (250)	ND (100)	ND (500)	ND (130)	ND (250)	ND (130)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	100	ND (25)	ND (500)	ND (250)	ND (250)	ND (250)	ND (130)	ND (250)	ND (500)	ND (250)	ND (250)	ND (250)	ND (250)	ND (250)	ND (100)	ND (500)	ND (130)	ND (250)	ND (130)
Acetone	6000	ND (25)	ND (500)	ND (250)	ND (250)	ND (250)	ND (130)	ND (250)	ND (500)	ND (250)	ND (250)	ND (250)	330	ND (250)	ND (100)	ND (500)	ND (130)	ND (250)	ND (130)
Benzene	1	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
Bromodichloromethane	1	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
Bromoform	4	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25) *	ND (50)	ND (25)
Bromomethane (Methyl Bromide)	10	ND (5)	ND (100)	ND (50)	ND (50) *	ND (50)	ND (25) *	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
Carbon disulfide	700	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
Carbon tetrachloride	1	8.9 ^[A]	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
Chlorobenzene	50	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
Chloroethane	5	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
Chloroform (Trichloromethane)	70	4.8 J	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
Chloromethane (Methyl Chloride)	100	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
cis-1,2-Dichloroethene	70	200 ^[A]	40 J	74 ^[A]	58	83 ^[A]	46	79 ^[A]	76 J ^[A]	57	60	76 ^[A]	90 ^[A]	62	71 ^[A]	82 J ^[A]	84 ^[A]	140 ^[A]	170 ^[A]
cis-1,3-Dichloropropene	1	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
Cyclohexane	100	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
Dibromochloromethane	1	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
Dichlorodifluoromethane (CFC-12)	1000	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
Ethylbenzene	700	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
Isopropylbenzene (Cumene)	700	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
Methyl acetate	7000	ND (25) *+	ND (500)	ND (250) *	ND (250)	ND (250)	ND (130)	ND (250)	ND (500)	ND (250)	ND (250)	ND (250)	ND (250)	ND (250)	ND (100)	ND (500)	ND (130)	ND (250)	ND (130)
Methyl cyclohexane	100	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
Methyl Tert Butyl Ether	70	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
Methylene chloride	3	ND (5)	24 J ^[A]	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
Styrene	100	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
Tetrachloroethene	1	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	6.4 J ^[A]	ND (50)	ND (100)	15 J ^[A]	ND (50)	ND (50)	ND (50)	ND (50)	5.4 J ^[A]	ND (100)	ND (25)	ND (50)	7 J ^[A]
Toluene	600	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
trans-1,2-Dichloroethene	100	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
trans-1,3-Dichloropropene	1	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
Trichloroethene	1	1300 ^[A]	22000 ^[A]	11000 ^[A]	16000 ^[A]	11000 ^[A]	8100 ^[A]	13000 ^[A]	26000 ^[A]	20000 ^[A]	14000 ^[A]	9200 ^[A]	12000 ^[A]	9600 ^[A]	7600 ^[A]	22000 ^[A]	9500 ^[A]	20000 ^[A]	7800 ^[A]
Trichlorofluoromethane (CFC-11)	2000	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
Trifluorotrichloroethane (Freon 113)	20000	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
Vinyl chloride	1	ND (5)	ND (100)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (50)	ND (25)
Xylene (total)	1000	ND (10)	ND (200)	ND (50)	ND (50)	ND (50)	ND (25)	ND (50)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (20)	ND (100)	ND (25)	ND (100)	ND (50)

Volatile Organic Compounds SIM (ug/L)

1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	ND (0.02)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	ND (0.02)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- Notes:
1. ND: Result is not detected above the indicated reporting limit.
J: Estimated value
B: Analyte found in blank and sample
H: Analyzed outside of hold time
D: Sample was diluted.
+: Biased high
 2. Results in **red** exceed the following criteria:
- Groundwater Quality Standards (GWQS)
 3. Results in **bold** are detected.
 4. Sample Types: N - Normal Sample
FD - Field Duplicate

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-87	MW-88	MW-88	MW-88	MW-88	MW-88	MW-88	MW-88	MW-88	MW-88	RW-200A	RW-200A	RW-200A	RW-200A	RW-200A	RW-200B	RW-200B	RW-200B
Sample Date	Quality	03/15/2021	08/21/2019	11/20/2019	12/06/2019	12/20/2019	01/20/2020	02/20/2020	04/07/2020	10/22/2020	03/16/2021	08/20/2019	11/19/2019	12/05/2019	12/05/2019	12/23/2019	08/20/2019	11/19/2019	12/05/2019
Sample Type	Standards	FD	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	55 (ft)	-	-	-	-	90 (ft)	-	-
Field Parameters																			
Temperature (Deg C)	-	-	24	16.22	15	14.6	11.02	13.41	16.31	17.88	14.3	25.01	10.65	9.98	-	8.59	20.73	11.38	11.05
Conductivity, Field (mS/cm)	-	-	0.19	0.196	0.188	0.183	0.00178	0.186	0.191	0.19	0.241	0.251	0.283	0.257	-	0.264	0.231	0.248	0.245
ORP, Field (mv)	-	-	171.8	37.9	-2.4	50	58.8	215.8	7.2	208.2	237.4	24.2	11	26.1	-	31.3	22.7	40.6	43.6
Turbidity, Field (NTU)	-	-	3.33	7.82	10.9	21.9	46.7	34.9	26.3	20.8	3.61	21.6	18.2	17.1	-	18.4	41.4	34.3	45.8
pH, Field (pH units)	-	-	5.38	5.8	5.91	5.78	5.97	4.73	5.86	5.13	5.21	5.99	5.95	5.98	-	5.95	5.75	5.73	5.75
Dissolved Oxygen, Field (ug/L)	-	-	4820	600	1260	960	1170	2420	1540	840	830	420	600	720	-	1230	150	460	570
Inorganic Compounds (ug/L)																			
Antimony	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	6000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	70	-	1030 ^[A]	891 ^[A]	806 ^[A]	867 ^[A]	-	-	791 ^[A]	686 ^[A]	665 ^[A]	5.8	3.8 J	2.3 J	2.4 J	2.7 J	19.2	10	8.2
Chromium VI (Hexavalent)	-	-	833	668	ND (10)	114	-	-	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Cobalt	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	1300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	300	ND (120)	-	-	-	-	298	334 ^[A]	-	-	ND (120)	-	-	-	-	-	-	-	-
Iron, Dissolved	300	ND (120)	-	-	-	-	ND (120)	ND (120)	-	-	ND (120)	-	-	-	-	-	-	-	-
Lead	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	50	6.5 J	-	-	-	-	26.7	93.5 ^[A]	-	-	19.2	-	-	-	-	-	-	-	-
Manganese, Dissolved	50	4.4 JB	-	-	-	-	17.6	33	-	-	14.8	-	-	-	-	-	-	-	-
Mercury	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	100	-	6.7	6	6.3	8.1	-	-	9.2	6.7	5.9	19.4	6.3	4.2	5.1	4.2	14.8	8.8	10.1
Selenium	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	50000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other (ug/L)																			
Alkalinity, Bicarbonate (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Carbonate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Hydroxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Total (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Dioxide, Free	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon dioxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloride	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved Organic Carbon (DOC)	-	-	-	-	-	-	2200	2300	-	-	-	-	-	-	-	-	-	-	-
Ethane	-	-	-	-	-	-	ND (7.5)	ND (7.5)	-	-	ND (7.5)	-	-	-	-	-	-	-	-
Ethene	-	-	-	-	-	-	ND (7)	ND (7)	-	-	ND (7)	-	-	-	-	-	-	-	-
Methane	-	-	-	-	-	-	ND (4)	ND (4)	-	-	ND (4)	-	-	-	-	-	-	-	-
Nitrate (as N)	10000	-	-	-	-	-	1300 B	1500	-	-	2800	-	-	-	-	-	-	-	-
Nitrite/Nitrate	10000	-	-	-	-	-	1300 B	1500 B	-	-	2800	-	-	-	-	-	-	-	-
Sulfate	250000	-	-	-	-	-	27900	31100	-	-	31300	-	-	-	-	-	-	-	-
Total Dissolved Solids (TDS)	500000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon (TOC)	-	-	-	-	-	-	1700	2600	-	-	1800	-	-	-	-	-	-	-	-
PCBs (ug/L)																			
Aroclor-1016 (PCB-1016)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (ug/L)																			
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	MW-87	MW-88	MW-88	MW-88	MW-88	MW-88	MW-88	MW-88	MW-88	MW-88	MW-88	RW-200A	RW-200A	RW-200A	RW-200A	RW-200A	RW-200B	RW-200B	RW-200B
Sample Date	Quality	03/15/2021	08/21/2019	11/20/2019	12/06/2019	12/20/2019	01/20/2020	02/20/2020	04/07/2020	10/22/2020	03/16/2021	08/20/2019	11/19/2019	12/05/2019	12/05/2019	12/23/2019	08/20/2019	11/19/2019	12/05/2019	
Sample Type	Standards	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	55 (ft)	-	-	-	-	90 (ft)	-	-	
1,2,4-Trichlorobenzene	9	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
1,2-Dibromo-3-chloropropane (DBCP)	0.02	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
1,2-Dibromoethane (Ethylene Dibromide)	0.03	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
1,2-Dichlorobenzene	600	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
1,2-Dichloroethane	2	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
1,2-Dichloropropane	1	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
1,3-Dichlorobenzene	600	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
1,4-Dichlorobenzene	75	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
2-Butanone (Methyl Ethyl Ketone)	300	ND (130)	ND (5)	ND (25)	ND (5)	ND (10)	ND (25)	ND (10)	ND (25)	ND (25)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	
2-Hexanone	300	ND (130)	ND (5)	ND (25)	ND (5)	ND (10)	ND (25)	ND (10)	ND (25)	ND (25)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	100	ND (130)	ND (5)	ND (25)	ND (5)	ND (10)	ND (25)	ND (10)	ND (25)	ND (25)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	
Acetone	6000	ND (130)	ND (5)	ND (25)	ND (5)	ND (10)	ND (25)	ND (10)	ND (25)	ND (25)	28 *1	ND (5)	260	ND (5)	ND (5)	ND (5)	ND (5)	18	ND (5)	
Benzene	1	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Bromodichloromethane	1	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Bromoform	4	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Bromomethane (Methyl Bromide)	10	ND (25)	ND (1)	ND (5) *	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Carbon disulfide	700	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Carbon tetrachloride	1	ND (25)	0.28 J	ND (5)	0.53 J	0.83 J	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	0.45 J	ND (1)	ND (1)	ND (1)	0.37 J	0.49 J	0.51 J	
Chlorobenzene	50	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Chloroethane	5	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) *	ND (1)	ND (1)	ND (1)	
Chloroform (Trichloromethane)	70	ND (25)	0.51 J	ND (5)	0.7 J	0.97 J	ND (5)	0.88 J	ND (5)	ND (5)	ND (5)	0.53 J	0.48 J	0.41 J	0.45 J	0.48 J	0.49 J	0.55 J	0.51 J	
Chloromethane (Methyl Chloride)	100	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
cis-1,2-Dichloroethene	70	170 [A]	3.2	10	4.6	8.1	9.4	15	12	7.6	17	19	17	15	15	14	17	14	13	
cis-1,3-Dichloropropene	1	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Cyclohexane	100	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5) *1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Dibromochloromethane	1	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Dichlorodifluoromethane (CFC-12)	1000	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Ethylbenzene	700	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Isopropylbenzene (Cumene)	700	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Methyl acetate	7000	ND (130)	ND (5) *	ND (25)	ND (5)	ND (10)	ND (25)	ND (10)	ND (25)	ND (25)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	
Methyl cyclohexane	100	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Methyl Tert Butyl Ether	70	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Methylene chloride	3	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Styrene	100	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Tetrachloroethene	1	ND (25)	0.72 J	1.5 J [A]	1.5 [A]	1.6 J [A]	1.3 J [A]	1.4 J [A]	ND (5)	ND (5)	1.4 J [A]	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Toluene	600	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
trans-1,2-Dichloroethene	100	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
trans-1,3-Dichloropropene	1	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Trichloroethene	1	8300 [A]	180 [A]	1000 [A]	320 [A]	900 [A]	1000 [A]	1000 [A]	850 [A]	1100 [A]	2000 [A]	79 [A]	74 [A]	71 [A]	69 [A]	57 [A]	72 [A]	73 [A]	78 [A]	
Trichlorofluoromethane (CFC-11)	2000	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Trifluorotrichloroethane (Freon 113)	20000	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Vinyl chloride	1	ND (25)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	3.6 [A]	2.8 [A]	4.3 [A]	4.4 [A]	3.2 [A]	2.7 [A]	1.7 [A]	1.7 [A]	
Xylene (total)	1000	ND (50)	ND (1)	ND (5)	ND (1)	ND (2)	ND (5)	ND (2)	ND (5)	ND (10)	ND (10)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Volatile Organic Compounds SIM (ug/L)																				
1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Volatile Organic Compounds SIM (ug/L)

1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- Notes:
1. ND: Result is not detected above the indicated reporting limit.
J: Estimated value
B: Analyte found in blank and sample
H: Analyzed outside of hold time
D: Sample was diluted.
+: Biased high
 2. Results in **red** exceed the following criteria:
- Groundwater Quality Standards (GWQS)
 3. Results in **bold** are detected.
 4. Sample Types: N - Normal Sample
FD - Field Duplicate

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	RW-200B	RW-200C	RW-200C	RW-200C	RW-200C	RW-200C	RW-200C	RW-200C	RW-200C	RW-200C	RW-201A	RW-201A	RW-201A	RW-201A	RW-201B	RW-201B	RW-201B	RW-201B
Sample Date	Quality	12/23/2019	08/20/2019	11/19/2019	11/19/2019	12/05/2019	12/23/2019	04/07/2020	08/26/2020	10/22/2020	03/15/2021	08/20/2019	11/18/2019	12/05/2019	12/20/2019	08/20/2019	11/18/2019	12/05/2019	12/20/2019
Sample Type	Standards	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	120 (ft)	-	-	-	-	-	-	-	-	55 (ft)	-	-	-	80 (ft)	-	-	-
Field Parameters																			
Temperature (Deg C)	-	10.59	18.59	12.91	-	11.96	11.48	14.59	16.48	17.32	12.39	21.19	10.33	12.4	9.56	21.67	9.45	11.97	11.23
Conductivity, Field (mS/cm)	-	0.241	0.229	0.237	-	0.23	0.223	0.285	0.258	0.252	0.237	0.317	0.281	0.279	0.27	0.273	0.259	0.261	0.246
ORP, Field (mv)	-	43.9	29.8	45.2	-	41.3	42	46.5	82.2	50.6	84.1	-158.9	18.5	19.1	14.1	-48.8	34.1	34	33.9
Turbidity, Field (NTU)	-	49.2	76	98.7	-	95.5	97.9	96.9	573	999	872	12.9	33	21.4	17.9	14.2	14.3	18.3	17.5
pH, Field (pH units)	-	5.75	5.55	5.73	-	5.71	5.62	5.78	5.65	6.06	5.69	6.52	6.54	6.55	6.58	6.37	6.48	6.46	6.39
Dissolved Oxygen, Field (ug/L)	-	640	150	360	-	460	510	710	340	710	1110	240	590	710	1130	150	1940	1870	1490
Inorganic Compounds (ug/L)																			
Antimony	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	6000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	70	6.9	42.9	39.7	37.9	9.1	9	14.9	34.9	14.2	11.8	7.9	3 J	2.6 J	ND (4)	6.3	ND (4)	ND (4)	ND (4)
Chromium VI (Hexavalent)	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	-	-	-	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Cobalt	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	1300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron, Dissolved	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese, Dissolved	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	100	8.1	12.5	15.1	13.8	8.9	5.7	11.1	5.3	19.8	8.8	12.1	11.8	9	5.5	12.4	12.1	13.3	8.9
Selenium	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	50000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other (ug/L)																			
Alkalinity, Bicarbonate (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Carbonate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Hydroxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Total (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Dioxide, Free	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon dioxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloride	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved Organic Carbon (DOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrate (as N)	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrite/Nitrate	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Dissolved Solids (TDS)	500000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon (TOC)	-	-	-	-	-	-	-	-	-	3200	2900	-	-	-	-	-	-	-	-
PCBs (ug/L)																			
Aroclor-1016 (PCB-1016)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (ug/L)																			
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	0.12 J	-	-	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	RW-200B	RW-200C	RW-200C	RW-200C	RW-200C	RW-200C	RW-200C	RW-200C	RW-200C	RW-200C	RW-201A	RW-201A	RW-201A	RW-201A	RW-201B	RW-201B	RW-201B	RW-201B
Sample Date	Quality	12/23/2019	08/20/2019	11/19/2019	11/19/2019	12/05/2019	12/23/2019	04/07/2020	08/26/2020	10/22/2020	03/15/2021	08/20/2019	11/18/2019	12/05/2019	12/20/2019	08/20/2019	11/18/2019	12/05/2019	12/20/2019
Sample Type	Standards	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	120 (ft)	-	-	-	-	-	-	-	-	55 (ft)	-	-	-	80 (ft)	-	-	-
1,2,4-Trichlorobenzene	9	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromo-3-chloropropane (DBCP)	0.02	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromoethane (Ethylene Dibromide)	0.03	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichlorobenzene	600	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichloroethane	2	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichloropropane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,3-Dichlorobenzene	600	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,4-Dichlorobenzene	75	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
2-Butanone (Methyl Ethyl Ketone)	300	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Hexanone	300	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	100	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Acetone	6000	ND (5)	ND (5)	12	12	ND (5)	ND (5)	ND (5)	ND (5)	14	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Benzene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromodichloromethane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromoform	4	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromomethane (Methyl Bromide)	10	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)*	ND (1)*	ND (1)	ND (1)	ND (1)*	ND (1)*	ND (1)	ND (1)
Carbon disulfide	700	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Carbon tetrachloride	1	ND (1)	0.34 J	0.58 J	0.49 J	0.49 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chlorobenzene	50	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chloroethane	5	ND (1)*	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)*	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chloroform (Trichloromethane)	70	0.58 J	0.48 J	0.61 J	0.53 J	0.53 J	0.54 J	0.43 J	0.44 J	0.5 J	0.39 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chloromethane (Methyl Chloride)	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
cis-1,2-Dichloroethene	70	13	17	17	15	13	13	10	15	14	8.5	3.4	6	4.5	3.3	8.9	14	10	7.5
cis-1,3-Dichloropropene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Cyclohexane	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)*1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Dibromochloromethane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Dichlorodifluoromethane (CFC-12)	1000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Ethylbenzene	700	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Isopropylbenzene (Cumene)	700	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methyl acetate	7000	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)*+	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Methyl cyclohexane	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)*1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methyl Tert Butyl Ether	70	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methylene chloride	3	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Styrene	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Tetrachloroethene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Toluene	600	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,2-Dichloroethene	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,3-Dichloropropene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Trichloroethene	1	64 [A]	71 [A]	86 [A]	75 [A]	76 [A]	62 [A]	71 [A]	71 [A]	59 [A]	31 [A]	17 [A]	30 [A]	23 [A]	18 [A]	49 [A]	66 [A]	52 [A]	42 [A]
Trichlorofluoromethane (CFC-11)	2000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Trifluorotrichloroethane (Freon 113)	20000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Vinyl chloride	1	1.8 [A]	2.5 [A]	2 [A]	1.7 [A]	1.5 [A]	1.5 [A]	0.46 J	1	0.81 J	ND (1)	4.4 [A]	4.2 [A]	3.8 [A]	5.1 [A]	3.3 [A]	3.6 [A]	3 [A]	2.6 [A]
Xylene (total)	1000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Volatile Organic Compounds SIM (ug/L)																			
1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Volatile Organic Compounds SIM (ug/L)

1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- Notes:
1. ND: Result is not detected above the indicated reporting limit.
J: Estimated value
B: Analyte found in blank and sample
H: Analyzed outside of hold time
D: Sample was diluted.
+: Biased high
 2. Results in **red** exceed the following criteria:
- Groundwater Quality Standards (GWQS)
 3. Results in **bold** are detected.
 4. Sample Types: N - Normal Sample
FD - Field Duplicate

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	RW-201C	RW-201C	RW-201C	RW-201C	RW-201C	RW-201C	RW-201C	RW-201C	RW-202A	RW-202A	RW-202A	RW-202A	RW-202A	RW-202B	RW-202B	RW-202B	RW-202B	RW-202C
Sample Date	Quality	08/20/2019	11/18/2019	12/05/2019	12/20/2019	04/07/2020	08/26/2020	10/20/2020	03/15/2021	08/21/2019	11/20/2019	11/20/2019	12/04/2019	12/20/2019	08/21/2019	11/20/2019	12/04/2019	12/20/2019	08/21/2019
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N
Sample Depth (bgs)		120 (ft)	-	-	-	-	-	-	-	55 (ft)	-	-	-	-	80 (ft)	-	-	-	100 (ft)
Field Parameters																			
Temperature (Deg C)	-	22.97	15.23	12.12	12.17	15.85	18.92	17.95	13.72	22.59	12.56	-	11.75	9.52	24.73	12.03	12.01	10.25	25.2
Conductivity, Field (mS/cm)	-	0.257	0.271	0.275	0.288	0.281	0.261	0.239	0.233	0.353	0.362	-	0.324	0.344	0.357	0.36	0.359	0.355	0.377
ORP, Field (mv)	-	-43.9	25.5	28.3	34.4	31.7	52.3	-39.1	78	94.8	32.4	-	31.1	36.1	55.1	54.9	53.2	53.1	46.2
Turbidity, Field (NTU)	-	31.8	50.1	28.3	25.5	28.6	47.4	999	726	34.5	110	-	117	110	48.7	116	121	124	50.8
pH, Field (pH units)	-	6.19	6.59	6.65	6.71	6.64	6.63	5.96	5.81	6.98	7.17	-	7.17	7.13	7.1	7.18	7.27	7.28	7.21
Dissolved Oxygen, Field (ug/L)	-	190	1780	1800	1770	1610	1520	1530	530	900	2280	-	2490	2710	740	1810	1860	2150	690
Inorganic Compounds (ug/L)																			
Antimony	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	6000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	70	3.3 J	4.6	2.5 J	ND (4)	ND (4)	2.7 J	6.6	3.4 J	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)
Chromium VI (Hexavalent)	-	ND (10)	ND (10)	ND (10)	ND (10)	-	-	-	-	ND (10)	ND (10)	8.4 J	ND (10)	ND (10)	14.3	ND (10)	ND (10)	ND (10)	ND (10)
Cobalt	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	1300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron, Dissolved	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese, Dissolved	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	100	11.6	14.1	19.3	14.4	9.6	12.6	30.3	16.6	3 J	2.7 J	2.6 J	6.2	3.1 J	2.7 J	2.4 J	ND (4)	2.7 J	ND (4)
Selenium	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	50000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other (ug/L)																			
Alkalinity, Bicarbonate (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Carbonate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Hydroxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Total (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Dioxide, Free	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon dioxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloride	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved Organic Carbon (DOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrate (as N)	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrite/Nitrate	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Dissolved Solids (TDS)	500000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon (TOC)	-	-	-	-	-	-	-	2100 J	2900	-	-	-	-	-	-	-	-	-	-
PCBs (ug/L)																			
Aroclor-1016 (PCB-1016)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (ug/L)																			
1,4-Dioxane	0.4	-	-	-	-	-	-	0.35	-	-	-	-	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Haley & Aldrich, Inc.																			

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	RW-201C	RW-201C	RW-201C	RW-201C	RW-201C	RW-201C	RW-201C	RW-201C	RW-202A	RW-202A	RW-202A	RW-202A	RW-202A	RW-202B	RW-202B	RW-202B	RW-202B	RW-202C
Sample Date	Quality	08/20/2019	11/18/2019	12/05/2019	12/20/2019	04/07/2020	08/26/2020	10/20/2020	03/15/2021	08/21/2019	11/20/2019	11/20/2019	12/04/2019	12/20/2019	08/21/2019	11/20/2019	12/04/2019	12/20/2019	08/21/2019
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N
Sample Depth (bgs)		120 (ft)	-	-	-	-	-	-	-	55 (ft)	-	-	-	-	80 (ft)	-	-	-	100 (ft)
1,2,4-Trichlorobenzene	9	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromo-3-chloropropane (DBCP)	0.02	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromoethane (Ethylene Dibromide)	0.03	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichlorobenzene	600	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.28 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichloroethane	2	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichloropropane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,3-Dichlorobenzene	600	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,4-Dichlorobenzene	75	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
2-Butanone (Methyl Ethyl Ketone)	300	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Hexanone	300	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	100	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Acetone	6000	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Benzene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromodichloromethane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromoform	4	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromomethane (Methyl Bromide)	10	ND (1) *	ND (1) *	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) *	ND (1) *	ND (1)	ND (1)	ND (1)	ND (1) *	ND (1)	ND (1)	ND (1)
Carbon disulfide	700	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Carbon tetrachloride	1	ND (1)	ND (1)	ND (1)	0.31 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chlorobenzene	50	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chloroform (Trichloromethane)	70	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chloromethane (Methyl Chloride)	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
cis-1,2-Dichloroethene	70	9.2	13	17	16	8.4	14	17	8.7	3.1	2.5	2.5	3.8	4.2	2.5	2.5	3.2	2.4	2.2
cis-1,3-Dichloropropene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Cyclohexane	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) *1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Dibromochloromethane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Dichlorodifluoromethane (CFC-12)	1000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Ethylbenzene	700	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Isopropylbenzene (Cumene)	700	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methyl acetate	7000	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Methyl cyclohexane	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) *1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methyl Tert Butyl Ether	70	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methylene chloride	3	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Styrene	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Tetrachloroethene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Toluene	600	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,2-Dichloroethene	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,3-Dichloropropene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Trichloroethene	1	50 ^[A]	58 ^[A]	72 ^[A]	87 ^[A]	56 ^[A]	85 ^[A]	100 ^[A]	58 ^[A]	1.5 ^[A]	1.4 ^[A]	1.3 ^[A]	0.82 J	2.1 ^[A]	1.3 ^[A]	1.5 ^[A]	1.3 ^[A]	1.6 ^[A]	1.3 ^[A]
Trichlorofluoromethane (CFC-11)	2000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Trifluorotrichloroethane (Freon 113)	20000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Vinyl chloride	1	3.1 ^[A]	3.7 ^[A]	3.3 ^[A]	2.6 ^[A]	1.7 ^[A]	3.5 ^[A]	2.3 ^[A]	0.82 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Xylene (total)	1000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)

Volatile Organic Compounds SIM (ug/L)

1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

1. ND: Result is not detected above the indicated reporting limit.
J: Estimated value
B: Analyte found in blank and sample
H: Analyzed outside of hold time
D: Sample was diluted.
+: Biased high
2. Results in **red** exceed the following criteria:
- Groundwater Quality Standards (GWQS)
3. Results in **bold** are detected.
4. Sample Types: N - Normal Sample
FD - Field Duplicate

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	RW-202C	RW-202C	RW-202C	RW-202C	RW-202C	RW-203A	RW-203A	RW-203A	RW-203A	RW-203A	RW-203A	RW-203A	RW-203B	RW-203B	RW-203B	RW-203B	RW-203B	RW-203B	RW-203C
Sample Date	Quality	11/20/2019	12/04/2019	12/20/2019	10/22/2020	10/22/2020	08/22/2019	10/18/2019	10/23/2019	11/18/2019	12/03/2019	12/18/2019	08/22/2019	10/18/2019	10/23/2019	11/18/2019	12/03/2019	12/18/2019	08/22/2019	
Sample Type	Standards	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	
Sample Depth (bgs)		-	-	-	-	-	55 (ft)	-	-	-	-	-	80 (ft)	-	-	-	-	-	100 (ft)	
Field Parameters																				
Temperature (Deg C)	-	14.04	12.42	11.39	17.23	-	24.52	13.97	15.07	12.12	11.56	10.19	23.96	12.97	16.38	12.83	12.24	11.28	24.31	
Conductivity, Field (mS/cm)	-	0.36	0.372	0.391	0.328	-	0.335	0.373	0.324	0.331	0.33	0.371	0.34	0.352	0.311	0.334	0.331	0.342	0.291	
ORP, Field (mv)	-	64.5	62.1	62.6	48.7	-	-84.3	-83.1	25.9	-85.7	-88.9	-90.5	-64.1	-59.7	34.8	-59.1	-67.9	-65.6	-58.7	
Turbidity, Field (NTU)	-	88.3	87.8	83.8	88.6	-	24.8	29	120	25.3	31.5	29	37.9	34.7	168	39.1	39.7	43.9	27.5	
pH, Field (pH units)	-	7.24	7.34	7.41	6.62	-	6.67	6.28	5.96	6.69	6.67	6.48	6.37	6.45	5.93	6.29	6.3	6.32	6.23	
Dissolved Oxygen, Field (ug/L)	-	1260	1330	1620	1340	-	800	830	300	710	1130	1250	340	630	80	700	520	740	190	
Inorganic Compounds (ug/L)																				
Antimony	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Arsenic	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Barium	6000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Beryllium	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cadmium	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chromium	70	ND (4)	ND (4)	ND (4)	-	-	ND (4)	-	-	56.9	ND (4)	3.2 J	5	-	-	50.6	9.2	4.6	4.4	
Chromium VI (Hexavalent)	-	ND (10)	ND (10)	ND (10)	-	-	54.4	-	-	27.3	ND (10)	44.8	93	-	-	ND (20)	ND (10)	52.9	57.9	
Cobalt	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Copper	1300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cyanide	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Iron	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Iron, Dissolved	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lead	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manganese	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manganese, Dissolved	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mercury	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nickel	100	ND (4)	2.8 J	ND (4)	-	-	5.9	-	-	8.8	8.1	10.3	17.4	-	-	12.5	11.4	14.8	15.7	
Selenium	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Silver	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sodium	50000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zinc	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other (ug/L)																				
Alkalinity, Bicarbonate (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Alkalinity, Carbonate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Alkalinity, Hydroxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Alkalinity, Total (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Carbon Dioxide, Free	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Carbon dioxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chloride	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dissolved Organic Carbon (DOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ethane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ethene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Methane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nitrate (as N)	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nitrite/Nitrate	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sulfate	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total Dissolved Solids (TDS)	500000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total Organic Carbon (TOC)	-	-	-	-	-	-	-	2700 B	2400 B	-	-	-	-	2600 B	2500 B	-	-	-	-	
PCBs (ug/L)																				
Aroclor-1016 (PCB-1016)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Aroclor-1221 (PCB-1221)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Aroclor-1232 (PCB-1232)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Aroclor-1242 (PCB-1242)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Aroclor-1248 (PCB-1248)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Aroclor-1254 (PCB-1254)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Aroclor-1260 (PCB-1260)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Aroclor-1262 (PCB-1262)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Aroclor-1268 (PCB-1268)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Polychlorinated biphenyls (PCBs)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Semi-Volatile Organic Compounds (ug/L)																				
1,4-Dioxane	0.4	-	-	-	0.2	0.18 J	-	-	-	-	-	-	-	-	-	-	-	-	-	
2,2'-oxybis(1-Chloropropane)	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2,4,5-Trichlorophenol	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2,4,6-Trichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2,4-Dichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Haley & Aldrich, Inc.																				

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	RW-202C	RW-202C	RW-202C	RW-202C	RW-202C	RW-203A	RW-203A	RW-203A	RW-203A	RW-203A	RW-203A	RW-203B	RW-203B	RW-203B	RW-203B	RW-203B	RW-203B	RW-203C
Sample Date	Quality	11/20/2019	12/04/2019	12/20/2019	10/22/2020	10/22/2020	08/22/2019	10/18/2019	10/23/2019	11/18/2019	12/03/2019	12/18/2019	08/22/2019	10/18/2019	10/23/2019	11/18/2019	12/03/2019	12/18/2019	08/22/2019
Sample Type	Standards	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	55 (ft)	-	-	-	-	-	80 (ft)	-	-	-	-	-	100 (ft)
2,4-Dimethylphenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetophenone	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atrazine	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	100	-	-	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	5000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	6000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																			
1,1,1-Trichloroethane	30	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
1,1,2,2-Tetrachloroethane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) *	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) *	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1) *
1,1,2-Trichloroethane	3	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	0.5 J	ND (1)	ND (1)	ND (1)	ND (1)	0.45 J	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
1,1-Dichloroethane	50	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
1,1-Dichloroethene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	0.28 J	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	0.37 J	ND (1)

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	RW-202C	RW-202C	RW-202C	RW-202C	RW-202C	RW-203A	RW-203A	RW-203A	RW-203A	RW-203A	RW-203A	RW-203B	RW-203B	RW-203B	RW-203B	RW-203B	RW-203B	RW-203C
Sample Date	Quality	11/20/2019	12/04/2019	12/20/2019	10/22/2020	10/22/2020	08/22/2019	10/18/2019	10/23/2019	11/18/2019	12/03/2019	12/18/2019	08/22/2019	10/18/2019	10/23/2019	11/18/2019	12/03/2019	12/18/2019	08/22/2019
Sample Type	Standards	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	55 (ft)	-	-	-	-	-	80 (ft)	-	-	-	-	-	100 (ft)
1,2,4-Trichlorobenzene	9	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
1,2-Dibromo-3-chloropropane (DBCP)	0.02	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
1,2-Dibromoethane (Ethylene Dibromide)	0.03	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
1,2-Dichlorobenzene	600	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
1,2-Dichloroethane	2	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
1,2-Dichloropropane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
1,3-Dichlorobenzene	600	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
1,4-Dichlorobenzene	75	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
2-Butanone (Methyl Ethyl Ketone)	300	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (10)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (5)
2-Hexanone	300	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (10)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (5)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	100	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (10)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (5)
Acetone	6000	ND (5)	ND (5)	ND (5)	ND (5)	6.3	ND (5)	11	6.6	ND (5)	ND (5)	ND (5)	ND (5)	7.5	ND (10)	ND (10)	ND (5)	ND (5)	ND (5)
Benzene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
Bromodichloromethane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
Bromoform	4	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
Bromomethane (Methyl Bromide)	10	ND (1) *	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1) *	ND (1)	ND (1)	ND (1)	ND (1)	ND (2) *	ND (2) *	ND (1)	ND (1)	ND (1)
Carbon disulfide	700	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
Carbon tetrachloride	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1) *	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	0.22 J*	ND (1)
Chlorobenzene	50	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
Chloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
Chloroform (Trichloromethane)	70	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	0.38 J	0.46 J	0.33 J	0.35 J	ND (1)	ND (1)	ND (2)	ND (2)	0.37 J	0.43 J	ND (1)
Chloromethane (Methyl Chloride)	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
cis-1,2-Dichloroethene	70	2.3	2.3	2.1	1.2	1.1	13	2	1.1	1.7	2.8	1.5	11	2.6	1.2 J	1.5 J	3	2	9.8
cis-1,3-Dichloropropene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
Cyclohexane	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
Dibromochloromethane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
Dichlorodifluoromethane (CFC-12)	1000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
Ethylbenzene	700	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
Isopropylbenzene (Cumene)	700	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
Methyl acetate	7000	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (10)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (5)
Methyl cyclohexane	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
Methyl Tert Butyl Ether	70	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
Methylene chloride	3	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
Styrene	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
Tetrachloroethene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
Toluene	600	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
trans-1,2-Dichloroethene	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
trans-1,3-Dichloropropene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
Trichloroethene	1	1.4 [A]	1.3 [A]	1.4 [A]	1.1 [A]	0.78 J	88 [A]	660 [A]	440 [A]	470 [A]	230 [A]	320 [A]	110 [A]	410 [A]	440 [A]	570 [A]	290 [A]	480 [A]	140 [A]
Trichlorofluoromethane (CFC-11)	2000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
Trifluorotrichloroethane (Freon 113)	20000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
Vinyl chloride	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)
Xylene (total)	1000	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)

Volatile Organic Compounds SIM (ug/L)

1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- Notes:
1. ND: Result is not detected above the indicated reporting limit.
J: Estimated value
B: Analyte found in blank and sample
H: Analyzed outside of hold time
D: Sample was diluted.
+: Biased high
 2. Results in **red** exceed the following criteria:
- Groundwater Quality Standards (GWQS)
 3. Results in **bold** are detected.
 4. Sample Types: N - Normal Sample
FD - Field Duplicate

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	RW-203C	RW-203C	RW-203C	RW-203C	RW-203C	RW-203C	RW-203C	RW-203C	RW-203C	RW-204A	RW-204A	RW-204A	RW-204A	RW-204B	RW-204B	RW-204B	RW-204B	RW-204C
Sample Date	Quality	10/18/2019	10/23/2019	11/18/2019	12/03/2019	12/18/2019	04/08/2020	08/25/2020	10/21/2020	03/15/2021	08/21/2019	11/20/2019	12/04/2019	12/20/2019	08/21/2019	11/20/2019	12/04/2019	12/20/2019	08/21/2019
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	55 (ft)	-	-	-	90 (ft)	-	-	-	120 (ft)
Field Parameters																			
Temperature (Deg C)	-	13.84	16.79	13.61	12.79	11.97	16.32	21.12	17.8	14.23	23.56	11.53	13	14.48	24.19	11.62	13.11	14.8	23.46
Conductivity, Field (mS/cm)	-	0.345	0.314	0.3	0.306	0.303	0.332	0.299	0.299	0.268	0.205	0.203	0.197	0.193	0.209	0.226	0.227	0.225	0.216
ORP, Field (mv)	-	-42.3	29.6	-49.5	-56.4	-54.5	-59.5	-6.8	54.5	47.8	-4.5	29.9	-25.1	-9.2	28.9	40.2	-8	14.5	47.6
Turbidity, Field (NTU)	-	28.9	209	63.1	66.1	64.3	26.8	473	723	597	66.2	573	344	524	65.8	258	255	319	77.8
pH, Field (pH units)	-	6.52	5.91	6.43	6.42	6.25	6.44	6.66	6.35	6.72	5.81	5.99	5.96	6.01	5.6	6.07	6.08	6.16	5.52
Dissolved Oxygen, Field (ug/L)	-	260	30	290	400	580	420	960	790	1260	160	1770	810	270	110	580	7170	490	110
Inorganic Compounds (ug/L)																			
Antimony	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	6000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	70	-	-	212 ^[A]	12.7	12.5	ND (4)	23.8	30.9	19.4	550 ^[A]	2130 ^[A]	1200 ^[A]	990 ^[A]	1290 ^[A]	1800 ^[A]	1970 ^[A]	1400 ^[A]	1620 ^[A]
Chromium VI (Hexavalent)	-	-	-	ND (40)	ND (10)	54.1	-	-	-	-	ND (50)	113	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (40)
Cobalt	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	1300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	300	-	-	-	-	-	-	40100 ^[A]	-	-	-	-	-	-	-	-	-	-	-
Iron, Dissolved	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	50	-	-	-	-	-	-	820 ^[A]	-	-	-	-	-	-	-	-	-	-	-
Manganese, Dissolved	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	100	-	-	71.2	12	18.7	10	8.1	7.4	9.1	31	39.2	40.5	31.1	66.2	18.3	33.6	29.7	74
Selenium	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	50000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other (ug/L)																			
Alkalinity, Bicarbonate (as CaCO3)	-	-	-	-	-	-	-	ND (5000)	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Carbonate	-	-	-	-	-	-	-	ND (5000)	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Hydroxide	-	-	-	-	-	-	-	ND (5000)	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Total (as CaCO3)	-	-	-	-	-	-	-	ND (5000)	-	-	-	-	-	-	-	-	-	-	-
Carbon Dioxide, Free	-	-	-	-	-	-	-	ND (5000) HF	-	-	-	-	-	-	-	-	-	-	-
Carbon dioxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloride	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved Organic Carbon (DOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethane	-	-	-	-	-	-	-	ND (7.5)	ND (7.5)	ND (7.5)	-	-	-	-	-	-	-	-	-
Ethene	-	-	-	-	-	-	-	ND (7)	ND (7)	ND (7)	-	-	-	-	-	-	-	-	-
Methane	-	-	-	-	-	-	-	ND (4)	3.6 J	140	-	-	-	-	-	-	-	-	-
Nitrate (as N)	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrite/Nitrate	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Dissolved Solids (TDS)	500000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon (TOC)	-	2500 B	2500	-	-	-	-	910 J	770 J	1100	-	-	-	-	-	-	-	-	-
PCBs (ug/L)																			
-																			
Aroclor-1016 (PCB-1016)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (ug/L)																			
1,4-Dioxane	0.4	-	-	-	-	-	-	-	0.23	-	-	-	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	RW-203C	RW-203C	RW-203C	RW-203C	RW-203C	RW-203C	RW-203C	RW-203C	RW-203C	RW-203C	RW-204A	RW-204A	RW-204A	RW-204A	RW-204B	RW-204B	RW-204B	RW-204B	RW-204C
Sample Date	Quality	10/18/2019	10/23/2019	11/18/2019	12/03/2019	12/18/2019	04/08/2020	08/25/2020	10/21/2020	03/15/2021	08/21/2019	11/20/2019	12/04/2019	12/20/2019	08/21/2019	11/20/2019	12/04/2019	12/20/2019	08/21/2019	
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	55 (ft)	-	-	-	-	90 (ft)	-	-	-	
2,4-Dimethylphenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2,4-Dinitrophenol	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2,4-Dinitrotoluene	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2,6-Dinitrotoluene	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2-Chloronaphthalene	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2-Chlorophenol	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2-Methylnaphthalene	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2-Methylphenol (o-Cresol)	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2-Nitrophenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3,3'-Dichlorobenzidine	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4,6-Dinitro-2-methylphenol	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4-Bromophenyl phenyl ether	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4-Chloro-3-methylphenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4-Chloroaniline	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4-Chlorophenyl phenyl ether	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4-Methylphenol	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4-Nitrophenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Acenaphthene	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Acenaphthylene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Acetophenone	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Anthracene	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Atrazine	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Benzaldehyde	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Benzo(a)anthracene	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Benzo(a)pyrene	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Benzo(b)fluoranthene	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Benzo(g,h,i)perylene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Benzo(k)fluoranthene	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Biphenyl	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
bis(2-Chloroethoxy)methane	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
bis(2-Chloroethyl)ether	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
bis(2-Ethylhexyl)phthalate	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Butyl benzylphthalate	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Caprolactam	5000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Carbazole	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chrysene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dibenz(a,h)anthracene	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dibenzofuran	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Diethyl phthalate	6000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dimethyl phthalate	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Di-n-butylphthalate	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Di-n-octyl phthalate	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Fluoranthene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Fluorene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hexachlorobenzene	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hexachlorobutadiene	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	RW-203C	RW-203C	RW-203C	RW-203C	RW-203C	RW-203C	RW-203C	RW-203C	RW-203C	RW-203C	RW-204A	RW-204A	RW-204A	RW-204A	RW-204B	RW-204B	RW-204B	RW-204B	RW-204C
Sample Date	Quality	10/18/2019	10/23/2019	11/18/2019	12/03/2019	12/18/2019	04/08/2020	08/25/2020	10/21/2020	03/15/2021	08/21/2019	11/20/2019	12/04/2019	12/20/2019	08/21/2019	11/20/2019	12/04/2019	12/20/2019	08/21/2019	
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	55 (ft)	-	-	-	90 (ft)	-	-	-	-	
1,2,4-Trichlorobenzene	9	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
1,2-Dibromo-3-chloropropane (DBCP)	0.02	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
1,2-Dibromoethane (Ethylene Dibromide)	0.03	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
1,2-Dichlorobenzene	600	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
1,2-Dichloroethane	2	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
1,2-Dichloropropane	1	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
1,3-Dichlorobenzene	600	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
1,4-Dichlorobenzene	75	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
2-Butanone (Methyl Ethyl Ketone)	300	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	
2-Hexanone	300	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	100	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	
Acetone	6000	7.7	11	ND (10)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	
Benzene	1	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Bromodichloromethane	1	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Bromoform	4	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Bromomethane (Methyl Bromide)	10	ND (1)	ND (2) *	ND (2) *	ND (1)	ND (1)	ND (1) *	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) *	ND (1)	ND (1)	ND (1)	ND (1) *	ND (1)	ND (1)	ND (1)	
Carbon disulfide	700	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Carbon tetrachloride	1	ND (1)	ND (2)	ND (2)	ND (1)	ND (1) *	ND (1)	ND (1)	ND (1)	ND (1)	2.3 ^[AI]	2.2 ^[AI]	2.8 ^[AI]	2.7 ^[AI]	3.1 ^[AI]	2.8 ^[AI]	3.3 ^[AI]	3 ^[AI]	3.8 ^[AI]	
Chlorobenzene	50	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Chloroethane	5	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Chloroform (Trichloromethane)	70	ND (1)	ND (2)	ND (2)	0.42 J	0.34 J	ND (1)	0.49 J	ND (1)	ND (1)	1.4	1.4	1.5	1.7	1.6	1.9	1.9	3.3	2.1	
Chloromethane (Methyl Chloride)	100	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
cis-1,2-Dichloroethene	70	3.4	1.4 J	1.4 J	2.9	1.6	1.6	0.8 J	0.65 J	0.57 J	10	8.1	8.7	9	9.5	17	18	18	16	
cis-1,3-Dichloropropene	1	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Cyclohexane	100	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Dibromochloromethane	1	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Dichlorodifluoromethane (CFC-12)	1000	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Ethylbenzene	700	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Isopropylbenzene (Cumene)	700	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Methyl acetate	7000	ND (5)	ND (10)	ND (10)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) *	ND (5) *+	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	
Methyl cyclohexane	100	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Methyl Tert Butyl Ether	70	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Methylene chloride	3	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1) *	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) *	ND (1)	ND (1)	ND (1)	ND (1) *	ND (1)	ND (1)	
Styrene	100	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Tetrachloroethene	1	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Toluene	600	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
trans-1,2-Dichloroethene	100	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1) *	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
trans-1,3-Dichloropropene	1	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Trichloroethene	1	180 ^[AI]	430 ^[AI]	860 ^[AI]	340 ^[AI]	350 ^[AI]	110 ^[AI]	47 ^[AI]	14 ^[AI]	10 ^[AI]	70 ^[AI]	79 ^[AI]	84 ^[AI]	96 ^[AI]	84 ^[AI]	160 ^[AI]	170 ^[AI]	180 ^[AI]	140 ^[AI]	
Trichlorofluoromethane (CFC-11)	2000	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Trifluorotrichloroethane (Freon 113)	20000	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1) *	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Vinyl chloride	1	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1) *	ND (1)	ND (1)	ND (1)	1.8 ^[AI]	0.73 J	0.77 J	0.63 J	ND (1)	0.42 J	0.5 J	0.39 J	ND (1)	
Xylene (total)	1000	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	
Volatile Organic Compounds SIM (ug/L)																				
1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Volatile Organic Compounds SIM (ug/L)

1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

1. ND: Result is not detected above the indicated reporting limit.
J: Estimated value
B: Analyte found in blank and sample
H: Analyzed outside of hold time
D: Sample was diluted.
+: Biased high
2. Results in **red** exceed the following criteria:
- Groundwater Quality Standards (GWQS)
3. Results in **bold** are detected.
4. Sample Types: N - Normal Sample
FD - Field Duplicate

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	RW-204C	RW-204C	RW-204C	RW-204C	RW-204C	RW-205	RW-205A	RW-205A	RW-205A	RW-205A	RW-205A	RW-205A	RW-205B	RW-205B	RW-205B	RW-205B	RW-205B	RW-205B
Sample Date	Quality	11/20/2019	12/04/2019	12/20/2019	04/07/2020	10/22/2020	03/02/2018	08/22/2019	10/18/2019	10/23/2019	11/20/2019	12/03/2019	12/18/2019	08/22/2019	10/18/2019	10/23/2019	11/20/2019	12/03/2019	12/18/2019
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	55 (ft)	-	-	-	-	-	80 (ft)	-	-	-	-	-
Field Parameters																			
Temperature (Deg C)	-	15.43	12.87	13.62	15.45	17.26	12.62	23.25	15.87	17.93	12.03	11.63	11.74	22.59	16.37	18.07	11.71	14.29	14.41
Conductivity, Field (mS/cm)	-	0.235	0.231	0.227	0.209	0.215	0.336	0.299	0.395	0.339	0.328	0.358	0.333	0.567	0.493	0.431	0.428	0.49	0.488
ORP, Field (mv)	-	32.3	-2.4	15.1	17.7	98.3	119.6	53.9	148.1	165.1	158	-3.9	-47.4	35.7	86.5	34.1	35.1	-19	-53.7
Turbidity, Field (NTU)	-	382	300	370	232	999	87.3	36.8	0.85	1.94	12	6.72	2.54	30.2	3.85	9.11	23.8	61.2	33.1
pH, Field (pH units)	-	6.04	6.08	6.21	6.09	5.39	6.17	9.02	6.49	6.35	6.53	6.75	6.45	10.62	10.67	10.65	10.13	9.36	6.96
Dissolved Oxygen, Field (ug/L)	-	480	8980	810	4910	630	1810	610	630	390	880	750	310	890	230	260	460	1030	170
Inorganic Compounds (ug/L)																			
Antimony	6	-	-	-	-	-	1.5 J	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	3	-	-	-	-	-	1 J	-	-	-	-	-	-	-	-	-	-	-	-
Barium	6000	-	-	-	-	-	151	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	1	-	-	-	-	-	ND (0.8)	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	4	-	-	-	-	-	ND (2)	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	70	3710 ^[A]	2710 ^[A]	2320 ^[A]	3520 ^[A]	-	1260 ^[A]	26.9	-	-	73.8 ^[A]	118 ^[A]	123 ^[A]	120 ^[A]	-	-	30.7	34	34.7
Chromium VI (Hexavalent)	-	328	ND (20)	ND (20) F1	-	-	-	22.8	-	-	65.2	105	155	111	-	-	16.6	26.2	36.7
Cobalt	100	-	-	-	-	-	4.8	-	-	-	-	-	-	-	-	-	-	-	-
Copper	1300	-	-	-	-	-	5.8	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide	100	-	-	-	-	-	4.4 J	-	-	-	-	-	-	-	-	-	-	-	-
Iron	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron, Dissolved	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	5	-	-	-	-	-	ND (1.2)	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	50	-	-	-	-	-	121 ^[A]	-	-	-	-	-	-	-	-	-	-	-	-
Manganese, Dissolved	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	2	-	-	-	-	-	ND (0.2)	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	100	12.8	27.4	35	24.6	-	9.6	2.5 J	-	-	4.7	3.9 J	4.8	ND (4)	-	-	5.6	4	2.8 J
Selenium	40	-	-	-	-	-	0.69 J	-	-	-	-	-	-	-	-	-	-	-	-
Silver	40	-	-	-	-	-	ND (2)	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	50000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	2000	-	-	-	-	-	ND (16)	-	-	-	-	-	-	-	-	-	-	-	-
Other (ug/L)																			
Alkalinity, Bicarbonate (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Carbonate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Hydroxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Total (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Dioxide, Free	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon dioxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloride	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved Organic Carbon (DOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrate (as N)	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrite/Nitrate	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Dissolved Solids (TDS)	500000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon (TOC)	-	-	-	-	-	-	-	-	860 JB	960 JB	-	-	-	-	1200	1400 B	-	-	-
PCBs (ug/L)																			
Aroclor-1016 (PCB-1016)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (ug/L)																			
1,4-Dioxane	0.4	-	-	-	-	8.3 ^[A]	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Haley & Aldrich, Inc.																			

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	RW-204C	RW-204C	RW-204C	RW-204C	RW-204C	RW-205	RW-205A	RW-205A	RW-205A	RW-205A	RW-205A	RW-205A	RW-205B	RW-205B	RW-205B	RW-205B	RW-205B	RW-205B
Sample Date	Quality	11/20/2019	12/04/2019	12/20/2019	04/07/2020	10/22/2020	03/02/2018	08/22/2019	10/18/2019	10/23/2019	11/20/2019	12/03/2019	12/18/2019	08/22/2019	10/18/2019	10/23/2019	11/20/2019	12/03/2019	12/18/2019
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	55 (ft)	-	-	-	-	-	80 (ft)	-	-	-	-	-
1,2,4-Trichlorobenzene	9	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
1,2-Dibromo-3-chloropropane (DBCP)	0.02	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
1,2-Dibromoethane (Ethylene Dibromide)	0.03	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
1,2-Dichlorobenzene	600	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
1,2-Dichloroethane	2	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
1,2-Dichloropropane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
1,3-Dichlorobenzene	600	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
1,4-Dichlorobenzene	75	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Butanone (Methyl Ethyl Ketone)	300	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (10)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
2-Hexanone	300	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (10)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	100	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (10)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
Acetone	6000	ND (5)	ND (5)	ND (5)	ND (5)	16	ND (25)	ND (25)	ND (25)	73	210	ND (10)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
Benzene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Bromodichloromethane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Bromoform	4	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5) *	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Bromomethane (Methyl Bromide)	10	ND (1) *	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) *	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) *F1F2	ND (5)	ND (5)
Carbon disulfide	700	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Carbon tetrachloride	1	2.8 ^[A]	3.1 ^[A]	3.3 ^[A]	3.3 ^[A]	3.8 ^[A]	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	0.88 J	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5) *
Chlorobenzene	50	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Chloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Chloroform (Trichloromethane)	70	2	1.8	2	1.9	2.1	1.4 J	2 J	ND (5)	2.1 J	ND (5)	1.2 J	1.8 J	1.7 J	2 J	2.1 J	2.8 J	3 J	2.2 J
Chloromethane (Methyl Chloride)	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
cis-1,2-Dichloroethene	70	19	19	19	12	16	9.3	5.6	6.6	7.6	3 J	4.6	9.7	11	15	18	25	27	20
cis-1,3-Dichloropropene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Cyclohexane	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Dibromochloromethane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Dichlorodifluoromethane (CFC-12)	1000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Ethylbenzene	700	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Isopropylbenzene (Cumene)	700	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Methyl acetate	7000	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (10)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
Methyl cyclohexane	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Methyl Tert Butyl Ether	70	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Methylene chloride	3	ND (1)	ND (1) *	ND (1)	ND (1)	ND (1)	1.1 J	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Styrene	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Tetrachloroethene	1	ND (1)	0.25 J	ND (1)	ND (1)	ND (1)	1 J	ND (5)	ND (5)	ND (5)	ND (5)	0.59 J	ND (5)	ND (5)	ND (5)	ND (5)	1.3 J ^[A]	1.7 J ^[A]	2 J ^[A]
Toluene	600	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
trans-1,2-Dichloroethene	100	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
trans-1,3-Dichloropropene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Trichloroethene	1	160 ^[A]	160 ^[A]	180 ^[A]	130 ^[A]	120 ^[A]	1800 ^[A]	1300 ^[A]	1500 ^[A]	1700 ^[A]	1000 ^[A]	610 ^[A]	1600 ^[A]	1100 ^[A]	1200 ^[A]	1300 ^[A]	1900 ^[A]	2200 ^[A]	2100 ^[A]
Trichlorofluoromethane (CFC-11)	2000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Trifluorotrichloroethane (Freon 113)	20000	ND (1)	ND (1)	ND (1) F1	ND (1)	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Vinyl chloride	1	0.38 J	0.44 J	0.43 J	0.95 J	1.2 ^[A]	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Xylene (total)	1000	ND (1)	ND (1)	ND (1)	ND (1)	ND (2)	ND (10)	ND (5)	ND (5)	ND (5)	ND (5)	ND (2)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)

Volatile Organic Compounds SIM (ug/L)

1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	-	-	-	-	ND (0.02)	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	-	-	-	-	ND (0.02)	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	0.4	-	-	-	-	-	0.82 ^[A]	-	-	-	-	-	-	-	-	-	-	-	-

- Notes:
1. ND: Result is not detected above the indicated reporting limit.
J: Estimated value
B: Analyte found in blank and sample
H: Analyzed outside of hold time
D: Sample was diluted.
+: Biased high
 2. Results in **red** exceed the following criteria:
- Groundwater Quality Standards (GWQS)
 3. Results in **bold** are detected.
 4. Sample Types: N - Normal Sample
FD - Field Duplicate

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	RW-205B	RW-205C	RW-205C	RW-205C	RW-205C	RW-205C	RW-205C	RW-205C	RW-205C	RW-205C	RW-205C	RW-206	RW-206A	RW-206A	RW-206A	RW-206A	RW-206A	RW-206A
Sample Date	Quality	04/08/2020	08/22/2019	10/18/2019	10/23/2019	11/20/2019	12/03/2019	12/18/2019	04/08/2020	08/25/2020	10/22/2020	03/16/2021	03/02/2018	08/22/2019	10/08/2019	10/15/2019	10/22/2019	10/30/2019	11/19/2019
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	100 (ft)	-	-	-	-	-	-	-	-	-	-	55 (ft)	55 (ft)	-	-	-	-
Field Parameters																			
Temperature (Deg C)	-	16.41	23.84	16.1	17.89	11.8	11.88	14.77	17.26	21.91	17.47	13.26	11.5	19.1	16.66	17.04	16.38	16.45	17.57
Conductivity, Field (mS/cm)	-	0.47	0.209	0.87	0.509	0.478	0.397	0.512	0.412	0.271	0.284	0.519	0.256	3.481	2.521	2.792	2.786	1.713	1.926
ORP, Field (mv)	-	-31.2	39.8	47.4	16.1	12.6	-33.4	-62.2	-34.5	-46.6	47.3	178.6	-45.6	-30	49.7	51.2	68.8	-28.1	-5.8
Turbidity, Field (NTU)	-	48.7	9.8	7.84	8.26	13.8	166	21.3	59.6	12.4	10.2	5.45	6	1.2	46.9	8.38	8.77	2.21	2.29
pH, Field (pH units)	-	9.48	10.6	11.98	11.39	11.14	11.15	11.7	10.94	10	9.6	6.97	6.78	12.71	13.84	13.91	12.43	13.53	11.98
Dissolved Oxygen, Field (ug/L)	-	1210	1430	240	450	670	640	320	810	2360	1150	520	960	1570	570	440	550	340	160
Inorganic Compounds (ug/L)																			
Antimony	6	-	-	-	-	-	-	-	-	-	-	-	1.4 J	-	-	-	-	-	-
Arsenic	3	-	-	-	-	-	-	-	-	-	-	-	1.2 J	-	-	-	-	-	-
Barium	6000	-	-	-	-	-	-	-	-	-	-	-	558	-	-	-	-	-	-
Beryllium	1	-	-	-	-	-	-	-	-	-	-	-	ND (0.8)	-	-	-	-	-	-
Cadmium	4	-	-	-	-	-	-	-	-	-	-	-	ND (2)	-	-	-	-	-	-
Chromium	70	31.7	203 ^[A]	-	-	65.2	208 ^[A]	76.8 ^[A]	75 ^[A]	70.3 ^[A]	119 ^[A]	105 ^[A]	1.6 J	531 ^[A]	303 ^[A]	235 ^[A]	226 ^[A]	87.5 ^[A]	165 ^[A]
Chromium VI (Hexavalent)	-	-	125	-	-	59.4	71.3	65.7	-	-	-	-	-	342	252	221	233	82.2	135
Cobalt	100	-	-	-	-	-	-	-	-	-	-	-	7.3	-	-	-	-	-	-
Copper	1300	-	-	-	-	-	-	-	-	-	-	-	ND (4)	-	-	-	-	-	-
Cyanide	100	-	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-	-	-
Iron	300	-	-	-	-	-	-	-	-	59.3 J	-	-	-	-	-	-	-	-	-
Iron, Dissolved	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	5	-	-	-	-	-	-	-	-	-	-	-	ND (1.2)	-	-	-	-	-	-
Manganese	50	-	-	-	-	-	-	-	-	1.1 J	-	-	1360 ^[A]	-	-	-	-	-	-
Manganese, Dissolved	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	2	-	-	-	-	-	-	-	-	-	-	-	ND (0.2)	-	-	-	-	-	-
Nickel	100	ND (4)	3.1 J	-	-	10.7	37.2	5.6	ND (4)	0.64 J	2.4 J	2.9 J	19.3	8.4	17.7	12.7	9	11.1	11.1
Selenium	40	-	-	-	-	-	-	-	-	-	-	-	ND (10)	-	-	-	-	-	-
Silver	40	-	-	-	-	-	-	-	-	-	-	-	ND (2)	-	-	-	-	-	-
Sodium	50000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	2000	-	-	-	-	-	-	-	-	-	-	-	ND (16)	-	-	-	-	-	-
Other (ug/L)																			
Alkalinity, Bicarbonate (as CaCO3)	-	-	-	-	-	-	-	-	-	ND (5000)	-	-	-	-	-	-	-	-	-
Alkalinity, Carbonate	-	-	-	-	-	-	-	-	-	ND (5000)	-	-	-	-	-	-	-	-	-
Alkalinity, Hydroxide	-	-	-	-	-	-	-	-	-	ND (5000)	-	-	-	-	-	-	-	-	-
Alkalinity, Total (as CaCO3)	-	-	-	-	-	-	-	-	-	ND (5000)	-	-	-	-	-	-	-	-	-
Carbon Dioxide, Free	-	-	-	-	-	-	-	-	-	ND (5000) HF	-	-	-	-	-	-	-	-	-
Carbon dioxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloride	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved Organic Carbon (DOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethane	-	-	-	-	-	-	-	-	-	ND (7.5)	ND (7.5)	ND (7.5)	-	-	-	-	-	-	-
Ethene	-	-	-	-	-	-	-	-	-	ND (7)	ND (7)	ND (7)	-	-	-	-	-	-	-
Methane	-	-	-	-	-	-	-	-	-	ND (4)	ND (4)	ND (4)	-	-	-	-	-	-	-
Nitrate (as N)	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrite/Nitrate	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Dissolved Solids (TDS)	500000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon (TOC)	-	-	-	1400 B	1600 B	-	-	-	-	720 J	390 J	710 J	-	6200	5200	5000	4700	4500	4100
PCBs (ug/L)																			
Aroclor-1016 (PCB-1016)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (ug/L)																			
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	0.87 ^[A]	-	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Haley & Aldrich, Inc.																			

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	RW-205B	RW-205C	RW-205C	RW-205C	RW-205C	RW-205C	RW-205C	RW-205C	RW-205C	RW-205C	RW-205C	RW-205C	RW-206	RW-206A	RW-206A	RW-206A	RW-206A	RW-206A
Sample Date	Quality	04/08/2020	08/22/2019	10/18/2019	10/23/2019	11/20/2019	12/03/2019	12/18/2019	04/08/2020	08/25/2020	10/22/2020	03/16/2021	03/02/2018	08/22/2019	10/08/2019	10/15/2019	10/22/2019	10/30/2019	11/19/2019
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	100 (ft)	-	-	-	-	-	-	-	-	-	-	55 (ft)	55 (ft)	-	-	-	-
2,4-Dimethylphenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetophenone	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atrazine	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	5000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	6000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																			
1,1,1-Trichloroethane	30	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1,2,2-Tetrachloroethane	1	ND (5)	ND (1) *	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1) *	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1,2-Trichloroethane	3	ND (5)	0.95 J	0.51 J	ND (1)	ND (1)	ND (1)	0.64 J	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1-Dichloroethane	50	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	0.26 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1-Dichloroethene	1	1.3 J ^[A]	0.68 J	0.83 J	0.89 J	1.3 ^[A]	1	0.8 J	1.4 ^[A]	1	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	RW-205B	RW-205C	RW-205C	RW-205C	RW-205C	RW-205C	RW-205C	RW-205C	RW-205C	RW-205C	RW-205C	RW-206	RW-206A	RW-206A	RW-206A	RW-206A	RW-206A	RW-206A
Sample Date	Quality	04/08/2020	08/22/2019	10/18/2019	10/23/2019	11/20/2019	12/03/2019	12/18/2019	04/08/2020	08/25/2020	10/22/2020	03/16/2021	03/02/2018	08/22/2019	10/08/2019	10/15/2019	10/22/2019	10/30/2019	11/19/2019
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	100 (ft)	-	-	-	-	-	-	-	-	-	-	55 (ft)	55 (ft)	-	-	-	-
1,2,4-Trichlorobenzene	9	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromo-3-chloropropane (DBCP)	0.02	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromoethane (Ethylene Dibromide)	0.03	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	-	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichlorobenzene	600	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichloroethane	2	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichloropropane	1	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,3-Dichlorobenzene	600	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,4-Dichlorobenzene	75	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
2-Butanone (Methyl Ethyl Ketone)	300	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (25)	ND (5)	ND (5)	3 J	ND (5)	ND (5)	ND (5)	ND (5)
2-Hexanone	300	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	100	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Acetone	6000	ND (25)	ND (5)	ND (5)	17	13	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (25) *1	4.9 J	9.9	9	11	ND (5)	ND (5)	9
Benzene	1	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromodichloromethane	1	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromoform	4	ND (5) *	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) *	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromomethane (Methyl Bromide)	10	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) *	ND (1)
Carbon disulfide	700	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	0.97 J	ND (1)	ND (1)
Carbon tetrachloride	1	ND (5)	0.47 J	0.41 J	ND (1)	0.38 J	0.41 J	0.41 J *	0.34 J	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chlorobenzene	50	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chloroethane	5	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) *	ND (1)
Chloroform (Trichloromethane)	70	ND (5)	1.3	1.3	1.3	1.3	1.2	1.4	1.5	1.8	2.6 J	2.8 J	0.22 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chloromethane (Methyl Chloride)	100	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
cis-1,2-Dichloroethene	70	20	4.5	4.6	4.8	5.1	4.2	4.9	9.8	15	36	46	36	17	18	18	16	19	18
cis-1,3-Dichloropropene	1	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Cyclohexane	100	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5) *1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Dibromochloromethane	1	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Dichlorodifluoromethane (CFC-12)	1000	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Ethylbenzene	700	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Isopropylbenzene (Cumene)	700	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methyl acetate	7000	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (25)	ND (25)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Methyl cyclohexane	100	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methyl Tert Butyl Ether	70	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methylene chloride	3	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	0.26 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Styrene	100	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Tetrachloroethene	1	ND (5)	0.96 J	1.1 [A]	1.2 [A]	1.5 [A]	1.1 [A]	1.3 [A]	1.2 [A]	1	1.4 J [A]	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Toluene	600	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,2-Dichloroethene	100	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.28 J	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,3-Dichloropropene	1	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Trichloroethene	1	1500 [A]	310 [A]	180 [A]	180 [A]	250 [A]	230 [A]	250 [A]	380 [A]	490 [A]	1000 [A]	1300 [A]	66 [A]	30 [A]	30 [A]	32 [A]	42 [A]	49 [A]	51 [A]
Trichlorofluoromethane (CFC-11)	2000	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Trifluorotrichloroethane (Freon 113)	20000	ND (5)	ND (1)	ND (1)	ND (1)	ND (1) *	ND (1)	ND (1)	ND (1)	ND (1)	ND (5)	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Vinyl chloride	1	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.27 J	0.27 J	ND (5)	ND (5)	2.7 [A]	0.74 J	0.9 J	0.93 J	0.77 J	0.65 J	0.67 J
Xylene (total)	1000	ND (5)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (10)	ND (10)	ND (2)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Volatile Organic Compounds SIM (ug/L)																			
1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	-	-	-	-	-	-	-	-	-	-	ND (0.02)	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	-	-	-	-	-	-	-	-	-	-	ND (0.02)	-	-	-	-	-	-
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	0.38 J	-	-	-	-	-	-

Volatile Organic Compounds SIM (ug/L)

1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	-	-	-	-	-	-	-	-	-	-	ND (0.02)	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	-	-	-	-	-	-	-	-	-	-	ND (0.02)	-	-	-	-	-	-
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	0.38 J	-	-	-	-	-	-

- Notes:
1. ND: Result is not detected above the indicated reporting limit.
J: Estimated value
B: Analyte found in blank and sample
H: Analyzed outside of hold time
D: Sample was diluted.
+: Biased high
 2. Results in **red** exceed the following criteria:
- Groundwater Quality Standards (GWQS)
 3. Results in **bold** are detected.
 4. Sample Types: N - Normal Sample
FD - Field Duplicate

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	RW-206A	RW-206A	RW-206B	RW-206B	RW-206B	RW-206B	RW-206B	RW-206B	RW-206B	RW-206B	RW-206B	RW-206B	RW-206C	RW-206C	RW-206C	RW-206C	RW-206C	RW-206C
Sample Date	Quality	12/06/2019	12/19/2019	08/22/2019	10/08/2019	10/15/2019	10/22/2019	10/30/2019	11/19/2019	12/05/2019	12/20/2019	10/20/2020	10/20/2020	08/22/2019	10/08/2019	10/15/2019	10/22/2019	10/30/2019	11/05/2019
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N
Sample Depth (bgs)		-	-	85 (ft)	85 (ft)	-	-	-	-	-	-	-	-	-	120 (ft)	120 (ft)	-	-	-
Field Parameters																			
Temperature (Deg C)	-	14.07	8.5	19.91	15.68	16.66	15.97	16.44	17	12.67	12.67	17.64	-	18.96	16.28	16.82	16.09	16.14	18.08
Conductivity, Field (mS/cm)	-	1.974	1.51	0.273	0.329	0.286	0.393	0.232	0.246	0.243	0.203	0.206	-	0.398	0.403	0.371	0.417	0.374	0.244
ORP, Field (mv)	-	-9.8	-53.2	96.1	147.6	137.2	155.9	78	13	27.2	-30.5	150.1	-	85.5	133.5	143.9	156.6	-19.5	-116
Turbidity, Field (NTU)	-	5.07	6.32	10.1	8.98	2.27	4.84	8.12	7.56	9.23	2.66	9.96	-	6.25	5.63	9.51	12	13.3	18.4
pH, Field (pH units)	-	11.96	13.41	6.2	7.64	7.27	7.48	6.54	6.02	5.96	5.84	5.53	-	6.92	16.3	7.17	7.14	7.07	7.21
Dissolved Oxygen, Field (ug/L)	-	210	150	970	640	310	570	250	390	280	1550	760	-	1360	190	2320	2090	320	0
Inorganic Compounds (ug/L)																			
Antimony	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	6000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	70	80.1 ^[A]	62.3	283 ^[A]	239 ^[A]	81.8 ^[A]	103 ^[A]	142 ^[A]	5.6	8.7	233 ^[A]	-	-	23.5	18.7	24	36.5	45.7	-
Chromium VI (Hexavalent)	-	67.2	50.1	188	94.3	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	175	-	-	ND (10)	23	4.3 J	ND (10)	ND (10)	-
Cobalt	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	1300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron, Dissolved	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese, Dissolved	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	100	11.9	11.8	7.7	11.5	6.8	4.5	9.9	3.2 J	5	7	-	-	9.1	5.1	8.8	10.9	10.6	-
Selenium	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	50000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other (ug/L)																			
Alkalinity, Bicarbonate (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Carbonate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Hydroxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Total (as CaCO3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Dioxide, Free	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon dioxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloride	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved Organic Carbon (DOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrate (as N)	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrite/Nitrate	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Dissolved Solids (TDS)	500000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon (TOC)	-	4600 B	4000	2200	2600	2400	2100	2500	12400	2800 B	2200	-	-	1700	1700	3200	2500	2500	5300
PCBs (ug/L)																			
Aroclor-1016 (PCB-1016)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (ug/L)																			
1,4-Dioxane	0.4	0.87 ^[A]	-	-	-	-	-	-	-	43 ^[A]	-	28 ^[A]	29 ^[A]	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Haley & Aldrich, Inc.																			

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	RW-206A	RW-206A	RW-206B	RW-206B	RW-206B	RW-206B	RW-206B	RW-206B	RW-206B	RW-206B	RW-206B	RW-206B	RW-206C	RW-206C	RW-206C	RW-206C	RW-206C	RW-206C
Sample Date	Quality	12/06/2019	12/19/2019	08/22/2019	10/08/2019	10/15/2019	10/22/2019	10/30/2019	11/19/2019	12/05/2019	12/20/2019	10/20/2020	10/20/2020	08/22/2019	10/08/2019	10/15/2019	10/22/2019	10/30/2019	11/05/2019
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N
Sample Depth (bgs)		-	-	85 (ft)	85 (ft)	-	-	-	-	-	-	-	-	120 (ft)	120 (ft)	-	-	-	-
2,4-Dimethylphenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetophenone	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atrazine	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	5000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	6000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																			
1,1,1-Trichloroethane	30	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
1,1,2,2-Tetrachloroethane	1	ND (1)	ND (1)	ND (2) *	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5) *	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
1,1,2-Trichloroethane	3	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	0.9 J	ND (2)	0.57 J	0.53 J	2.5 J	ND (5)	1.3 J	1.5 J	ND (5)	2.8 J
1,1-Dichloroethane	50	ND (1)	ND (1)	0.91 J	0.63 J	1 J	1.3 J	0.95 J	ND (10)	2.4	0.79 J	1.1 J	1.2 J	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
1,1-Dichloroethene	1	ND (1)	ND (1)	2 [A]	2 [A]	2.2 [A]	3.2 [A]	2.5 [A]	3.5 J [A]	6.7 [A]	2.2 [A]	2.2 [A]	2.7 [A]	2 J [A]	2.1 J [A]	1.6 J [A]	1.1 J [A]	3.1 J [A]	2.3 J [A]

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	RW-206A	RW-206A	RW-206B	RW-206B	RW-206B	RW-206B	RW-206B	RW-206B	RW-206B	RW-206B	RW-206B	RW-206B	RW-206C	RW-206C	RW-206C	RW-206C	RW-206C	RW-206C
Sample Date	Quality	12/06/2019	12/19/2019	08/22/2019	10/08/2019	10/15/2019	10/22/2019	10/30/2019	11/19/2019	12/05/2019	12/20/2019	10/20/2020	10/20/2020	08/22/2019	10/08/2019	10/15/2019	10/22/2019	10/30/2019	11/05/2019
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	-	85 (ft)	85 (ft)	-	-	-	-	-	-	-	-	120 (ft)	120 (ft)	-	-	-	-
1,2,4-Trichlorobenzene	9	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
1,2-Dibromo-3-chloropropane (DBCP)	0.02	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
1,2-Dibromoethane (Ethylene Dibromide)	0.03	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
1,2-Dichlorobenzene	600	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
1,2-Dichloroethane	2	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
1,2-Dichloropropane	1	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
1,3-Dichlorobenzene	600	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
1,4-Dichlorobenzene	75	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
2-Butanone (Methyl Ethyl Ketone)	300	ND (5)	ND (5)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (50)	ND (5)	ND (10)	ND (10)	ND (10)	ND (25)	ND (25)	ND (10)	ND (10)	ND (25)	ND (25)
2-Hexanone	300	ND (5)	ND (5)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (50)	ND (5)	ND (10)	ND (10)	ND (10)	ND (25)	ND (25)	ND (10)	ND (10)	ND (25)	ND (25)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	100	ND (5)	ND (5)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (50)	ND (5)	ND (10)	ND (10)	ND (10)	ND (25)	ND (25)	ND (10)	ND (10)	ND (25)	ND (25)
Acetone	6000	ND (5)	4.7 J	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (50)	ND (5)	10	ND (10)	ND (10)	ND (25)	ND (25)	ND (10)	ND (10)	ND (25)	ND (25)
Benzene	1	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
Bromodichloromethane	1	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
Bromoform	4	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
Bromomethane (Methyl Bromide)	10	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
Carbon disulfide	700	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
Carbon tetrachloride	1	ND (1)	ND (1)	2.7 [A]	2.6 [A]	3.1 [A]	5.6 [A]	4.6 [A]	ND (10)	17 [A]	3.3 [A]	4.9 [A]	6.4 [A]	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
Chlorobenzene	50	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
Chloroethane	5	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
Chloroform (Trichloromethane)	70	ND (1)	ND (1)	3.5	3.4	4.2	5.5	4.1	ND (10)	10	3.7	4.4	4.7	ND (5)	ND (5)	0.77 J	0.84 J	ND (5)	ND (5)
Chloromethane (Methyl Chloride)	100	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
cis-1,2-Dichloroethene	70	17	21	77 [A]	100 [A]	88 [A]	54	76 [A]	2800 [A]	73 F1 [A]	76 [A]	73 [A]	84 [A]	500 [A]	1000 [A]	570 [A]	320 [A]	1100 [A]	850 [A]
cis-1,3-Dichloropropene	1	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
Cyclohexane	100	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
Dibromochloromethane	1	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
Dichlorodifluoromethane (CFC-12)	1000	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
Ethylbenzene	700	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
Isopropylbenzene (Cumene)	700	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
Methyl acetate	7000	ND (5)	ND (5)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (50)	ND (5)	ND (10)	ND (10)	ND (10)	ND (25)	ND (25)	ND (10)	ND (10)	ND (25)	ND (25)
Methyl cyclohexane	100	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
Methyl Tert Butyl Ether	70	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
Methylene chloride	3	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
Styrene	100	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
Tetrachloroethene	1	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	1.8 J [A]	ND (5)	1.1 J [A]	1.3 J [A]	ND (5)	1.2 J [A]
Toluene	600	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
trans-1,2-Dichloroethene	100	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	14	ND (1)	ND (2)	ND (2)	ND (2)	2.4 J	5.1	4.4	1.6 J	5.7	3.9 J
trans-1,3-Dichloropropene	1	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
Trichloroethene	1	56 [A]	130 [A]	600 [A]	730 [A]	600 [A]	460 [A]	590 [A]	280 [A]	690 D [A]	580 [A]	540 [A]	630 [A]	1400 [A]	450 [A]	630 [A]	940 [A]	870 [A]	1900 [A]
Trichlorofluoromethane (CFC-11)	2000	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
Trifluorotrichloroethane (Freon 113)	20000	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (2)	ND (2)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
Vinyl chloride	1	0.62 J	0.79 J	2.4 [A]	5 [A]	4 [A]	1.2 J [A]	2.6 [A]	15 [A]	1.4 [A]	2.5 [A]	1.6 J [A]	2 [A]	2.2 J [A]	6.7 [A]	4.2 [A]	2.4 [A]	9 [A]	2.7 J [A]
Xylene (total)	1000	ND (1)	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (10)	ND (1)	ND (2)	ND (4)	ND (4)	ND (5)	ND (5)	ND (2)	ND (2)	ND (5)	ND (5)
Volatile Organic Compounds SIM (ug/L)																			
1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Volatile Organic Compounds SIM (ug/L)

1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

1. ND: Result is not detected above the indicated reporting limit.
J: Estimated value
B: Analyte found in blank and sample
H: Analyzed outside of hold time
D: Sample was diluted.
+: Biased high
2. Results in **red** exceed the following criteria:
- Groundwater Quality Standards (GWQS)
3. Results in **bold** are detected.
4. Sample Types: N - Normal Sample
FD - Field Duplicate

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	RW-206C	RW-206C	RW-206C	RW-206C	RW-206C	RW-206C	RW-206C	RW-206C	RW-206C	RW-206C	RW-207	RW-207	RW-207	RW-207	RW-207	RW-207	RW-207	RW-207
Sample Date	Quality	11/13/2019	11/19/2019	12/05/2019	12/19/2019	01/20/2020	02/20/2020	04/08/2020	08/25/2020	10/20/2020	03/15/2021	05/20/2020	05/20/2020	05/20/2020	05/20/2020	05/20/2020	05/20/2020	08/25/2020	08/26/2020
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	65 (ft)	75.5 (ft)	102 (ft)	110 (ft)	114 (ft)	122 (ft)		102 (ft)
Field Parameters																			
Temperature (Deg C)	-	11.82	17.27	13.39	13.04	11.91	13.1	15.94	21.72	17.26	16.11	17.31	18.09	19.35	19.98	20.17	20.46	-	19.26
Conductivity, Field (mS/cm)	-	0.302	0.39	0.376	0.371	0.372	0.351	0.473	0.362	0.306	0.309	1.028	1.06	1.127	1.159	1.191	1.225	-	0.718
ORP, Field (mv)	-	-115	-37.2	-40.2	-109.6	-122.5	84.4	117.6	-136.7	-150.2	-138.4	15.8	19.9	30.2	17.8	2.9	-4.2	-	27.5
Turbidity, Field (NTU)	-	14.1	13.8	14.2	2.22	10.8	7.95	1.72	2.75	12.9	9.83	351	476	685	447	406	329	-	96.4
pH, Field (pH units)	-	7.3	6.96	6.98	7.21	7.24	8.43	9.74	8.65	7.39	7.51	5.17	5.29	5.5	5.61	5.73	5.85	-	4.93
Dissolved Oxygen, Field (ug/L)	-	0	200	330	200	560	310	150	330	2190	2420	380	290	280	270	210	410	-	1170
Inorganic Compounds (ug/L)																			
Antimony	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	6000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	70	-	156 ^[A]	6.2	4.1	-	-	8.7	ND (4)	61.7	ND (4)	-	-	-	-	-	-	-	-
Chromium VI (Hexavalent)	-	-	ND (10)	ND (10)	8.4 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	1300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	300	-	-	-	4400 ^[A]	594 ^[A]	1470 ^[A]	1290 ^[A]	72.9 J	1240 ^[A]	1670 ^[A]	62700 ^[A]	53300 ^[A]	19700 ^[A]	11200 ^[A]	8100 ^[A]	8500 ^[A]	-	23100 ^[A]
Iron, Dissolved	300	-	-	-	ND (120)	75.5 J	338 ^[A]	195	52.3 J	838 B ^[A]	1650 ^[A]	90700 ^[A]	125000 ^[A]	34900 ^[A]	23200 ^[A]	8340 ^[A]	8000 ^[A]	-	23200 ^[A]
Lead	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	50	-	-	-	3490 ^[A]	3360 ^[A]	2420 ^[A]	1830 ^[A]	719 ^[A]	2250 ^[A]	2170 ^[A]	11300 ^[A]	13800 ^[A]	27800 ^[A]	34900 ^[A]	53100 ^[A]	68400 ^[A]	-	14000 ^[A]
Manganese, Dissolved	50	-	-	-	3070 ^[A]	3320 ^[A]	1930 ^[A]	1160 ^[A]	709 ^[A]	2310 ^[A]	2220 B ^[A]	16800 ^[A]	33800 ^[A]	53600 ^[A]	72100 ^[A]	60500 ^[A]	70500 ^[A]	-	13000 ^[A]
Mercury	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	100	-	5.7	4	3.3 J	-	-	5	1.7 J	34.3	2.4 J	-	-	-	-	-	-	-	30.4
Selenium	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	50000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other (ug/L)																			
Alkalinity, Bicarbonate (as CaCO3)	-	-	-	-	-	-	-	-	110000	-	-	-	-	-	-	-	-	-	190000
Alkalinity, Carbonate	-	-	-	-	-	-	-	-	38600	-	-	-	-	-	-	-	-	-	ND (5000)
Alkalinity, Hydroxide	-	-	-	-	-	-	-	-	ND (5000)	-	-	-	-	-	-	-	-	-	ND (5000)
Alkalinity, Total (as CaCO3)	-	-	-	-	-	-	-	-	149000	-	-	-	-	-	-	-	-	-	190000
Carbon Dioxide, Free	-	-	-	-	-	-	-	-	ND (5000) HF	-	-	-	-	-	-	-	-	-	3020000 HF
Carbon dioxide	-	-	-	-	7200 HF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloride	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved Organic Carbon (DOC)	-	-	-	-	-	4200	3100	-	-	-	-	-	-	-	-	-	-	-	-
Ethane	-	-	-	-	ND (7.5)	ND (7.5)	ND (7.5)	ND (7.5)	ND (83)	ND (7.5)	ND (7.5)	-	-	-	-	-	-	-	ND (170)
Ethene	-	-	-	-	ND (7)	ND (7)	ND (7)	2.6 J	ND (77)	ND (7)	24	-	-	-	-	-	-	-	ND (150)
Methane	-	-	-	-	46	38	34	37	380	2100 D	9900 D	-	-	-	-	-	-	-	7700
Nitrate (as N)	10000	-	-	-	ND (100) H	29 JB	24 J	ND (100)	23 JB	16 J	23 J	61 J	60 J	210	1100	ND (100)	19 J	-	31 J
Nitrite/Nitrate	10000	-	-	-	25 JHB	65 JB	56 JB	26 J	56 JB^	ND (100)	50 J	89 J	100	300	1200	37 J	ND (100)	-	ND (100)
Sulfate	250000	-	-	-	5930	4490	5900	6800	10400	6300	6800	ND (5000)	ND (5000)	ND (5000)	ND (5000)	ND (5000)	ND (5000)	-	ND (5000)
Total Dissolved Solids (TDS)	500000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon (TOC)	-	6800 B	2100	9700 B	7000	4400	3200	2600	2400	1600	1800	9030000	12900000	4270000	1920000	519000	341000	-	522000
PCBs (ug/L)																			
Aroclor-1016 (PCB-1016)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (ug/L)																			
1,4-Dioxane	0.4	-	-	2 ^[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Haley & Aldrich, Inc.																			

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	RW-206C	RW-206C	RW-206C	RW-206C	RW-206C	RW-206C	RW-206C	RW-206C	RW-206C	RW-206C	RW-206C	RW-207	RW-207	RW-207	RW-207	RW-207	RW-207	RW-207	RW-207
Sample Date	Quality	11/13/2019	11/19/2019	12/05/2019	12/19/2019	01/20/2020	02/20/2020	04/08/2020	08/25/2020	10/20/2020	03/15/2021	05/20/2020	05/20/2020	05/20/2020	05/20/2020	05/20/2020	05/20/2020	05/20/2020	08/25/2020	08/26/2020
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	-	65 (ft)	75.5 (ft)	102 (ft)	110 (ft)	114 (ft)	122 (ft)	-	102 (ft)
2,4-Dimethylphenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetophenone	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atrazine	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	100	-	-	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	5000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	6000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																				
1,1,1-Trichloroethane	30	ND (5)	ND (2)	ND (2)	ND (10)	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	ND (20)	-	ND (5)
1,1,2,2-Tetrachloroethane	1	ND (5)	ND (2)	ND (2)	ND (10)	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	ND (20)	-	ND (5)
1,1,2-Trichloroethane	3	2.6 J	ND (2)	2.3	ND (10)	ND (20)	ND (20)	ND (20)	4.3 J ^[A]	5 J ^[A]	5.4 J ^[A]	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	ND (20)	-	ND (5)
1,1-Dichloroethane	50	ND (5)	1.6 J	ND (2)	ND (10)	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	ND (20)	-	ND (5)
1,1-Dichloroethene	1	3 J ^[A]	4.3 ^[A]	4.3 ^[A]	5.2 J ^[A]	7.2 J ^[A]	11 J ^[A]	13 J ^[A]	13 ^[A]	12 ^[A]	13 ^[A]	ND (100)	ND (100)	10 J ^[A]	16 ^[A]	15 J ^[A]	12 J ^[A]	12 J ^[A]	-	2.1 J ^[A]

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	RW-206C	RW-206C	RW-206C	RW-206C	RW-206C	RW-206C	RW-206C	RW-206C	RW-206C	RW-206C	RW-207	RW-207	RW-207	RW-207	RW-207	RW-207	RW-207	RW-207
Sample Date	Quality	11/13/2019	11/19/2019	12/05/2019	12/19/2019	01/20/2020	02/20/2020	04/08/2020	08/25/2020	10/20/2020	03/15/2021	05/20/2020	05/20/2020	05/20/2020	05/20/2020	05/20/2020	05/20/2020	08/25/2020	08/26/2020
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-	-	65 (ft)	75.5 (ft)	102 (ft)	110 (ft)	114 (ft)	122 (ft)		102 (ft)
1,2,4-Trichlorobenzene	9	ND (5)	ND (2)	ND (2)	-	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
1,2-Dibromo-3-chloropropane (DBCP)	0.02	ND (5)	ND (2)	ND (2)	-	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
1,2-Dibromoethane (Ethylene Dibromide)	0.03	ND (5)	ND (2)	ND (2)	-	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
1,2-Dichlorobenzene	600	ND (5)	ND (2)	ND (2)	-	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
1,2-Dichloroethane	2	ND (5)	ND (2)	0.92 J	ND (10)	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	5.1 J ^[A]	ND (20)	ND (20)	-	ND (5)
1,2-Dichloropropane	1	ND (5)	ND (2)	ND (2)	ND (10)	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
1,3-Dichlorobenzene	600	ND (5)	ND (2)	ND (2)	-	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
1,4-Dichlorobenzene	75	ND (5)	ND (2)	ND (2)	-	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
2-Butanone (Methyl Ethyl Ketone)	300	ND (25)	ND (10)	ND (10)	-	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (500)	ND (500)	ND (130)	ND (50)	ND (100)	ND (100)	-	ND (25)
2-Hexanone	300	ND (25)	ND (10)	ND (10)	-	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (500)	ND (500)	ND (130)	ND (50)	ND (100)	ND (100)	-	ND (25)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	100	ND (25)	ND (10)	ND (10)	-	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (500)	ND (500)	ND (130)	ND (50)	ND (100)	ND (100)	-	ND (25)
Acetone	6000	ND (25)	ND (10)	ND (10)	-	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	64	ND (500)	ND (500)	ND (130)	ND (50)	ND (100)	ND (100)	-	ND (25)
Benzene	1	ND (5)	ND (2)	ND (2)	-	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	2.4 J ^[A]	ND (20)	ND (20)	-	ND (5)
Bromodichloromethane	1	ND (5)	ND (2)	ND (2)	ND (10)	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
Bromoform	4	ND (5)	ND (2)	ND (2)	-	ND (20)	ND (20)	ND (20) *	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
Bromomethane (Methyl Bromide)	10	ND (5)	ND (2)	ND (2)	-	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100) *	ND (100) *	ND (25) *	ND (10) *	ND (20) *	ND (20) *	-	ND (5)
Carbon disulfide	700	ND (5)	ND (2)	2.3	-	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
Carbon tetrachloride	1	ND (5)	7.4 ^[A]	ND (2)	ND (10)	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
Chlorobenzene	50	ND (5)	ND (2)	ND (2)	ND (10)	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
Chloroethane	5	ND (5)	ND (2)	ND (2)	ND (10)	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
Chloroform (Trichloromethane)	70	ND (5)	6.5	0.95 J	ND (10)	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
Chloromethane (Methyl Chloride)	100	ND (5)	ND (2)	ND (2)	ND (10)	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
cis-1,2-Dichloroethene	70	1100 ^[A]	62	2700 D ^[A]	3800 ^[A]	4900 ^[A]	4100 ^[A]	3800 ^[A]	3400 ^[A]	3800 ^[A]	4800 ^[A]	470 ^[A]	530 ^[A]	2000 ^[A]	4600 ^[A]	5000 ^[A]	4900 ^[A]	-	1500 ^[A]
cis-1,3-Dichloropropene	1	ND (5)	ND (2)	ND (2)	ND (10)	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
Cyclohexane	100	ND (5)	ND (2)	ND (2)	-	ND (20)	ND (20)	ND (20)	ND (10) *1	ND (10)	ND (10)	82 J	70 J	23 J	12	ND (20)	ND (20)	-	ND (5)
Dibromochloromethane	1	ND (5)	ND (2)	ND (2)	ND (10)	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
Dichlorodifluoromethane (CFC-12)	1000	ND (5)	ND (2)	ND (2)	-	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
Ethylbenzene	700	ND (5)	ND (2)	ND (2)	-	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
Isopropylbenzene (Cumene)	700	ND (5)	ND (2)	ND (2)	-	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
Methyl acetate	7000	ND (25)	ND (10)	ND (10)	-	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50) *+	950	890	330	170	72 J	51 J	-	7.8 J
Methyl cyclohexane	100	ND (5)	ND (2)	ND (2)	-	ND (20)	ND (20)	ND (20)	ND (10) *1	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
Methyl Tert Butyl Ether	70	ND (5)	ND (2)	ND (2)	-	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
Methylene chloride	3	ND (5)	ND (2)	ND (2)	ND (10)	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	6 J ^[A]	ND (20)	ND (20)	-	ND (5)
Styrene	100	ND (5)	ND (2)	ND (2)	-	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
Tetrachloroethene	1	1.3 J ^[A]	ND (2)	ND (2)	ND (10)	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
Toluene	600	ND (5)	ND (2)	ND (2)	-	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
trans-1,2-Dichloroethene	100	5.2	ND (2)	16	46	46	33	27	17	32	29	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	6.2
trans-1,3-Dichloropropene	1	ND (5)	ND (2)	ND (2)	ND (10)	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
Trichloroethene	1	1600 ^[A]	620 ^[A]	54 ^[A]	390 ^[A]	110 ^[A]	2700 ^[A]	4000 ^[A]	3600 ^[A]	2100 ^[A]	1400 ^[A]	24000 ^[A]	21000 ^[A]	8100 ^[A]	3700 ^[A]	730 ^[A]	52 ^[A]	-	840 ^[A]
Trichlorofluoromethane (CFC-11)	2000	ND (5)	ND (2)	ND (2)	-	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
Trifluorotrichloroethane (Freon 113)	20000	ND (5)	ND (2)	ND (2)	-	ND (20)	ND (20)	ND (20)	ND (10)	ND (10)	ND (10)	ND (100)	ND (100)	ND (25)	ND (10)	ND (20)	ND (20)	-	ND (5)
Vinyl chloride	1	8.6 ^[A]	1.7 J ^[A]	22 ^[A]	140 ^[A]	36 ^[A]	93 ^[A]	58 ^[A]	23 ^[A]	29 ^[A]	110 ^[A]	18 J ^[A]	ND (100)	24 J ^[A]	59 ^[A]	69 ^[A]	67 ^[A]	-	110 ^[A]
Xylene (total)	1000	ND (5)	ND (2)	ND (2)	-	ND (20)	ND (20)	ND (20)	ND (10)	ND (20)	ND (20)	ND (100)	ND (100)	ND (25)	3.5 J	ND (20)	ND (20)	-	ND (5)

Volatile Organic Compounds SIM (ug/L)

1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

1. ND: Result is not detected above the indicated reporting limit.
J: Estimated value
B: Analyte found in blank and sample
H: Analyzed outside of hold time
D: Sample was diluted.
+: Biased high
2. Results in **red** exceed the following criteria:
- Groundwater Quality Standards (GWQS)
3. Results in **bold** are detected.
4. Sample Types: N - Normal Sample
FD - Field Duplicate

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	RW-207	RW-207	RW-207	RW-207	RW-207A	RW-207B	RW-207C	RW-207C	RW-207C	RW-207C	RW-207C	RW-207C	RW-207C	RW-207C	RW-207C	RW-207C	RW-208	RW-208
Sample Date	Quality	08/26/2020	08/26/2020	08/26/2020	10/23/2020	09/03/2019	09/03/2019	09/03/2019	09/03/2019	10/26/2019	10/26/2019	10/26/2019	10/26/2019	01/20/2020	02/20/2020	04/08/2020	03/16/2021	06/05/2020	06/05/2020
Sample Type	Standards	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		110 (ft)	114 (ft)	122 (ft)	-	-	-	-	-	-	-	-	-	-	-	-	100 (ft)	69 (ft)	86 (ft)
Field Parameters																			
Temperature (Deg C)	-	19.86	20.44	21.34	19.41	21.12	20.41	18.59	-	19.27	18.17	17.43	17.18	11.86	11.16	15.81	14.23	17.78	18.71
Conductivity, Field (mS/cm)	-	0.827	1.197	1.289	1.268	0.319	0.317	0.339	-	0.423	0.382	0.383	0.369	0.634	0.427	0.813	2.464	0.779	0.767
ORP, Field (mv)	-	17.7	16.9	16	-24.4	-63.8	-63	-20.1	-	110	256	230	221	-99.3	79.6	-7.8	124.2	-166.7	-158.6
Turbidity, Field (NTU)	-	91.1	80.8	67.2	378	60.3	59.4	69.4	-	999	999	999	999	121	341	999	953	13.6	12.9
pH, Field (pH units)	-	5.11	5.23	5.33	4.7	7.37	7.36	6.16	-	6.48	7.12	7.85	7.23	7.43	4.72	5.35	4.21	6.74	6.89
Dissolved Oxygen, Field (ug/L)	-	440	220	130	1080	80	120	350	-	11250	10210	11060	9890	540	100	20	130	4760	2860
Inorganic Compounds (ug/L)																			
Antimony	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	6000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	70	17.1	25.9	28	25	5.6	15.4	37	40.8	-	-	-	-	-	-	76.3 ^[A]	33.4	-	-
Chromium VI (Hexavalent)	-	-	-	-	-	8.2 J	9.4 J	ND (10)	ND (10)	-	-	-	-	-	-	-	-	-	-
Cobalt	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	1300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	300	24600 ^[A]	44700 ^[A]	32900 ^[A]	52600 ^[A]	-	-	-	-	-	-	-	-	86900 ^[A]	12200 ^[A]	22700 ^[A]	52100 ^[A]	72100 ^[A]	70900 ^[A]
Iron, Dissolved	300	24600 ^[A]	45300 ^[A]	32800 ^[A]	50900 B ^[A]	-	-	-	-	-	-	-	-	81300 ^[A]	12600 ^[A]	41400 ^[A]	56400 ^[A]	63500 ^[A]	59500 ^[A]
Lead	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	50	51900 ^[A]	90400 ^[A]	58000 ^[A]	75400 ^[A]	-	-	-	-	-	-	-	-	8040 ^[A]	24400 ^[A]	5970 ^[A]	157000 ^[A]	9400 ^[A]	9740 ^[A]
Manganese, Dissolved	50	57300 ^[A]	93100 ^[A]	61000 ^[A]	67500 ^[A]	-	-	-	-	-	-	-	-	8100 ^[A]	22600 ^[A]	10900 ^[A]	209000 ^[A]	8570 ^[A]	8290 ^[A]
Mercury	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	100	75.5	187 ^[A]	113 ^[A]	196 ^[A]	5.3	10.2	4.5	4.6	-	-	-	-	-	-	15.9	390 ^[A]	-	-
Selenium	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	50000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other (ug/L)																			
Alkalinity, Bicarbonate (as CaCO3)	-	294000	417000	303000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Carbonate	-	ND (5000)	ND (5000)	ND (5000)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Hydroxide	-	ND (5000)	ND (5000)	ND (5000)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alkalinity, Total (as CaCO3)	-	294000	417000	303000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Dioxide, Free	-	4700000 HF	7070000 HF	5160000 HF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon dioxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloride	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved Organic Carbon (DOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	153000	499000	-	-	-	-
Ethane	-	ND (170)	ND (170)	ND (330)	ND (170)	-	-	-	-	-	-	-	-	4.5 J	9.7	ND (660)	ND (170)	-	-
Ethene	-	ND (150)	ND (150)	ND (310)	ND (150)	-	-	-	-	-	-	-	-	17	4 J	ND (620)	ND (150)	-	-
Methane	-	7900 D	11000 D	5500	30000 D	-	-	-	-	-	-	-	-	5.9	35	ND (350)	22000 D	-	-
Nitrate (as N)	10000	68 J	42 J	ND (100)	ND (100)	-	-	-	-	-	-	-	-	46 JB	43 J	3700 J	50 J	69 J	45 J
Nitrite/Nitrate	10000	ND (100)	ND (100)	ND (100)	40 J	-	-	-	-	-	-	-	-	30 JB	110 JB	4500 J	34 J	120	ND (100)
Sulfate	250000	ND (5000)	ND (5000)	8900	2500 J	-	-	-	-	-	-	-	-	ND (600)	ND (5000)	431000 ^[A]	ND (5000)	ND (5000)	ND (5000)
Total Dissolved Solids (TDS)	500000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon (TOC)	-	830000	2090000	1310000	1440000	-	-	-	-	9860000	2130000	1670000	1400000	173000	495000	12300000	4110000	121000	114000
PCBs (ug/L)																			
Aroclor-1016 (PCB-1016)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (ug/L)																			
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Haley & Aldrich, Inc.																			

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	RW-207	RW-207	RW-207	RW-207	RW-207A	RW-207B	RW-207C	RW-207C	RW-207C	RW-207C	RW-207C	RW-207C	RW-207C	RW-207C	RW-207C	RW-208	RW-208	
Sample Date	Quality	08/26/2020	08/26/2020	08/26/2020	10/23/2020	09/03/2019	09/03/2019	09/03/2019	09/03/2019	10/26/2019	10/26/2019	10/26/2019	10/26/2019	01/20/2020	02/20/2020	04/08/2020	03/16/2021	06/05/2020	06/05/2020
Sample Type	Standards	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		110 (ft)	114 (ft)	122 (ft)	-	-	-	-	-	-	-	-	-	-	-	-	100 (ft)	69 (ft)	86 (ft)
2,4-Dimethylphenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetophenone	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atrazine	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	5000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	6000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																			
1,1,1-Trichloroethane	30	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)
1,1,2,2-Tetrachloroethane	1	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)
1,1,2-Trichloroethane	3	ND (10)	ND (20)	ND (10)	3.2 J ^[A]	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (100)	2.7 J	ND (100)	ND (10)	ND (50)	ND (50)
1,1-Dichloroethane	50	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)
1,1-Dichloroethene	1	4.6 J ^[A]	ND (20)	ND (10)	5 J ^[A]	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	74 J ^[A]	6.7 ^[A]	ND (100) *	3.2 J ^[A]	ND (50)	ND (50)

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	RW-207	RW-207	RW-207	RW-207	RW-207A	RW-207B	RW-207C	RW-207C	RW-207C	RW-207C	RW-207C	RW-207C	RW-207C	RW-207C	RW-207C	RW-207C	RW-208	RW-208	
Sample Date	Quality	08/26/2020	08/26/2020	08/26/2020	10/23/2020	09/03/2019	09/03/2019	09/03/2019	09/03/2019	10/26/2019	10/26/2019	10/26/2019	10/26/2019	10/26/2019	01/20/2020	02/20/2020	04/08/2020	03/16/2021	06/05/2020	06/05/2020
Sample Type	Standards	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		110 (ft)	114 (ft)	122 (ft)	-	-	-	-	-	-	-	-	-	-	-	-	-	100 (ft)	69 (ft)	86 (ft)
1,2,4-Trichlorobenzene	9	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)
1,2-Dibromo-3-chloropropane (DBCP)	0.02	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)
1,2-Dibromoethane (Ethylene Dibromide)	0.03	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)
1,2-Dichlorobenzene	600	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)
1,2-Dichloroethane	2	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)
1,2-Dichloropropane	1	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)
1,3-Dichlorobenzene	600	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)
1,4-Dichlorobenzene	75	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)
2-Butanone (Methyl Ethyl Ketone)	300	ND (50)	ND (100)	ND (50)	190	ND (500)	ND (500)	ND (100)	ND (100)	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (500)	ND (25)	ND (500)	130	ND (250)	ND (250)
2-Hexanone	300	ND (50)	ND (100)	ND (50)	ND (50)	ND (500)	ND (500)	ND (100)	ND (100)	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (500)	ND (25)	ND (500)	ND (50)	ND (250)	ND (250)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	100	ND (50)	ND (100)	ND (50)	ND (50)	ND (500)	ND (500)	ND (100)	ND (100)	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (500)	ND (25)	ND (500)	ND (50)	ND (250)	ND (250)
Acetone	6000	ND (50)	ND (100)	ND (50)	53	ND (500)	ND (500)	ND (100)	ND (100)	ND (250)	ND (100)	ND (100)	ND (100)	ND (100)	ND (500)	ND (25)	ND (500)	71	ND (250)	ND (250)
Benzene	1	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)
Bromodichloromethane	1	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)
Bromoform	4	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)
Bromomethane (Methyl Bromide)	10	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100) *	ND (10)	ND (50)	ND (50)
Carbon disulfide	700	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)
Carbon tetrachloride	1	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)
Chlorobenzene	50	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)
Chloroethane	5	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)
Chloroform (Trichloromethane)	70	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)
Chloromethane (Methyl Chloride)	100	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)
cis-1,2-Dichloroethene	70	4600 [A]	5600 [A]	2400 [A]	2400 [A]	77 J [A]	89 J [A]	22	15 J	15 J	7.9 J	9.3 J	8.7 J	28000 [A]	1400 [A]	360 [A]	2400 [A]	ND (50)	22 J	
cis-1,3-Dichloropropene	1	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)
Cyclohexane	100	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	30 J	9.1 J	11 J	8.7 J	ND (100)	1.8 J	88 J	ND (10)	ND (50)	ND (50)	
Dibromochloromethane	1	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)	
Dichlorodifluoromethane (CFC-12)	1000	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)	
Ethylbenzene	700	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)	
Isopropylbenzene (Cumene)	700	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)	
Methyl acetate	7000	10 J	21 J	11 J	ND (50)	ND (500)	ND (500)	ND (100)	ND (100)	330	200	210	180	79 J	140	780	34 J	ND (250)	ND (250)	
Methyl cyclohexane	100	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)	
Methyl Tert Butyl Ether	70	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)	
Methylene chloride	3	ND (10)	ND (20)	ND (10)	3.2 J [A]	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (100)	4.7 J [A]	ND (100) *	ND (10)	ND (50)	ND (50)	
Styrene	100	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)	
Tetrachloroethene	1	ND (10)	ND (20)	ND (10)	ND (10)	25 J [A]	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)	
Toluene	600	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)	
trans-1,2-Dichloroethene	100	22	25	10	7.8 J	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100) *	6.7 J	24 J	23 J	
trans-1,3-Dichloropropene	1	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)	
Trichloroethene	1	400 [A]	230 [A]	130 [A]	1000 [A]	24000 [A]	26000 [A]	7300 [A]	5600 [A]	12000 [A]	4500 [A]	4900 [A]	4000 [A]	1900 [A]	1500 [A]	26000 [A]	1600 [A]	ND (50)	ND (50)	
Trichlorofluoromethane (CFC-11)	2000	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (10)	ND (50)	ND (50)	
Trifluorotrichloroethane (Freon 113)	20000	ND (10)	ND (20)	ND (10)	ND (10)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100) *	ND (10)	ND (50)	ND (50)	
Vinyl chloride	1	140 [A]	150 [A]	69 [A]	110 [A]	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	88 J [A]	10 [A]	ND (100) *	82 [A]	15000 [A]	13000 [A]	
Xylene (total)	1000	ND (10)	ND (20)	ND (10)	ND (20)	ND (100)	ND (100)	ND (20)	ND (20)	ND (50)	ND (20)	ND (20)	ND (20)	ND (100)	ND (5)	ND (100)	ND (20)	ND (50)	ND (50)	
Volatile Organic Compounds SIM (ug/L)																				
1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Volatile Organic Compounds SIM (ug/L)

1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- Notes:
1. ND: Result is not detected above the indicated reporting limit.
J: Estimated value
B: Analyte found in blank and sample
H: Analyzed outside of hold time
D: Sample was diluted.
+: Biased high
 2. Results in **red** exceed the following criteria:
- Groundwater Quality Standards (GWQS)
 3. Results in **bold** are detected.
 4. Sample Types: N - Normal Sample
FD - Field Duplicate

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	RW-208	RW-208	RW-208	RW-208	RW-208	RW-208	RW-208	RW-208	RW-208	RW-208	RW-208	RW-208	RW-208A	RW-208B	RW-208C	Sample Port	Sample Port	
Sample Date	Quality	06/05/2020	06/05/2020	06/05/2020	08/26/2020	08/26/2020	08/26/2020	08/26/2020	08/26/2020	03/17/2021	03/17/2021	03/17/2021	03/17/2021	03/17/2021	09/03/2019	09/03/2019	09/03/2019	10/03/2019	10/08/2019
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		96 (ft)	108 (ft)	120 (ft)	69 (ft)	86 (ft)	96 (ft)	108 (ft)	120 (ft)	69 (ft)	86 (ft)	96 (ft)	108 (ft)	120 (ft)	-	-	-	-	-
Field Parameters																			
Temperature (Deg C)	-	19.63	20.41	21.41	18.14	18.32	17.99	19.96	17.68	11.01	10.37	11.79	12.5	14.12	19.66	20.06	18.52	16.16	14.45
Conductivity, Field (mS/cm)	-	0.728	0.711	0.689	0.646	0.605	0.566	0.516	0.445	0.504	0.367	0.337	0.305	0.36	0.442	0.421	0.435	0.411	0.429
ORP, Field (mv)	-	-145.1	-136.9	-128.7	-43.1	-38.2	-38.9	-41.8	-45.4	-55.9	10.2	37.8	43.9	43.1	-6.7	-1.6	7.9	57.1	212.8
Turbidity, Field (NTU)	-	12.4	15.4	19.3	21	15.9	13.1	18.1	35.2	12.8	12.2	10.9	14.9	999	140	392	223	999	999
pH, Field (pH units)	-	6.82	6.68	6.52	6.03	5.97	5.95	5.87	5.78	5.59	5.85	5.66	5.57	5.38	6.01	5.88	5.88	6.95	6.55
Dissolved Oxygen, Field (ug/L)	-	2780	1580	1560	110	100	80	70	60	1820	1140	740	510	290	340	240	180	3350	1950
Inorganic Compounds (ug/L)																			
Antimony	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	6000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	70	-	-	-	10	9.3	9.4	16.4	36.1	ND (8)	ND (8)	ND (8)	17.9	217 ^[A]	207 ^[A]	272 ^[A]	209 ^[A]	2060 ^[A]	301 ^[A]
Chromium VI (Hexavalent)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ND (40)	ND (40)	ND (10)	509	ND (2000)
Cobalt	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	1300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	300	64600 ^[A]	47400 ^[A]	70800 ^[A]	91400 ^[A]	75200 ^[A]	66000 ^[A]	47700 ^[A]	27000 ^[A]	104000 ^[A]	93900 ^[A]	82300 ^[A]	53700 ^[A]	93800 ^[A]	-	-	-	-	-
Iron, Dissolved	300	56100 ^[A]	37700 ^[A]	58100 ^[A]	90500 ^[A]	75700 ^[A]	64200 ^[A]	47900 ^[A]	27300 ^[A]	102000 ^[A]	92200 ^[A]	80400 ^[A]	52600 ^[A]	104000 ^[A]	-	-	-	-	-
Lead	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	50	9460 ^[A]	9580 ^[A]	9860 ^[A]	4170 ^[A]	3980 ^[A]	3940 ^[A]	3470 ^[A]	2920 ^[A]	6480 ^[A]	6380 ^[A]	6070 ^[A]	5200 ^[A]	6160 ^[A]	-	-	-	-	-
Manganese, Dissolved	50	8390 ^[A]	7740 ^[A]	8400 ^[A]	4100 ^[A]	4050 ^[A]	3880 ^[A]	3510 ^[A]	2960 ^[A]	6450 ^[A]	6190 ^[A]	5960 ^[A]	5120 ^[A]	6710 ^[A]	-	-	-	-	-
Mercury	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	100	-	-	-	3.6 J	3.6 J	3.3 J	4.8	6.9	ND (8)	ND (8)	ND (8)	3.6 J	73.8	4.7	4.6	3.7 J	14.1	7.7
Selenium	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	50000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other (ug/L)																			
Alkalinity, Bicarbonate (as CaCO3)	-	-	-	-	193000	163000	164000	147000	117000	-	-	-	-	-	-	-	-	-	-
Alkalinity, Carbonate	-	-	-	-	ND (5000)	ND (5000)	ND (5000)	ND (5000)	ND (5000)	-	-	-	-	-	-	-	-	-	-
Alkalinity, Hydroxide	-	-	-	-	ND (5000)	ND (5000)	ND (5000)	ND (5000)	ND (5000)	-	-	-	-	-	-	-	-	-	-
Alkalinity, Total (as CaCO3)	-	-	-	-	193000	163000	164000	147000	117000	-	-	-	-	-	-	-	-	-	-
Carbon Dioxide, Free	-	-	-	-	266000 HF	341000 HF	321000 HF	283000 HF	199000 HF	-	-	-	-	-	-	-	-	-	-
Carbon dioxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloride	250000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dissolved Organic Carbon (DOC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethane	-	-	-	-	ND (83)	ND (83)	ND (83)	ND (83)	ND (83)	ND (83)	ND (170)	ND (170)	ND (83)	ND (170)	-	-	-	-	-
Ethene	-	-	-	-	80	100	70 J	51 J	91	3700	3600	3500	2400	4000	-	-	-	-	-
Methane	-	-	-	-	350	470	360	300	410	10000 D	11000 D	12000 D	6700 D	13000 D	-	-	-	-	-
Nitrate (as N)	10000	43 J	70 J	48 J	73 J	65 J	31 J	70 J	130	100	78 J	48 J	230	84 J	-	-	-	-	-
Nitrite/Nitrate	10000	ND (100)	160	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	170	26 J	52 J	72 J	360	46 J	-	-	-	-	-
Sulfate	250000	ND (5000)	9500	124000	ND (5000)	ND (5000)	ND (5000)	3700 J	16600	ND (5000)	ND (5000)	ND (5000)	12500	ND (5000)	-	-	-	-	-
Total Dissolved Solids (TDS)	500000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon (TOC)	-	113000	76500	117000	117000	112000	108000	91900	60800	156000	147000	132000	87400	151000	-	-	-	1500	739000
PCBs (ug/L)																			
Aroclor-1016 (PCB-1016)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (ug/L)																			
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.51 ^[A]	1.2 ^[A]
2,2'-oxybis(1-Chloropropane)	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Haley & Aldrich, Inc.																			
\\haleyaldrich.com\share\cle_common\Projects\70613\860 - 2021 ERD Injections\Permit-By-Rule\2. Tables\2021-0429-HAI-GW_Data.xlsx																			

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	RW-208	RW-208	RW-208	RW-208	RW-208	RW-208	RW-208	RW-208	RW-208	RW-208	RW-208	RW-208	RW-208	RW-208A	RW-208B	RW-208C	Sample Port	Sample Port
Sample Date	Quality	06/05/2020	06/05/2020	06/05/2020	08/26/2020	08/26/2020	08/26/2020	08/26/2020	08/26/2020	03/17/2021	03/17/2021	03/17/2021	03/17/2021	03/17/2021	09/03/2019	09/03/2019	09/03/2019	10/03/2019	10/08/2019
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		96 (ft)	108 (ft)	120 (ft)	69 (ft)	86 (ft)	96 (ft)	108 (ft)	120 (ft)	69 (ft)	86 (ft)	96 (ft)	108 (ft)	120 (ft)	-	-	-	-	-
2,4-Dimethylphenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetophenone	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atrazine	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	5000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	6000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																			
1,1,1-Trichloroethane	30	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
1,1,2,2-Tetrachloroethane	1	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
1,1,2-Trichloroethane	3	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
1,1-Dichloroethane	50	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
1,1-Dichloroethene	1	ND (50)	ND (25)	ND (50)	39 J ^[A]	ND (100)	ND (100)	22 J ^[A]	16 J ^[A]	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	RW-208	RW-208	RW-208	RW-208	RW-208	RW-208	RW-208	RW-208	RW-208	RW-208	RW-208	RW-208	RW-208	RW-208A	RW-208B	RW-208C	Sample Port	Sample Port
Sample Date	Quality	06/05/2020	06/05/2020	06/05/2020	08/26/2020	08/26/2020	08/26/2020	08/26/2020	08/26/2020	03/17/2021	03/17/2021	03/17/2021	03/17/2021	03/17/2021	09/03/2019	09/03/2019	09/03/2019	10/03/2019	10/08/2019
Sample Type	Standards	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		96 (ft)	108 (ft)	120 (ft)	69 (ft)	86 (ft)	96 (ft)	108 (ft)	120 (ft)	69 (ft)	86 (ft)	96 (ft)	108 (ft)	120 (ft)	-	-	-	-	-
1,2,4-Trichlorobenzene	9	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
1,2-Dibromo-3-chloropropane (DBCP)	0.02	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
1,2-Dibromoethane (Ethylene Dibromide)	0.03	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
1,2-Dichlorobenzene	600	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
1,2-Dichloroethane	2	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
1,2-Dichloropropane	1	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
1,3-Dichlorobenzene	600	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
1,4-Dichlorobenzene	75	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
2-Butanone (Methyl Ethyl Ketone)	300	ND (250)	ND (130)	ND (250)	ND (500)	ND (500)	ND (500)	ND (250)	ND (250)	ND (250)	ND (250)	ND (250)	ND (250)	ND (250)	ND (1300)	ND (1300)	ND (1000)	ND (500)	ND (500)
2-Hexanone	300	ND (250)	ND (130)	ND (250)	ND (500)	ND (500)	ND (500)	ND (250)	ND (250)	ND (250)	ND (250)	ND (250)	ND (250)	ND (250)	ND (1300)	ND (1300)	ND (1000)	ND (500)	ND (500)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	100	ND (250)	ND (130)	ND (250)	ND (500)	ND (500)	ND (500)	ND (250)	ND (250)	ND (250)	ND (250)	ND (250)	ND (250)	ND (250)	ND (1300)	ND (1300)	ND (1000)	ND (500)	ND (500)
Acetone	6000	ND (250)	ND (130)	ND (250)	ND (500)	ND (500)	ND (500)	ND (250)	ND (250)	310	ND (250)	ND (250)	ND (250)	ND (250)	ND (1300)	ND (1300)	ND (1000)	ND (500)	ND (500)
Benzene	1	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
Bromodichloromethane	1	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
Bromoform	4	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
Bromomethane (Methyl Bromide)	10	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
Carbon disulfide	700	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
Carbon tetrachloride	1	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
Chlorobenzene	50	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
Chloroethane	5	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
Chloroform (Trichloromethane)	70	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
Chloromethane (Methyl Chloride)	100	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
cis-1,2-Dichloroethene	70	ND (50)	210 [A]	ND (50)	39000 [A]	37000 [A]	30000 [A]	22000 [A]	15000 [A]	160 [A]	47 J	54	ND (50)	130 [A]	180 J [A]	170 J [A]	150 J [A]	99 J [A]	39 J
cis-1,3-Dichloropropene	1	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
Cyclohexane	100	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
Dibromochloromethane	1	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
Dichlorodifluoromethane (CFC-12)	1000	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
Ethylbenzene	700	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
Isopropylbenzene (Cumene)	700	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
Methyl acetate	7000	ND (250)	ND (130)	ND (250)	ND (500)	ND (500)	ND (500)	ND (250)	ND (250)	ND (250) **	ND (250) **	ND (250) **	ND (250) **	ND (250) **	ND (1300)	ND (1300)	ND (1000)	ND (500)	ND (500)
Methyl cyclohexane	100	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
Methyl Tert Butyl Ether	70	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
Methylene chloride	3	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
Styrene	100	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
Tetrachloroethene	1	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
Toluene	600	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
trans-1,2-Dichloroethene	100	25 J	18 J	26 J	220 [A]	200 [A]	180 [A]	120 [A]	93	81	79	69	79	42 J	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
trans-1,3-Dichloropropene	1	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
Trichloroethene	1	ND (50)	550 [A]	ND (50)	6300 [A]	1600 [A]	1300 [A]	660 [A]	680 [A]	71 [A]	28 J [A]	40 J [A]	ND (50)	280 [A]	87000 [A]	91000 [A]	81000 [A]	40000 [A]	24000 [A]
Trichlorofluoromethane (CFC-11)	2000	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
Trifluorotrichloroethane (Freon 113)	20000	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (50)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
Vinyl chloride	1	13000 [A]	7800 [A]	15000 [A]	800 [A]	830 [A]	640 [A]	480 [A]	610 [A]	20000 [A]	19000 [A]	16000 [A]	19000 [A]	10000 [A]	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
Xylene (total)	1000	ND (50)	ND (25)	ND (50)	ND (100)	ND (100)	ND (100)	ND (50)	ND (50)	ND (100)	ND (100)	ND (100)	ND (100)	ND (100)	ND (250)	ND (250)	ND (200)	ND (100)	ND (100)
Volatile Organic Compounds SIM (ug/L)																			
1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Volatile Organic Compounds SIM (ug/L)

1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

1. ND: Result is not detected above the indicated reporting limit.
J: Estimated value
B: Analyte found in blank and sample
H: Analyzed outside of hold time
D: Sample was diluted.
+: Biased high
2. Results in **red** exceed the following criteria:
- Groundwater Quality Standards (GWQS)
3. Results in **bold** are detected.
4. Sample Types: N - Normal Sample
FD - Field Duplicate

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	Sample Port	Sample Port	Sample Port	Sample Port	Sample Port	Sample Port	Sample Port	Sample Port	Sample Port
Sample Date	Quality	10/30/2019	11/05/2019	11/13/2019	11/18/2019	12/19/2019	01/20/2020	02/20/2020	04/07/2020	10/20/2020
Sample Type	Standards	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-
Field Parameters										
Temperature (Deg C)	-	16.88	16.84	15.24	9.28	14.9	12.56	11.22	15.7	18.45
Conductivity, Field (mS/cm)	-	0.448	0.312	0.334	0.526	0.529	0.532	0.603	0.604	0.594
ORP, Field (mv)	-	75.8	179	153	10.7	-101.5	-16.9	-121.8	-109.1	-79.8
Turbidity, Field (NTU)	-	10.2	44.2	316	999	127	999	41.9	38.2	58.9
pH, Field (pH units)	-	6.27	6.84	7.07	6.59	6.26	6.57	6.56	6.39	6.24
Dissolved Oxygen, Field (ug/L)	-	2510	2060	1010	3510	190	170	1060	300	2510
Inorganic Compounds (ug/L)										
Antimony	6	-	-	-	-	-	-	-	-	-
Arsenic	3	-	-	-	-	-	-	-	-	-
Barium	6000	-	-	-	-	-	-	-	-	-
Beryllium	1	-	-	-	-	-	-	-	-	-
Cadmium	4	-	-	-	-	-	-	-	-	-
Chromium	70	138 ^[A]	-	-	53	-	-	-	4.5	14.6
Chromium VI (Hexavalent)	-	101	-	-	2830	ND (20)	-	-	-	-
Cobalt	100	-	-	-	-	-	-	-	-	-
Copper	1300	-	-	-	-	-	-	-	-	-
Cyanide	100	-	-	-	-	-	-	-	-	-
Iron	300	-	-	-	-	50800 ^[A]	24000 ^[A]	59600 ^[A]	59300 ^[A]	89500 ^[A]
Iron, Dissolved	300	-	-	-	-	1790 ^[A]	25600 ^[A]	53100 ^[A]	115000 ^[A]	82100 B ^[A]
Lead	5	-	-	-	-	-	-	-	-	-
Manganese	50	-	-	-	-	5560 ^[A]	6670 ^[A]	7340 ^[A]	8380 ^[A]	4900 ^[A]
Manganese, Dissolved	50	-	-	-	-	4730 ^[A]	7860 ^[A]	6980 ^[A]	16900 ^[A]	4770 ^[A]
Mercury	2	-	-	-	-	-	-	-	-	-
Nickel	100	11.7	-	-	14.5	-	-	-	5.9	6.2
Selenium	40	-	-	-	-	-	-	-	-	-
Silver	40	-	-	-	-	-	-	-	-	-
Sodium	50000	-	-	-	-	-	-	-	-	-
Zinc	2000	-	-	-	-	-	-	-	-	-
Other (ug/L)										
Alkalinity, Bicarbonate (as CaCO3)	-	-	-	-	-	-	-	-	-	-
Alkalinity, Carbonate	-	-	-	-	-	-	-	-	-	-
Alkalinity, Hydroxide	-	-	-	-	-	-	-	-	-	-
Alkalinity, Total (as CaCO3)	-	-	-	-	-	-	-	-	-	-
Carbon Dioxide, Free	-	-	-	-	-	-	-	-	-	-
Carbon dioxide	-	-	-	-	-	98900 HF	-	-	-	-
Chloride	250000	-	-	-	-	-	-	-	-	-
Dissolved Organic Carbon (DOC)	-	-	-	-	-	-	12800000	84600	-	-
Ethane	-	-	-	-	-	1.9 J	ND (830)	5.6 J	ND (330)	ND (83)
Ethene	-	-	-	-	-	7.9	ND (770)	15	ND (310)	570
Methane	-	-	-	-	-	ND (4)	ND (440)	36	1600	4200
Nitrate (as N)	10000	-	-	-	-	27 JHB	680 B	ND (100)	39 J	96 J
Nitrite/Nitrate	10000	-	-	-	-	52 JHB	760 B	75 JB	90 J	ND (100)
Sulfate	250000	-	-	-	-	ND (600)	ND (600)	ND (5000)	ND (5000)	ND (5000)
Total Dissolved Solids (TDS)	500000	-	-	-	-	-	-	-	-	-
Total Organic Carbon (TOC)	-	6800 B	15400	59500 B	1130000	-	12000000	82100	97400	110000
PCBs (ug/L)										
Aroclor-1016 (PCB-1016)	0.5	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	0.5	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	0.5	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	0.5	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	0.5	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	0.5	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	0.5	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	0.5	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	0.5	-	-	-	-	-	-	-	-	-
Polychlorinated biphenyls (PCBs)	0.5	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (ug/L)										
1,4-Dioxane	0.4	0.88 ^[A]	-	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	300	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	700	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	20	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	20	-	-	-	-	-	-	-	-	-

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	Sample Port	Sample Port	Sample Port	Sample Port	Sample Port	Sample Port	Sample Port	Sample Port	Sample Port
Sample Date	Quality	10/30/2019	11/05/2019	11/13/2019	11/18/2019	12/19/2019	01/20/2020	02/20/2020	04/07/2020	10/20/2020
Sample Type	Standards	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	100	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	40	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	10	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	10	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	600	-	-	-	-	-	-	-	-	-
2-Chlorophenol	40	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	30	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	50	-	-	-	-	-	-	-	-	-
2-Nitroaniline	100	-	-	-	-	-	-	-	-	-
2-Nitrophenol	100	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	30	-	-	-	-	-	-	-	-	-
3-Nitroaniline	100	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	1	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	100	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	100	-	-	-	-	-	-	-	-	-
4-Chloroaniline	30	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	100	-	-	-	-	-	-	-	-	-
4-Methylphenol	50	-	-	-	-	-	-	-	-	-
4-Nitroaniline	100	-	-	-	-	-	-	-	-	-
4-Nitrophenol	100	-	-	-	-	-	-	-	-	-
Acenaphthene	400	-	-	-	-	-	-	-	-	-
Acenaphthylene	100	-	-	-	-	-	-	-	-	-
Acetophenone	700	-	-	-	-	-	-	-	-	-
Anthracene	2000	-	-	-	-	-	-	-	-	-
Atrazine	3	-	-	-	-	-	-	-	-	-
Benzaldehyde	100	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	0.1	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	0.1	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	0.2	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	100	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	0.5	-	-	-	-	-	-	-	-	-
Biphenyl	400	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	100	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	7	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	3	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	100	-	-	-	-	-	-	-	-	-
Caprolactam	5000	-	-	-	-	-	-	-	-	-
Carbazole	100	-	-	-	-	-	-	-	-	-
Chrysene	5	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.3	-	-	-	-	-	-	-	-	-
Dibenzofuran	100	-	-	-	-	-	-	-	-	-
Diethyl phthalate	6000	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	100	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	700	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	100	-	-	-	-	-	-	-	-	-
Fluoranthene	300	-	-	-	-	-	-	-	-	-
Fluorene	300	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	0.02	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	1	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	40	-	-	-	-	-	-	-	-	-
Hexachloroethane	7	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	0.2	-	-	-	-	-	-	-	-	-
Isophorone	40	-	-	-	-	-	-	-	-	-
Naphthalene	300	-	-	-	-	-	-	-	-	-
Nitrobenzene	6	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	10	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	10	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.3	-	-	-	-	-	-	-	-	-
Phenanthrene	100	-	-	-	-	-	-	-	-	-
Phenol	2000	-	-	-	-	-	-	-	-	-
Pyrene	200	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)										
1,1,1-Trichloroethane	30	ND (100)	ND (100)	ND (50)	ND (100)	ND (50)	ND (100)	ND (100)	ND (100)	ND (100)
1,1,2,2-Tetrachloroethane	1	ND (100)	ND (100)	ND (50)	ND (100)	ND (50)	ND (100)	ND (100)	ND (100)	ND (100)
1,1,2-Trichloroethane	3	ND (100)	ND (100)	ND (50)	ND (100)	ND (50)	ND (100)	ND (100)	ND (100)	ND (100)
1,1-Dichloroethane	50	ND (100)	ND (100)	ND (50)	ND (100)	ND (50)	ND (100)	ND (100)	ND (100)	ND (100)
1,1-Dichloroethene	1	ND (100)	ND (100)	ND (50)	ND (100)	17 J ^[A]	ND (100)	130 ^[A]	180 ^[A]	48 J ^[A]

TABLE I
SUMMARY OF ANALYTICAL RESULTS SINCE 2018
RACER EWING INDUSTRIAL LAND
EWING, NJ

Location	Groundwater	Sample Port	Sample Port	Sample Port	Sample Port	Sample Port	Sample Port	Sample Port	Sample Port	Sample Port
Sample Date	Quality	10/30/2019	11/05/2019	11/13/2019	11/18/2019	12/19/2019	01/20/2020	02/20/2020	04/07/2020	10/20/2020
Sample Type	Standards	N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	9	ND (100)	ND (100)	ND (50)	ND (100)	-	ND (100)	ND (100)	ND (100)	ND (100)
1,2-Dibromo-3-chloropropane (DBCP)	0.02	ND (100)	ND (100)	ND (50)	ND (100)	-	ND (100)	ND (100)	ND (100)	ND (100)
1,2-Dibromoethane (Ethylene Dibromide)	0.03	ND (100)	ND (100)	ND (50)	ND (100)	-	ND (100)	ND (100)	ND (100)	ND (100)
1,2-Dichlorobenzene	600	ND (100)	ND (100)	ND (50)	ND (100)	-	ND (100)	ND (100)	ND (100)	ND (100)
1,2-Dichloroethane	2	ND (100)	ND (100)	ND (50)	ND (100)	ND (50)	ND (100)	ND (100)	ND (100)	ND (100)
1,2-Dichloropropane	1	ND (100)	ND (100)	ND (50)	ND (100)	ND (50)	ND (100)	ND (100)	ND (100)	ND (100)
1,3-Dichlorobenzene	600	ND (100)	ND (100)	ND (50)	ND (100)	-	ND (100)	ND (100)	ND (100)	ND (100)
1,4-Dichlorobenzene	75	ND (100)	ND (100)	ND (50)	ND (100)	-	ND (100)	ND (100)	ND (100)	ND (100)
2-Butanone (Methyl Ethyl Ketone)	300	ND (500)	ND (500)	ND (250)	ND (500)	-	ND (500)	ND (500)	ND (500)	ND (500)
2-Hexanone	300	ND (500)	ND (500)	ND (250)	ND (500)	-	ND (500)	ND (500)	ND (500)	ND (500)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	100	ND (500)	ND (500)	ND (250)	ND (500)	-	ND (500)	ND (500)	ND (500)	ND (500)
Acetone	6000	ND (500)	ND (500)	ND (250)	ND (500)	-	ND (500)	ND (500)	ND (500)	ND (500)
Benzene	1	ND (100)	ND (100)	ND (50)	ND (100)	-	ND (100)	ND (100)	ND (100)	ND (100)
Bromodichloromethane	1	ND (100)	ND (100)	ND (50)	ND (100)	ND (50)	ND (100)	ND (100)	ND (100)	ND (100)
Bromoform	4	ND (100)	ND (100)	ND (50)	ND (100)	-	ND (100)	ND (100)	ND (100)	ND (100)
Bromomethane (Methyl Bromide)	10	ND (100) *	ND (100)	ND (50)	ND (100)	-	ND (100)	ND (100)	ND (100)	ND (100)
Carbon disulfide	700	ND (100)	ND (100)	ND (50)	ND (100)	-	ND (100)	ND (100)	ND (100)	ND (100)
Carbon tetrachloride	1	ND (100)	ND (100)	ND (50)	ND (100)	ND (50)	ND (100)	ND (100)	ND (100)	ND (100)
Chlorobenzene	50	ND (100)	ND (100)	ND (50)	ND (100)	ND (50)	ND (100)	ND (100)	ND (100)	ND (100)
Chloroethane	5	ND (100) *	ND (100)	ND (50)	ND (100)	ND (50)	ND (100)	ND (100)	ND (100)	ND (100)
Chloroform (Trichloromethane)	70	ND (100)	ND (100)	ND (50)	ND (100)	ND (50)	ND (100)	ND (100)	ND (100)	ND (100)
Chloromethane (Methyl Chloride)	100	ND (100)	ND (100)	ND (50)	ND (100)	ND (50)	ND (100)	ND (100)	ND (100)	ND (100)
cis-1,2-Dichloroethene	70	71 J ^[A]	43 J	31 J	34 J	1900 ^[A]	120 ^[A]	35000 ^[A]	43000 ^[A]	23000 ^[A]
cis-1,3-Dichloropropene	1	ND (100)	ND (100)	ND (50)	ND (100)	ND (50)	ND (100)	ND (100)	ND (100)	ND (100)
Cyclohexane	100	ND (100)	ND (100)	ND (50)	ND (100)	-	74 J	ND (100)	ND (100)	ND (100)
Dibromochloromethane	1	ND (100)	ND (100)	ND (50)	ND (100)	ND (50)	ND (100)	ND (100)	ND (100)	ND (100)
Dichlorodifluoromethane (CFC-12)	1000	ND (100)	ND (100)	ND (50)	ND (100)	-	ND (100)	ND (100)	ND (100)	ND (100)
Ethylbenzene	700	ND (100)	ND (100)	ND (50)	ND (100)	-	ND (100)	ND (100)	ND (100)	ND (100)
Isopropylbenzene (Cumene)	700	ND (100)	ND (100)	ND (50)	ND (100)	-	ND (100)	ND (100)	ND (100)	ND (100)
Methyl acetate	7000	ND (500)	ND (500)	ND (250)	110 J*	-	870	ND (500)	ND (500)	ND (500)
Methyl cyclohexane	100	ND (100)	ND (100)	ND (50)	ND (100)	-	ND (100)	ND (100)	ND (100)	ND (100)
Methyl Tert Butyl Ether	70	ND (100)	ND (100)	ND (50)	ND (100)	-	ND (100)	ND (100)	ND (100)	ND (100)
Methylene chloride	3	ND (100)	ND (100)	ND (50)	ND (100)	ND (50)	ND (100)	ND (100)	ND (100)	ND (100)
Styrene	100	ND (100)	ND (100)	ND (50)	ND (100)	-	ND (100)	ND (100)	ND (100)	ND (100)
Tetrachloroethene	1	ND (100)	ND (100)	ND (50)	ND (100)	ND (50)	ND (100)	ND (100)	ND (100)	ND (100)
Toluene	600	ND (100)	ND (100)	ND (50)	ND (100)	-	46 J	ND (100)	ND (100)	ND (100)
trans-1,2-Dichloroethene	100	ND (100)	ND (100)	ND (50)	ND (100)	ND (50)	ND (100)	55 J	43 J	120 ^[A]
trans-1,3-Dichloropropene	1	ND (100)	ND (100)	ND (50)	ND (100)	ND (50)	ND (100)	ND (100)	ND (100)	ND (100)
Trichloroethene	1	21000 ^[A]	26000 ^[A]	16000 ^[A]	27000 ^[A]	21000 ^[A]	31000 ^[A]	38 J ^[A]	ND (100)	3200 ^[A]
Trichlorofluoromethane (CFC-11)	2000	ND (100)	ND (100)	ND (50)	ND (100)	-	ND (100)	ND (100)	ND (100)	ND (100)
Trifluorotrichloroethane (Freon 113)	20000	ND (100)	ND (100)	ND (50)	ND (100)	-	ND (100)	ND (100)	ND (100)	ND (100)
Vinyl chloride	1	ND (100)	ND (100)	ND (50)	ND (100)	ND (50)	ND (100)	58 J ^[A]	1100 ^[A]	1800 ^[A]
Xylene (total)	1000	ND (100)	ND (100)	ND (50)	ND (100)	-	40 J	ND (100)	ND (100)	ND (200)

Volatile Organic Compounds SIM (ug/L)

1,2-Dibromo-3-chloropropane (DBCP)	0.02	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	0.03	-	-	-	-	-	-	-	-	-
1,4-Dioxane	0.4	-	-	-	-	-	-	-	-	-

- Notes:
1. ND: Result is not detected above the indicated reporting limit.
J: Estimated value
B: Analyte found in blank and sample
H: Analyzed outside of hold time
D: Sample was diluted.
+: Biased high
 2. Results in **red** exceed the following criteria:
- Groundwater Quality Standards (GWQS)
 3. Results in **bold** are detected.
 4. Sample Types: N - Normal Sample
FD - Field Duplicate

Table II – Monitoring Plan

TABLE II
GROUNDWATER SAMPLING PLAN
EWING TOWNSHIP INDUSTRIAL LAND
EWING, NEW JERSEY

Location	Unit	Top of Hole/ Screen (ft bgs)	Bottom of Hole/Screen (ft bgs)	Sampling Depth (ft bloc)	2021 Groundwater Sampling Events				2022 Groundwater Sampling Events				2023 Groundwater Sampling Events				
					Quarter 1 Focused	Quarter 2 Site Wide	Quarter 3 Focused	Quarter 4 Site Wide	Quarter 1 Site Wide	Quarter 2 Site Wide	Quarter 3 Site Wide	Quarter 4 Site Wide	Quarter 1 Site Wide	Quarter 2	Quarter 3	Quarter 4 Site Wide	
System Sample Port (If Operating)					Located on Skid	F, T, V, M, G, N	F, T, V, M, D	F, T, V, M, G, N	F, T, V, M, D	F, T, V, M, D	F, T, V, M, D	F, T, V, M, D	F, T, V, M, D			F, T, V, M, D	
MW-1	erburden/Weathered Bedr	4	9	6.5			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-1A	Bedrock	33	40	36.5			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-2	erburden/Weathered Bedr	6	12	9.5			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-2A	Bedrock	27	41	34			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-3	erburden/Weathered Bedr	4	11	10			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-3A	Bedrock	30	45	37.5			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-4	erburden/Weathered Bedr	5	12	11.5			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-4A	Bedrock	30	45	37.5			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-5R	erburden/Weathered Bedr	12	17	14.5			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-5A	Bedrock	30	45	37.5			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-6	erburden/Weathered Bedr	5	12	11.5			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-6A	Bedrock	27	44	35.5			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-7	erburden/Weathered Bedr	5.5	15.5	13.5			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-7AR	Bedrock	40	45	42.5			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-9A	Bedrock	33	40	--													
MW-11	erburden/Weathered Bedr	6.5	17.5	12			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-11A	Bedrock	58	82	70			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-13	Bedrock	21	40	--													
MW-14A	Bedrock	13	50	--													
MW-15	erburden/Weathered Bedr	2	12	7			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-15A	Bedrock	18	28	23			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-16A	erburden/Weathered Bedr	20	42	--													
MW-16B	Bedrock	61	71	66			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-16C	Bedrock	115	125	120			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-17A	erburden/Weathered Bedr	10	35	22.5		F, T, V, M, G, N	F, T, V, M, G, N, D	F, T, V, M, G, N	F, T, V, M, G, N, D	F, T, V, M, G, N, D	F, T, V, M, G, N, D	F, T, V, M, G, N, D	F, T, V, M, G, N, D			F, T, V, M, G, N, D	
MW-17B	Bedrock	91	101	96		F, T, V, M, G, N	F, T, V, M, G, N, D	F, T, V, M, G, N	F, T, V, M, G, N, D	F, T, V, M, G, N, D	F, T, V, M, G, N, D	F, T, V, M, G, N, D	F, T, V, M, G, N, D			F, T, V, M, G, N, D	
MW-18	erburden/Weathered Bedr	9	24	16.5		F, T, V, M, G, N	F, T, V, M, G, N, D	F, T, V, M, G, N	F, T, V, M, G, N, D	F, T, V, M, G, N, D	F, T, V, M, G, N, D	F, T, V, M, G, N, D	F, T, V, M, G, N, D			F, T, V, M, G, N, D	
MW-18A	Bedrock	47	52	49.5		F, T, V, M, G, N	F, T, V, M, G, N, D	F, T, V, M, G, N	F, T, V, M, G, N, D	F, T, V, M, G, N, D	F, T, V, M, G, N, D	F, T, V, M, G, N, D	F, T, V, M, G, N, D			F, T, V, M, G, N, D	
MW-19	erburden/Weathered Bedr	11	26	--													
MW-20	erburden/Weathered Bedr	9	24	--													
MW-20A	Bedrock	276	286	281		F, T, V, M, G, N	F, T, V, M, G, N, D	F, T, V, M, G, N	F, T, V, M, G, N, D	F, T, V, M, G, N, D	F, T, V, M, G, N, D	F, T, V, M, G, N, D	F, T, V, M, G, N, D			F, T, V, M, G, N, D	
MW-21	erburden/Weathered Bedr	4	14	9			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-21A	Bedrock	55	65	60			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-22	erburden/Weathered Bedr	8	18	--													
MW-22A	Bedrock	27	55	40			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-25	erburden/Weathered Bedr	3	12.5	8			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-27AR	Bedrock	37	61	--													
MW-31	erburden/Weathered Bedr	7	17	16.5			V, D		V, D	V, D	V, D	V, D	V, D			V, D	
MW-34R	erburden/Weathered Bedr	3	13	8			V, D		V, D	V, D	V, D	V, D	V, D			V, D	
MW-35	erburden/Weathered Bedr	1.62	9.52	7.5			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-35AR	Bedrock	40	45	42.5			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-37	erburden/Weathered Bedr	4	11.7	--													
MW-37A	Bedrock	39.5	44.5	--													
MW-37B	Bedrock	64	71.5	65.5			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-38	Bedrock	30	35	--													
MW-38A	Bedrock	48	53	--													
MW-39	erburden/Weathered Bedr	8.5	18.5	--													
MW-39A	Bedrock	67.5	72.5	--													
MW-41	erburden/Weathered Bedr	3	13	--													
MW-42	erburden/Weathered Bedr	10	20	--		F, T, V, M, G, N	F, T, V, M, G, N, D	F, T, V, M, G, N	F, T, V, M, G, N, D	F, T, V, M, G, N, D	F, T, V, M, G, N, D	F, T, V, M, G, N, D	F, T, V, M, G, N, D			F, T, V, M, G, N, D	
MW-43	Overburden/ Weathered Bedrock	4	14	13.5			F, T, V, M, G, D		F, T, V, M, G, D	F, T, V, M, G, D	F, T, V, M, G, D	F, T, V, M, G, D	F, T, V, M, G, D			F, T, V, M, G, D	
MW-44	Overburden/ Weathered Bedrock	12	22	21.5			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-47	erburden/Weathered Bedr	3	13	11.25			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-51	erburden/Weathered Bedr	6.5	16.5	18.22			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-52R	erburden/Weathered Bedr	16	21	18.5			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-62	erburden/Weathered Bedr	4.5	15	10			V, M, D		V, M, D	V, M, D	V, M, D	V, M, D	V, M, D			V, M, D	
MW-63	erburden/Weathered Bedr	4.5	15	--													
MW-64	erburden/Weathered Bedr	4.5	14	--													
MW-65	erburden/Weathered Bedr	5.5	12.5	--													
MW-69	erburden/Weathered Bedr	18	28	23			V, D		V, D	V, D	V, D	V, D	V, D			V, D	
MW-70	erburden/Weathered Bedr	18	30	24		F, T, V, M, G, N	F, T, V, M, G, N, D	F, T, V, M, G, N	F, T, V, M, G, N, D	F, T, V, M, G, N, D	F, T, V, M, G, N, D	F, T, V, M, G, N, D	F, T, V, M, G, N, D			F, T, V, M, G, N, D	
MW-71	Bedrock	23	35	--													
MW-73R	Bedrock	23	35	29			F, T, V, M, D		F, T, V, M, D	F, T, V, M, D	F, T, V, M, D	F, T, V, M, D	F, T, V, M, D			F, T, V, M, D	
MW-74	Bedrock	108	110	--													
MW-75	Bedrock	86	96	91			V, M, D</										

TABLE II
GROUNDWATER SAMPLING PLAN
EWING TOWNSHIP INDUSTRIAL LAND
EWING, NEW JERSEY

					2024 Groundwater Sampling Events				2025 Groundwater Sampling Events			
Location	Unit	Top of Hole/ Screen (ft bgs)	Bottom of Hole/Screen (ft bgs)	Sampling Depth (ft bloc)	Quarter 1 Site Wide	Quarter 2	Quarter 3	Quarter 4 Site Wide	Quarter 1 Site Wide	Quarter 2	Quarter 3	Quarter 4 Site Wide
System Sample Port (If Operating)				Located on Skid		F, T, V, M, D					F, T, V, M, D	
MW-1	erburden/Weathered Bedr	4	9	6.5		V, M, D					V, M, D	
MW-1A	Bedrock	33	40	36.5		V, M, D					V, M, D	
MW-2	erburden/Weathered Bedr	6	12	9.5		V, M, D					V, M, D	
MW-2A	Bedrock	27	41	34		V, M, D					V, M, D	
MW-3	erburden/Weathered Bedr	4	11	10		V, M, D					V, M, D	
MW-3A	Bedrock	30	45	37.5		V, M, D					V, M, D	
MW-4	erburden/Weathered Bedr	5	12	11.5		V, M, D					V, M, D	
MW-4A	Bedrock	30	45	37.5		V, M, D					V, M, D	
MW-5R	erburden/Weathered Bedr	12	17	14.5		V, M, D					V, M, D	
MW-5A	Bedrock	30	45	37.5		V, M, D					V, M, D	
MW-6	erburden/Weathered Bedr	5	12	11.5		V, M, D					V, M, D	
MW-6A	Bedrock	27	44	35.5		V, M, D					V, M, D	
MW-7	erburden/Weathered Bedr	5.5	15.5	13.5		V, M, D					V, M, D	
MW-7AR	Bedrock	40	45	42.5		V, M, D					V, M, D	
MW-9A	Bedrock	33	40	--								
MW-11	erburden/Weathered Bedr	6.5	17.5	12		V, M, D					V, M, D	
MW-11A	Bedrock	58	82	70		V, M, D					V, M, D	
MW-13	Bedrock	21	40	--		W					W	
MW-14A	Bedrock	13	50	--		W					W	
MW-15	erburden/Weathered Bedr	2	12	7		V, M, D					V, M, D	
MW-15A	Bedrock	18	28	23		V, M, D					V, M, D	
MW-16A	erburden/Weathered Bedr	20	42	--		W					W	
MW-16B	Bedrock	61	71	66		V, M, D					V, M, D	
MW-16C	Bedrock	115	125	120		V, M, D					V, M, D	
MW-17A	erburden/Weathered Bedr	10	35	22.5		F, T, V, M, G, N, D					F, T, V, M, G, N, D	
MW-17B	Bedrock	91	101	96		F, T, V, M, G, N, D					F, T, V, M, G, N, D	
MW-18	erburden/Weathered Bedr	9	24	16.5		F, T, V, M, G, N, D					F, T, V, M, G, N, D	
MW-18A	Bedrock	47	52	49.5		F, T, V, M, G, N, D					F, T, V, M, G, N, D	
MW-19	erburden/Weathered Bedr	11	26	--		W					W	
MW-20	erburden/Weathered Bedr	9	24	--		W					W	
MW-20A	Bedrock	276	286	281		F, T, V, M, G, N, D					F, T, V, M, G, N, D	
MW-21	erburden/Weathered Bedr	4	14	9		V, M, D					V, M, D	
MW-21A	Bedrock	55	65	60		V, M, D					V, M, D	
MW-22	erburden/Weathered Bedr	8	18	--								
MW-22A	Bedrock	27	56	40		V, M, D					V, M, D	
MW-25	erburden/Weathered Bedr	3	12.5	8		V, M, D					V, M, D	
MW-27AR	Bedrock	37	61	--		W					W	
MW-31	erburden/Weathered Bedr	7	17	16.5		V, D					V, D	
MW-34R	erburden/Weathered Bedr	3	13	8		V, D					V, D	
MW-35	erburden/Weathered Bedr	1.62	9.52	7.5		V, M, D					V, M, D	
MW-35AR	Bedrock	40	45	42.5		V, M, D					V, M, D	
MW-37	erburden/Weathered Bedr	4	11.7	--		W					W	
MW-37A	Bedrock	39.5	44.5	--		W					W	
MW-37B	Bedrock	64	71.5	65.5		V, M, D					V, M, D	
MW-38	Bedrock	30	35	--		W					W	
MW-38A	Bedrock	48	53	--		W					W	
MW-39	erburden/Weathered Bedr	8.5	18.5	--		W					W	
MW-39A	Bedrock	67.5	72.5	--		W					W	
MW-41	erburden/Weathered Bedr	3	13	--		W					W	
MW-42	erburden/Weathered Bedr	10	20	--		F, T, V, M, G, N, D					F, T, V, M, G, N, D	
MW-43	Overburden/ Weathered Bedrock	4	14	13.5		F, T, V, M, G, D					F, T, V, M, G, D	
MW-44	Overburden/ Weathered Bedrock	12	22	21.5		V, M, D					V, M, D	
MW-47	erburden/Weathered Bedr	3	13	11.25		V, M, D					V, M, D	
MW-51	erburden/Weathered Bedr	6.5	16.5	18.22		V, M, D					V, M, D	
MW-52R	erburden/Weathered Bedr	16	21	18.5		V, M, D					V, M, D	
MW-62	erburden/Weathered Bedr	4.5	15	10		V, M, D					V, M, D	
MW-63	erburden/Weathered Bedr	4.5	15	--		W					W	
MW-64	erburden/Weathered Bedr	4.5	14	--		W					W	
MW-65	erburden/Weathered Bedr	5.5	12.5	--		W					W	
MW-69	erburden/Weathered Bedr	18	28	23		V,D					V,D	
MW-70	erburden/Weathered Bedr	18	30	24		F, T, V, M, G, N, D					F, T, V, M, G, N, D	
MW-71	Bedrock	23	35	--								
MW-73R	Bedrock	23	35	29		F,T,V,M,D					F,T,V,M,D	
MW-74	Bedrock	108	110	--		W					W	
MW-75	Bedrock	86	96	91		V, M, D					V, M, D	
MW-76	erburden/Weathered Bedr	9.5	19.5	17.2		V, M,D					V, M,D	
MW-77	erburden/Weathered Bedr	8	18	16.75		V, M,D					V, M,D	
MW-77A	Bedrock	71	81	76		V, M, D					V, M, D	
MW-78	erburden/Weathered Bedr	8	20	--		W					W	
MW-79	erburden/Weathered Bedr	7	17	--		W					W	
MW-80	Overburden/ Weathered Bedrock	24	34	29		F, T, V, M, G, N, D					F, T, V, M, G, N, D	
MW-81	Overburden/ Weathered Bedrock	23.5	33.5	28.5		V, M, D					V, M, D	
MW-82	Overburden/ Weathered Bedrock	24	34	29		V, M, D					V, M, D	
MW-84R	Overburden/ Weathered Bedrock	24	34	29		F, T, V, M, G, N, D					F, T, V, M, G, N, D	
MW-84AR	Bedrock	73	83	78		F, T, V, M, G, N, D					F, T, V, M, G, N, D	
MW-85	Bedrock	111	121	116		F, T, V, M, G, N, D					F, T, V, M, G, N, D	
MW-86	Bedrock	112	122	117		F, T, V, M, G, N, D					F, T, V, M, G, N, D	
MW-87	Bedrock	91	101	96		F, T, V, M, G, N, D					F, T, V, M, G, N, D	
MW-88	Bedrock	76.5	86.5	83		F, T, V, M, G, N, D					F, T, V, M, G, N, D	
MW-89	erburden/Weathered Bedr	20	30	25		F, T, V, M, G, N, D					F, T, V, M, G, N, D	
MW-89A	Bedrock	91	101	96		F, T, V, M, G, N, D					F, T, V, M, G, N, D	
MW-90R	erburden/Weathered Bedr	20	30	--		W					W	
MW-90AR	Bedrock	80	90	--		W					W	
UST-1	Bedrock	25	60	--		W					W	
UST-3	Bedrock	25	61	43		V,D					V,D	
UST-4	Bedrock	28	40	--		W					W	
UST-7	Bedrock	100	115	107.5		V,D					V,D	
UST-9R	Bedrock	30	55	42.5		V,D					V,D	
UST-11	Bedrock	27	55	--		W					W	
RW-200a	Bedrock	45	55	--								
RW-200b	Bedrock	80	90	--								
RW-200c	Bedrock	110	120	115		F, T, V, M, G, N, D					F, T, V, M, G, N, D	
RW-201a	Bedrock	45	55	--								
RW-201b	Bedrock	70	80	--								
RW-201c	Bedrock	110	120	115		F, T, V, M, G, N, D					F, T, V, M, G, N, D	
RW-202a	Bedrock	45	55	--								
RW-202b	Bedrock	70	80	--								
RW-202c	Bedrock	90	100	95		F, T, V, M, G, N, D					F, T, V, M, G, N, D	
RW-203a	Bedrock	45	55	--								
RW-203b	Bedrock	70	80	--								
RW-203c	Bedrock	90	100	95		F, T, V, M, G, N, D					F, T, V, M, G, N, D	
RW-204a	Bedrock	45	55	--								
RW-204b	Bedrock	80	90	--								
RW-204c	Bedrock	110	120	115		F, T, V, M, G, N, D					F, T, V, M, G, N, D	
RW-205a	Bedrock	45	55	50		F, T, V, M, G, N, D					F, T, V, M, G, N, D	
RW-205b	Bedrock	70	80	75		F, T, V, M, G, N, D					F, T, V, M, G, N, D	
RW-205c</												

Table III – CEA Constituents

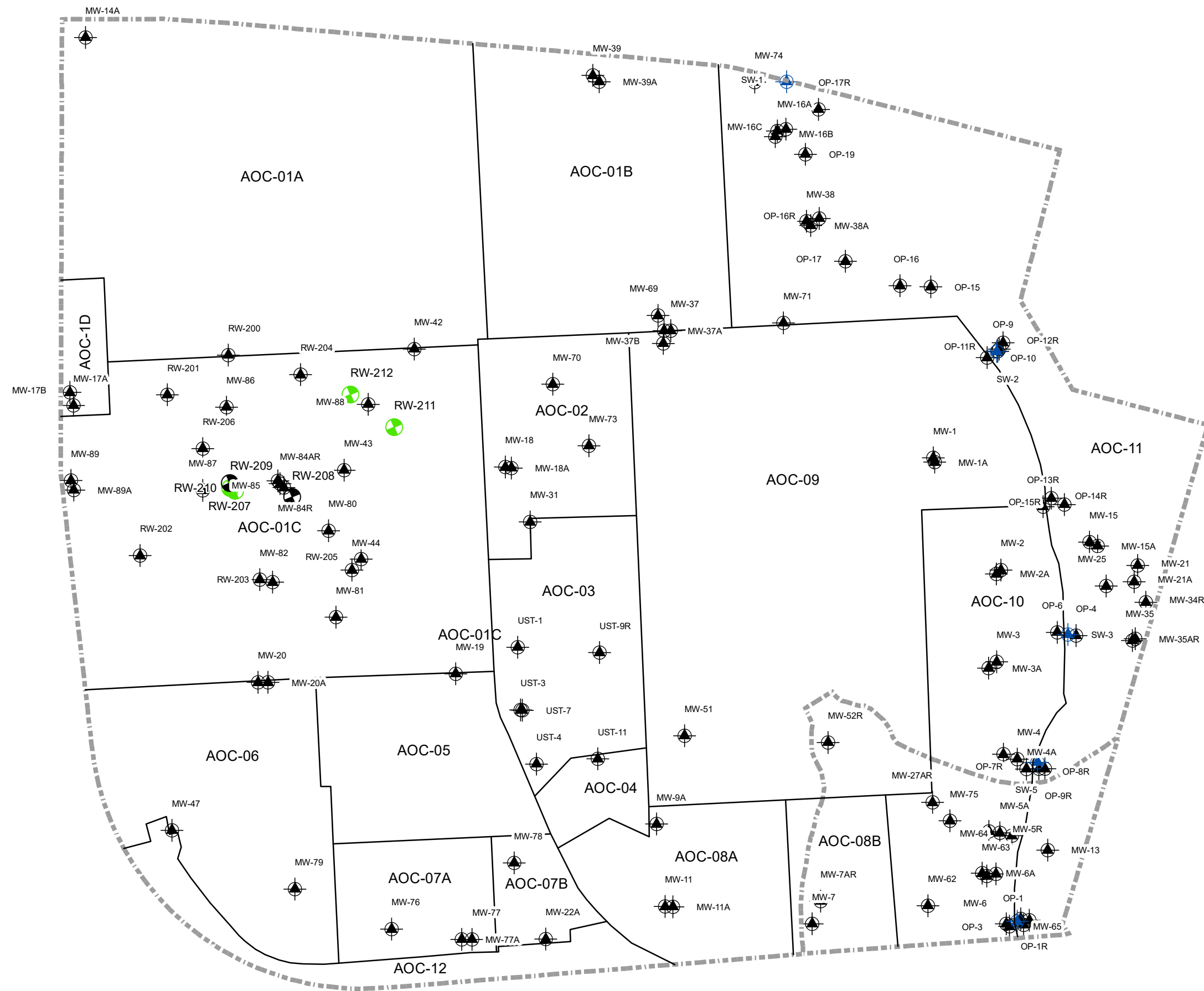
TABLE III
PERMIT-RELATED CEA CONSTITUENTS
EWING TOWNSHIP INDUSTRIAL LAND
EWING, NEW JERSEY

Compound Group	Chemical Name	Maximum Concentration (ug/L)	GWQS (ug/L)	Location of Maximum Concentration	Date of Maximum Concentration
Above GWQS					
Inorganic Compounds	Antimony	9.8	6	MW-87	12/18/2015
	Arsenic	4.5	3	MW-87	3/26/2014
	Beryllium	2.9	1	MW-84A	3/27/2014
	Chromium	12500	70	MW-44	8/14/2008
	Chromium VI (Hexavalent)	13730	70	MW-44	8/14/2008
	Iron	125000	300	RW-207	5/20/2020
	Lead	12.3	5	MW-84A	3/27/2014
	Manganese	209000	50	RW-207C	3/16/2021
	Nickel	4620	100	MW-44	8/14/2008
	Sodium	26400	50000	MW-84R	8/20/2019
Other	Nitrate (as N)	34000	10000	MW-85	8/25/2016
	Sulfate	431000	250000	RW-207C	4/8/2020
Semi-Volatile Organic Compounds	Benzo(a)anthracene	0.89	0.1	MW-84	6/26/2014
	Benzo(a)pyrene	0.34	0.1	MW-84A	9/18/2015
	Benzo(b)fluoranthene	0.7	0.2	MW-84A	9/18/2015
	Benzo(b)fluoranthene	0.59	0.2	MW-84A	6/15/2015
	bis(2-Ethylhexyl)phthalate	12	3	MW-84	9/18/2015
	Hexachlorobenzene	0.026	0.02	MW-44	12/9/2013
	Indeno(1,2,3-cd)pyrene	0.44	0.2	MW-84A	6/15/2015
Volatile Organic Compounds	1,1,2-Trichloroethane	42	3	MW-87	3/26/2014
	1,1-Dichloroethene	180	1	Sample Port	4/7/2020
	1,2-Dichloroethane	5.1	2	RW-207	5/20/2020
	1,4-Dioxane	210	0.4	MW-84	6/26/2014
	Benzene	2.4	1	RW-207	5/20/2020
	Bromomethane (Methyl Bromide)	15	10	RW-205	9/8/2017
	Carbon tetrachloride	690	1	MW-84A	6/11/2013
	cis-1,2-Dichloroethene	43000	70	Sample Port	4/7/2020
	Methyl cyclohexane	240	100	MW-84A	3/27/2017
	Methylene chloride	120	3	MW-84A	12/13/2013
	Tetrachloroethene	40	1	MW-87	3/26/2014
	trans-1,2-Dichloroethene	220	100	RW-208	8/26/2020
	Trichloroethene	91000	1	RW-208B	9/3/2019
	Vinyl chloride	20000	1	RW-208	3/17/2021
Associated with Amendment					
Other	Chloride	48000	250000	MW-85	12/19/2019
	Total Dissolved Solids (TDS)	2480000		MW-84AR	12/19/2019

FIGURES

Figure 1 – Site Plan with Monitoring Wells

GIS FILE PATH: C:\Users\dqualisi\Desktop\2021_PBR Figure Prep\2021_PBR_Figures.mxd — USER: dqualisi — LAST SAVED: 5/11/2021 2:44:47 PM

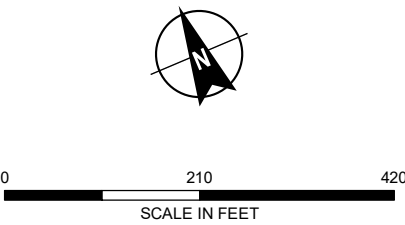


LEGEND

- AOC Boundaries
- - - Tax Parcel Boundaries
- Monitoring Well
- Monitoring Well (Abandoned)
- Surface Water Monitoring Location
- Remediation Wells
- Newly Installed Remediation Wells

NOTES

1. ALL LOCATIONS AND EXTENTS APPROXIMATE



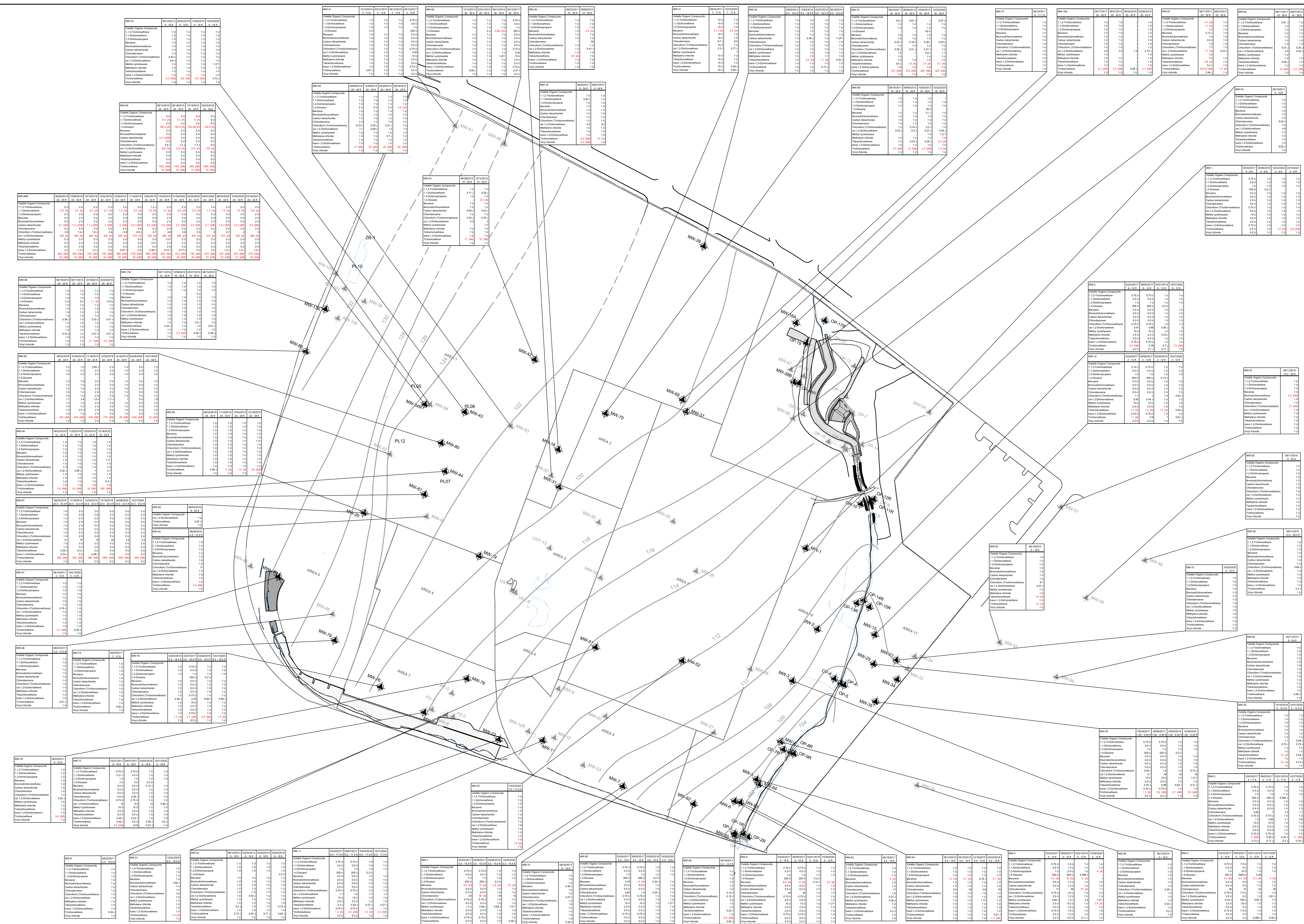
EWING TOWNSHIP INDUSTRIAL LAND
ISRA CASE NO. E97070
EWING TOWNSHIP, NEW JERSEY

SITE PLAN WITH MONITORING WELLS

MAY 2021

FIGURE 1

Figure 2A-2F – Groundwater Databoxes



NOTES:

1. MONITORING WELL LOCATIONS BASED ON A SURVEY PERFORMED BY GERALD G. DEGRATO, L.S. DATED NOVEMBER 20, 2002. REVISION TO APRIL 15, 2013. BOUNDARY INFORMATION SHOWN IS BASED ON A SURVEY PERFORMED BY GERALD G. DEGRATO, L.S. DATED JUNE 21, 2005. BEARINGS SHOWN ARE BASED ON DEED BOOK 4512, PAGE 252. WETLANDS DELINEATED BY AMY S. GREENE ENVIRONMENTAL CONSULTANTS, INC., FLEMINGTON, N.J., JUNE, 2005. WETLAND BOUNDARIES SHOWN BASED ON A WETLAND SURVEY PERFORMED BY GERALD G. DEGRATO, L.S. DATED JUNE 21, 2005. REVISED TO JANUARY 20, 2006.
2. AERIAL TOPOGRAPHY PERFORMED BY ATLANTIS AERIAL SURVEY CO., INC., MT. OLIVE, N.J. DATE OF FLIGHT: MARCH 27, 2010. VERTICAL DATUM: NAVD 1988. HORIZONTAL DATUM: N.J.S.P.C. NAD 1983.
3. UNITS SHOWN IN UGL.

ONLY CHEMICALS EXCEEDING CRITERIA ARE SHOWN IN DATBOXES. DATBOXES ARE RESTRICTED TO THE MOST RECENT FOUR SAMPLING EVENTS SINCE 2010.

DATA SHOWN IN RED EXCEED THE ONE OR MORE OF THE FOLLOWING CRITERIA:

- (A) - NEW JERSEY GROUNDWATER QUALITY STANDARDS (JULY 2010)
- (B) - NIDEUP APPROPRIATE INTRUSION (MARCH 2013)

RESULTS IN RED WERE DETECTED AND EXCEED CRITERIA.

GROUNDWATER ELEVATIONS MEASURED 28 FEBRUARY 2018.

DASH INDICATES ANALYTE WAS NOT ANALYZED. AUGUST 2016 SAMPLING EVENT WAS LIMITED ANALYTES LIST.

LEGEND:

- PROPERTY LINE
- x- FENCE
- WETLANDS
- 100 YEAR FLOOD ZONE
- WATER BODY
- POTENTIOMETRIC GROUNDWATER SURFACE CONTOUR
- MONITORING WELL LOCATION ASSOCIATED WITH OVERBURDEN
- ABANDONED WELL

SCALE IN FEET

0 100 200 300 400

FIGURE 2A

EWING TOWNSHIP INDUSTRIAL LAND
ISRA CASE NO. E97070
EWING TOWNSHIP, NEW JERSEY

GROUNDWATER ANALYTICAL DATA
OVERBURDEN AND WEATHERED
BEDROCK - VOCs

SCALE: AS SHOWN
APRIL 2021

NOTES:

1. MONITORING WELL LOCATIONS BASED ON A SURVEY PERFORMED BY GERALD G. DEGROAT, L.S. DATED NOVEMBER 20, 2002, REVISED TO APRIL 15, 2013. BOUNDARY INFORMATION SHOWN IS BASED ON A SURVEY PERFORMED BY GERALD G. DEGROAT, L.S. DATED JUNE 21, 2005. BEARINGS SHOWN ARE BASED ON DEED BOOK 4512, PAGE 252. WETLANDS DELINEATED BY AMY S. GREENE ENVIRONMENTAL CONSULTANTS, INC., FLEMINGTON, N.J., JUNE, 2005. WETLAND BOUNDARIES SHOWN BASED ON A WETLAND SURVEY PERFORMED BY GERALD G. DEGROAT, L.S. DATED JUNE 21, 2005, REVISED TO JANUARY 20, 2006.

2. AERIAL TOPOGRAPHY PERFORMED BY ATLANTIS AERIAL SURVEY CO., INC., MT. OLIVE, N.J. DATE OF FLIGHT: MARCH 27, 2010
VERTICAL DATUM: NAVD 1988
HORIZONTAL DATUM: N.J.S.P.C.S. NAD 1983.

3. UNITS SHOWN IN UGAL.

4. ONLY CHEMICALS EXCEEDING CRITERIA ARE SHOWN IN DATBOXES. DATBOXES ARE RESTRICTED TO THE MOST RECENT FOUR SAMPLING EVENTS SINCE 2010.

5. DATA SHOWN IN RED EXCEED THE ONE OR MORE OF THE FOLLOWING CRITERIA:
[A] - NEW JERSEY GROUNDWATER QUALITY STANDARDS (JULY 2010)
[B] - NIDEP VAPOR INTRUSION (MARCH 2013)

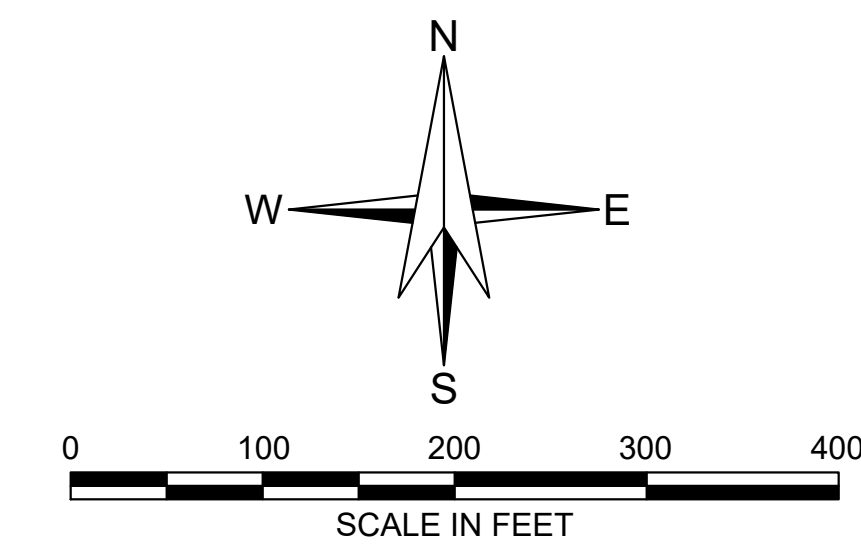
6. RESULTS IN RED WERE DETECTED AND EXCEED CRITERIA.

7. GROUNDWATER ELEVATIONS MEASURED 28 FEBRUARY 2018.

8. DASH INDICATES ANALYTE WAS NOT ANALYZED. AUGUST 2016 SAMPLING EVENT WAS LIMITED ANALYTES LIST.

LEGEND:

- PROPERTY LINE
- - - - - SUSPECTED FAULT LOCATION
- - - - - FENCE
- - - - - WETLANDS
- - - - - 100 YEAR FLOOD ZONE
- - - - - POTENTIOMETRIC GROUNDWATER SURFACE CONTOUR
- MONITORING WELL LOCATION ASSOCIATED WITH BEDROCK
- ▲ ABANDONED WELL



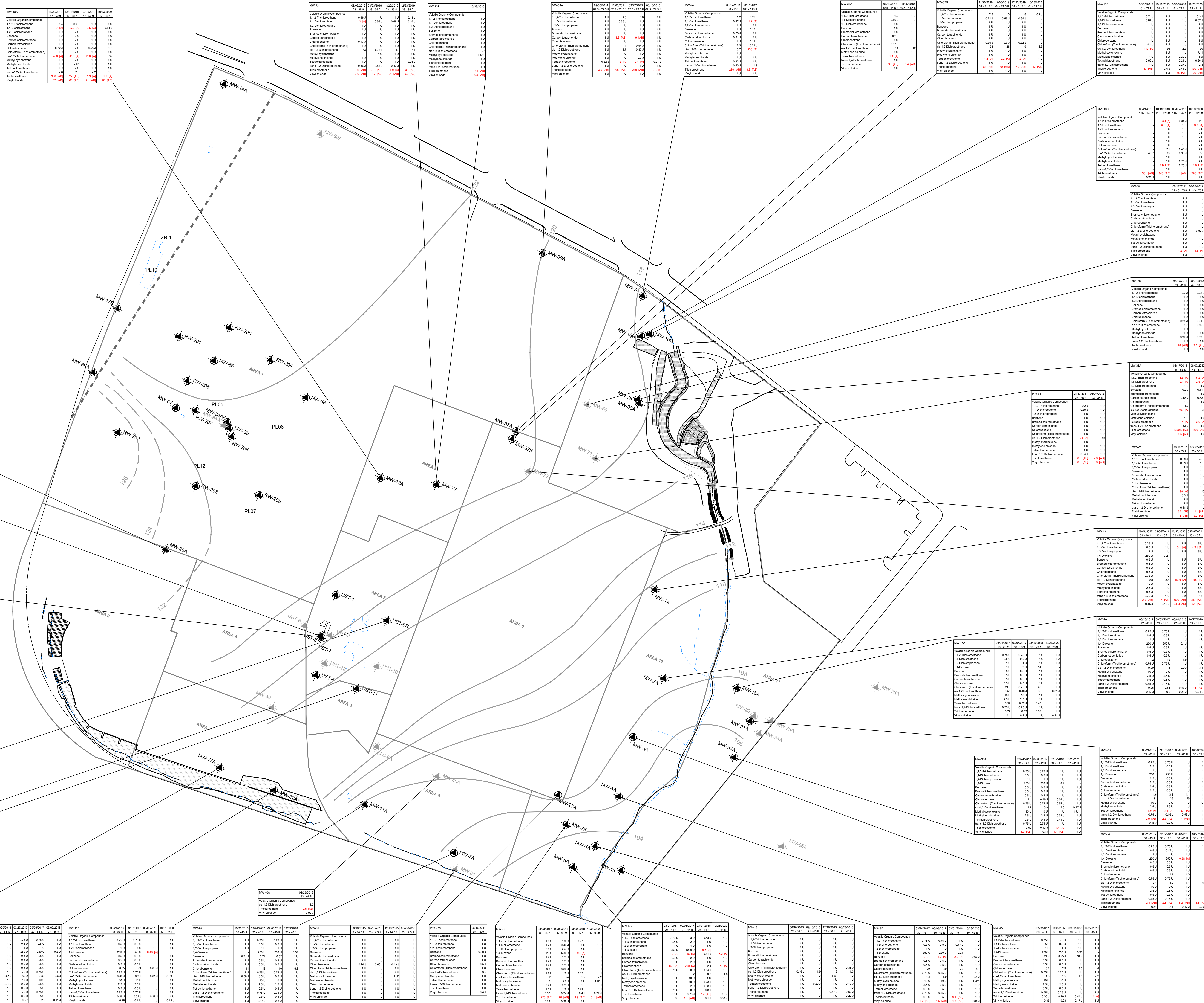
HALEY
ALDRICH

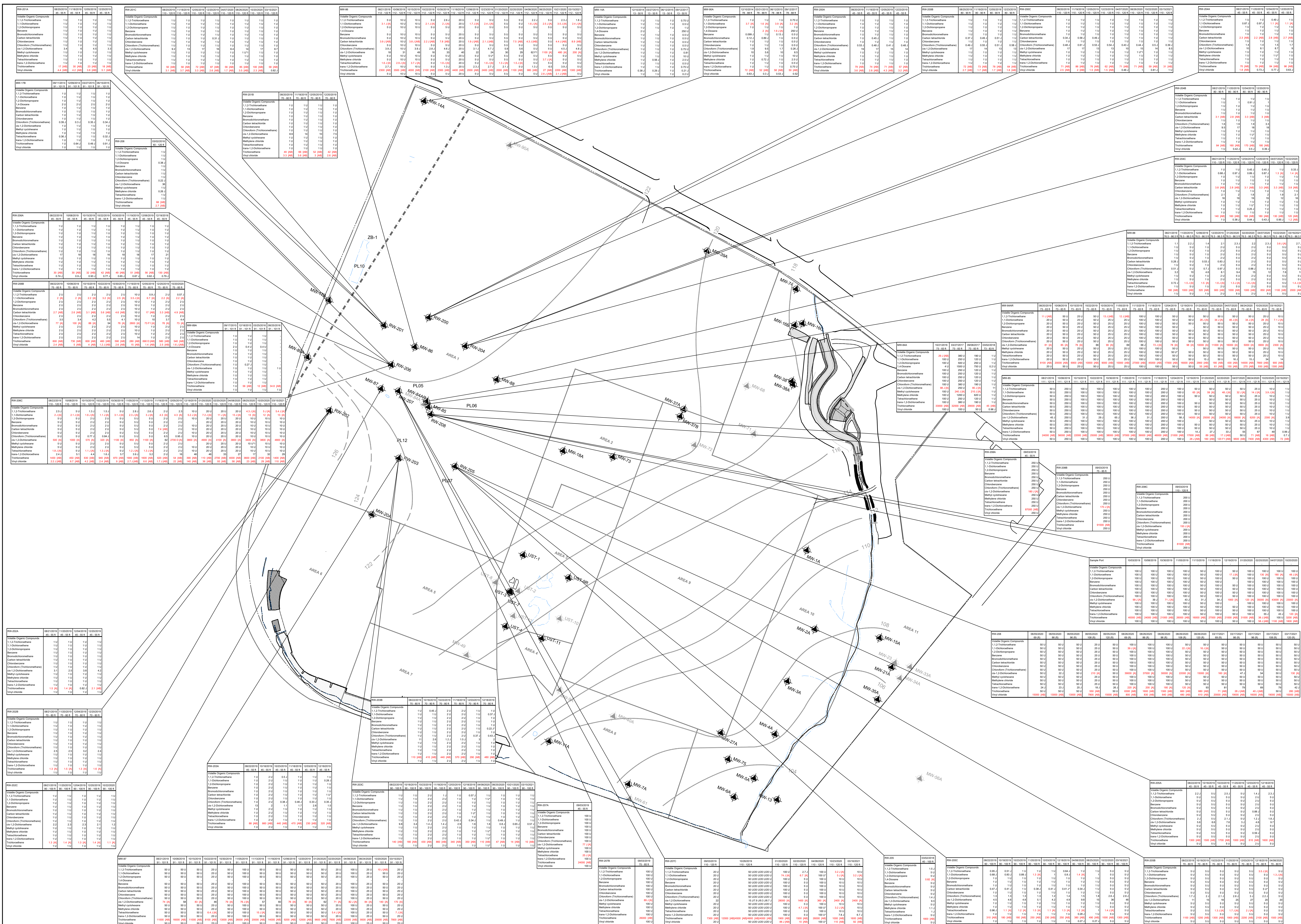
EVING TOWNSHIP INDUSTRIAL LAND
ISRA CASE NO. E97070
EVING TOWNSHIP, NEW JERSEY

GROUNDWATER ANALYTICAL DATA BEDROCK ZONE - VOCs DOWNGRADIANT

SCALE: AS SHOWN
APRIL 2021

FIGURE 2B







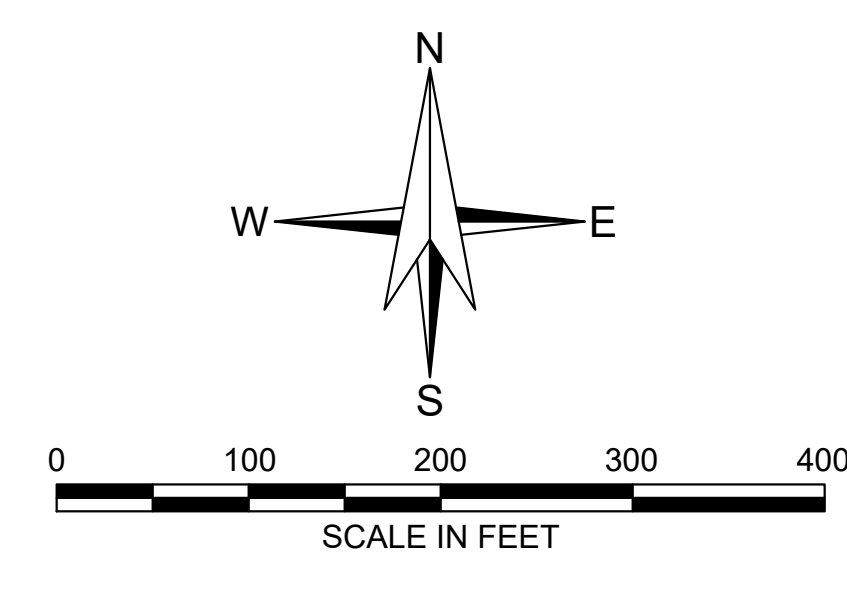
NOTES:

1. MONITORING WELL LOCATIONS BASED ON A SURVEY PERFORMED BY GERALD G. DEGROAT, L.S., DATED NOVEMBER 20, 2002, REVISED TO APRIL 15, 2013. BOUNDARY INFORMATION SHOWN IS BASED ON A SURVEY PERFORMED BY GERALD G. DEGROAT, L.S., DATED JUNE 21, 2005. BEARINGS SHOWN ARE BASED ON DEED BOOK 4512, PAGE 252. WETLANDS DELINEATED BY AMY S. GREENE ENVIRONMENTAL CONSULTANTS, INC., FLEMINGTON, N.J., JUNE, 2005. WETLAND BOUNDARIES SHOWN BASED ON A WETLAND SURVEY PERFORMED BY GERALD G. DEGROAT, L.S., DATED JUNE 21, 2005, REVISED TO JANUARY 20, 2006.
2. AERIAL TOPOGRAPHY PERFORMED BY ATLANTIS AERIAL SURVEY CO., INC., MT. OLIVE, N.J. DATE OF FLIGHT: MARCH 27, 2010
VERTICAL DATUM: NAVD 1988
HORIZONTAL DATUM: N.J.S.P.C.S. NAD 1983.
3. UNITS SHOWN IN UG/L.

4. ONLY CHEMICALS EXCEEDING CRITERIA ARE SHOWN IN DATABASES. DATABASES ARE RESTRICTED TO THE MOST RECENT FOUR SAMPLING EVENTS SINCE 2010.
5. DATA SHOWN IN RED EXCEED THE ONE OR MORE OF THE FOLLOWING CRITERIA:
[A] - NEW JERSEY GROUNDWATER QUALITY STANDARDS (JULY 2010)
[B] - NIDEP VAPOR INTRUSION (MARCH 2013)
6. RESULTS IN RED WERE DETECTED AND EXCEED CRITERIA.
7. GROUNDWATER ELEVATIONS MEASURED 28 FEBRUARY 2018.
8. DASH INDICATES ANALYTE WAS NOT ANALYZED. AUGUST 2016 SAMPLING EVENT WAS LIMITED ANALYTES LIST.

LEGEND:

- PROPERTY LINE
- x- FENCE
- WETLANDS
- 100 YEAR FLOOD ZONE
- WATER BODY
- POTENTIOMETRIC GROUNDWATER SURFACE CONTOUR
- MONITORING WELL LOCATION ASSOCIATED WITH BEDROCK
- ABANDONED WELLS
- SUSPECTED FAULT LOCATION



HALEY ALDRICH

 EWING TOWNSHIP INDUSTRIAL LAND
 ISRA CASE NO. E97070
 EWING TOWNSHIP, NEW JERSEY

 GROUNDWATER ANALYTICAL DATA
 BEDROCK ZONE - INORGANICS & SVOCs
 DOWNGRADIANT

 SCALE: AS SHOWN
 APRIL 2021

FIGURE 2E

MW-5A	10/05/2010	05/05/2011	01/05/2012	10/05/2013
Inorganic Compounds	47.52	47.52	47.52	47.52
Antimony	4.1	4.1	4.1	4.1
Asbestos	0.1	0.1	0.1	0.1
Barium	10.0	10.0	10.0	10.0
Cadmium	0.1	0.1	0.1	0.1
Chromium	10.0	10.0	10.0	10.0
Copper	0.1	0.1	0.1	0.1
Lead	0.1	0.1	0.1	0.1
Manganese	0.1	0.1	0.1	0.1
Nickel	0.1	0.1	0.1	0.1
Selenium	0.1	0.1	0.1	0.1
Silver	0.1	0.1	0.1	0.1
Sulfate	0.1	0.1	0.1	0.1
Zinc	0.1	0.1	0.1	0.1

MW-7A	10/05/2010	05/05/2011	01/05/2012	10/05/2013
Inorganic Compounds	20.32	20.32	20.32	20.32
Antimony	4.1	4.1	4.1	4.1
Asbestos	0.1	0.1	0.1	0.1
Barium	10.0	10.0	10.0	10.0
Cadmium	0.1	0.1	0.1	0.1
Chromium	10.0	10.0	10.0	10.0
Copper	0.1	0.1	0.1	0.1
Lead	0.1	0.1	0.1	0.1
Manganese	0.1	0.1	0.1	0.1
Nickel	0.1	0.1	0.1	0.1
Selenium	0.1	0.1	0.1	0.1
Silver	0.1	0.1	0.1	0.1
Sulfate	0.1	0.1	0.1	0.1
Zinc	0.1	0.1	0.1	0.1

MW-7A	10/05/2010	05/05/2011	01/05/2012	10/05/2013
Inorganic Compounds	20.32	20.32	20.32	20.32
Antimony	4.1	4.1	4.1	4.1
Asbestos	0.1	0.1	0.1	0.1
Barium	10.0	10.0	10.0	10.0
Cadmium	0.1	0.1	0.1	0.1
Chromium	10.0	10.0	10.0	10.0
Copper	0.1	0.1	0.1	0.1
Lead	0.1	0.1	0.1	0.1
Manganese	0.1	0.1	0.1	0.1
Nickel	0.1	0.1	0.1	0.1
Selenium	0.1	0.1	0.1	0.1
Silver	0.1	0.1	0.1	0.1
Sulfate	0.1	0.1	0.1	0.1
Zinc	0.1	0.1	0.1	0.1

MW-8A	10/05/2010	05/05/2011	01/05/2012	10/05/2013
Inorganic Compounds	20.32	20.32	20.32	20.32
Antimony	4.1	4.1	4.1	4.1
Asbestos	0.1	0.1	0.1	0.1
Barium	10.0	10.0	10.0	10.0
Cadmium	0.1	0.1	0.1	0.1
Chromium	10.0	10.0	10.0	10.0
Copper	0.1	0.1	0.1	0.1
Lead	0.1	0.1	0.1	0.1
Manganese	0.1	0.1	0.1	0.1
Nickel	0.1	0.1	0.1	0.1
Selenium	0.1	0.1	0.1	0.1
Silver	0.1	0.1	0.1	0.1
Sulfate	0.1	0.1	0.1	0.1
Zinc	0.1	0.1	0.1	0.1

MW-9B	10/05/2010	05/05/2011	01/05/2012	10/05/2013
Inorganic Compounds	20.32	20.32	20.32	20.32
Antimony	4.1	4.1	4.1	4.1
Asbestos	0.1	0.1	0.1	0.1
Barium	10.0	10.0	10.0	10.0
Cadmium	0.1	0.1	0.1	0.1
Chromium	10.0	10.0	10.0	10.0
Copper	0.1	0.1	0.1	0.1
Lead	0.1	0.1	0.1	0.1
Manganese	0.1	0.1	0.1	0.1
Nickel	0.1	0.1	0.1	0.1
Selenium	0.1	0.1	0.1	0.1
Silver	0.1	0.1	0.1	0.1
Sulfate	0.1	0.1	0.1	0.1
Zinc	0.1	0.1	0.1	0.1

MW-10B	10/05/2010	05/05/2011	01/05/2012	10/05/2013
Inorganic Compounds	20.32	20.32	20.32	20.32
Antimony	4.1	4.1	4.1	4.1
Asbestos	0.1	0.1	0.1	0.1
Barium	10.0	10.0	10.0	10.0
Cadmium	0.1	0.1	0.1	0.1
Chromium	10.0	10.0	10.0	10.0
Copper	0.1	0.1	0.1	0.1
Lead	0.1	0.1	0.1	0.1
Manganese	0.1	0.1	0.1	0.1
Nickel	0.1	0.1	0.1	0.1
Selenium	0.1	0.1	0.1	0.1
Silver	0.1	0.1	0.1	0.1
Sulfate	0.1	0.1	0.1	0.1
Zinc	0.1	0.1	0.1	0.1

MW-10C	10/05/2010	05/05/2011	01/05/2012	10/05/2013
Inorganic Compounds	20.32	20.32	20.32	20.32
Antimony	4.1	4.1	4.1	4.1
Asbestos	0.1	0.1	0.1	0.1
Barium	10.0	10.0	10.0	10.0
Cadmium	0.1	0.1	0.1	0.1
Chromium	10.0	10.0	10.0	10.0
Copper	0.1	0.1	0.1	0.1
Lead	0.1	0.1	0.1	0.1
Manganese	0.1	0.1	0.1	0.1
Nickel	0.1	0.1	0.1	0.1
Selenium	0.1	0.1	0.1	0.1
Silver	0.1	0.1	0.1	0.1
Sulfate	0.1	0.1	0.1	0.1
Zinc	0.1	0.1	0.1	0.1

MW-5A	10/05/2010	05/05/2011	01/05/2012	10/05/2013
Inorganic Compounds	20.32	20.32	20.32	20.32
Antimony	4.1	4.1	4.1	4.1
Asbestos	0.1	0.1	0.1	0.1
Barium	10.0	10.0	10.0	10.0
Cadmium	0.1	0.1	0.1	0.1
Chromium	10.0	10.0	10.0	10.0
Copper	0.1	0.1	0.1	0.1
Lead	0.1	0.1	0.1	0.1
Manganese	0.1	0.1	0.1	0.1
Nickel	0.1	0.1	0.1	0.1
Selenium	0.1	0.1	0.1	0.1
Silver	0.1	0.1	0.1	0.1
Sulfate	0.1	0.1	0.1	0.1
Zinc	0.1	0.1	0.1	0.1

MW-7A	10/05/2010	05/05/2011	01/05/2012	10/05/2013
Inorganic Compounds	20.32	20.32	20.32	20.32
Antimony	4.1	4.1	4.1	4.1
Asbestos	0.1	0.1	0.1	0.1
Barium	10.0	10.0	10.0	10.0
Cadmium	0.1	0.1	0.1	0.1
Chromium	10.0	10.0	10.0	10.0
Copper	0.1	0.1	0.1	0.1
Lead	0.1	0.1	0.1	0.1
Manganese	0.1	0.1	0.1	0.1
Nickel	0.1	0.1	0.1	0.1
Selenium	0.1	0.1	0.1	0.1
Silver	0.1	0.1	0.1	0.1
Sulfate	0.1	0.1	0.1	0.1
Zinc	0.1	0.1	0.1	0.1

MW-5A	10/05/2010	05/05/2011	01/05/2012	10/05/2013
Inorganic Compounds	20.32	20.32	20.32	20.32
Antimony	4.1	4.1	4.1	4.1
Asbestos	0.1	0.1	0.1	0.1
Barium	10.0	10.0	10.0	10.0
Cadmium	0.1	0.1	0.1	0.1
Chromium	10.0	10.0	10.0	10.0
Copper	0.1	0.1	0.1	0.1
Lead	0.1	0.1	0.1	0.1
Manganese	0.1	0.1	0.1	0.1
Nickel	0.1	0.1	0.1	0.1
Selenium	0.1	0.1	0.1	0.1
Silver	0.1	0.1	0.1	0.1
Sulfate	0.1	0.1	0.1	0.1
Zinc	0.1	0.1	0.1	0.1

MW-11A	10/05/2010	05/05/2011	01/05/2012	10/05/2013
Inorganic Compounds	20.32	20.32	20.32	20.32
Antimony	4.1	4.1	4.1	4.1
Asbestos	0.1	0.1	0.1	0.1
Barium	10.0	10.0	10.0	10.0
Cadmium	0.1	0.1	0.1	0.1
Chromium	10.0	10.0	10.0	10.0
Copper	0.1	0.1	0.1	0.1
Lead	0.1	0.1	0.1	0.1
Manganese	0.1	0.1	0.1	0.1
Nickel	0.1	0.1	0.1	0.1
Selenium	0.1	0.1	0.1	0.1
Silver	0.1	0.1	0.1	0.1
Sulfate	0.1	0.1	0.1	0.1
Zinc	0.1	0.1	0.1	0.1

MW-7A	10/05/2010	05/05/2011	01/05/2012	10/05/2013
Inorganic Compounds	20.32	20.32	20.32	20.32
Antimony	4.1	4.1	4.1	4.1
Asbestos	0.1	0.1	0.1	0.1
Barium	10.0	10.0	10.0	10.0
Cadmium	0.1	0.1	0.1	0.1
Chromium	10.0	10.0	10.0	10.0
Copper	0.1	0.1	0.1	0.1
Lead	0.1	0.1	0.1	0.1
Manganese	0.1	0.1	0.1	0.1
Nickel	0.1	0.1	0.1	0.1
Selenium	0.1	0.1	0.1	0.1
Silver	0.1	0.1	0.1	0.1
Sulfate	0.1	0.1	0.1	0.1
Zinc	0.1	0.1	0.1	0.1

MW-61	10/05/2010	05/05/2011	01/05/2012	10/05/2013
Inorganic Compounds	20.32	20.32	20.32	20.32
Antimony	4.1	4.1	4.1	4.1
Asbestos	0.1	0.1	0.1	0.1
Barium	10.0	10.0	10.0	10.0
Cadmium	0.1	0.1	0.1	0.1
Chromium	10.0	10.0	10.0	10.0
Copper	0.1	0.1	0.1	0.1
Lead	0.1	0.1	0.1	0.1
Manganese	0.1	0.1	0.1	0.1
Nickel	0.1	0.1	0.1	0.1
Selenium	0.1	0.1	0.1	0.1
Silver	0.1	0.1	0.1	0.1
Sulfate	0.1	0.1	0.1	0.1
Zinc	0.1	0.1	0.1	0.1

MW-7A	10/05/2010	05/05/2011	01/05/2012	10/05/2013
Inorganic Compounds	20.32	20.32	20.32	20.32
Antimony	4.1	4.1	4.1	4.1
Asbestos	0.1	0.1	0.1	0.1
Barium	10.0	10.0	10.0	10.0
Cadmium	0.1	0.1	0.1	0.1
Chromium	10.0	10.0	10.0	10.0
Copper	0.1	0.1	0.1	0.1
Lead	0.1	0.1	0.1	0.1
Manganese	0.1	0.1	0.1	0.1
Nickel	0.1	0.1	0.1	0.1
Selenium	0.1	0.1	0.1	0.1
Silver	0.1	0.1	0.1	0.1
Sulfate	0.1	0.1	0.1	0.1
Zinc	0.1	0.1	0.1	0.1

2016	10/05/2020			
18	18	18	18	18
2.1				
1.5				
0.8				
1.5				
2.3				
1.2	0.71			
7.2				

NOTES:

1. MONITORING WELL LOCATIONS BASED ON A SURVEY PERFORMED BY GERALD G. DEGROAT, L.S., DATED NOVEMBER 20, 2002, REVISED TO APRIL 15, 2013. BOUNDARY INFORMATION SHOWN IS BASED ON A SURVEY PERFORMED BY GERALD G. DEGROAT, L.S., DATED JUNE 21, 2005. BEARINGS SHOWN ARE BASED ON DEED BOOK 4512, PAGE 252. WETLANDS DELINEATED BY AMY S. GREENE ENVIRONMENTAL CONSULTANTS, INC., FLEMINGTON, N.J., JUNE, 2005. WETLAND BOUNDARIES SHOWN BASED ON A WETLAND SURVEY PERFORMED BY GERALD G. DEGROAT, L.S., DATED JUNE 21, 2005, REVISED TO JANUARY 20, 2006.
2. AERIAL TOPOGRAPHY PERFORMED BY ATLANTIS AERIAL SURVEY CO., INC., MT. OLIVE, N.J. DATE OF FLIGHT : MARCH 27, 2010
VERTICAL DATUM : NAVD 1988
HORIZONTAL DATUM - N.J.S.P.C.S. NAD 1983.
3. UNITS SHOWN IN UGAL.

4. ONLY CHEMICALS EXCEEDING CRITERIA ARE SHOWN IN DATABASES. DATABASES ARE RESTRICTED TO THE MOST RECENT FOUR SAMPLING EVENTS SINCE 2010.

5. DATA SHOWN IN RED EXCEED THE ONE OR MORE OF THE FOLLOWING CRITERIA:
[A] - NEW JERSEY GROUNDWATER QUALITY STANDARDS (JULY 2010)
[B] - NIDEP VAPOR INTRUSION (MARCH 2013)

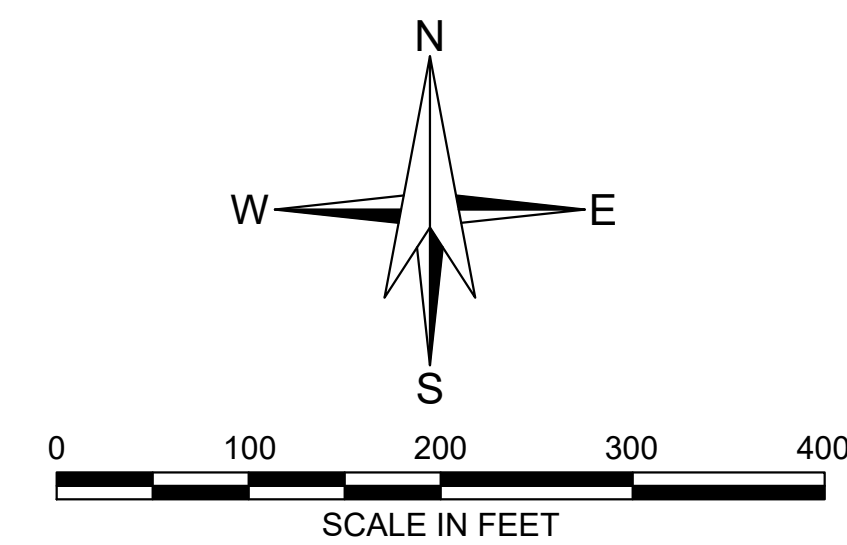
6. RESULTS IN RED WERE DETECTED AND EXCEED CRITERIA.

7. GROUNDWATER ELEVATIONS MEASURED 28 FEBRUARY 2018.

8. DASH INDICATES ANALYTE WAS NOT ANALYZED. AUGUST 2016 SAMPLING EVENT WAS LIMITED ANALYTES LIST.

LEGEND:

- PROPERTY LINE
- x- FENCE
- WETLANDS
- 100 YEAR FLOOD ZONE
- POTENTIOMETRIC GROUNDWATER SURFACE CONTOUR
- MONITORING WELL LOCATION ASSOCIATED WITH BEDROCK ABANDONED WELLS
- SUSPECTED FAULT LOCATION



HALEY ALDRICH

EWING TOWNSHIP INDUSTRIAL LAND
ISRA CASE NO. E97070
EWING TOWNSHIP, NEW JERSEY

GROUNDWATER ANALYTICAL DATA BEDROCK ZONE - INORGANICS & SVOCs FORMER BUILDING

SCALE: AS SHOWN
APRIL 2021

FIGURE 2F

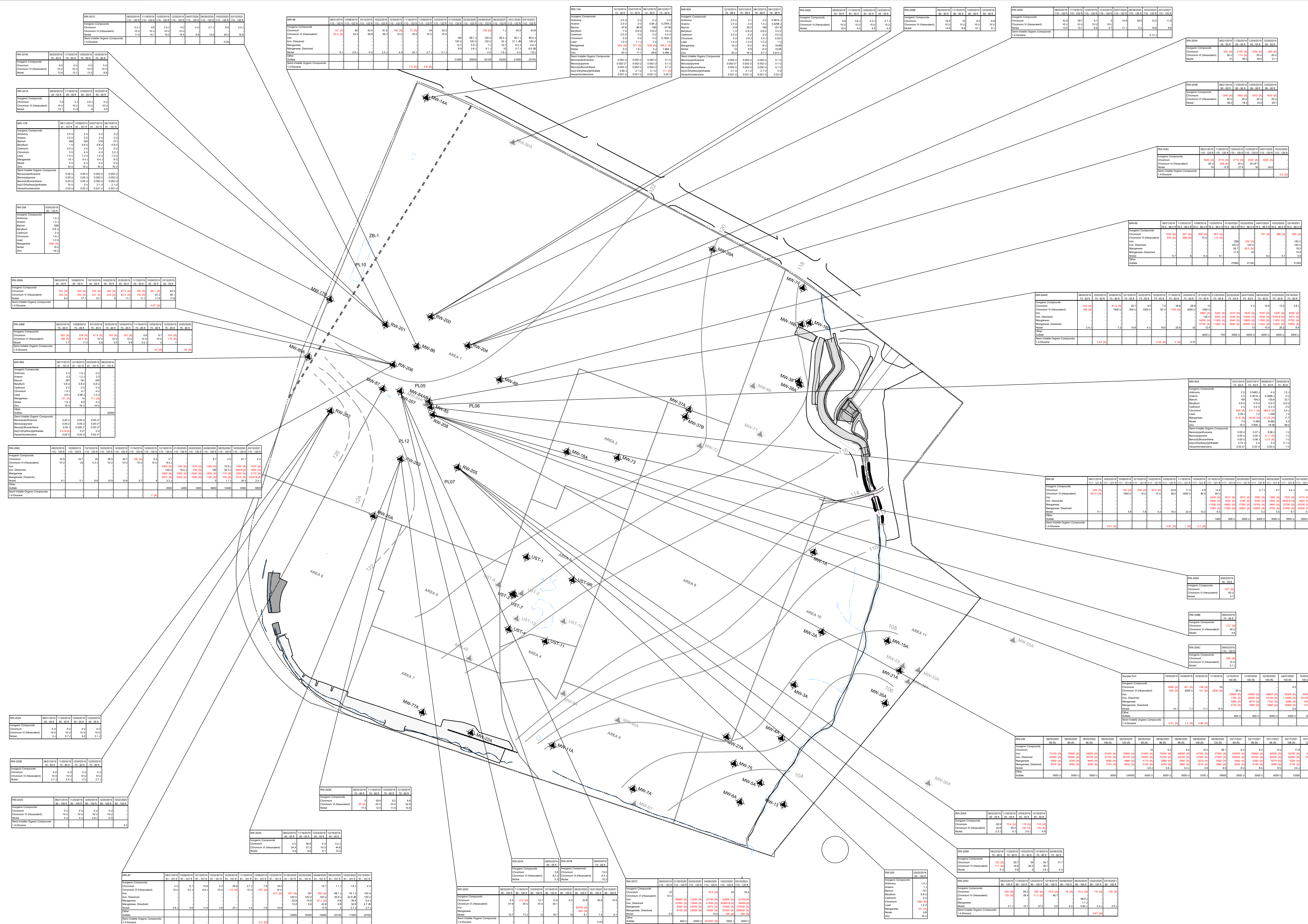


Figure 3 – Proposed Groundwater Treatment Area

1. ALL LOCATIONS AND EXTENTS APPROXIMATE



0 90 180
SCALE IN FEET

**HALEY
ALDRICH**

EWING TOWNSHIP INDUSTRIAL LAND
ISRA CASE NO. E97070
EWING TOWNSHIP, NEW JERSEY

PROPOSED GROUNDWATER TREATMENT AREA - DETAILED

MAY 2021

FIGURE 3

Figure 4 – Proposed Groundwater Treatment Area Former Conditions

GIS FILE PATH: C:\Users\dqualisi\Desktop\2021_PBR Figure Prep\2021_PBR_Figures.mxd — USER: dqualisi — LAST SAVED: 5/11/2021 2:44:47 PM

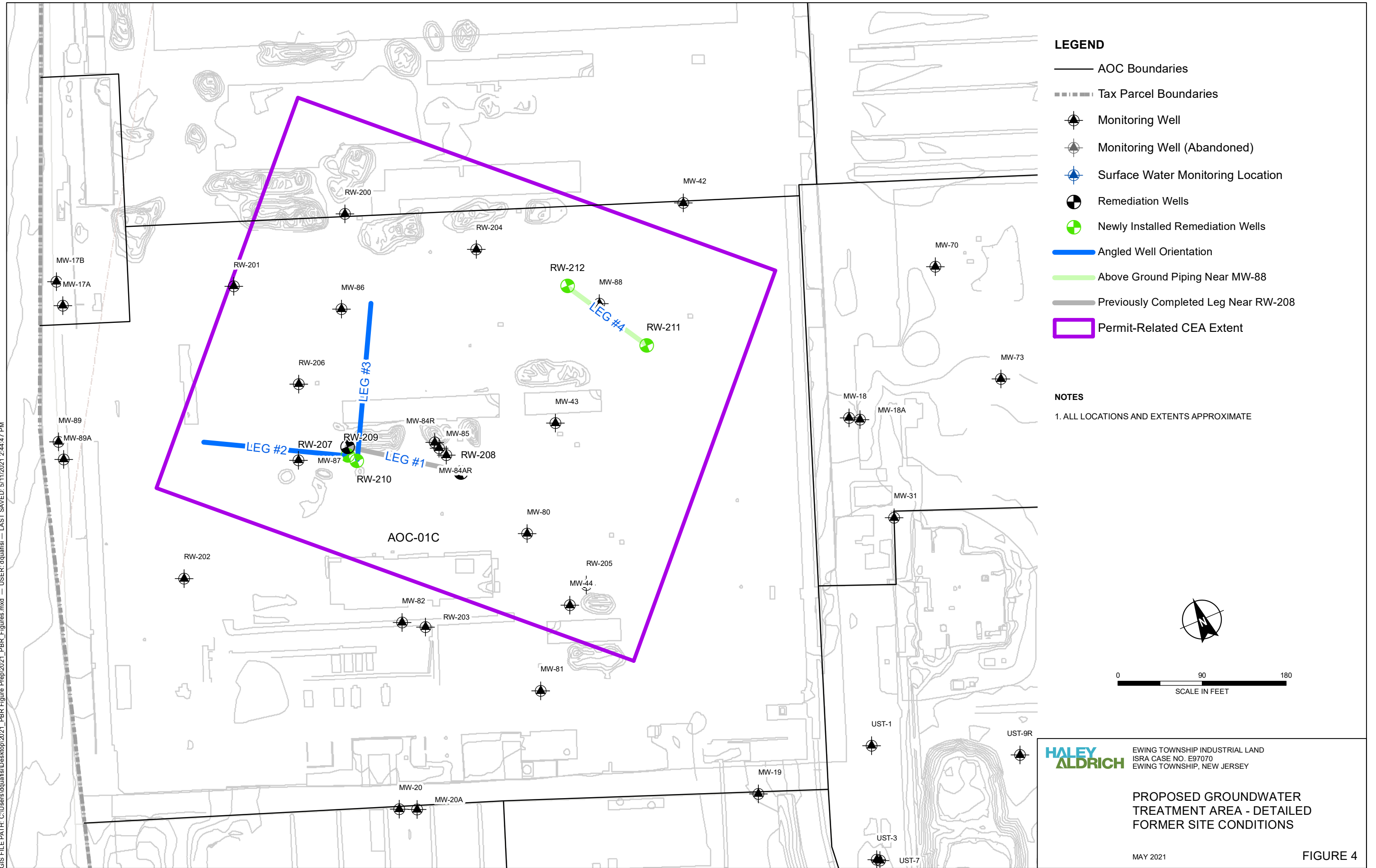
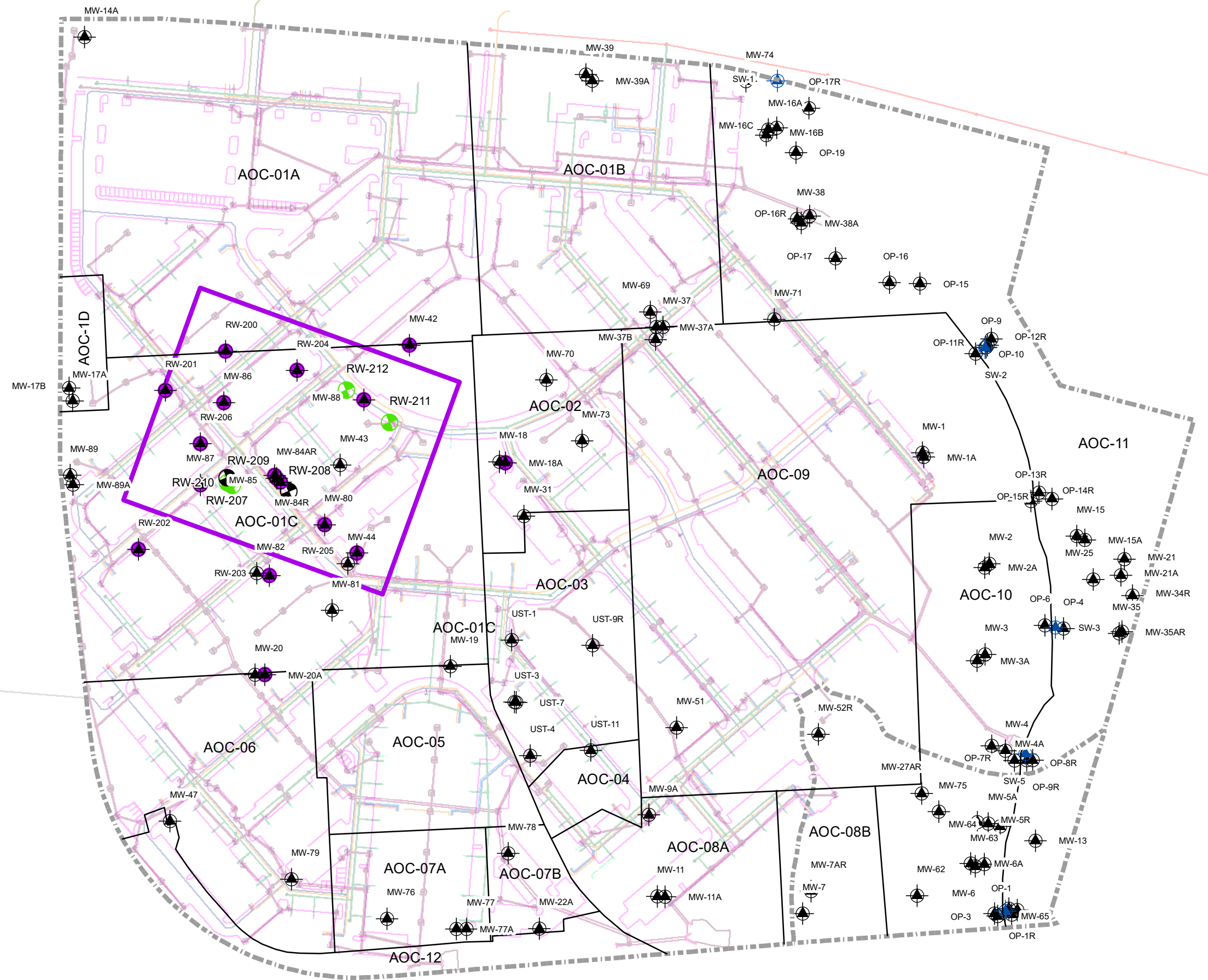


Figure 5 – Site Plan with Performance Monitoring Wells

GIS FILE PATH: C:\Users\dqualisi\Desktop\2021_PBR Figure Prep\2021_PBR_Figures.mxd — USER: dqualisi — LAST SAVED: 5/28/2021 9:59:34 AM



LEGEND

- AOC Boundaries
- - - Tax Parcel Boundaries
- ⊗ Monitoring Well
- ⊗ Monitoring Well (Abandoned)
- ⊕ Surface Water Monitoring Location
- ⊗ Remediation Wells
- ⊕ Newly Installed Remediation Wells
- Performance Monitoring Wells; MW-42
- ▭ Permit-Related CEA Extent

NOTES

1. ALL LOCATIONS AND EXTENTS APPROXIMATE

HALEY
ALDRICH

EWING TOWNSHIP INDUSTRIAL LAND
ISRA CASE NO. E97070
EWING TOWNSHIP, NEW JERSEY

**SITE PLAN WITH PERFORMANCE
MONITORING WELLS**

MAY 2021

FIGURE 5

Figure 6 – CEA Map and Cross Section A-A'

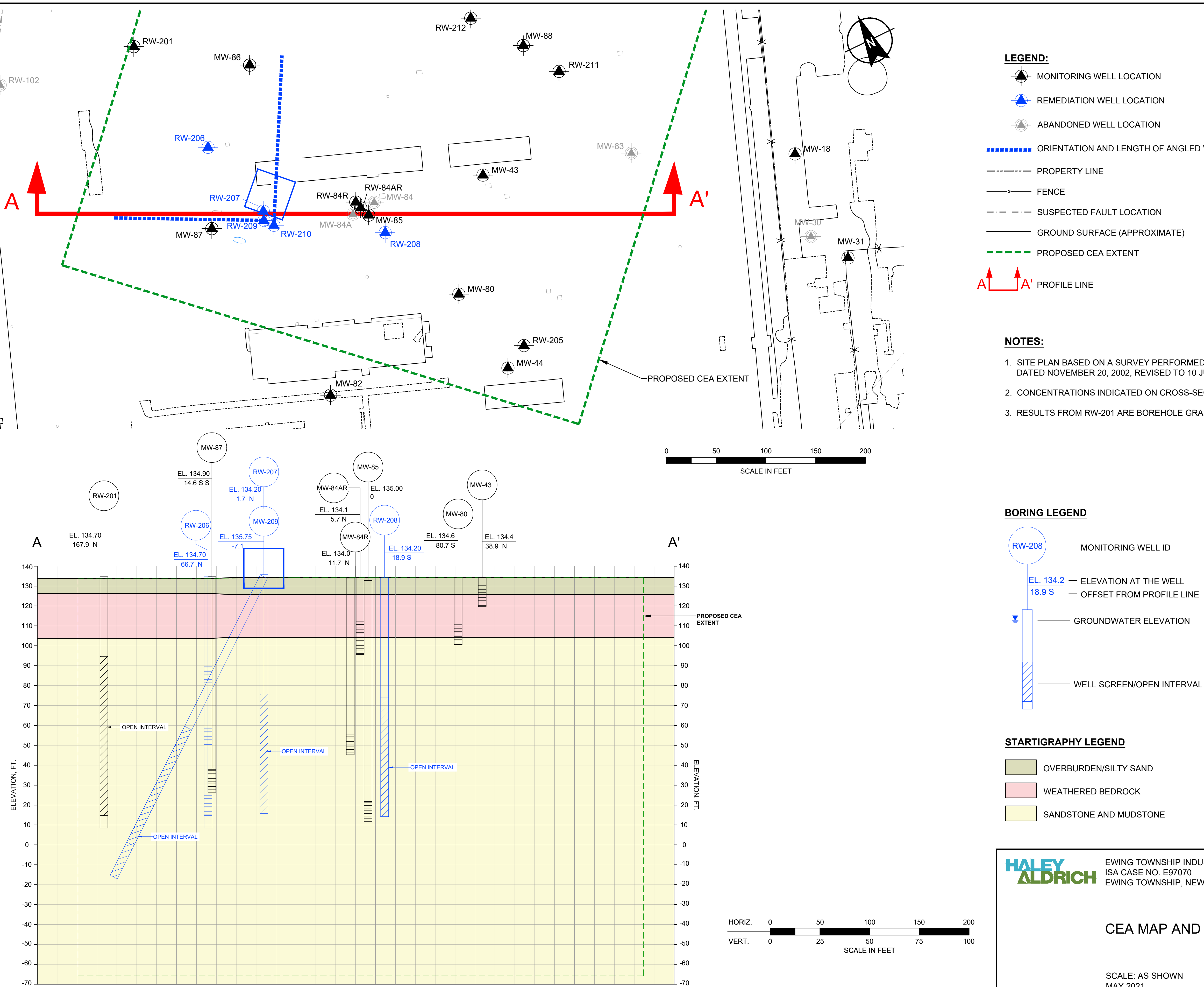
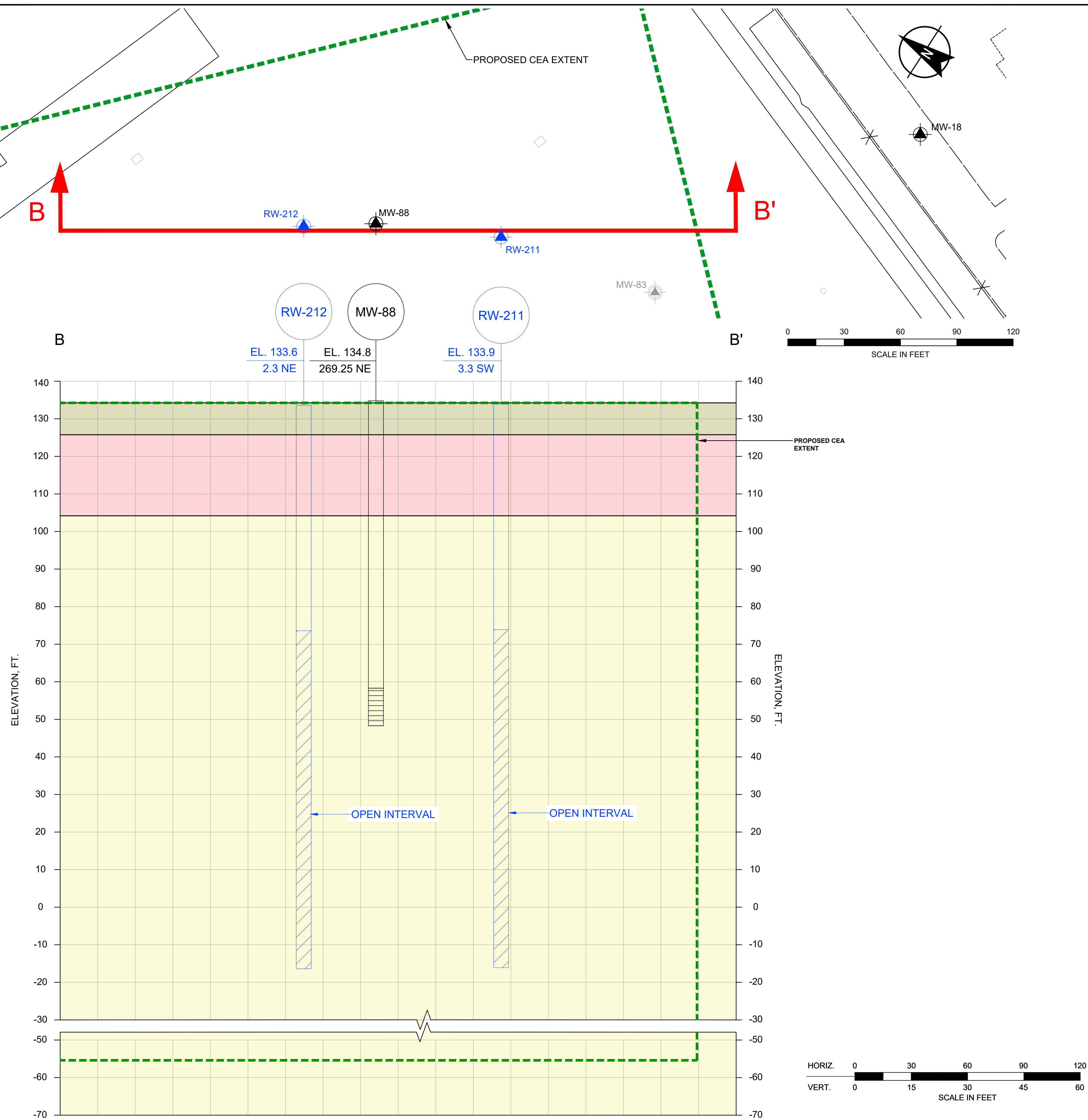


FIGURE 6

Figure 7 – CEA Map and Cross Section B-B'

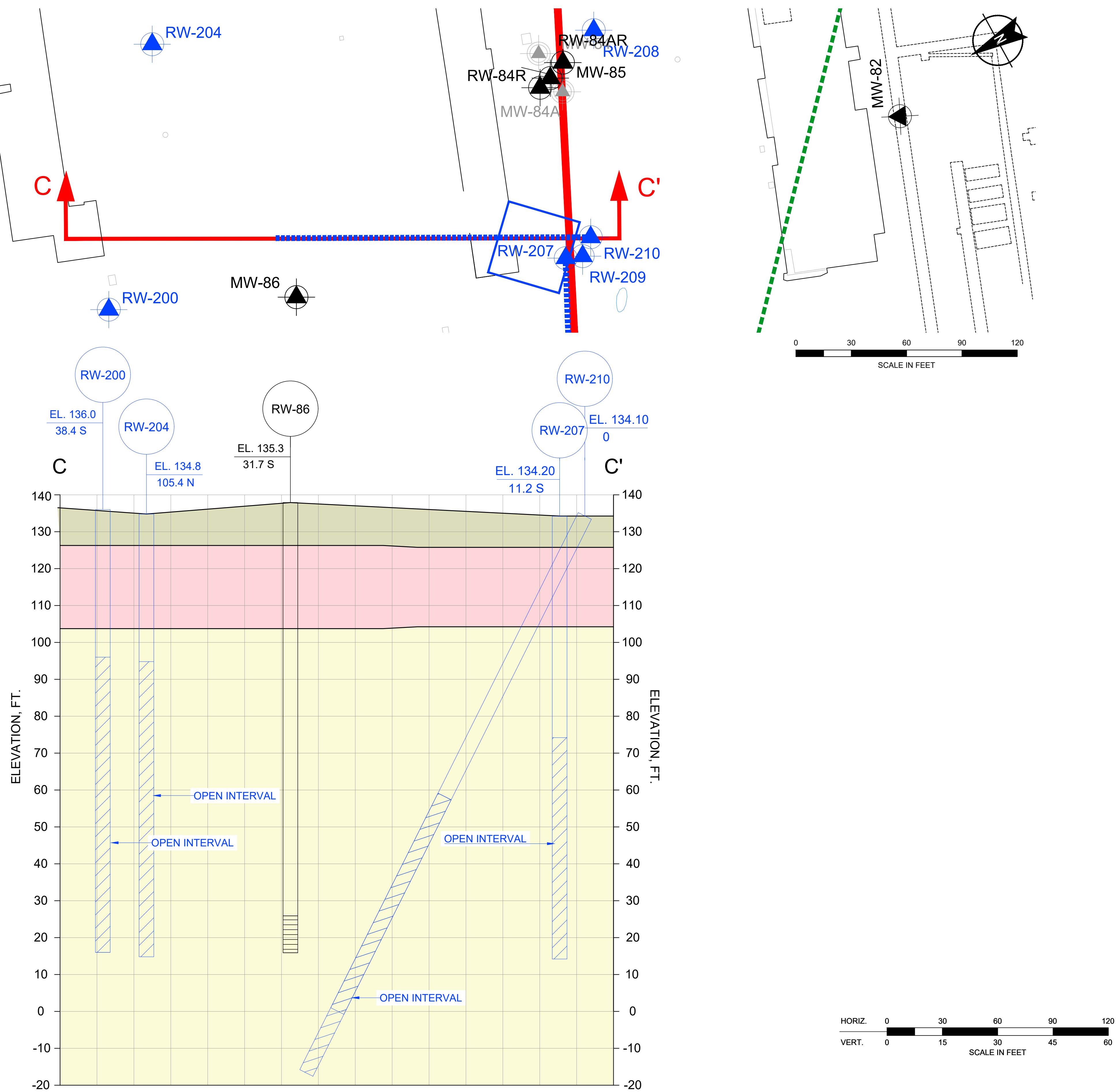


HALEY ALDRICH EWING TOWNSHIP INDUSTRIAL LAND
ISA CASE NO. E97070
EWING TOWNSHIP, NEW JERSEY

CEA MAP AND CROSS SECTION B-B'

SCALE: AS SHOWN
MAY 2021

Figure 8 – CEA Map and Cross Section C-C'



HALEY
ALDRICH

EWING TOWNSHIP INDUSTRIAL LAND
ISA CASE NO. E97070
EWING TOWNSHIP, NEW JERSEY

CEA MAP AND CROSS SECTION C-C'

SCALE: AS SHOWN
MAY 2021

FIGURE 8

APPENDIX A

Discharge to Ground Water Permit by Rule Authorization Request Form



New Jersey Department of Environmental Protection
Site Remediation and Waste Management Program
**DISCHARGE TO GROUND WATER (DGW) PERMIT-BY-RULE
AUTHORIZATION REQUEST**

☒ LSRP ☐ Subsurface Evaluator (UHOT)

Date Stamp
(For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Ewing Township Industrial Land
AKAs: Former Delphi Lighting & Systems Division, GM Trenton, Turnstead Division of GM, Fisher Body Division
Street Address: 1445 Parkway Avenue
Municipality: Ewing Township (Township, Borough or City)
County: Mercer Zip Code: 08650
Program Interest (PI) Number(s): 011336
Case Tracking Number(s) for this submission: E97070

Municipal block(s) and lot(s) where the **proposed discharge(s)** would occur:

Block # 343 Lot #(s) 1.01, 1.03 Block # _____ Lot #(s) _____
Block # _____ Lot #(s) _____ Block # _____ Lot #(s) _____

SECTION B. FEE AND DISCHARGE INFORMATION

DGW Proposal Review Fee \$350.00

Discharge Type (check all that apply)

- ☒ Discharge of Recovered Ground Water
Will the discharge be a result of dewatering only? ☐ Yes ☒ No
☒ Discharge that is part of an *In situ* Remediation
☐ Discharges other than those above (see instructions for more information)

Facility Type (check all that apply)

- ☒ Underground Injection Control (UIC) facility (i.e., any type of injection)
☐ Non-UIC (e.g., surface application) (see instructions for more information)

Attach a Discharge to Ground Water Proposal to this form (see instructions)

SECTION C. PUBLIC NOTICE PROVISIONS (Does not apply to residential heating oil tank cases)

Is the proposed discharge lasting greater than 180 days? ☒ Yes ☐ No
If "Yes," attach a copy of the public notice written as you intend it to be published. (see instructions)

SECTION D. SITE USE AND GROUND WATER CLASSIFICATION

Current Site Use (check all that apply)

- ☒ Industrial ☐ Agricultural
☐ Residential ☐ Park or recreational use
☐ Commercial ☒ Vacant
☐ School or child care ☐ Government
☐ Other _____

Intended Future Site Use (check all that apply)

- ☐ Industrial ☐ Park or recreational use
☒ Residential ☐ Vacant
☒ Commercial ☐ Government
☐ School or child care ☐ Future site use unknown

What is the ground water classification for this site as per N.J.A.C. 7:9C? (check all that apply)

- ☐ Class I-A ☒ Class II-A
☐ Class I-PL Pinelands Protection Area ☐ Class III-A
☐ Class I-PL Pinelands Preservation Area ☐ Class III-B

SECTION E. RECEPTOR EVALUATION SUMMARY

Non-UHOT Cases

1. Have any of the following been identified on the site or within 200 feet of the site boundary?

Check all that apply.

- | | |
|--|--|
| ☒ Residences | ☐ Child care facilities |
| ☐ Public and private schools (K-12) | ☐ Surface water |
| ☐ Other occupied buildings | ☒ Public parks and playgrounds |

2. Did the well search conducted as a part of the receptor evaluation show any well use (potable, industrial, or irrigation)?

☐ Yes ☒ No

If "Yes," indicate the type of use and approximate distance (closest occurrence) from site: (Check all that apply)

- | | |
|-------------------------------------|--------------------------------|
| ☐ Potable | Distance from site: _____ feet |
| ☐ Industrial | Distance from site: _____ feet |
| ☐ Irrigation | Distance from site: _____ feet |

3. Have any of these receptors been impacted? ☐ Yes ☒ No

If "Yes," Do you have an NJDEP assigned Case Manager? ☐ Yes ☐ No

If "Yes," please list the Case Manager: _____

UHOT Cases

1. Is ground water contamination above the Ground Water Remediation Standards? ☐ Yes ☐ No

If "Yes," answer questions 2 and 3.

2. Has a potable well been identified within 100 feet of the contamination? ☐ Yes ☐ No

3. Have any potable wells been impacted? ☐ Yes ☐ No

If "Yes," has the NJDEP been notified? ☐ Yes ☐ No

SECTION F. PERSON RESPONSIBLE FOR CONDUCTING THE REMEDIATION INFORMATION AND CERTIFICATION

Full Legal Name of the Person Responsible for Conducting the Remediation: Revitalizing Auto Communities Environmentl

Representative First Name: Robert Representative Last Name: Hare

Title: Cleanup Manager

Telephone Number: (313) 486-2908 Ext.: _____ FAX: _____

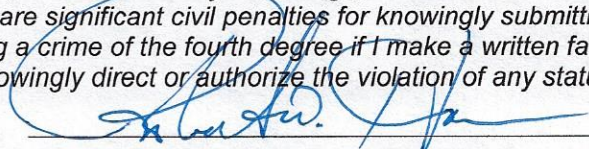
Mailing Address: 500 Woodward Avenue, Suite 2650

City/Town: Detroit State: Michigan Zip Code: 48226

Email Address: rhare@racertrust.org

This certification shall be signed by the person responsible for conducting the remediation who is submitting this notification in accordance with Administrative Requirements for the Remediation of Contaminated Sites rule at N.J.A.C. 7:26C-1.5(a).

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, including all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, to the best of my knowledge, I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of any statute, I am personally liable for the penalties.

Signature: 

Date: 5-6-2021

Name/Title: Robert W. Hare, P.E., Cleanup Manager

☐ Check this box if the person above is also the property owner of the site or their representative. If this person is not the site property owner, please ensure the site property owner's name and address is included in the DGW Proposal, and also indicate that the property owner has been informed about the proposed discharge.

SECTION G. LICENSED SITE REMEDIATION PROFESSIONAL INFORMATION AND STATEMENT

LSRP ID Number: 586486

First Name: Amy Last Name: Murphy

Phone Numbers: (973) 263-3900 Ext.: _____ Fax: _____

Mailing Address: 299 Cherry Hill Road, Suite 303

Municipality: Parsippany State: New Jersey Zip Code: 07054

Email Address: amurohy@haleyaldrich.com

This statement shall be signed by the LSRP who is submitting this notification in accordance with N.J.S.A. 58:10C-14, and N.J.S.A. 58:10B-1.3b(1) and (2).

(1) *I certify, as a Licensed Site Remediation Professional authorized pursuant to N.J.S.A. 58:10C-1 et seq. to conduct business in New Jersey, that for the remediation described in this submission, and all attachments included in this submission, I personally: Managed, supervised, or performed the remediation conducted at this site that is described in this submission, and all attachments included in this submission; and/or periodically reviewed and evaluated the work performed by other persons that forms the basis for the information in this submission; and/or completed the work of another site remediation professional, licensed or not, after having: (1) reviewed all available documentation on which I relied; (2) conducted a site visit and observed the then-current conditions and verified the status of as much of the work as was reasonably observable; and (3) concluded, in the exercise of my independent professional judgment, that there was sufficient information upon which to complete any additional phase of remediation and prepare workplans and reports related thereto.*

(2) *I certify:*

- *That I have read this submission and all attachments to this submission;*
- *That in performing the professional services as the licensed site remediation professional for the entire site or each area of concern, I adhered to the professional conduct standards and requirements governing licensed site remediation professionals provided in N.J.S.A. 58:10C-16;*
- *That the remediation conducted at the entire site or each area of concern, that is described in this submission and all attachments to this submission, was conducted pursuant to and in compliance with the remediation requirements in N.J.S.A. 58:10C-14.c;*
- *That the remediation described in this submission, and all attachments to this submission, was conducted pursuant to and in compliance with the regulations of the Site Remediation Professional Licensing Board at N.J.A.C. 7:26I; and*
- *That the information contained in this submission and all attachments to this submission is true, accurate, and complete.*

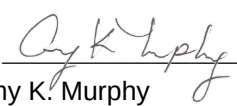
(3) *I certify, when this submission includes a response action outcome, that the entire site or each area of concern has been remediated in compliance with all applicable statutes, rules, and regulations and is protective of public health and safety and the environment.*

(4) *I certify that no other person is authorized or able to use any password, encryption method, or electronic signature that the Board or the Department have provided to me.*

(5) *I certify that I understand and acknowledge that:*

- *If I knowingly make a false statement, representation, or certification in any document or information I submit to the Department I may be subject to civil and administrative enforcement pursuant to N.J.S.A. 58:10C-17.a.1(a) through (f) by the Board, including but not limited to license suspension, revocation, or denial of renewal; and*
- *If I purposely, knowingly, or recklessly make a false statement, representation, or certification in any application, form, record, document or other information submitted to the Department or required to be maintained pursuant to the Site Remediation Reform Act, I shall be guilty, upon conviction, of a crime of the third degree and shall, notwithstanding the provisions of subsection b. of N.J.S.2C:43-3, be subject to a fine of not less than \$5,000 nor more than \$75,000 per day of violation, or by imprisonment, or both.*

(6) *I certify that I have read this certification prior to signing, certifying, and making this submission.*

LSRP Signature: 

Date: 5/12/2021

LSRP Name: Amy K. Murphy

Company Name: Haley & Aldrich, Inc.

SECTION G. SUBSURFACE EVALUATOR UST REPORT CERTIFICATION FORM

I certify under penalty of law that the work was performed under my oversight and I have reviewed the report and all attached documents, and the submitted information is true, accurate and complete in accordance with the requirements of N.J.A.C. 7:14B and N.J.A.C. 7:26E. I am aware that there are significant civil and criminal penalties for submitting false, inaccurate or incomplete information including fines and/or imprisonment.

Name: _____ UST Cert. No.: _____
Firm: _____ Firm's UST Cert. Number: _____
Firm Address: _____
City/Town: _____ State: _____ Zip Code: _____
Phone Number: _____ Ext: _____ Fax: _____
Signature: _____ Date: _____

Completed forms should be sent to:

Bureau of Case Assignment & Initial Notice
Site Remediation Program
NJ Department of Environmental Protection
401-05H
PO Box 420
Trenton, NJ 08625-0420

APPENDIX B
Safety Data Sheets

SAFETY DATA SHEET

Antimethanogenic Anaerobic Biostimulant
ERD-CH4™

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ERD-CH4™
GENERAL USE: Bioremediation of halogenated organics and metals

MANUFACTURER:

Provectus Environmental Products, Inc
2871 W. Forest Rd. #2
Freeport, IL 61032
(815) 650-2230

EMERGENCY TELEPHONE:

Within USA and Canada: 1-800-424-9300
+1 703-527-3887 (collect calls accepted)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Product is generally recognized as safe. May cause irritation exposure to eyes. Long term contact to skin may cause some drying and minor irritation.

3. COMPOSITION INFORMATION ON INGREDIENTS

Proprietary mixture of fatty acids, glycerol, vegetable oil and emulsifying agent.

4. FIRST AID MEASURES

EYES: Immediately flush with water for up to 15 minutes. If irritation persists, seek medical attention.

SKIN: Rinse with water. Irritation is unlikely, but if irritation occurs or persists, seek medical attention.

INGESTION: Generally safe to ingest but not recommended.

INHALATION: No first aid required.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Deluge with water

FIRE/EXPLOSION HAZARDS: Product is combustible only at temperatures above 600C

FIRE FIGHTING PROCEDURES: Use flooding with plenty of water, carbon dioxide or other inert gasses. Wear full protective clothing and self-contained breathing apparatus. Deluging with water is the best method to control combustion of the product.

FLAMMABILITY LIMITS: non-combustible

SENSITIVITY TO IMPACT: non-sensitive

SENSITIVITY TO STATIC DISCHARGE: non-sensitive

6. ACCIDENTAL RELEASE MEASURES

Confine and collect spill. Transfer to an approved DOT container and properly dispose. Do not dispose of or rinse material into sewer, stormwater or surface water. Discharge of product to surface water could result in depressed dissolved oxygen levels and subsequent biological impacts.

7. HANDLING AND STORAGE

HANDLING: Protective gloves and safety glasses are recommended.

STORAGE: Keep dry. Use first in, first out storage system. Keep container tightly closed when not in use. Avoid contamination of opened product. Avoid contact with reducing agents.

8. EXPOSURE CONTROLS – PERSONAL PROTECTION

EXPOSURE LIMITS

Chemical Name	ACGIH	OSHA	Supplier
ERD-CH4	NA	NA	NA

ENGINEERING CONTROLS: None are required

PERSONAL PROTECTIVE EQUIPMENT

EYES and FACE: Safety glasses recommended

RESPIRATOR: none necessary

PROTECTIVE CLOTHING: None necessary

GLOVES: rubber, latex or neoprene recommended but not required

9. PHYSICAL AND CHEMICAL PROPERTIES

Odor:	none to mild pleasant organic odor
Appearance:	milky
Auto-ignition Temperature	Non-combustible
Boiling Point	>600 C
Melting Point	NA

Density	0.90 gram/cc
Solubility	infinite
pH	7-9

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Do not contact with strong oxidizers

STABILITY: product is stable

POLYMERIZATION: will not occur

INCOMPATIBLE MATERIALS: strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS:

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

A: General Product Information

Acute exposure may cause mild skin and eye irritation.

B: Component Analysis - LD50/LC50

No information available.

B: Component Analysis - TDLo/LDLo

TDLo (Oral-Man) none

Carcinogenicity

A: General Product Information

No information available.

B: Component Carcinogenicity

Product is not listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

Epidemiology

No information available.

Neurotoxicity

No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Discharge to water may cause depressed dissolved oxygen and subsequent ecological stresses

Environmental Fate

No potential for food chain concentration

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Material is not considered hazardous, but consult with local, state and federal agencies prior to disposal to ensure all applicable laws are met.

14. TRANSPORT INFORMATION

NOTE: The shipping classification information in this section (Section 14) is meant as a guide to the overall classification of the product. However, transportation classifications may be subject to change with changes in package size. Consult shipper requirements under I.M.O., I.C.A.O. (I.A.T.A.) and 49 CFR to assure regulatory compliance.

US DOT Information

Shipping Name: Not Regulated

Hazard Class: Not Classified

UN/NA #: Not Classified

Packing Group: None

Required Label(s): None

50th Edition International Air Transport Association (IATA):

Not hazardous and not regulated

INTERNATIONAL MARITIME DANGEROUS GOODS (IMDG)

Material is not regulated under IMDG

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III

SECTION 311 No Hazard for Immediate health Hazard

SECTION 312 No Threshold Quantity

SECTION 313 Not listed

CERCLA NOT REGULATED UNDER CERCLA

TSCA NOT REGULATED UNDER TSCA

CANADA (WHIMS): NOT REGULATED

16. OTHER INFORMATION

HMIS:

Health	0
Flammability	0
Physical Hazard	0
Personal Protection	E

E: Safety Glasses, gloves



SAFETY DATA SHEET



1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Identifier: Wilclear Sodium Lactate 60% Solution
Other Name(s): sodium lactate
Recommended Use: In-situ Bioremediation
Recommended Restrictions: none known

Supplier Name: JRW Bioremediation, LLC
Address: 14321 W. 96th Terrace
Lenexa, KS 66215
Telephone: 913-438-5544
EMERGENCY Telephone: 800-779-5545 x 116 (Mon-Fri 9am-5pm CST)
913-961-6644 (afterhours)

2. HAZARD IDENTIFICATION

Health & Physical Hazards:

This product contains no substances in their current physical state that are considered to be hazardous to health and has a low order of toxicity. No acute or delayed symptoms or effects have been observed.

Flammability Hazards:

This is a Non-Flammable liquid

Reactivity Hazards:

This product is considered stable. There are no known physical or chemical hazards, incompatibilities, hazardous decomposition or byproducts.

OSHA Hazards:

L

This material is not considered hazardous by OSHA. No labels or signage are known to be required.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS #	% by Weight	Hazard Classification
Sodium lactate	72-17-3	60%	none
Water	7732-18-5	40%	none

4. FIRST-AID MEASURES

Inhalation:

Inhalation of mist may cause mild irritation of respiratory system. Move to fresh air.

Skin Contact:

In case of contact with skin, immediately wash with plenty of soap and water while removing contaminated clothing. Seek medical attention if skin Irritation develops or persists.

Eye Contact:

In case of contact with eyes, immediately flush eyes with water for at least 15 minutes, lifting eyelids to facilitate irrigation. Get medical attention if necessary.

Ingestion:

If swallowed, rinse mouth. Should symptoms occur, get medical attention.

Signs and symptoms of exposure:

None determined. Treat symptomatically.

Medical Conditions aggravated by exposure:

None determined. Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Water, carbon dioxide, foam, or dry chemical.

Unsuitable Extinguishing Media:

Do not use heavy water stream as it may spread or scatter.

Specific hazards from substance/mixture:

Thermal decomposition may lead to release of irritating or toxic gases and vapors.

General fire hazards:

No unusual fire or explosion hazards noted

Special protective equipment / precautions for fire-fighters:

Wear full protective clothing and positive pressure breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Methods and Materials for containment and clean up:

Contain spill with absorbent materials such as vermiculite or soil; shovel and place material in drum for disposal. Flush area with water. Surfaces may become slippery after spillage. Dispose of according to all local, state, and federal regulations at an approved waste treatment facility.

Personal precautions / Protective equipment:

Use personal protective equipment. Prevent spills, contamination, and leakage.

Environmental precautions:

No special environmental precautions required.

7. HANDLING AND STORAGE

Precautions for safe handling:

Observe good work and industrial hygiene practices. Use personal protective equipment. Avoid contact with skin, eyes, and clothing. Avoid breathing mists and vapors. Wash hands after use of this product. Do not eat, drink, or smoke while using product. Prevent spills, contamination, and leakage.

Conditions for safe storage, including any incompatibilities:

Keep container tightly closed. Keep in properly labeled containers. Store in a well ventilated, cool, dry area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:	No exposure or biological limits noted for ingredients(s).
----------------------------	--

Appropriate engineering controls:	Use adequate mechanical ventilation, especially in confined spaces. Local exhaust is recommended. Temperatures best kept below 200 ⁰ C or 390 ⁰ F.
--	---

Individual protection measures, such as Personal Protective Equipment (PPE):

Eye/Face protection:	Chemical goggles recommended.
Skin / hand / body protection:	Chemical resistant gloves recommended. Suitable protective clothing as defined by employer.
Respiratory protection:	None required under normal use.
General considerations:	Use good industrial hygiene and best safety practices. When using material, do not eat, drink, or smoke. Remove and wash any contaminated clothing before storage or re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear to light yellow
Physical state:	liquid
Odor:	slight to no odor
Odor threshold:	not applicable
pH:	6.0 - 8.5
Melting point/freezing point:	decomposes
Initial boiling point:	221°F
Closed cup Flash point:	not applicable
Evaporation rate:	not determined
Flammability (solid, gas):	not determined
Upper/lower flammability or explosive limits:	not determined
Vapor pressure (Mg Hg):	not determined
Vapor density (air = 1):	not determined
Density:	1320-1340 kg/m ³
Viscosity	100cP @ 20 ⁰
Molecular Weight:	112.07
Solubility in water:	soluble
Auto-ignition temperature:	not determined
Decomposition temperature:	>200 ⁰ C / >392 °F
Specific Gravity (H₂O = 1):	1.32 H ₂ O=1 @ 20°C

10. STABILITY AND REACTIVITY

Reactivity:	Non-reactive under conditions of normal use, storage & transport.
Chemical stability:	Stable under conditions of normal use, storage and transport.
Possibility of hazardous reactions:	
Conditions to avoid:	Temperatures above >200 ⁰ C / >392 °F
Incompatible materials:	None in particular.
Hazardous decomposition products:	None known.

11. TOXICOLOGICAL INFORMATION

No adverse health effects are expected if the product is used as intended and in accordance with this Safety Data Sheet.

- Inhalation:** No known effects but if symptoms are experienced, remove source of contamination or move to fresh air.
- Ingestion:** If swallowed, get medical attention.
- Skin:** In case of contact with skin, immediately wash with plenty of soap and water while removing contaminated clothing. No known effect but seek medical attention if skin irritation develops or persists.
- Eye contact:** In case of contact with eyes, immediately flush eyes with water for at least 15 minutes, lifting eyelids to facilitate irrigation. Get medical attention if necessary.

Signs & symptoms of exposure:

- Carcinogenicity:** Contains no known ingredient listed as carcinogen.
- Mutagenicity:** No known effect.
- Reproductive Toxicity:** No known effect.

12. ECOLOGICAL INFORMATION

- Ecotoxicity:** Product is not considered environmentally hazardous and is not expected to cause significant harm to aquatic, animal, or plant life.
- Persistence/degradability:** Readily biodegradable.
- Bioaccumulative potential:** Not expected to bioconcentrate or bioaccumulate.
- Mobility in soil:** No specific information available.

13. DISPOSAL CONSIDERATIONS

Disposal Methods:

Contain spill with absorbent materials such as clay or soil and shovel and place material in drum for disposal. Surfaces may become slippery after spillage. Dispose of according to all local, state, and federal regulations at an approved waste treatment facility.

14. TRANSPORTATION INFORMATION

DOT hazard class:	Not Applicable, non-regulated
Labeling:	Not Applicable
Proper Shipping Name:	Wilclear® Sodium Lactate 60% Solution
NMFC#:	46400.02
Class	70

15. REGULATORY INFORMATION

Restrictions on use: None.

Other regulations: No information available or not applicable.

16. OTHER INFORMATION

The information in this SDS summarizes to the best of our knowledge at the date of issue, the chemical health and safety hazards of this material and general guidance for safe handling, use, processing, storage, transportation, disposal, and release. This information is not intended to be considered a warranty or quality specifications. The information contained relates only to the specific material designated and may not be valid if used in conjunction with other materials or in any other processes other than intended use. If further clarification or information is required, please contact JRW Bioremediation.

1. PRODUCT IDENTIFICATION

TRADE NAME (AS LABELED):	SDC-9
SYNONYMS:	None known
CAS#:	Mixture
PRODUCT USE:	This product is used for soil and ground water remediation.
CHEMICAL SHIPPING NAME/CLASS:	Non-Regulated Material
U.N. NUMBER:	None
MANUFACTURER'S NAME:	CB&I
ADDRESS:	17 Princess Road, Lawrenceville, NJ 08648
BUSINESS PHONE:	1-609-895-5340
SUPPLIER'S NAME:	RNAS Remediation Products
ADDRESS:	6712 West River Road, Brooklyn Center, MN 55430
BUSINESS PHONE:	1-763-585-6191
EMERGENCY PHONE:	1-800-424-9300 (Chemtrec 24 Hr Service – Emergency Only)
DATE OF CURRENT REVISION:	April 22, 2016
DATE OF LAST REVISION:	New

2. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: This product is a light greenish murky liquid with a musty odor.

Health Hazards: Not expected to cause adverse health effects when used as intended. Prolonged or repeated exposure may cause irritation to skin. May cause irritation to eyes upon contact. Inhalation of vapors/sprays or mist may cause respiratory irritation. Ingestion of large amounts of this product may cause gastrointestinal irritation.

Flammability Hazards: This product is a Non-Flammable liquid.

Reactivity Hazards: None known

Environmental Hazards: The Environmental effects of this product have not been investigated. Release of this product is not anticipated to have significant adverse effects in the aquatic environment.

US DOT SYMBOLS

Non-Regulated Material

CANADA (WHMIS) SYMBOLS

Complies with WHMIS 2015

EUROPEAN and (GHS) Hazard Symbols

None

Signal Word: **None**

GHS LABELING AND CLASSIFICATION:

This product does not meet the definition of a hazardous substance or preparation as defined by 29CFR 1910.1200 or the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

EU HAZARD CLASSIFICATION OF INGREDIENTS PER DIRECTIVE 1272/2008/EC:

None of the ingredients are listed in Annex VI

Substances not listed either individually or in group entries must be self classified.

Component(s) Contributing to Classification(s)

All Ingredients

GHS Hazard Classification(s):

None known

Hazard Statement(s):

None known

Precautionary Statement(s):

None known

HEALTH HAZARDS OR RISKS FROM EXPOSURE:

SYMPTOMS OF OVEREXPOSURE BY ROUTE OF EXPOSURE: The most significant routes of overexposure for this product are by contact with skin or eyes, inhalation of vapors and ingestion. The symptoms of overexposure are described below.

ACUTE:

INHALATION: Not expected to cause adverse health effects when used as intended. Inhalation of vapors/mist/spray may cause respiratory irritation.

CONTACT WITH SKIN: Not expected to cause adverse health effects when used as intended. Prolonged and repeated contact may cause irritation to skin.

EYE CONTACT: Direct eye contact can cause irritation with redness, tearing and blurred vision.

INGESTION: Under normal conditions of intended use, this material is not expected to be an ingestion hazard. Ingestion of large quantities may cause gastrointestinal irritation, nausea and vomiting.

CHRONIC: None known

TARGET ORGANS: **Acute:** Skin, Respiratory System and Eyes **Chronic:** None known

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Ingredients:	WT%	CAS#	EINECS #	GHS Hazard Classification(s)
Non-toxic, naturally occurring, non-pathogenic, non-genitically altered anaerobic microbes in a water-based medium	100%	Not available	Not available	None
Balance of other ingredients is less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).				

NOTE: This product has been classified in accordance with the hazard criteria of 29CFR1910.1200 and the SDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard JIS Z 7250: 2000.

4. FIRST-AID MEASURES

EYE CONTACT: If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation persists.

SKIN CONTACT: Wash skin thoroughly with soap and water after handling. Seek medical attention if irritation develops and persists.

INHALATION: If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

INGESTION: If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known

RECOMMENDATIONS TO PHYSICIANS: Treat symptoms and eliminate overexposure.

5. FIRE-FIGHTING MEASURES

FLASH POINT: Non-Flammable

AUTOIGNITION TEMPERATURE: Not Available

FLAMMABLE LIMITS (in air by volume, %): Lower NA Upper NA

FIRE EXTINGUISHING MATERIALS: Use fire extinguishing methods below:

Water Spray: Yes

Carbon Dioxide: Yes

Foam: Yes

Dry Chemical: Yes

Halon: Yes

Other: Any "C" Class

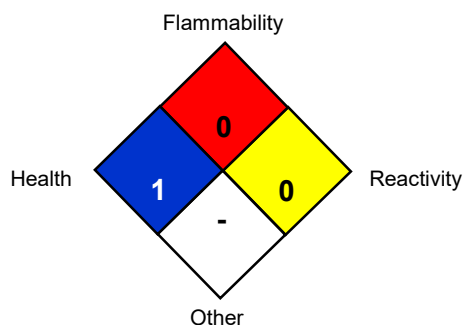
UNUSUAL FIRE AND EXPLOSION HAZARDS: Not considered a fire or explosion hazard.

Explosion Sensitivity to Mechanical Impact: No

Explosion Sensitivity to Static Discharge: No

SPECIAL FIRE-FIGHTING PROCEDURES: Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

NFPA RATING SYSTEM



HMIS RATING SYSTEM

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
HEALTH HAZARD (BLUE)			1
FLAMMABILITY HAZARD (RED)			0
PHYSICAL HAZARD (YELLOW)			0
PROTECTIVE EQUIPMENT			
EYES	RESPIRATORY	HANDS	BODY
	See Sect 8		See Sect 8
For Routine Industrial Use and Handling Applications			

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

6. ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK RESPONSE: Stop the flow of material, if this can be done safely. Contain discharged material. Absorb spill using an absorbent, non-combustible material such as earth, sand, or vermiculite. Place in a proper container for disposal. Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and those of Canada and its Provinces, those of Australia, Japan and EU Member States (see Section 13, Disposal Considerations).

7. HANDLING and STORAGE

WORK PRACTICES AND HYGIENE PRACTICES: As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Use good hygiene practices.

STORAGE AND HANDLING PRACTICES: Store in original container. Keep container closed when not in use. Store in a cool, dry location. Avoid freezing or extended storage in high temperatures and away from incompatible materials. Do not exceed pressure of 15 psi during transfer of SDC-9 from kegs. Don't open keg when contents are under pressure.

8. EXPOSURE CONTROLS - PERSONAL PROTECTION

Chemical Name	CAS#	ACGIH TLV	OSHA TWA
Non-toxic, naturally occurring, non-pathogenic, non-genetically altered anaerobic microbes in a water-based medium	Not available	Not Listed	Not Listed

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

RESPIRATORY PROTECTION: Not required when using this product. Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

EYE PROTECTION: Safety glasses or goggles are recommended to avoid eye contact. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

SKIN PROTECTION: Wear impervious gloves for prolonged or repeated exposure as appropriate to task when using this product. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

BODY PROTECTION: Use body protection appropriate to task being performed. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

9. PHYSICAL and CHEMICAL PROPERTIES

APPEARANCE (Physical State) and COLOR: This product is a light greenish murky liquid with a musty odor.

ODOR: Musty odor

ODOR THRESHOLD: Not Applicable

pH: 6.0 – 8.0

MELTING/FREEZING POINT: 0°C (water)

BOILING POINT: 100°C (water)

FLASH POINT: Not Available

EVAPORATION RATE (n-BuAc=1): 0.9-1.1

FLAMMABILITY (SOLID, GAS): Not Applicable

UPPER/LOWER FLAMMABILITY OR EXPLOSION LIMITS: Not Available

VAPOR PRESSURE (mm Hg @ 20°C (68°F): 24mm Hg (water)

VAPOR DENSITY: Not Available

SPECIFIC GRAVITY: 0.9-1.1

SOLUBILITY IN WATER: Soluble in water

WEIGHT PER GALLON: 7.5 – 9.2 lbs/gal

PARTITION COEFFICIENT (n-octanol/water): Not Available

AUTO-IGNITION TEMPERATURE: Not Available

DECOMPOSITION TEMPERATURE: Not Available

VISCOSITY: Not Available

10. STABILITY and REACTIVITY

STABILITY: Stable under conditions of normal storage and use.

HAZARDOUS DECOMPOSITION PRODUCTS: None

MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE: Water-reactive materials.

POSSIBILITY OF HAZARDOUS REACTIONS: Will not occur.

CONDITIONS TO AVOID: None

11. TOXICOLOGICAL INFORMATION

TOXICITY DATA:

No LD50 Data available for this product.

*Note: This product has tested negative for pathogenic microorganisms such as bacillus cereus, listeria monocytogens, salmonella sp., fecal coliform, total coliform, yeast and mold and pseudomonas sp.

SUSPECTED CANCER AGENT: Ingredients within this product are not found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are not considered to be, nor suspected to be, cancer-causing agents by these agencies.

IRRITANCY OF PRODUCT: No specific data available

SENSITIZATION TO THE PRODUCT: This product is not a skin and respiratory sensitizer

REPRODUCTIVE TOXICITY INFORMATION: No information concerning the effects of this product and its components on the human reproductive system.

12. ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

TOXICITY DATA:

No data available for this product.

ENVIRONMENTAL STABILITY: This material will degrade in the environment.

CHEMICAL EFFECT ON PLANTS, ANIMALS AND AQUATIC LIFE: This product is not expected to cause significant harm to plants, animals or aquatic life.

WATER ENDANGERMENT CLASS: Water endangering in accordance with EU Guideline 91/155-EWG – Not Determined.

SPECIFIC AVAILABLE COMPONENT INFORMATION: No additional data available at this time.

13. DISPOSAL CONSIDERATIONS

PREPARING WASTES FOR DISPOSAL: Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan. To permanently inactivate microorganisms and reduce odors, mix 100 parts SDC-9 with 1 part bleach.

EU Waste Code: Not determined

14. TRANSPORTATION INFORMATION

US DOT, IATA, IMO, ADR:

U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS: This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.

PROPER SHIPPING NAME: Non-Regulated Material

HAZARD CLASS NUMBER and DESCRIPTION: None

UN IDENTIFICATION NUMBER: None

PACKING GROUP: NA

DOT LABEL(S) REQUIRED: None

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER: None

RQ QUANTITY: None

MARINE POLLUTANT: The components of this product are not designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).

INTERNATIONAL AIR TRANSPORT ASSOCIATION SHIPPING INFORMATION (IATA): This product is not considered as dangerous goods.

INTERNATIONAL MARITIME ORGANIZATION SHIPPING INFORMATION (IMO): This product is not considered as dangerous goods.

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR): This product is not considered by the United Nations Economic Commission for Europe to be dangerous goods.

15. REGULATORY INFORMATION

UNITED STATES REGULATIONS:

U.S. SARA REPORTING REQUIREMENTS: The components of this product are subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act as follows: None

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for the components of this product. The default Federal SDS submission and inventory requirement filing threshold of 10,000 lbs (4,540 kg) therefore applies, per 40 CFR 370.20.

U.S. CERCLA REPORTABLE QUANTITY (RQ): None

U.S. TSCA INVENTORY STATUS: The components of this product are listed on the TSCA Inventory or are exempted from listing.

OTHER U.S. FEDERAL REGULATIONS: None

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): Ingredients within this product are not on the Proposition 65 Lists.

CANADIAN REGULATIONS:

CANADIAN DSL/NDL INVENTORY STATUS: The components of this product are on the DSL Inventory, or are exempted from listing.

OTHER CANADIAN REGULATIONS: Not applicable.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by those regulations.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS: Complies with WHMIS 2015

EUROPEAN ECONOMIC COMMUNITY INFORMATION:

This product does not meet the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

See Section 2 for Details

AUSTRALIAN INFORMATION FOR PRODUCT: The components of this product are listed on the International Chemical Inventory list.

JAPANESE INFORMATION FOR PRODUCT:

JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS: The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

JAPANESE ENCS INVENTORY: The components of this product are on the ENCS Inventory as indicated in the section on International Chemical Inventories, below.

POISONOUS AND DELETERIOUS SUBSTANCES CONTROL LAW: No component of this product is a listed Specified Poisonous Substance under the Poisonous and Deleterious Substances Control Law.

INTERNATIONAL CHEMICAL INVENTORIES:

Listing of the components on individual country Chemical Inventories is as follows:

Asia-Pac: Listed or Exempt from listing

Australian Inventory of Chemical Substances (AICS): Listed or Exempt from listing

Korean Existing Chemicals List (ECL): Listed or Exempt from listing

Japanese Existing National Inventory of Chemical Substances (ENCS): Listed or Exempt from listing

Philippines Inventory of Chemicals and Chemical Substances (PICCS): Listed or Exempt from listing

Swiss Giftlist List of Toxic Substances: Listed or Exempt from listing

U.S. TSCA: Listed

16. OTHER INFORMATION

ABBREVIATIONS AND ACRONYMS:

EPA: United States Environmental Protection Agency

ARD: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

PREPARED BY: Chris Eigbrett – (**MSDS to GHS Compliance**)

DATE OF PRINTING: April 22, 2016

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. Remediation and Natural Attenuation Services Inc. assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, Remediation and Natural Attenuation Services Inc. assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.

END OF SDS SHEET

APPENDIX C

Public Notification

Public Notice

Take notice that, as part of the remediation of Former Delphi Interior and Lighting Systems Division, and now known in NJDEP records as Ewing Township Industrial Land at 1445 Parkway Avenue, Block: 343, Lot: 1.01, in Ewing Township, Mercer County, a proposal has been submitted to the New Jersey Department of Environmental Protection (Department) to discharge to ground water in accordance with a permit issued pursuant to the provisions of the New Jersey Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq., its implementing regulations the New Jersey Pollutant Discharge Elimination System, N.J.A.C. 7:14A; the Ground Water Quality Standards, N.J.A.C. 7:9C; and the Technical Requirements for Site Remediation, N.J.A.C. 7:26E. The Department's Site Remediation Program is reviewing the proposal to discharge to ground water for the purpose of remediating a contaminated site with the program interest # 011336.

Brief description of the proposed discharge: The proposed remedial action will address dissolved-phase chlorinated volatile organic compounds via in-situ enhanced reductive dechlorination, along with hexavalent chromium present in groundwater at the Site. The treatment will be implemented utilizing permanent onsite monitoring wells. Temporary groundwater recirculation will be completed to distribute electron donor substrate and bioaugmentation culture into the groundwater within the bedrock between 60-150 feet below ground surface at the 1445 Parkway Avenue property. A copy of this public notice has been sent to the Municipal Clerk and designated local health official for Ewing Township and Mercer County.

A copy of the discharge to ground water proposal is available from the person responsible for conducting the remediation Revitalizing Auto Communities Environmental Response Trust, 1505 Woodward Ave. Suite 200, Detroit, Michigan 48226 (Attention Robert Hare), or as part of the administrative record which is on file at the offices of the Department, Site Remediation Program, located at 401 East State Street, Trenton, Mercer County, New Jersey. The file may be reviewed under the New Jersey Open Public Records Act ("OPRA"), N.J.S.A. 47:1A-1 et seq. Information regarding the OPRA procedures is available at www.state.nj.us/dep/opra/oprainfo.html.

Interested persons may submit written comments regarding the discharge to ground water proposal to the Department at the address listed below and to the Licensed Site Remediation Professional, Amy K. Murphy at Haley & Aldrich, Inc. 299 Cherry Hill Road, Suite 303, Parsippany, New Jersey 07054. All comments shall be submitted within 30 calendar days after the date of this public notice, or the end of any public hearing that the Department may schedule that occurs after that date. All persons who believe that the discharge to ground water proposal is inappropriate, must raise all reasonably ascertainable issues and submit in writing to the Department all reasonably available arguments and factual grounds supporting their position, including all supporting material, by the close of the public comment period. The Department will consider all public comments that relate to the discharge to ground water proposal, provided that the Department receives the comments by the close of the public comment period. After the close of the public comment period, the Department will render a decision regarding the proposed discharge to ground water.

The Department will respond to all significant and timely comments with its decision regarding the discharge to ground water proposal. Each person who has submitted written comments will receive notice of the Department's decision.

Any person may request in writing that the Department hold a non-adversarial public hearing on the discharge to ground water proposal. This request shall state the nature of the issues to be raised in the

proposed hearing and shall be submitted within 30 calendar days of the date of this public notice to the address cited below. A public hearing will be conducted whenever the Department determines that there is a significant degree of public interest in the discharge to ground water decision. If a public hearing is held, the public comment period in this notice shall automatically be extended to the close of the public hearing.

Comments and written requests for a non-adversarial public hearing shall be sent to:

NJ Department of Environmental Protection
Site Remediation Program
Bureau Case Assignment and Initial Notice
Mail Code 401-05H
401 East State Street
P.O. Box 420
Trenton, NJ 08625-0420
ATTN: DGW proposal



State of New Jersey,) ss

County of Middlesex)

LISA ARRINGTON being duly sworn, deposes that he/she is principal clerk of NJ Advance Media; that Star Ledger is a public newspaper, with general circulation in Atlantic, Burlington, Cape May, Essex, Hudson, Hunterdon, Mercer, Middlesex, Monmouth, Morris, Ocean, Passaic, Somerset, Sussex, Union, and Warren Counties, and this notice is an accurate and true copy of this notice as printed in said newspaper, was printed and published in the regular edition and issue of said newspaper on the following date(s):

Star Ledger 05/15/2021

Principal Clerk of the Publisher

Sworn to and subscribed before me this 19th day of May 2021

Notary Public

CHERYLYN ALSTON
Notary Public, State of New Jersey
My Commission Expires
October 18, 2024

Public Notice

Take notice that, as part of the remediation of Former Delphi Interior and Lighting Systems Division, and now known in NJDEP records as Ewing Township Industrial Land at 1445 Parkway Avenue, Block: 343, Lot: 1.01, in Ewing Township, Mercer County, a proposal has been submitted to the New Jersey Department of Environmental Protection (Department) to discharge to ground water in accordance with a permit issued pursuant to the provisions of the New Jersey Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq., its implementing regulations the New Jersey Pollutant Discharge Elimination System, N.J.A.C. 7:14A; the Ground Water Quality Standards, N.J.A.C. 7:9C; and the Technical Requirements for Site Remediation, N.J.A.C. 7:26E. The Department's Site Remediation Program is reviewing the proposal to discharge to ground water for the purpose of remediating a contaminated site with the program interest # 011336.

Brief description of the proposed discharge: The proposed remedial action will address dissolved-phase chlorinated volatile organic compounds via in-situ enhanced reductive dechlorination, along with hexavalent chromium present in groundwater at the Site. The treatment will be implemented utilizing permanent onsite monitoring wells.

Temporary groundwater recirculation will be completed to distribute electron donor substrate and bioaugmentation culture into the groundwater within the bedrock between 60-150 feet below ground surface at the 1445 Parkway Avenue property. A copy of this public notice has been sent to the Municipal Clerk and designated local health official for Ewing Township and Mercer County.

A copy of the discharge to ground water proposal is available from the person responsible for conducting the remediation Revitalizing Auto Communities Environmental Response Trust, 1505 Woodward Ave. Suite 200, Detroit, Michigan 48226 (Attention Robert Hare), or as part of the administrative record which is on file at the offices of the Department, Site Remediation Program, located at 401 East State Street, Trenton, Mercer County, New Jersey. The file may be reviewed under the New Jersey Open Public Records Act ("OPRA"), N.J.S.A. 47:1A-1 et seq. Information regarding the OPRA procedures is available at www.state.nj.us/dep/opra/oprainfo.html.

Interested persons may submit written comments regarding the discharge to ground water proposal to the Department at the address listed below and to the Licensed Site Remediation Professional, Amy K. Murphy at Haley & Aldrich, Inc. 299

Cherry Hill Road, Suite 303, Parsippany, New Jersey 07054. All comments shall be submitted within 30 calendar days after the date of this public notice, or the end of any public hearing that the Department may schedule that occurs after that date. All persons who believe that the discharge to ground water proposal is inappropriate, must raise all reasonably ascertainable issues and submit in writing to the Department all reasonably available arguments and factual grounds supporting their position, including all supporting material, by the close of the public comment period. The Department will consider all public comments that relate to the discharge to ground water proposal, provided that the Department receives the comments by the close of the public comment period. After the close of the public comment period, the Department will render a decision regarding the proposed discharge to ground water.

The Department will respond to all significant and timely comments with its decision regarding the discharge to ground water proposal. Each person who has submitted written comments will receive notice of the Department's decision.

Any person may request in writing that the Department hold a non-adversarial public hearing on the discharge to ground water proposal.

discharge to ground water proposal. This request shall state the nature of the issues to be raised in the proposed hearing and shall be submitted within 30 calendar days of the date of this public notice to the address cited below. A public hearing will be conducted whenever the Department determines that there is a significant degree of public interest in the discharge to ground water decision. If a public hearing is held, the public comment period in this notice shall automatically be extended to the close of the public hearing.

Comments and written requests for a non-adversarial public hearing shall be sent to:

NJ Department of Environmental
Protection
Site Remediation Program
Bureau Case Assignment and Initial
Notice
Mail Code 401-05H
401 East State Street
P.O. Box 420
Trenton, NJ 08625-0420
ATTN: DGW proposal
5/15/21 \$234.05