RAMBOLL

ENVIRONMENT
& HEALTH

Transmitted via email

Mr. Brian Zuber
Senior Environmental Quality Analyst
Emerging Pollutants Section, WRD
Department of Environment, Great Lakes, and Energy
PO Box 30473
Lansing, MI 48909-7974

Ms. Nicole Sanabria & Ms. Christina Hebert
Geologist and Environmental Quality Analyst
Materials Management Division
Department of Environment, Great Lakes, and Energy
PO Box 30241
Lansing, MI 48909-7741

RE: Corrective Action Plan – South and West of Site Storm Sewer Evaluation Update
Coldwater Road Site
6220 Horton Street, Mount Morris, MI
MID 005 356 860

Date August 1, 2025

Dear Mr. Zuber, Ms. Sanabria, & Ms. Hebert:

On behalf of Revitalizing Auto Communities Environmental Response (RACER) Trust, Ramboll Americas Engineering Solutions, Inc. (Ramboll) presents the following summary of the recent sewer inspection and the sampling results gathered from storm sewers located to the south and west of the RACER Coldwater Road Facility at 6220 Horton Street, Mount Morris, Genesee County, Michigan (Site).

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Additional sample collection was completed to provide further information to the South of Site Evaluation Letter and Task 1 of the June 3, 2022, Corrective Action Plan (CAP) submitted to the Michigan Department of Environmental, Great Lakes, and Energy (EGLE) Water Resources Division, via MiEnviro to address Violation Notice (No. VN-012757) dated May 4, 2022.

The evaluation was also conducted in response to the analytical results from per- and polyfluoroalkyl substances (PFAS), specifically perfluorooctanesulfonic acid (PFOS), samples collected on September 22, 2021, by EGLE along the Cornwell Drain.

This letter provides a summary of the additional sample collection information related to the storm sewer system along the southern boundary of the Site, east of the middle entry drive and south of Coldwater Road. It also summarizes the results collected west of the Site from the storm sewer line along the eastern side of Saginaw Road. Additionally, the letter includes a summary of the storm sewer CCTV camera inspection and storm water inspection conducted during the sample collection. The storm water matrix and figure are included in **Appendix A**.

Storm water inspections have been completed quarterly since August 2019 to monitor the corrective measures performed to the storm water system to mitigate the discharge from the Site of PFAS-impacted water via storm sewers.

During the storm water inspection conducted on June 19, 2025, no dripping water was observed from the plugs at MH-10E, SS-02, and the plugged clay tile pipe within the SS-02 manhole. These observations indicate that previous plugging efforts continue to prevent discharges of PFAS-impacted water. Additionally, no flow was observed from the Site in manhole MH-17A, demonstrating that the previous activities to plug the sewer line and seal the section of storm sewer between manholes MH-16 (east of MH-17A) and MH-17A continue to prevent the discharge of PFAS-impacted water.

During the stormwater inspection, flow was observed in manhole MH-18 due to the operation of the temporary PFAS treatment system to the Western Pond.

Sample Collection

On June 19, 2025, eight storm water samples were collected from the storm water system south of the southern Site boundary. MW-10E-W, SS-14, SS-13, SS-23, and SS-24 were collected along Coldwater Road near the southern Site boundary. SS-12, SS-15, and SS-16 were collected along Harry Street south of Coldwater Road from storm water flowing away from the Site (**Figure 1**). A storm water sample was also collected from SS-10 (see **Figure 2** for SS-10 sample location) from the storm sewer line along the eastern side of Sagin Road west of Site, which was part of the lining activities. This location is sampled to further evaluate the effectiveness of the lining activities.

Prior to collecting the samples for the events there was approximately 1.77 inches of precipitation on June 19, 2025 in the area. The precipitation was measured by an onsite weather station.

The sample location SS-11 on East Kurtz Avenue west of Harry Street (and EGLE's CD-10 sample location) had no flow or standing water and was not sampled. A portable flow meter was used to estimate the flow rate at sample locations SS-12, SS-14, SS-15, SS-16, and SS-24. The approximate flow rates are listed in the table below:

LOCATION	ESTIMATED FLOW RATE (GPM)
Flow from North to South	
SS-12	42
SS-15	46
SS-16	156
Flow from West into SS-02	
SS-14	15.5
Flow from East into SS-02	
SS-24	16

The sample collection was completed following the protocols set forth in the EGLE Michigan PFAS Action Response Team (MPART) Surface Water PFAS Sampling Guidance dated October 2022 and Ramboll's PFAS Sampling Field Guidance Document Number 1.07.

Samples were collected either by using the direct sampling method of collecting the water directly into the sample container or by using a peristaltic pump and high-density polyethylene tubing that was weighted down with a stainless-steel weight and lowered into the manhole.

The samples were labeled, packed on ice, and shipped via courier under routine chain-of-custody protocols to Merit Laboratories, Inc. (Merit) of East Lansing, Michigan.

Analytical Results

The storm water samples were analyzed for PFAS by method ASTMD7979-19 (no preservative). The analytical results for the recent storm water samples and historical storm water samples collected south of the Site are summarized in **Table 1**, the samples collected west of the Site are summarized in **Table 2**, and the analytical laboratory report is included in **Appendix B**.

During the June 19, 2025 sampling event, the following samples collected along Harry Street from storm water flowing away from the Site contained PFOS concentrations above the October 12, 2023 Part 201 Groundwater Generic Cleanup Criteria and Screening Levels, as well as the Rule 57 Surface Water Quality Value of 12 ng/l for PFOS: SS-12 (330 ng/l PFOS), SS-15 (180 ng/l PFOS), and SS-16 (140 ng/l PFOS). Additionally, storm water samples collected along Coldwater Road near the southern Site boundary contained PFOS concentrations above 12 ng/l: SS-13 (100 ng/l PFOS), SS-23 (250 ng/l PFOS), and SS-24 (530 ng/l PFOS). The sample from MH-10E-W contained a PFOS concentration of 6.5 ng/l.

A field blank sample was not collected during this sampling event.

The PFOS concentrations at SS-16 and SS-24 decreased compared to the last sampling, while concentrations at SS-12, SS-13, and SS-23 increased. MH-10E-W and SS-14 remained the same as in the previous sampling event. The results were similar to those from the March 2025 sampling event, except for SS-12, SS-13, and SS-23, which showed an increase compared to historical results. During sampling, it was difficult to determine if there was flow coming from the outlet where SS-13 is collected. The sample collected more accurately represents a composite of what was flowing into the manhole.

The PFOS concentration at SS-10 collected along Saginaw Road west of the Site was 86 ng/l, which is an increase compared to historical post-lining sample results which was completed in December 2021.

Sewer Inspection Findings

Due to the observed increase PFOS concentration in SS-23 and new location SS-24, a closed-circuit television (CCTV) camera inspection of the storm sewer along Coldwater Road was conducted on June 8, 2025. This inspection aimed to evaluate where PFAS might be entering the municipal storm sewer east of the SS-02 manhole.

Overall, the storm sewers east of manhole SS-02 were observed to be in good condition. In the storm sewer line running between sample location manholes SS-13 to SS-24, an “infiltration runner” was observed approximately 46 feet to the east of the SS-24 sample location manhole.

Conclusions and Recommendations

Given the elevated PFOS concentrations reported for sampling location SS-24 and the observed “infiltration runner” east (upstream) of sample location manhole SS-24, we recommend using cured-in-place pipe lining (CIPP) techniques to line the required section of sewer. Immediately prior to lining, the sewer will be isolated from use, inspected again using CCTV techniques, and cleaned to ensure a suitable surface for the lining process. The liner will consist of a fiberglass tube with a thickness ranging from 3 mm to 3.8 mm, saturated with a viscous (liquid) thermosetting resin. The liner will be uniformly

impregnated with resin, installed and properly positioned within the existing sewer pipe, and the liner will be expanded against the inside surface of the existing pipe. The resin will be transformed into a solid state through a thermosetting process, which can take two or more hours to complete. This repair is intended to reduce PFOS concentrations in the sewer downstream from this point.

Prior to starting work, any necessary permits will be obtained from the Genesee County Road Commission (sewer owner).

A small trickle of water was observed flowing down the Site entrance drive and into a catch basin in the northern part of Coldwater Road that drains into sampling manhole SS-24. The trickle of flow was traced back and was apparently emerging from a former sanitary sewer associated with the former plant administrative building. As a precautionary measure to alleviate the apparent hydraulic pressure and water emerging from the former sanitary sewer, we recommend exposing the sewer with an excavator, breaching the sewer, and plugging the sewer by filling the upstream (northward section of the sewer) with hydraulic cement. Finally, the ground surface will be restored to its original condition. Please refer to attached **Figure 1** for the proposed repair location.

We propose to collect another round of samples from sample location SS-10 west of the Site, and from sample locations SS-12, SS-13, SS-14, SS-15, SS-16, MH-10E-W, SS-23, and SS-24 in September 2025. An update similar to this one will be provided within approximately four weeks of receipt of the analytical results from the laboratory.

The repairs are currently being scheduled with a contractor. Unless EGLE objects we will schedule and complete the work as soon as a contractor is available (hopefully before the sampling scheduled for September) and will keep EGLE informed of the timeline and any changes that may occur throughout this process.

Please contact me at clifford.yantz@ramboll.com or Brendan Mullen with RACER at bmullen@racertrust.org or 201-247-4890, if you have any questions.

Yours sincerely,

RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC.

Clifford Yantz
Project Manager
1943864 - MIDWEST EAST Resources 056

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cc:

Brendan Mullen (RACER Trust)
David Favero (RACER Trust)
Kevin Schneider (Ramboll)
EGLE MMD-HWS Electronic Mailbox

Enclosures:

Table 1 – South of Site Storm Water PFAS Sample Results
Table 2 – West of Site Storm Water PFAS Sample Results
Figure 1 – Storm Water Sewers – Horton Street to Dort Highway
Figure 2 – Storm Water Sewers – West of Site
Appendix A – Storm Water Monitoring Matrix and Figure
Appendix B – Analytical Laboratory Report

TABLES

TABLE 1
RACER Trust - Coldwater Road Peregrine Facilities
Per-and Polyfluoroalkyl Substances Sampling Results - Storm Water Samples South Portion of Site

Coldwater Road - Storm Water Samples - South Portion of Site

Perfluorinated Compound / Well/Sample ID: / Sample Date:	EGLE Part 201 Generic Cleanup Criteria and Screening Levels GSI	SS-02 (Storm Sewer)	SS-02 (DUP-1) (Storm Sewer)	SS-02 (Storm Sewer)	SS-04 (Storm Sewer)	SS-DUP-2/SS-04 (Storm Sewer)	SS-08 (Storm Sewer)	SS-11 (Storm Water)
		11/12/2018	11/12/2018	12/21/2021	3/19/2020	3/19/2020	8/28/2020	4/14/2022
	Precipitation Inches	0.0"	0.0"	0.0"	0.01"	0.01"	1.58"	0.0"
Perfluorobutanoic Acid (PFBA)	--	**20**	**20**	**13**	<100	<100	<10	<9.8
Perfluoropentanoic Acid (PFPeA)	--	<10	<10	**6.1**	<10	<10	<4.1	<3.9
4:2 Fluorotelomer Sulfonic Acid (4:2 FTSA)	--	<10	<10	<2.1	<10	<10	<2.1	<2.0
Perfluorohexanoic Acid (PFHxA)	--	**10**	**10**	**4.5**	<10	<10	<2.1	<2.0
Perfluorobutane Sulfonic Acid (PFBS)	**670,000**	<10	<10	**3.1**	<10	<10	<2.1	**82**
Perfluoroheptanoic Acid (PFHpA)	--	<10	<10	**2.2**	<10	<10	<2.1	<2.0
Perfluoropentane Sulfonic Acid (PFPeS)	--	<10	<10	<2.1	<10	<10	<2.1	<2.0
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	--	<10	<10	<4.2	<10	<10	<2.1	<2.0
Perfluorooctanoic Acid (**PFOA**)	**170**	**20**	**20**	**4.8**	<10	<10	**1.9 J**	<2.0
Perfluorohexane Sulfonic Acid (PFHxS)	**210**	**20**	**20**	**3.7**	<10	<10	<2.1	<2.0
Perfluorohexane Sulfonic Acid - LN (PFHxS-LN)	--	**20**	**20**	**2.8**	<10	<10	<2.1	<2.0
Perfluorohexane Sulfonic Acid - BR (PFHxS-BR)	--	<10	<10	<2.1	<10	<10	<2.1	<2.0
Perfluorononanoic Acid (PFNA)	**30**	<10	<10	<2.1	<10	<10	<2.1	<2.0
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	--	<10	<10	<4.2	<10	<10	<2.1	<2.0
Perfluoroheptane Sulfonic Acid (PFHpS)	--	**10**	<10	<2.1	<10	<10	<2.1	<2.0
Perfluorodecanoic Acid (PFDA)	--	<10	<10	<2.1	<10	<10	<2.1	<2.0
N-methyl Perfluorooctanesulfonamidoacetic Acid (N-MeFOSAA)	--	<10	<10	<2.1	<10	<10	<2.1	<2.0
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	--	<10	<10	<4.2	<10	<10	<4.1	<3.9
Perfluorooctane Sulfonic Acid (**PFOS**)	**12**	**1520**	**1250**	**86**	<10	<10	**7.3**	**4.8**
Perfluorooctane Sulfonic Acid (**PFOS**-LN)	--	**1160**	**950**	**62**	<10	<10	**4.1**	<2.0
Perfluorooctane Sulfonic Acid (**PFOS**-BR)	--	**380**	**280**	**24**	<10	<10	**2.8**	**4.1**
Perfluoroundecanoic Acid (PFUnDA)	--	<10	<10	<2.1	<10	<10	<2.1	<2.0
Perfluorononane Sulfonic Acid (PFNS)	--	<10	<10	<2.1	<10	<10	<2.1	<2.0
Perfluorododecanoic Acid (PFDoDA)	--	<10	<10	<2.1	<10	<10	<2.1	<2.0
Perfluorodecane Sulfonic Acid (PFDS)	--	<10	<10	<2.1	<10	<10	<2.1	<2.0
Perfluorotridecanoic Acid (PFTrDA)	--	<10	<10	<2.1	<10	<10	<2.1	<2.0
Perfluorooctane Sulfonamide (FOSA)	--	<10	<10	<2.1	<10	<10	<2.1	<2.0
Perfluorotetradecanoic Acid (PFTeDA)	--	<10	<10	<4.2	<10	<10	<4.1	<3.9
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	--	--	--	<2.1	<10	<10	<2.1	<2.0
9-chlorohexadecafluoro-3-oxanone1-sulfonic acid (9Cl-PF3ONS)	--	--	--	<2.1	<10	<10	<2.1	<2.0
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	--	--	--	<2.1	<10	<10	<2.1	<2.0
Hexafluoropropylene oxide dimer (HFPO-DA)	--	--	--	<10	<10	<10	<2.1	<3.9
3-Perfluoroheptyl propanoic acid (FHpPA (7:3 FTCA))	--	--	--	--	--	--	--	--
3-Perfluoropentyl propanoic acid (FPePA (5:3 FTCA))	--	--	--	--	--	--	--	--
3-Perfluoropropyl propanoic acid (FPrPA (3:3 FTCA))	--	--	--	--	--	--	--	--
Perfluorobutanesulfonamide (PFBSA)	--	--	--	--	--	--	--	--
Perfluoro-4-ethylcyclohexanesulfonate (PFECHS)	--	--	--	--	--	--	--	--
Perfluorohexanesulfonamide (PFHxSA)	--	--	--	--	--	--	--	--
Total Per-and Polyfluoroalkyl Substances	--	**1600.0**	**1320.0**	**123.4**	**0.0**	**0.0**	**9.2**	**86.8**

Notes
1) Detections in **bold**.
2) Concentrations in ng/L.
3) < = Not detected at specified reporting limit.
4) -- = Not analyzed/No criteria.
5) Dup = Duplicate sample.
6) EGLE Part 201 Groundwater Generic Cleanup Criteria and Screening Levels, October 12, 2023.
7) Concentration above the groundwater surface water interface (GSI) criteria are highlighted in yellow.
8) B - Compound also found in associated method blank.
9) I - Matrix interference with internal standard.
10) J - Estimated value less than reporting limit, but greater than MDL.
11) X - Elevated reporting limit due to matrix interference.
12) Light gray header is most recent sampling event result.
13) QA/QC Samples were either not detected above the reporting limit or below the EGLE Part 201 Groundwater Generic Cleanup Criteria.

TABLE 1
RACER Trust - Coldwater Road Peregrine Facilities
Per-and Polyfluoroalkyl Substances Sampling Results - Storm Water Samples South Portion of Site

Coldwater Road - Storm Water Samples - South Portion of Site

Perfluorinated Compound / Well/Sample ID: / Sample Date:	EGLE Part 201 Generic Cleanup Criteria and Screening Levels GSI	SS-12 (Storm Sewer) 4/14/2022	SS-12 (Storm Sewer) 6/22/2022	SS-12 (Storm Sewer) 8/4/2022	SS-12 (Storm Sewer) 1/4/2023	SS-12 (Storm Sewer) 3/23/2023	SS-12 (Storm Sewer) 6/27/2023	SS-12 (Storm Sewer) 8/7/2023
	Precipitation Inches	0.0"	0.03"	1.72"	0.15"	0.15"	0.42"	0.64"
Perfluorobutanoic Acid (PFBA)	--	<9.8	<11	<10	<10.0	<10	<10.0	<15 X
Perfluoropentanoic Acid (PFPeA)	--	**2.1 J**	**4.0 J**	**4.2**	**1.1 J**	<4.0	**2.9 J**	<3.9
4:2 Fluorotelomer Sulfonic Acid (4:2 FTSA)	--	<2.0	<2.1	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorohexanoic Acid (PFHxA)	--	**3.3**	**5.2**	**4.2**	**2.6**	**2.0 J**	**2.7**	<2.0
Perfluorobutane Sulfonic Acid (PFBS)	**670,000**	**2.0**	**5.6**	**3.9**	**2.6**	<2.0	**4.4**	**2.3**
Perfluoroheptanoic Acid (PFHpA)	--	**2.1**	**2.7**	**2.7**	<2.0	<2.0	**1.7**	<2.0
Perfluoropentane Sulfonic Acid (PFPeS)	--	<2.0	<2.1	<2.0	<2.0	<2.0	<2.0	<2.0
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	--	<2.0	<2.1	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorooctanoic Acid (**PFOA**)	**170**	**5.8**	**11**	**7.5**	**2.1**	<2.0	**3.6**	**4.2**
Perfluorohexane Sulfonic Acid (PFHxS)	**210**	**2.8**	**3.5**	**3.0**	**1.6 J**	<2.0	<2.0	<2.0
Perfluorohexane Sulfonic Acid - LN (PFHxS-LN)	--	**1.7 J**	**2.8**	**2.4**	<2.0	<2.0	<2.0	<2.0
Perfluorohexane Sulfonic Acid - BR (PFHxS-BR)	--	<2.0	<2.1	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorononanoic Acid (PFNA)	**30**	<2.0	<2.1	<2.0	<2.0	<2.0	<2.0	<2.0
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	--	<2.0	<2.1	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluoroheptane Sulfonic Acid (PFHpS)	--	<2.0	<2.1	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorodecanoic Acid (PFDA)	--	<2.0	<2.1	<2.0	<2.0	<2.0	<2.0	<2.0
N-methyl Perfluorooctanesulfonamidoacetic Acid (N-MeFOSAA)	--	<2.0	<2.1	<2.0	<2.0	<2.0	<2.0	<2.0
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	--	<3.9	<4.2	<4.1	<4.0	<4.0	<4.0	<3.9
Perfluorooctane Sulfonic Acid (**PFOS**)	**12**	**140**	**91**	**190**	**86**	**34**	**64**	**93**
Perfluorooctane Sulfonic Acid (**PFOS**-LN)	--	**100**	**63**	**140**	**68**	**28**	**46**	**71**
Perfluorooctane Sulfonic Acid (**PFOS**-BR)	--	**34**	**28**	**44**	**17**	**6**	**17**	**19**
Perfluoroundecanoic Acid (PFUnDA)	--	<2.0	<2.1	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorononane Sulfonic Acid (PFNS)	--	<2.0	<2.1	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorododecanoic Acid (PFDoDA)	--	<2.0	<2.1	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorodecane Sulfonic Acid (PFDS)	--	<2.0	<2.1	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorotridecanoic Acid (PFTrDA)	--	<2.0	<2.1	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorooctane Sulfonamide (FOSA)	--	<2.0	<2.1	<2.0	<2.0	<2.0	<2.0	<2.0
Perfluorotetradecanoic Acid (PFTeDA)	--	<3.9	<4.2	<4.1	<4.0	<4.0	<4.0	<3.9
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	--	<2.0	<2.1	<2.0	<2.0	<2.0	<2.0	<2.0
9-chlorohexadecafluoro-3-oxanone1-sulfonic acid (9Cl-PF3ONS)	--	<2.0	<2.1	<2.0	<2.0	<2.0	<2.0	<2.0
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	--	<2.0	<2.1	<2.0	<2.0	<2.0	<2.0	<2.0
Hexafluoropropylene oxide dimer (HFPO-DA)	--	<3.9	<11	<10	<10.0	<2.0	<2.0	<2.0
3-Perfluoroheptyl propanoic acid (FHpPA (7:3 FTCA))	--	--	--	--	--	--	<4.0	<3.9
3-Perfluoropentyl propanoic acid (FPePA (5:3 FTCA))	--	--	--	--	--	--	<4.0	<3.9
3-Perfluoropropyl propanoic acid (FPrPA (3:3 FTCA))	--	--	--	--	--	--	<4.0	<3.9
Perfluorobutanesulfonamide (PFBSA)	--	--	--	--	--	--	<2.0	<2.0
Perfluoro-4-ethylcyclohexanesulfonate (PFECHS)	--	--	--	--	--	--	**19**	**17**
Perfluorohexanesulfonamide (PFHxSA)	--	--	--	--	--	--	<2.0	<2.0
Total Per-and Polyfluoroalkyl Substances	--	**158.1**	**123.0**	**215.5**	**96.0**	**36.0**	**98.3**	**116.5**

Notes
1) Detections in **bold**.
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4) -- = Not analyzed/No criteria.
5) Dup = Duplicate sample.
6) EGLE Part 201 Groundwater Generic Cleanup Criteria and Screening Levels, October 12, 2023.
7) Concentration above the groundwater surface water interface (GSI) criteria are highlighted in yellow.
8) B - Compound also found in associated method blank.
9) I - Matrix interference with internal standard.
10) J - Estimated value less than reporting limit, but greater than MDL.
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12) Light gray header is most recent sampling event result.
13) QA/QC Samples were either not detected above the reporting limit or below the EGLE Part 201 Groundwater Generic Cleanup Criteria.

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Per-and Polyfluoroalkyl Substances Sampling Results - Storm Water Samples South Portion of Site

Coldwater Road - Storm Water Samples - South Portion of Site

Perfluorinated Compound / Well/Sample ID: / Sample Date:	EGLE Part 201 Generic Cleanup Criteria and Screening Levels GSI	SS-12 (Storm Sewer) 12/18/2023	SS-12 (Storm Sewer) 6/17/2024	SS-12-20241014 (Storm Sewer) 10/14/2024	SS-12-20250320 (Storm Sewer) 3/20/2025	SS-12-20250619 (Storm Sewer) 6/19/2025	SS-13 (Storm Sewer) 5/16/2022	SS-13 (Storm Sewer) 8/4/2022	SS-13-20250619 (Storm Sewer) 6/19/2025
Precipitation Inches		0.24"	0.45"	0.70"	0.23"	1.77"	0.71"	1.72"	1.77"
Perfluorobutanoic Acid (PFBA)	--	<9.8	**8.8 J**	**4.4 J**	<10	**7.7 J**	<39	<10	**10 J**
Perfluoropentanoic Acid (PFPeA)	--	<3.9	**1.7 J**	<3.9	<4.1	**3.2 J**	<3.9	**1.6 J**	**2.9 J**
4:2 Fluorotelomer Sulfonic Acid (4:2 FTSA)	--	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0	<2.1
Perfluorohexanoic Acid (PFHxA)	--	**2.0**	**4.3**	**2.7**	**3.2**	**5.0**	**2.5**	**3.2**	**5.2**
Perfluorobutane Sulfonic Acid (PFBS)	**670,000**	**2.1**	**2.5**	**1.9 J**	**1.7 J**	**2.5**	<2.0	**3.5**	**2.3**
Perfluoroheptanoic Acid (PFHpA)	--	<3.9	**1.4 J**	<2.0	**1.4 J**	**2.0 J**	<2.0	**1.8 J**	**1.6 J**
Perfluoropentane Sulfonic Acid (PFPeS)	--	<2.0	<2.1	**0.84 J**	**1.8 J**	<2.1	<2.0	<2.0	<2.1
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	--	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0	<2.1
Perfluorooctanoic Acid (**PFOA**)	**170**	**1.5 J**	**4.7**	**1.9 J**	**3.0**	**4.7**	<2.0	**4.8**	**3.2**
Perfluorohexane Sulfonic Acid (PFHxS)	**210**	<2.0	**3.0**	**2.3**	**4.3**	**5.4**	<2.0	**3.5**	**4.0**
Perfluorohexane Sulfonic Acid - LN (PFHxS-LN)	--	<2.0	**2.3**	**1.9 J**	**3.4**	**4.2**	<2.0	**2.5**	**2.8**
Perfluorohexane Sulfonic Acid - BR (PFHxS-BR)	--	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0	<2.1
Perfluorononanoic Acid (PFNA)	**30**	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0	<2.1
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	--	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0	<2.1
Perfluoroheptane Sulfonic Acid (PFHpS)	--	<2.0	<2.1	<2.0	**1.8 J**	**1.7 J**	<2.0	<2.0	<2.1
Perfluorodecanoic Acid (PFDA)	--	<2.0	<2.1	<2.0	<2.0	**2.2**	<2.0	<2.0	<2.1
N-methyl Perfluorooctanesulfonamidoacetic Acid (N-MeFOSAA)	--	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0	<2.1
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	--	<3.9	<4.1	<3.9	<4.1	<4.2	<3.9	<4.0	<4.3
Perfluorooctane Sulfonic Acid (**PFOS**)	**12**	**22**	**100**	**85**	**210**	**330**	**20**	**25**	**100**
Perfluorooctane Sulfonic Acid (**PFOS**-LN)	--	**16**	**74**	**62**	**150**	**250**	**16**	**17**	**70**
Perfluorooctane Sulfonic Acid (**PFOS**-BR)	--	**5.7**	**25**	**22**	**51**	**76**	**4.0**	**6.7**	**32**
Perfluoroundecanoic Acid (PFUnDA)	--	<2.0	<2.1	<2.0	<2.0	**1.5 J**	<2.0	<2.0	<2.1
Perfluorononane Sulfonic Acid (PFNS)	--	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0	<2.1
Perfluorododecanoic Acid (PFDoDA)	--	<2.0	<2.1	<2.0	<2.0	**1.7 J**	<2.0	<2.0	<2.1
Perfluorodecane Sulfonic Acid (PFDS)	--	<2.0	<2.1	<2.0	<2.0	**2.4**	<2.0	<2.0	<2.1
Perfluorotridecanoic Acid (PFTrDA)	--	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0	<2.1
Perfluorooctane Sulfonamide (FOSA)	--	<2.0	<2.1	<2.0	<2.0	**1.1 J**	<2.0	<2.0	<2.1
Perfluorotetradecanoic Acid (PFTeDA)	--	<3.9	<4.1	<3.9	<4.1	<4.2	<3.9	<4.0	<4.3
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	--	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0	<2.1
9-chlorohexadecafluoro-3-oxanone1-sulfonic acid (9Cl-PF3ONS)	--	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0	<2.1
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	--	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0	<2.1
Hexafluoropropylene oxide dimer (HFPO-DA)	--	<9.8	<10	<9.8	<10	<11	<3.9	<10	<11
3-Perfluoroheptyl propanoic acid (FHpPA (7:3 FTCA))	--	<9.8	<10	<9.8	<10	<11	--	--	<11
3-Perfluoropentyl propanoic acid (FPePA (5:3 FTCA))	--	<9.8	<10	<9.8	<10	<11	--	--	<11
3-Perfluoropropyl propanoic acid (FPrPA (3:3 FTCA))	--	<9.8	<10	<9.8	<10	<11	--	--	<11
Perfluorobutanesulfonamide (PFBSA)	--	**0.71 J**	**0.81 J**	<2.0	<2.0	**0.65 J**	--	--	<2.1
Perfluoro-4-ethylcyclohexanesulfonate (PFECHS)	--	**11**	**41**	**38**	**120**	**120**	--	--	**77**
Perfluorohexanesulfonamide (PFHxSA)	--	<2.0	<2.1	<2.0	<2.0	<2.1	--	--	<2.1
Total Per-and Polyfluoroalkyl Substances	--	**39.3**	**168.2**	**137.0**	**347.2**	**491.8**	**22.5**	**43.4**	**206.2**

Notes
1) Detections in **bold**.
2) Concentrations in ng/L.
3) < = Not detected at specified reporting limit.
4) -- = Not analyzed/No criteria.
5) Dup = Duplicate sample.
6) EGLE Part 201 Groundwater Generic Cleanup Criteria and Screening Levels, October 12, 2023.
7) Concentration above the groundwater surface water interface (GSI) criteria are highlighted in yellow.
8) B - Compound also found in associated method blank.
9) I - Matrix interference with internal standard.
10) J - Estimated value less than reporting limit, but greater than MDL.
11) X - Elevated reporting limit due to matrix interference.
12) Light gray header is most recent sampling event result.
13) QA/QC Samples were either not detected above the reporting limit or below the EGLE Part 201 Groundwater Generic Cleanup Criteria.

TABLE 1
RACER Trust - Coldwater Road Peregrine Facilities
Per-and Polyfluoroalkyl Substances Sampling Results - Storm Water Samples South Portion of Site

Coldwater Road - Storm Water Samples - South Portion of Site

Perfluorinated Compound / Well/Sample ID: / Sample Date:	EGLE Part 201 Generic Cleanup Criteria and Screening Levels GSI	SS-14 (Storm Sewer) 5/16/2022	SS-14 (Storm Sewer) 6/22/2022	SS-14 (Storm Sewer) 8/4/2022	SS-14 (Storm Sewer) 1/4/2023	SS-14 (Storm Sewer) 3/23/2023	SS-14 (Storm Sewer) 6/27/2023	SS-14 (Storm Sewer) 8/7/2023
Precipitation Inches		*0.71"*	*0.03"*	*1.72"*	*0.15"*	*0.15"*	*0.42"*	*0.64"*
Perfluorobutanoic Acid (PFBA)	--	**14**	**12**	<10	<10	<10	<9.7	<21 X
Perfluoropentanoic Acid (PFPeA)	--	**2.1 J**	**5.2**	**3.5 J**	<4.0	<4.0	**3.0 J**	<3.8
4:2 Fluorotelomer Sulfonic Acid (4:2 FTSA)	--	<2.1	<2.1	<2.0	<2.0	<2.0	<1.9	<1.9
Perfluorohexanoic Acid (PFHxA)	--	**4.3**	**7.0**	**3.5**	**2.2**	**2.0**	**2.7**	**3.0**
Perfluorobutane Sulfonic Acid (PFBS)	**670,000**	**2.8**	**6.7**	**3.5**	**2.5**	<2.0	**6.3**	**3.3**
Perfluoroheptanoic Acid (PFHpA)	--	**2.3**	**5.0**	**2.9**	<2.0	<2.0	**2.4**	**2.7**
Perfluoropentane Sulfonic Acid (PFPeS)	--	<2.1	<2.1	<2.0	<2.0	<2.0	<1.9	<1.9
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	--	<2.1	<2.1	<2.0	<2.0	<2.0	<1.9	<1.9
Perfluorooctanoic Acid (**PFOA**)	**170**	**8.4**	**15**	**5.1**	**2.1**	<2.0	**4.7**	**6.0**
Perfluorohexane Sulfonic Acid (PFHxS)	**210**	**1.8 J**	**4.5**	**2.1**	<2.0	<2.0	<1.9	<1.9
Perfluorohexane Sulfonic Acid - LN (PFHxS-LN)	--	<2.1	**3.7**	<2.0	<2.0	<2.0	<1.9	<1.9
Perfluorohexane Sulfonic Acid - BR (PFHxS-BR)	--	<2.1	<2.1	<2.0	<2.0	<2.0	<1.9	<1.9
Perfluorononanoic Acid (PFNA)	**30**	<2.1	<2.1	<2.0	<2.0	<2.0	<1.9	<1.9
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	--	<2.1	<2.1	<2.0	<2.0	<2.0	<1.9	<1.9
Perfluoroheptane Sulfonic Acid (PFHpS)	--	<2.1	<2.1	<2.0	<2.0	<2.0	<1.9	<1.9
Perfluorodecanoic Acid (PFDA)	--	<2.1	<2.1	<2.0	<2.0	<2.0	<1.9	<1.9
N-methyl Perfluorooctanesulfonamidoacetic Acid (N-MeFOSAA)	--	<2.1	<2.1	<2.0	<2.0	<2.0	<1.9	<1.9
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	--	<4.1	<4.1	<4.0	<4.0	<4.0	<3.9	<3.8
Perfluorooctane Sulfonic Acid (**PFOS**)	**12**	**30**	**39**	**21**	**12**	**6.3**	**24**	**33**
Perfluorooctane Sulfonic Acid (**PFOS**-LN)	--	**20**	**24**	**13**	**7.1**	**3.8**	**14**	**22**
Perfluorooctane Sulfonic Acid (**PFOS**-BR)	--	**9.1**	**14**	**8**	**5.4**	**2.5**	**9.3**	**10**
Perfluoroundecanoic Acid (PFUnDA)	--	<2.1	<2.1	<2.0	<2.0	<2.0	<1.9	<1.9
Perfluorononane Sulfonic Acid (PFNS)	--	<2.1	<2.1	<2.0	<2.0	<2.0	<1.9	<1.9
Perfluorododecanoic Acid (PFDoDA)	--	<2.1	<2.1	<2.0	<2.0	<2.0	<1.9	<1.9
Perfluorodecane Sulfonic Acid (PFDS)	--	<2.1	<2.1	<2.0	<2.0	<2.0	<1.9	<1.9
Perfluorotridecanoic Acid (PFTrDA)	--	<2.1	<2.1	<2.0	<2.0	<2.0	<1.9	<1.9
Perfluorooctane Sulfonamide (FOSA)	--	<2.1	<2.1	<2.0	<2.0	<2.0	<1.9	<1.9
Perfluorotetradecanoic Acid (PFTeDA)	--	<4.1	<4.1	<4.0	<4.0	<4.0	<3.9	<3.8
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	--	<2.1	<2.1	<2.0	<2.0	<2.0	<1.9	<1.9
9-chlorohexadecafluoro-3-oxanone1-sulfonic acid (9Cl-PF3ONS)	--	<2.1	<2.1	<2.0	<2.0	<2.0	<1.9	<1.9
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	--	<2.1	<2.1	<2.0	<2.0	<2.0	<1.9	<1.9
Hexafluoropropylene oxide dimer (HFPO-DA)	--	<4.1	<10	<10	<10	<2.0	<1.9	<1.9
3-Perfluoroheptyl propanoic acid (FHpPA (7:3 FTCA))	--	--	--	--	--	--	<3.9	<3.8
3-Perfluoropentyl propanoic acid (FPePA (5:3 FTCA))	--	--	--	--	--	--	<3.9	<3.8
3-Perfluoropropyl propanoic acid (FPrPA (3:3 FTCA))	--	--	--	--	--	--	<3.9	<3.8
Perfluorobutanesulfonamide (PFBSA)	--	--	--	--	--	--	<1.9	<1.9
Perfluoro-4-ethylcyclohexanesulfonate (PFECHS)	--	--	--	--	--	--	**9.0**	**5.4**
Perfluorohexanesulfonamide (PFHxSA)	--	--	--	--	--	--	<1.9	<1.9
Total Per-and Polyfluoroalkyl Substances	--	**65.7**	**94.4**	**41.6**	**18.8**	**8.3**	**52.1**	**53.4**

Notes
1) Detections in **bold**.
2) Concentrations in ng/L.
3) < = Not detected at specified reporting limit.
4) -- = Not analyzed/No criteria.
5) Dup = Duplicate sample.
6) EGLE Part 201 Groundwater Generic Cleanup Criteria and Screening Levels, October 12, 2023.
7) Concentration above the groundwater surface water interface (GSI) criteria are highlighted in yellow.
8) B - Compound also found in associated method blank.
9) I - Matrix interference with internal standard.
10) J - Estimated value less than reporting limit, but greater than MDL.
11) X - Elevated reporting limit due to matrix interference.
12) Light gray header is most recent sampling event result.
13) QA/QC Samples were either not detected above the reporting limit or below the EGLE Part 201 Groundwater Generic Cleanup Criteria.

RAMBOLL

TABLE 1
RACER Trust - Coldwater Road Peregrine Facilities
Per-and Polyfluoroalkyl Substances Sampling Results - Storm Water Samples South Portion of Site

Coldwater Road - Storm Water Samples - South Portion of Site

Perfluorinated Compound / Well/Sample ID: / Sample Date:	EGLE Part 201 Generic Cleanup Criteria and Screening Levels GSI	SS-14 (Storm Sewer) 12/18/2023	SS-14 (Storm Sewer) 6/17/2024	SS-14-20241014 (Storm Sewer) 10/14/2024	SS-14-20250320 (Storm Sewer) 3/20/2025	SS-14-20250619 (Storm Sewer) 6/19/2025	SS-15 (Storm Sewer) 8/4/2022	SS-15 (Storm Sewer) 1/4/2023	SS-15 (Storm Sewer) 3/23/2023
Precipitation Inches		0.24"	0.45"	0.70"	0.23"	1.77"	1.72"	0.15"	0.15"
Perfluorobutanoic Acid (PFBA)	--	<10	**7.9 J**	<11	<9.8	<9.9	<10	<10	<9.8
Perfluoropentanoic Acid (PFPeA)	--	<4.1	**1.8 J**	**1.5 J**	<3.9	<3.9	**4.1 J**	**1.8 J**	<3.9
4:2 Fluorotelomer Sulfonic Acid (4:2 FTSA)	--	<2.1	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0
Perfluorohexanoic Acid (PFHxA)	--	**1.7 J**	**2.7**	**2.2**	<2.0	<2.0	**3.5**	**3.2**	**1.7 J**
Perfluorobutane Sulfonic Acid (PFBS)	**670,000**	**2.3**	**3.1**	**2.3**	<2.0	**1.2 J**	**3.5**	**3.1**	**1.7 J**
Perfluoroheptanoic Acid (PFHpA)	--	<4.1	**0.91 J**	**1.2 J**	<2.0	<2.0	**1.8 J**	**1.6 J**	<2.0
Perfluoropentane Sulfonic Acid (PFPeS)	--	<2.1	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	--	<2.1	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0
Perfluorooctanoic Acid (**PFOA**)	**170**	**1.6 J**	**3.4**	**2.3**	<2.0	**1.8 J**	**5.5**	**2.9**	<2.0
Perfluorohexane Sulfonic Acid (PFHxS)	**210**	<2.1	**1.7 J**	<2.1	<2.0	<2.0	**2.9**	<2.0	<2.0
Perfluorohexane Sulfonic Acid - LN (PFHxS-LN)	--	<2.1	**1.1 J**	<2.1	<2.0	<2.0	**2.2**	<2.0	<2.0
Perfluorohexane Sulfonic Acid - BR (PFHxS-BR)	--	<2.1	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0
Perfluorononanoic Acid (PFNA)	**30**	<2.1	**1.2 J**	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	--	<2.1	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0
Perfluoroheptane Sulfonic Acid (PFHpS)	--	<2.1	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0
Perfluorodecanoic Acid (PFDA)	--	<2.1	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0
N-methyl Perfluorooctanesulfonamidoacetic Acid (N-MeFOSAA)	--	<2.1	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	--	<4.1	<4.0	<4.2	<3.9	<3.9	<4.1	<4.1	<3.9
Perfluorooctane Sulfonic Acid (**PFOS**)	**12**	**17**	**52**	**50**	**12**	**12**	**220**	**100**	**29**
Perfluorooctane Sulfonic Acid (**PFOS**-LN)	--	**12**	**38**	**36**	**8.7**	**6.5**	**170**	**72**	**22**
Perfluorooctane Sulfonic Acid (**PFOS**-BR)	--	**4.3**	**13**	**13**	**2.8**	**4.6**	**50**	**27**	**6.8**
Perfluoroundecanoic Acid (PFUnDA)	--	<2.1	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0
Perfluorononane Sulfonic Acid (PFNS)	--	<2.1	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0
Perfluorododecanoic Acid (PFDoDA)	--	<2.1	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0
Perfluorodecane Sulfonic Acid (PFDS)	--	<2.1	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0
Perfluorotridecanoic Acid (PFTrDA)	--	<2.1	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0
Perfluorooctane Sulfonamide (FOSA)	--	<2.1	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0
Perfluorotetradecanoic Acid (PFTeDA)	--	<4.1	<4.0	<4.2	<3.9	<3.9	<4.1	<4.1	<4.1
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	--	<2.1	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0
9-chlorohexadecafluoro-3-oxanone1-sulfonic acid (9Cl-PF3ONS)	--	<2.1	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	--	<2.1	<2.0	<2.1	<2.0	<2.0	<2.1	<2.0	<2.0
Hexafluoropropylene oxide dimer (HFPO-DA)	--	<10	<10	<11	<9.8	<9.9	<10	<10	<2.0
3-Perfluoroheptyl propanoic acid (FHpPA (7:3 FTCA))	--	<10	<10	<11	<9.8	<9.9	--	--	--
3-Perfluoropentyl propanoic acid (FPePA (5:3 FTCA))	--	<10	<10	<11	<9.8	<9.9	--	--	--
3-Perfluoropropyl propanoic acid (FPrPA (3:3 FTCA))	--	<10	<10	<11	<9.8	<9.9	--	--	--
Perfluorobutanesulfonamide (PFBSA)	--	**0.70 J**	<2.0	<2.1	<2.0	<2.0	--	--	--
Perfluoro-4-ethylcyclohexanesulfonate (PFECHS)	--	**4.6**	**12**	**14**	**4.0**	**5.0**	--	--	--
Perfluorohexanesulfonamide (PFHxSA)	--	<2.1	<2.0	<2.1	<2.0	<2.0	--	--	--
Total Per-and Polyfluoroalkyl Substances	--	**27.9**	**86.7**	**73.5**	**16.0**	**20.0**	**241.3**	**112.6**	**32.4**

Notes
1) Detections in **bold**.
2) Concentrations in ng/L.
3) < = Not detected at specified reporting limit.
4) -- = Not analyzed/No criteria.
5) Dup = Duplicate sample.
6) EGLE Part 201 Groundwater Generic Cleanup Criteria and Screening Levels, October 12, 2023.
7) Concentration above the groundwater surface water interface (GSI) criteria are highlighted in yellow.
8) B - Compound also found in associated method blank.
9) I - Matrix interference with internal standard.
10) J - Estimated value less than reporting limit, but greater than MDL.
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TABLE 1
RACER Trust - Coldwater Road Peregrine Facilities
Per-and Polyfluoroalkyl Substances Sampling Results - Storm Water Samples South Portion of Site

Coldwater Road - Storm Water Samples - South Portion of Site

Perfluorinated Compound	Well/Sample ID:	EGLE Part 201 Generic Cleanup Criteria and Screening Levels GSI	SS-15 (Storm Sewer)	SS-15 (Storm Sewer)	SS-15 (Storm Sewer)	SS-15-20241014 (Storm Sewer)	SS-15-20250320 (Storm Sewer)	SS-15-20250619 (Storm Sewer)	SS-16 (Storm Sewer)	SS-16 (Storm Sewer)
	Sample Date:		6/27/2023	12/18/2023	6/17/2024	10/14/2024	3/20/2025	6/19/2025	1/4/2023	3/23/2023
	Precipitation Inches		0.42"	0.24"	0.45"	0.70"	0.23"	1.77"	0.15"	0.15"
Perfluorobutanoic Acid (PFBA)		--	**10**	<9.8	<9.6	<9.7	<9.9	**8.1 J**	<10	<11
Perfluoropentanoic Acid (PFPeA)		--	<3.9	<3.9	<4.6 X	**2.1 J**	<4.0	**2.2 J**	<4.2	<4.3
4:2 Fluorotelomer Sulfonic Acid (4:2 FTSA)		--	<2.0	<2.0	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1
Perfluorohexanoic Acid (PFHxA)		--	**1.9 J**	**2.0**	**3.2**	**2.6**	**3.2**	**6.9**	**2.8**	<2.1
Perfluorobutane Sulfonic Acid (PFBS)		**670,000**	**4.3**	**1.4 J**	**1.9**	**1.9 J**	**2.3**	**2.3**	**2.3**	<2.1
Perfluoroheptanoic Acid (PFHpA)		--	<2.0	<3.9	**1.0 J**	<1.9	**1.3 J**	**1.8 J**	<2.1	<2.1
Perfluoropentane Sulfonic Acid (PFPeS)		--	<2.0	<2.0	<1.9	<1.9	**1.3 J**	<1.9	<2.1	<2.1
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)		--	<2.0	<2.0	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1
Perfluorooctanoic Acid (**PFOA**)		**170**	**3.2**	**0.99 J**	**3.6**	**1.6 J**	**2.7**	**3.4**	**3.2**	<2.1
Perfluorohexane Sulfonic Acid (PFHxS)		**210**	<2.0	<2.0	**0.99 J**	**1.9 J**	**2.5**	**4.1**	<2.1	<2.1
Perfluorohexane Sulfonic Acid - LN (PFHxS-LN)		--	<2.0	<2.0	**0.96 J**	**1.4 J**	**2.5**	**3.4**	<2.1	<2.1
Perfluorohexane Sulfonic Acid - BR (PFHxS-BR)		--	<2.0	<2.0	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1
Perfluorononanoic Acid (PFNA)		**30**	<2.0	<2.0	<1.9	<1.9	<2.0	**1.1 J**	<2.1	<2.1
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)		--	<2.0	<2.0	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1
Perfluoroheptane Sulfonic Acid (PFHpS)		--	<2.0	<2.0	<1.9	<1.9	<2.0	**1.5 J**	<2.1	<2.1
Perfluorodecanoic Acid (PFDA)		--	<2.0	<2.0	<1.9	<1.9	**0.77 J**	<1.9	<2.1	<2.1
N-methyl Perfluorooctanesulfonamidoacetic Acid (N-MeFOSAA)		--	<2.0	<2.0	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)		--	<3.9	<3.9	<3.8	<3.9	<4.0	<3.9	<4.2	<4.3
Perfluorooctane Sulfonic Acid (**PFOS**)		**12**	**86**	**23**	**100**	**73**	**180**	**180**	**99**	**27**
Perfluorooctane Sulfonic Acid (**PFOS**-LN)		--	**56**	**17**	**79**	**52**	**130**	**130**	**72**	**21**
Perfluorooctane Sulfonic Acid (**PFOS**-BR)		--	**28**	**5.3**	**21**	**19**	**38**	**44**	**27**	**5.1**
Perfluoroundecanoic Acid (PFUnDA)		--	<2.0	<2.0	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1
Perfluorononane Sulfonic Acid (PFNS)		--	<2.0	<2.0	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1
Perfluorododecanoic Acid (PFDoDA)		--	<2.0	<2.0	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1
Perfluorodecane Sulfonic Acid (PFDS)		--	<2.0	<2.0	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1
Perfluorotridecanoic Acid (PFTrDA)		--	<2.0	<2.0	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1
Perfluorooctane Sulfonamide (FOSA)		--	<2.0	<2.0	<1.9	<1.9	<2.0	**1.1 J**	<2.1	<2.1
Perfluorotetradecanoic Acid (PFTeDA)		--	<3.9	<3.9	<3.8	<3.9	<4.0	<3.9	<4.2	<4.3
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)		--	<2.0	<2.0	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1
9-chlorohexadecafluoro-3-oxanone1-sulfonic acid (9Cl-PF3ONS)		--	<2.0	<2.0	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1
4,8-dioxa-3H-perfluorononanoic acid (ADONA)		--	<2.0	<2.0	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1
Hexafluoropropylene oxide dimer (HFPO-DA)		--	<2.0	<9.8	<9.6	<9.7	<9.9	<9.7	<10	<2.0
3-Perfluoroheptyl propanoic acid (FHpPA (7:3 FTCA))		--	<3.9	<9.8	<9.6	<9.7	<9.9	<9.7	--	--
3-Perfluoropentyl propanoic acid (FPePA (5:3 FTCA))		--	<3.9	<9.8	<9.6	<9.7	<9.9	<9.7	--	--
3-Perfluoropropyl propanoic acid (FPrPA (3:3 FTCA))		--	<3.9	<9.8	<9.6	<9.7	<9.9	<9.7	--	--
Perfluorobutanesulfonamide (PFBSA)		--	**1.2 J**	**0.62 J**	<1.9	<1.9	<2.0	<1.9	--	--
Perfluoro-4-ethylcyclohexanesulfonate (PFECHS)		--	**20**	**6.0**	**27**	**27**	**89**	**120**	--	--
Perfluorohexanesulfonamide (PFHxSA)		--	<2.0	<2.0	<1.9	<1.9	<2.0	<1.9	--	--
Total Per-and Polyfluoroalkyl Substances		--	**126.6**	**34.0**	**137.7**	**110.1**	**283.1**	**332.5**	**107.3**	**27.0**

Notes
1) Detections in **bold**.
2) Concentrations in ng/L.
3) < = Not detected at specified reporting limit.
4) -- = Not analyzed/No criteria.
5) Dup = Duplicate sample.
6) EGLE Part 201 Groundwater Generic Cleanup Criteria and Screening Levels, October 12, 2023.
7) Concentration above the groundwater surface water interface (GSI) criteria are highlighted in yellow.
8) B - Compound also found in associated method blank.
9) I - Matrix interference with internal standard.
10) J - Estimated value less than reporting limit, but greater than MDL.
11) X - Elevated reporting limit due to matrix interference.
12) Light gray header is most recent sampling event result.
13) QA/QC Samples were either not detected above the reporting limit or below the EGLE Part 201 Groundwater Generic Cleanup Criteria.

RAMBOLL

TABLE 1
RACER Trust - Coldwater Road Peregrine Facilities
Per-and Polyfluoroalkyl Substances Sampling Results - Storm Water Samples South Portion of Site

Coldwater Road - Storm Water Samples - South Portion of Site

Perfluorinated Compound	Well/Sample ID:	EGLE Part 201 Generic Cleanup Criteria and Screening Levels GSI	SS-16 (Storm Sewer)	SS-16 (Storm Sewer)	SS-16 (Storm Sewer)	SS-16-20241014 (Storm Sewer)	SS-16-20250320 (Storm Sewer)	SS-16-20250619 (Storm Sewer)	SS-19 (Storm Sewer)	SS-20 (Storm Sewer)
	Sample Date:		6/27/2023	12/18/2023	6/17/2024	10/14/2024	3/20/2025	6/19/2025	3/23/2023	3/23/2023
	Precipitation Inches		0.42"	0.24"	0.45"	0.70"	0.23"	1.77"	0.15"	0.15"
Perfluorobutanoic Acid (PFBA)		--	**10**	<9.4	<10	**4.5 J**	<15 X	<11	<10	<9.7
Perfluoropentanoic Acid (PFPeA)		--	<3.8	<3.8	**2.8 J**	**2.2 J**	**3.6 J**	**2.9 J**	**1.9 J**	<3.9
4:2 Fluorotelomer Sulfonic Acid (4:2 FTSA)		--	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1	<2.0	<1.9
Perfluorohexanoic Acid (PFHxA)		--	<1.9	**2.1**	**2.6**	**2.4**	**4.6**	**5.9**	**2.0 J**	<1.9
Perfluorobutane Sulfonic Acid (PFBS)		**670,000**	**2.5**	**1.2 J**	**1.5 J**	**1.7 J**	**1.9 J**	**2.5**	<2.0	<1.9
Perfluoroheptanoic Acid (PFHpA)		--	<1.9	<3.8	**0.96 J**	<1.9	**2.5**	**1.0 J**	**1.5 J**	<2.3 X
Perfluoropentane Sulfonic Acid (PFPeS)		--	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1	<2.0	<1.9
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)		--	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1	<2.0	**4.3**
Perfluorooctanoic Acid (**PFOA**)		**170**	**2.0**	**1.6 J**	**3.4**	**1.9**	**6.2**	**2.8**	<2.0	<1.9
Perfluorohexane Sulfonic Acid (PFHxS)		**210**	<1.9	<1.9	**1.6 J**	**1.8 J**	**3.9**	**3.7**	<2.0	<1.9
Perfluorohexane Sulfonic Acid - LN (PFHxS-LN)		--	<1.9	<1.9	<2.0	**1.2 J**	**2.8**	**2.6**	<2.0	<1.9
Perfluorohexane Sulfonic Acid - BR (PFHxS-BR)		--	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1	<2.0	<1.9
Perfluorononanoic Acid (PFNA)		**30**	<1.9	<1.9	<2.0	<1.9	**1.9 J**	<2.1	<2.0	<1.9
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)		--	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1	<2.0	<1.9
Perfluoroheptane Sulfonic Acid (PFHpS)		--	<1.9	<1.9	<2.0	**1.1 J**	**1.9 J**	**1.1 J**	<2.0	<1.9
Perfluorodecanoic Acid (PFDA)		--	<1.9	<1.9	<2.0	<1.9	**1.7 J**	<2.1	<2.0	<1.9
N-methyl Perfluorooctanesulfonamidoacetic Acid (N-MeFOSAA)		--	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1	<2.0	<1.9
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)		--	<3.8	<3.8	<4.0	<3.8	<4.1	<4.3	<4.0	<3.9
Perfluorooctane Sulfonic Acid (**PFOS**)		**12**	**63**	**30**	**82**	**59**	**290**	**140**	**5.6**	**3.6**
Perfluorooctane Sulfonic Acid (**PFOS**-LN)		--	**39**	**23**	**66**	**42**	**250**	**100**	**3.3**	**1.9 J**
Perfluorooctane Sulfonic Acid (**PFOS**-BR)		--	**23**	**7.3**	**13**	**16**	**34**	**38**	**2.2**	<1.9
Perfluoroundecanoic Acid (PFUnDA)		--	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1	<2.0	<1.9
Perfluorononane Sulfonic Acid (PFNS)		--	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1	<2.0	<1.9
Perfluorododecanoic Acid (PFDoDA)		--	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1	<2.0	<1.9
Perfluorodecane Sulfonic Acid (PFDS)		--	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1	<2.0	<1.9
Perfluorotridecanoic Acid (PFTrDA)		--	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1	<2.0	<1.9
Perfluorooctane Sulfonamide (FOSA)		--	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1	<2.0	<1.9
Perfluorotetradecanoic Acid (PFTeDA)		--	<3.8	<3.8	<4.0	<3.8	<4.1	<4.3	<4.0	<3.9
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)		--	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1	<2.0	<1.9
9-chlorohexadecafluoro-3-oxanone1-sulfonic acid (9Cl-PF3ONS)		--	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1	<2.0	<1.9
4,8-dioxa-3H-perfluorononanoic acid (ADONA)		--	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1	<2.0	<1.9
Hexafluoropropylene oxide dimer (HFPO-DA)		--	<1.9	<9.4	<10	<9.5	<10	<11	<2.0	<1.9
3-Perfluoroheptyl propanoic acid (FHpPA (7:3 FTCA))		--	<3.8	<9.4	<10	<9.5	<10	<11	--	--
3-Perfluoropentyl propanoic acid (FPePA (5:3 FTCA))		--	<3.8	<9.4	<10	<9.5	<10	<11	--	--
3-Perfluoropropyl propanoic acid (FPrPA (3:3 FTCA))		--	<3.8	<9.4	<10	<9.5	<10	<11	--	--
Perfluorobutanesulfonamide (PFBSA)		--	<1.9	**0.62 J**	<2.0	<1.9	<2.1	<11	--	--
Perfluoro-4-ethylcyclohexanesulfonate (PFECHS)		--	**15**	**9.1**	**17**	**25**	**78**	**89**	--	--
Perfluorohexanesulfonamide (PFHxSA)		--	<1.9	<1.9	<2.0	<1.9	<2.1	<2.1	--	--
Total Per-and Polyfluoroalkyl Substances		--	**92.5**	**44.6**	**111.9**	**99.6**	**396.2**	**248.9**	**11.0**	**7.9**

Notes
1) Detections in **bold**.
2) Concentrations in ng/L.
3) < = Not detected at specified reporting limit.
4) -- = Not analyzed/No criteria.
5) Dup = Duplicate sample.
6) EGLE Part 201 Groundwater Generic Cleanup Criteria and Screening Levels, October 12, 2023.
7) Concentration above the groundwater surface water interface (GSI) criteria are highlighted in yellow.
8) B - Compound also found in associated method blank.
9) I - Matrix interference with internal standard.
10) J - Estimated value less than reporting limit, but greater than MDL.
11) X - Elevated reporting limit due to matrix interference.
12) Light gray header is most recent sampling event result.
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RAMBOLL

TABLE 1
RACER Trust - Coldwater Road Peregrine Facilities
Per-and Polyfluoroalkyl Substances Sampling Results - Storm Water Samples South Portion of Site

Coldwater Road - Storm Water Samples - South Portion of Site

Perfluorinated Compound / Well/Sample ID: / Sample Date:	EGLE Part 201 Generic Cleanup Criteria and Screening Levels GSI	SS-22 (Storm Sewer) 8/7/2023	SS-23 (Storm Sewer) 8/7/2023	SS-23 (Storm Sewer) 12/18/2023	SS-23 (Storm Sewer) 6/17/2024	SS-23-20241014 (Storm Sewer) 10/14/2024	SS-23-20250320 (Storm Sewer) 3/20/2025	SS-23-20250619 (Storm Sewer) 6/19/2025	SS-24-20250501 (Storm Sewer) 5/1/2025	SS-24-20250619 (Storm Sewer) 6/19/2025
Precipitation Inches		*0.64"*	*0.64"*	*0.24"*	*0.45"*	*0.70"*	*0.23"*	*1.77"*	*0.70"*	*1.77"*
Perfluorobutanoic Acid (PFBA)	--	<10	<15 X	<9.6	**6.8 J**	**5.7 J**	<10.0	**7.9 J**	**19**	**13**
Perfluoropentanoic Acid (PFPeA)	--	<4.0	**2.2 J**	<3.8	**2.0 J**	**1.6 J**	<4.0	**2.1 J**	**2.2 J**	**3.9 J**
4:2 Fluorotelomer Sulfonic Acid (4:2 FTSA)	--	<2.0	<2.0	<1.9	<2.0	<2.1	<2.0	<2.0	<2.0	<2.1
Perfluorohexanoic Acid (PFHxA)	--	**2.0 J**	**1.8 J**	**1.5 J**	**3.9**	**3.0**	**4.2**	**5.2**	**6.6**	**13**
Perfluorobutane Sulfonic Acid (PFBS)	**670,000**	**2.3**	**2.5**	**2.2**	**2.6**	**2.3**	**2.4**	**2.2**	**2.6**	**2.9**
Perfluoroheptanoic Acid (PFHpA)	--	<2.0	**1.9 J**	<3.8	**0.82 J**	**1.2 J**	<2.0	**1.8 J**	**2.7**	**2.2**
Perfluoropentane Sulfonic Acid (PFPeS)	--	<2.0	<2.0	<1.9	<2.0	**0.89 J**	**1.4 J**	<2.0	**2.7**	**2.7**
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	--	<2.0	<2.0	<1.9	<2.0	<2.1	<2.0	<2.0	<2.0	**1.0 J**
Perfluorooctanoic Acid (**PFOA**)	**170**	**3.2**	**5.3**	**1.6 J**	**4.1**	**2.3**	**2.7**	**3.1**	**8.0**	**11**
Perfluorohexane Sulfonic Acid (PFHxS)	**210**	<2.0	<2.0	**1.1 J**	**3.1**	**2.5**	**5.0**	**4.7**	**10.0**	**9.0**
Perfluorohexane Sulfonic Acid - LN (PFHxS-LN)	--	<2.0	<2.0	**1.1 J**	**2.0**	**1.9 J**	**3.9**	**3.0**	**8.3**	**7.1**
Perfluorohexane Sulfonic Acid - BR (PFHxS-BR)	--	<2.0	<2.0	<1.9	<2.0	<2.1	<2.0	<2.0	**1.3 J**	<2.1
Perfluorononanoic Acid (PFNA)	**30**	<2.0	<2.0	<1.9	**0.98 J**	**0.97 J**	<2.0	<2.0	**2.7**	<2.1
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	--	<2.0	<2.0	<1.9	<2.0	<2.1	<2.0	<2.0	**1.2 J**	<2.1
Perfluoroheptane Sulfonic Acid (PFHpS)	--	<2.0	<2.0	<1.9	**1.0 J**	<2.1	<2.0	**2.2**	**5.9**	**3.5**
Perfluorodecanoic Acid (PFDA)	--	<2.0	<2.0	<1.9	<2.0	**0.64 J**	**0.66 J**	<2.0	**2.2**	**2.3 J**
N-methyl Perfluorooctanesulfonamidoacetic Acid (N-MeFOSAA)	--	<2.0	<2.0	<1.9	<2.0	<2.1	<2.0	<2.0	<2.0	<2.1
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	--	<4.0	<3.9	<3.8	<3.9	<4.1	<2.0	<4.1	<4.0	<4.1
Perfluorooctane Sulfonic Acid (**PFOS**)	**12**	**320**	**60**	**32**	**92**	**120**	**210**	**250**	**750**	**530**
Perfluorooctane Sulfonic Acid (**PFOS**-LN)	--	**260**	**45**	**22**	**66**	**86**	**150**	**180**	**600**	**410**
Perfluorooctane Sulfonic Acid (**PFOS**-BR)	--	**61**	**14**	**9.4**	**23**	**29**	**52**	**67**	**140**	**120**
Perfluoroundecanoic Acid (PFUnDA)	--	<2.0	<2.0	<1.9	<2.0	<2.1	<2.0	<2.0	<2.0	<2.1
Perfluorononane Sulfonic Acid (PFNS)	--	<2.0	<2.0	<1.9	<2.0	<2.1	<2.0	<2.0	**1.6 J**	<2.1
Perfluorododecanoic Acid (PFDoDA)	--	<2.0	<2.0	<1.9	<2.0	<2.1	<2.0	<2.0	<2.0	<2.1
Perfluorodecane Sulfonic Acid (PFDS)	--	<2.0	<2.0	<1.9	<2.0	<2.1	<2.0	<2.0	<2.0	**2.2**
Perfluorotridecanoic Acid (PFTrDA)	--	<2.0	<2.0	<1.9	<2.0	<2.1	<2.0	<2.0	<2.0	<2.1
Perfluorooctane Sulfonamide (FOSA)	--	<2.0	<2.0	<1.9	<2.0	<2.1	<2.0	**1.1 J**	**0.92 J**	<2.1
Perfluorotetradecanoic Acid (PFTeDA)	--	<4.0	<3.9	<3.8	<3.9	<4.1	<4.0	<4.1	<4.0	<4.1
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	--	<2.0	<2.0	<1.9	<2.0	<2.1	<2.0	<2.0	<2.0	<2.1
9-chlorohexadecafluoro-3-oxanone1-sulfonic acid (9Cl-PF3ONS)	--	<2.0	<2.0	<1.9	<2.0	<2.1	<2.0	<2.0	<2.0	<2.1
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	--	<2.0	<2.0	<1.9	<2.0	<2.1	<2.0	<2.0	<2.0	<2.1
Hexafluoropropylene oxide dimer (HFPO-DA)	--	<2.0	<2.0	<9.6	<9.8	<10	<10	<10	<10	<10
3-Perfluoroheptyl propanoic acid (FHpPA (7:3 FTCA))	--	<4.0	<3.9	<9.6	<9.8	<10	<10	<10	<10	<10
3-Perfluoropentyl propanoic acid (FPePA (5:3 FTCA))	--	<4.0	<3.9	<9.6	<9.8	<10	<10	<10	<10	<10
3-Perfluoropropyl propanoic acid (FPrPA (3:3 FTCA))	--	<4.0	<3.9	<9.6	<9.8	<10	<10	<10	<10	<10
Perfluorobutanesulfonamide (PFBSA)	--	<2.0	<2.0	**0.74 J**	<2.0	<2.1	<2.0	<2.0	<2.0	**0.80 J**
Perfluoro-4-ethylcyclohexanesulfonate (PFECHS)	--	**49**	**14**	**20**	**51**	**49**	**120**	**130**	**350**	**250**
Perfluorohexanesulfonamide (PFHxSA)	--	<2.0	<2.0	<1.9	<2.0	<2.1	<2.0	<2.0	<2.0	<2.1
Total Per-and Polyfluoroalkyl Substances	--	**376.5**	**87.7**	**59.1**	**168.3**	**190.1**	**346.4**	**410.3**	**1168.3**	**847.5**

Notes
1) Detections in **bold**.
2) Concentrations in ng/L.
3) < = Not detected at specified reporting limit.
4) -- = Not analyzed/No criteria.
5) Dup = Duplicate sample.
6) EGLE Part 201 Groundwater Generic Cleanup Criteria and Screening Levels, October 12, 2023.
7) Concentration above the groundwater surface water interface (GSI) criteria are highlighted in yellow.
8) B - Compound also found in associated method blank.
9) I - Matrix interference with internal standard.
10) J - Estimated value less than reporting limit, but greater than MDL.
11) X - Elevated reporting limit due to matrix interference.
12) Light gray header is most recent sampling event result.
13) QA/QC Samples were either not detected above the reporting limit or below the EGLE Part 201 Groundwater Generic Cleanup Criteria.

TABLE 1
RACER Trust - Coldwater Road Peregrine Facilities
Per-and Polyfluoroalkyl Substances Sampling Results - Storm Water Samples South Portion of Site

Coldwater Road - Storm Water Samples - South Portion of Site

Perfluorinated Compound / Well/Sample ID: / Sample Date:	EGLE Part 201 Generic Cleanup Criteria and Screening Levels GSI	MH-10E (Storm Sewer) 3/19/2020	MH-10E (Storm Sewer) 8/3/2020	MH-10E-W (Storm Sewer) 8/3/2020	MH-10E-W (Storm Sewer) 12/18/2020	MH-10E-W (Storm Sewer) 3/11/2021	MH-10E-W (Storm Sewer) 8/4/2022	MH-10E-W (Storm Sewer) 1/4/2023
Precipitation Inches		0.01"	1.02"	1.02"	0.01"	0.07"	1.72"	0.15"
Perfluorobutanoic Acid (PFBA)	--	<98	<9.9	<9.8	<10	<10	<9.8	<9.8
Perfluoropentanoic Acid (PFPeA)	--	<9.8	**1.4 J**	**1.3 J**	<4.2	<4.1	**3.5 J**	<3.9
4:2 Fluorotelomer Sulfonic Acid (4:2 FTSA)	--	<9.8	<2.0	<2.0	<2.1	<2.1	<2.0	<2.0
Perfluorohexanoic Acid (PFHxA)	--	<9.8	**2.9**	**2.2**	<2.1	<2.1	**3.2**	**2.9**
Perfluorobutane Sulfonic Acid (PFBS)	**670,000**	<9.8	**1.9 J**	**4.0**	**4.7**	<2.1	**3.5**	**1.9 J**
Perfluoroheptanoic Acid (PFHpA)	--	<9.8	**2.0**	**1.6 J**	<2.1	<2.1	**2.1**	**1.4 J**
Perfluoropentane Sulfonic Acid (PFPeS)	--	<9.8	<2.0	<2.0	<2.1	<2.1	<2.0	<2.0
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	--	<9.8	<2.0	<2.0	<2.1	<2.1	<2.0	<2.0
Perfluorooctanoic Acid (**PFOA**)	**170**	<9.8	**4.8**	**5.8**	<2.1	<2.1	**6.6**	**2.7**
Perfluorohexane Sulfonic Acid (PFHxS)	**210**	<9.8	<2.0	**2.2**	<2.1	<2.1	<2.0	<2.0
Perfluorohexane Sulfonic Acid - LN (PFHxS-LN)	--	<9.8	<2.0	**1.7 J**	<2.1	<2.1	<2.0	<2.0
Perfluorohexane Sulfonic Acid - BR (PFHxS-BR)	--	<9.8	<2.0	<2.0	<2.1	<2.1	<2.0	<2.0
Perfluorononanoic Acid (PFNA)	**30**	<9.8	<2.0	<2.0	<2.1	<2.1	<2.0	<2.0
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	--	<9.8	<2.0	<2.0	<2.1	<2.1	<2.0	<2.0
Perfluoroheptane Sulfonic Acid (PFHpS)	--	<9.8	<2.0	<2.0	<2.1	<2.1	<2.0	<2.0
Perfluorodecanoic Acid (PFDA)	--	<9.8	<2.0	<2.0	<2.1	<2.1	<2.0	<2.0
N-methyl Perfluorooctanesulfonamidoacetic Acid (N-MeFOSAA)	--	<9.8	<2.0	<2.0	<2.1	<2.1	<2.0	<2.0
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	--	<9.8	<3.9	<3.9	<4.2	<4.1	<3.9	<3.9
Perfluorooctane Sulfonic Acid (**PFOS**)	**12**	**70**	**61**	**39**	**10**	**3.2**	**15**	**8.1**
Perfluorooctane Sulfonic Acid (**PFOS**-LN)	--	**49**	**44**	**24**	**3.5**	<2.1	**8.3**	**4.5**
Perfluorooctane Sulfonic Acid (**PFOS**-BR)	--	**19**	**14**	**12**	**5.9**	<2.1	**6.1**	**3.4**
Perfluoroundecanoic Acid (PFUnDA)	--	<9.8	<2.0	<2.0	<2.1	<2.1	<2.0	<2.0
Perfluorononane Sulfonic Acid (PFNS)	--	<9.8	<2.0	<2.0	<2.1	<2.1	<2.0	<2.0
Perfluorododecanoic Acid (PFDoDA)	--	<9.8	<2.0	<2.0	<2.1	<2.1	<2.0	<2.0
Perfluorodecane Sulfonic Acid (PFDS)	--	<9.8	<2.0	<2.0	<2.1	<2.1	<2.0	<2.0
Perfluorotridecanoic Acid (PFTrDA)	--	<9.8	<2.0	<2.0	<2.1	<2.1	<2.0	<2.0
Perfluorooctane Sulfonamide (FOSA)	--	<9.8	<2.0	<2.0	<2.1	<2.1	<2.0	<2.0
Perfluorotetradecanoic Acid (PFTeDA)	--	<9.8	<3.9	<3.9	<4.2	<4.1	<3.9	<3.9
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	--	<9.8	<2.0	<2.0	<2.1	<2.1	<2.0	<2.0
9-chlorohexadecafluoro-3-oxanone1-sulfonic acid (9Cl-PF3ONS)	--	<9.8	<2.0	<2.0	<2.1	<2.1	<2.0	<2.0
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	--	<9.8	<2.0	<2.0	<2.1	<2.1	<2.0	<2.0
Hexafluoropropylene oxide dimer (HFPO-DA)	--	<9.8	<2.0	<2.0	<2.0	<2.1	<9.8	<9.8
3-Perfluoroheptyl propanoic acid (FHpPA (7:3 FTCA))	--	--	--	--	--	--	--	--
3-Perfluoropentyl propanoic acid (FPePA (5:3 FTCA))	--	--	--	--	--	--	--	--
3-Perfluoropropyl propanoic acid (FPrPA (3:3 FTCA))	--	--	--	--	--	--	--	--
Perfluorobutanesulfonamide (PFBSA)	--	--	--	--	--	--	--	--
Perfluoro-4-ethylcyclohexanesulfonate (PFECHS)	--	--	--	--	--	--	--	--
Perfluorohexanesulfonamide (PFHxSA)	--	--	--	--	--	--	--	--
Total Per-and Polyfluoroalkyl Substances	--	**70.0**	**74.0**	**56.1**	**14.7**	**3.2**	**33.9**	**17.0**

Notes
1) Detections in **bold**.
2) Concentrations in ng/L.
3) < = Not detected at specified reporting limit.
4) -- = Not analyzed/No criteria.
5) Dup = Duplicate sample.
6) EGLE Part 201 Groundwater Generic Cleanup Criteria and Screening Levels, October 12, 2023.
7) Concentration above the groundwater surface water interface (GSI) criteria are highlighted in yellow.
8) B - Compound also found in associated method blank.
9) I - Matrix interference with internal standard.
10) J - Estimated value less than reporting limit, but greater than MDL.
11) X - Elevated reporting limit due to matrix interference.
12) Light gray header is most recent sampling event result.
13) QA/QC Samples were either not detected above the reporting limit or below the EGLE Part 201 Groundwater Generic Cleanup Criteria.

TABLE 1
RACER Trust - Coldwater Road Peregrine Facilities
Per-and Polyfluoroalkyl Substances Sampling Results - Storm Water Samples South Portion of Site

Coldwater Road - Storm Water Samples - South Portion of Site

Perfluorinated Compound / Well/Sample ID: / Sample Date:	EGLE Part 201 Generic Cleanup Criteria and Screening Levels GSI	MH-10E-W (Storm Sewer) 3/23/2023	MH-10E-W (Storm Sewer) 6/27/2023	MH-10E-W (Storm Sewer) 12/18/2023	MH-10E-W (Storm Sewer) 6/17/2024	MH-10E-W-20241014 (Storm Sewer) 10/14/2024	MH-10E-W-20250320 (Storm Sewer) 3/20/2025	MH-10E-W-20250619 (Storm Sewer) 6/19/2025
Precipitation Inches		0.15"	0.42"	0.24"	0.45"	0.70"	0.23"	1.77"
Perfluorobutanoic Acid (PFBA)	--	<10	**10**	<9.8	**8.0 J**	<10	<10	<11
Perfluoropentanoic Acid (PFPeA)	--	**1.1 J**	**3.5 J**	<3.9	**1.9 J**	**1.6 J**	<4.1	<4.3
4:2 Fluorotelomer Sulfonic Acid (4:2 FTSA)	--	<2.0	<1.9	<2.0	<1.9	<2.1	<2.0	<2.2
Perfluorohexanoic Acid (PFHxA)	--	<2.0	**3.5**	**2.2**	**2.6**	**2.1**	<2.0	<2.2
Perfluorobutane Sulfonic Acid (PFBS)	**670,000**	<2.0	**7.2**	**3.7**	**3.5**	**2.6**	<2.0	**1.2 J**
Perfluoroheptanoic Acid (PFHpA)	--	<2.0	**2.5**	<3.9	**1.5 J**	<2.1	<2.0	**1.3 J**
Perfluoropentane Sulfonic Acid (PFPeS)	--	<2.0	<1.9	<2.0	<1.9	<2.1	<2.0	<2.2
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	--	<2.0	<1.9	<2.0	<1.9	<2.1	<2.0	<2.2
Perfluorooctanoic Acid (**PFOA**)	**170**	<2.0	**6.9**	**3.4**	**5.5**	<2.1	<2.0	**1.9 J**
Perfluorohexane Sulfonic Acid (PFHxS)	**210**	<2.0	**1.5 J**	<2.0	**1.1 J**	<2.1	<2.0	<2.2
Perfluorohexane Sulfonic Acid - LN (PFHxS-LN)	--	<2.0	**1.5 J**	<2.0	<1.9	<2.1	<2.0	<2.2
Perfluorohexane Sulfonic Acid - BR (PFHxS-BR)	--	<2.0	<1.9	<2.0	<1.9	<2.1	<2.0	<2.2
Perfluorononanoic Acid (PFNA)	**30**	<2.0	**2.0**	<2.0	**1.0 J**	<2.1	<2.0	<2.2
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	--	<2.0	<1.9	<2.0	<1.9	<2.1	<2.0	<2.2
Perfluoroheptane Sulfonic Acid (PFHpS)	--	<2.0	<1.9	<2.0	<1.9	<2.1	<2.0	<2.2
Perfluorodecanoic Acid (PFDA)	--	<2.0	<1.9	<2.0	<1.9	<2.1	<2.0	<2.2
N-methyl Perfluorooctanesulfonamidoacetic Acid (N-MeFOSAA)	--	<2.0	<1.9	<2.0	<1.9	<2.1	<2.0	<2.2
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	--	<4.0	<3.8	<3.9	<3.9	<4.1	<4.1	<4.3
Perfluorooctane Sulfonic Acid (**PFOS**)	**12**	**5.7**	**58**	**22**	**27**	**11**	**6.5**	**6.5**
Perfluorooctane Sulfonic Acid (**PFOS**-LN)	--	**3.9**	**39**	**14**	**17**	**6.4**	**3.7**	**3.2**
Perfluorooctane Sulfonic Acid (**PFOS**-BR)	--	<2.0	**18**	**7.2**	**8.4**	**5.0**	**2.9**	**2.3**
Perfluoroundecanoic Acid (PFUnDA)	--	<2.0	<1.9	<2.0	<1.9	<2.1	<2.0	<2.2
Perfluorononane Sulfonic Acid (PFNS)	--	<2.0	<1.9	<2.0	<1.9	<2.1	<2.0	<2.2
Perfluorododecanoic Acid (PFDoDA)	--	<2.0	<1.9	<2.0	<1.9	<2.1	<2.0	<2.2
Perfluorodecane Sulfonic Acid (PFDS)	--	<2.0	<1.9	<2.0	<1.9	<2.1	<2.0	<2.2
Perfluorotridecanoic Acid (PFTrDA)	--	<2.0	<1.9	<2.0	<1.9	<2.1	<2.0	<2.2
Perfluorooctane Sulfonamide (FOSA)	--	<2.0	<1.9	<2.0	<1.9	<2.1	<2.0	<2.2
Perfluorotetradecanoic Acid (PFTeDA)	--	<4.0	<3.8	<3.9	<3.9	<4.1	<4.1	<4.3
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	--	<2.0	<1.9	<2.0	<1.9	<2.1	<2.0	<2.2
9-chlorohexadecafluoro-3-oxanone1-sulfonic acid (9Cl-PF3ONS)	--	<2.0	<1.9	<2.0	<1.9	<2.1	<2.0	<2.2
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	--	<2.0	<1.9	<2.0	<1.9	<2.1	<2.0	<2.2
Hexafluoropropylene oxide dimer (HFPO-DA)	--	<2.0	<1.9	<9.8	<9.7	<10	<10	<11
3-Perfluoroheptyl propanoic acid (FHpPA (7:3 FTCA))	--	--	<3.8	<9.8	<9.7	<10	<10	<11
3-Perfluoropentyl propanoic acid (FPePA (5:3 FTCA))	--	--	<3.8	<9.8	<9.7	<10	<10	<11
3-Perfluoropropyl propanoic acid (FPrPA (3:3 FTCA))	--	--	<3.8	<9.8	<9.7	<10	<10	<11
Perfluorobutanesulfonamide (PFBSA)	--	--	<1.9	**0.82**	<1.9	<2.1	<2.0	<2.2
Perfluoro-4-ethylcyclohexanesulfonate (PFECHS)	--	--	**9.5**	**2.6**	**2.9**	**2.3**	**1.0 J**	**1.9 J**
Perfluorohexanesulfonamide (PFHxSA)	--	--	<1.9	<2.0	<1.9	<2.1	<2.0	<2.2
Total Per-and Polyfluoroalkyl Substances	--	**6.8**	**104.6**	**34.7**	**55.0**	**19.6**	**7.5**	**12.8**

Notes
1) Detections in **bold**.
2) Concentrations in ng/L.
3) < = Not detected at specified reporting limit.
4) -- = Not analyzed/No criteria.
5) Dup = Duplicate sample.
6) EGLE Part 201 Groundwater Generic Cleanup Criteria and Screening Levels, October 12, 2023.
7) Concentration above the groundwater surface water interface (GSI) criteria are highlighted in yellow.
8) B - Compound also found in associated method blank.
9) I - Matrix interference with internal standard.
10) J - Estimated value less than reporting limit, but greater than MDL.
11) X - Elevated reporting limit due to matrix interference.
12) Light gray header is most recent sampling event result.
13) QA/QC Samples were either not detected above the reporting limit or below the EGLE Part 201 Groundwater Generic Cleanup Criteria.

RAMBOLL

TABLE 2
RACER Trust - Coldwater Road Peregrine Facilities
Per-and Polyfluoroalkyl Substances Sampling Results
Storm Water Samples - West of Site

Coldwater Rd - Storm Water Samples West of Site

Perfluorinated Compound / Well/Sample ID: / Sample Date:	EGLE Part 201 Generic Cleanup Criteria and Screening Levels GSI	SS-06 (Storm Sewer) 8/28/2020	SS-06 (Storm Sewer) 12/18/2020	SS-06 (Storm Sewer) 3/11/2021	SS-DUP-031121 (SS-06) Storm Sewer 3/11/2021	SS-06 (Storm Sewer) 6/29/2021	SS-10 9/7/2022	SS-10 1/4/2023	SS-10 3/23/2023	SS-10 6/27/2023
Perfluorobutanoic Acid (PFBA)	--	<10	<9.9	<10	<11	<11	**11**	<9.7	<9.5	<14 X
Perfluoropentanoic Acid (PFPeA)	--	<4.1	**20**	**1.4 J**	**1.9 J**	**3.1 J**	**7.9**	<3.9	1.7 J	<6.4 X
4:2 Fluorotelomer Sulfonic Acid (4:2 FTSA)	--	<2.0	<2.0	<2.1	<2.1	<2.1	<2.1	<1.9	<1.9	<1.9
Perfluorohexanoic Acid (PFHxA)	--	**1.8 J**	<2.0	<2.1	**1.5 J**	**3.2**	**7.2**	<1.9	**1.4 J**	**3.5**
Perfluorobutane Sulfonic Acid (PFBS)	**670,000**	**2.1**	**1.6 J**	**3.3**	**3.4**	**4.8**	**23**	<1.9	**2.4**	**3.5**
Perfluoroheptanoic Acid (PFHpA)	--	<2.0	<2.0	<2.1	<2.1	<2.1	**5.1**	<1.9	<1.9	**1.9 J**
Perfluoropentane Sulfonic Acid (PFPeS)	--	<2.0	<2.0	**3.2**	**2.2**	<2.1	<2.1	<1.9	<1.9	<1.9
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	--	<2.0	<2.0	<2.1	<2.1	<4.2	<2.1	<1.9	<1.9	<1.9
Perfluorooctanoic Acid (**PFOA**)	**170**	**2.6**	<2.0	<2.1	<2.1	**2.0 J**	**9.7**	<1.9	<1.9	**2.2**
Perfluorohexane Sulfonic Acid (PFHxS)	**210**	**3.4**	<2.0	**9.3**	**9.4**	**2.9**	**4.2**	<1.9	**1.5 J**	<1.9
Perfluorohexane Sulfonic Acid - LN (PFHxS-LN)	--	**2.4**	<2.0	**7.3**	**7.3**	**2.1 J**	**3.0**	<1.9	<1.9	<1.9
Perfluorohexane Sulfonic Acid - BR (PFHxS-BR)	--	<2.0	<2.0	<2.1	<2.1	<2.1	<2.1	<1.9	<1.9	<1.9
Perfluorononanoic Acid (PFNA)	**30**	<2.0	<2.0	<2.1	<2.1	<2.1	<2.1	<1.9	<1.9	<1.9
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	--	<2.0	<2.0	<2.1	<2.1	<2.1	<2.1	<1.9	<1.9	<1.9
Perfluoroheptane Sulfonic Acid (PFHpS)	--	<2.0	<2.0	**2.2**	<2.1	<2.1	<2.1	<1.9	<1.9	<1.9
Perfluorodecanoic Acid (PFDA)	--	<2.0	<2.0	<2.1	<2.1	<2.1	<2.1	<1.9	<1.9	<1.9
N-methyl Perfluorooctanesulfonamidoacetic Acid (N-MeFOSAA)	--	<2.0	<2.0	<2.1	<2.1	<2.1	<2.1	<1.9	<1.9	<1.9
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	--	<4.1	<3.9	<4.1	<4.2	<4.2	<4.1	<3.9	<3.9	<3.9
Perfluorooctane Sulfonic Acid (**PFOS**)	**12**	**85**	**3.6**	**180**	**160**	**14**	**17**	<1.9	**12**	**11**
Perfluorooctane Sulfonic Acid (**PFOS**-LN)	--	**49**	<2.0	**88**	**81**	**5.7**	**3.8**	<1.9	**4.8**	**3.9**
Perfluorooctane Sulfonic Acid (**PFOS**-BR)	--	**37**	<2.0	**86**	**76**	**8.5**	**13**	<1.9	**6.8**	**6.8**
Perfluoroundecanoic Acid (PFUnDA)	--	<2.0	<2.0	<2.1	<2.1	<2.1	<2.1	<1.9	<1.9	<1.9
Perfluorononane Sulfonic Acid (PFNS)	--	<2.0	<2.0	<2.1	<2.1	<2.1	<2.1	<1.9	<1.9	<1.9
Perfluorododecanoic Acid (PFDoDA)	--	<2.0	<2.0	<2.1	<2.1	<2.1	<2.1	<1.9	<1.9	<1.9
Perfluorodecane Sulfonic Acid (PFDS)	--	<2.0	<2.0	<2.1	<2.1	<2.1	<2.1	<1.9	<1.9	<1.9
Perfluorotridecanoic Acid (PFTrDA)	--	<2.0	<2.0	<2.1	<2.1	<2.1	<2.1	<1.9	<1.9	<1.9
Perfluorooctane Sulfonamide (FOSA)	--	<2.0	<2.0	<2.1	<2.1	<2.1	<2.1	<1.9	<1.9	<1.9
Perfluorotetradecanoic Acid (PFTeDA)	--	<4.1	<3.9	<4.1	<4.2	<4.2	<4.1	<3.9	<3.8	<3.9
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	--	<2.0	<2.0	<2.1	<2.1	<2.1	<2.1	<1.9	<1.9	<1.9
9-chlorohexadecafluoro-3-oxanone1-sulfonic acid (9Cl-PF3ONS)	--	<2.0	<2.0	<2.1	<2.1	<2.1	<2.1	<1.9	<1.9	<1.9
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	--	<2.0	<2.0	<2.1	<2.1	<2.1	<2.1	<1.9	<1.9	<1.9
Hexafluoropropylene oxide dimer (HFPO-DA)	--	<2.0	<2.0	<2.1	<2.1	<11	<10	<9.7	<1.9	<1.9
3-Perfluoroheptyl propanoic acid (FHpPA (7:3 FTCA))	--	--	--	--	--	--	--	--	--	<3.9
3-Perfluoropentyl propanoic acid (FPePA (5:3 FTCA))	--	--	--	--	--	--	--	--	--	<3.9
3-Perfluoropropyl propanoic acid (FPrPA (3:3 FTCA))	--	--	--	--	--	--	--	--	--	<3.9
Perfluorobutanesulfonamide (PFBSA)	--	--	--	--	--	--	--	--	--	**2.7**
Perfluoro-4-ethylcyclohexanesulfonate (PFECHS)	--	--	--	--	--	--	--	--	--	**9.7**
Perfluorohexanesulfonamide (PFHxSA)	--	--	--	--	--	--	--	--	--	<1.9
Total Per-and Polyfluoroalkyl Substances	--	**94.9**	**25.2**	**199.4**	**178.4**	**30.0**	**85.1**	**0.0**	**19.0**	**34.5**

Notes
1) Detections in **bold**.
2) Concentrations in ng/L.
3) < = Not detected at specified reporting limit.
4) -- = Not analyzed/No criteria.
5) Dup = Duplicate sample.
6) EGLE Part 201 Groundwater Generic Cleanup Criteria and Screening Levels, October 12, 2023.
7) Concentration above the groundwater surface water interface (GSI) criteria are highlighted in yellow.
8) The detection of PFBA in Field Blank-062520 was caused from the centrifuge tubes leaching out PFBA during the extraction process. The 5X Rule was applied to PFBA detections. If the sample value(s) is less than 5 times the blank concentration (5X Rule), then positive results are qualified "U,"undetected.
9) B - Compound also found in associated method blank.
10) I - Matrix interference with internal standard.
11) J - Estimated value less than reporting limit, but greater than MDL.
12) X - Elevated reporting limit due to matrix interference.
13) Light gray header is most recent sampling event result.
14) QA/QC Samples were either not detected above the reporting limit or below the EGLE Part 201 Groundwater Generic Cleanup Criteria.

RAMBOLL

TABLE 2
RACER Trust - Coldwater Road Peregrine Facilities
Per-and Polyfluoroalkyl Substances Sampling Results
Storm Water Samples - West of Site

Coldwater Rd - Storm Water Samples West of Site

Perfluorinated Compound / Well/Sample ID: / Sample Date:	EGLE Part 201 Generic Cleanup Criteria and Screening Levels GSI	SS-10 12/18/2023	SS-10 6/17/2024	SS-10-20241014 10/14/2024	SS-10-20250320 3/20/2025	SS-10-20250619 6/19/2025	MH-18 (Storm Sewer) 11/5/2019	MH-18 (Storm Sewer) 8/3/2020	MH-18 (Storm Sewer) 12/18/2020	MH-18 (Storm Sewer) 3/11/2021	MH-18 (Storm Sewer) 6/29/2021
Perfluorobutanoic Acid (PFBA)	--	<10	<10	<10	<9.5	**5.7 J**	<20	<10	<10	<9.9	**15**
Perfluoropentanoic Acid (PFPeA)	--	**2.0 J**	<4.1	<4.1	<5.9 X	<4.3	<10	<4.0	<4.1	<3.9	**2.4 J**
4:2 Fluorotelomer Sulfonic Acid (4:2 FTSA)	--	<2.0	<2.0	<2.1	<1.9	<2.2	<10	<2.0	<2.0	<2.0	<2.0
Perfluorohexanoic Acid (PFHxA)	--	**2.0**	**2.2**	<2.1	<1.9	**3.6**	<10	<2.0	<2.0	**1.9 J**	**2.7**
Perfluorobutane Sulfonic Acid (PFBS)	**670,000**	**2.4**	**3.7**	**4.5**	**2.1**	**2.6**	<10	<2.0	**4.8**	**6.8**	**6.3**
Perfluoroheptanoic Acid (PFHpA)	--	<4.1	<2.0	<2.1	<1.9	**1.7 J**	<10	<2.0	<2.0	<2.0	<2.0
Perfluoropentane Sulfonic Acid (PFPeS)	--	<2.0	<2.0	<2.1	<1.9	<2.2	<10	**2.2**	**8.1**	**14**	**13**
6:2 Fluorotelomer Sulfonic Acid (6:2 FTSA)	--	<2.0	<2.0	<2.1	<1.9	<2.2	<10	<2.0	<2.0	<2.0	<3.9
Perfluorooctanoic Acid (**PFOA**)	**170**	**0.99 J**	**2.1**	**1.7 J**	<1.9	**4.6**	<10	<2.0	**1.8 J**	<2.0	**3.7**
Perfluorohexane Sulfonic Acid (PFHxS)	**210**	**1.1 J**	**1.6 J**	<2.1	<1.9	**6.6**	**15**	**8.6**	**33**	**40**	**30**
Perfluorohexane Sulfonic Acid - LN (PFHxS-LN)	--	**1.1 J**	<2.0	<2.1	<1.9	**5.4**	**12**	**7.4**	**28**	**31**	**24**
Perfluorohexane Sulfonic Acid - BR (PFHxS-BR)	--	<2.0	<2.0	<2.1	<1.9	<2.2	<10	<2.0	**4.3**	**7.9**	**5.3**
Perfluorononanoic Acid (PFNA)	**30**	<2.0	<2.0	<2.1	<1.9	<2.2	<10	<2.0	<2.0	<2.0	<2.0
8:2 Fluorotelomer Sulfonic Acid (8:2 FTSA)	--	<2.0	<2.0	<2.1	<1.9	<2.2	<10	<2.0	<2.0	<2.0	<2.0
Perfluoroheptane Sulfonic Acid (PFHpS)	--	<2.0	<2.0	<2.1	<1.9	**1.0 J**	<10	**2.5**	**9.8**	**5.5**	**4.8**
Perfluorodecanoic Acid (PFDA)	--	<2.0	<2.0	<2.1	<1.9	<2.2	<10	<2.0	<2.0	<2.0	<2.0
N-methyl Perfluorooctanesulfonamidoacetic Acid (N-MeFOSAA)	--	<2.0	<2.0	<2.1	<1.9	<2.2	<10	<2.0	<2.0	<2.0	<2.0
N-Ethyl Perfluorooctane Sulfonamidoacetic Acid (EtFOSAA)	--	<4.1	<4.1	<4.1	<3.8	<4.3	<10	<4.0	<4.1	<3.9	<3.9
Perfluorooctane Sulfonic Acid (**PFOS**)	**12**	**11**	**14**	**9.2**	**4.6**	**86**	**210**	**240**	**460**	**280**	**310**
Perfluorooctane Sulfonic Acid (**PFOS**-LN)	--	**2.8**	**4.0**	**4.0**	**1.4 J**	**41**	**110**	**150**	**230**	**130**	**180**
Perfluorooctane Sulfonic Acid (**PFOS**-BR)	--	**7.7**	**9.0**	**5.8**	**2.9**	**44**	**91**	**88**	**230**	**140**	**130**
Perfluoroundecanoic Acid (PFUnDA)	--	<2.0	<2.0	<2.1	<1.9	<2.2	<10	<2.0	<2.0	<2.0	<2.0
Perfluorononane Sulfonic Acid (PFNS)	--	<2.0	<2.0	<2.1	<1.9	<2.2	<10	<2.0	<2.0	<2.0	<2.0
Perfluorododecanoic Acid (PFDoDA)	--	<2.0	<2.0	<2.1	<1.9	<2.2	<10	<2.0	<2.0	<2.0	<2.0
Perfluorodecane Sulfonic Acid (PFDS)	--	<2.0	<2.0	<2.1	<1.9	<2.2	<10	<2.0	<2.0	<2.0	<2.0
Perfluorotridecanoic Acid (PFTrDA)	--	<2.0	<2.0	<2.1	<1.9	<2.2	<10	<2.0	<2.0	<2.0	<2.0
Perfluorooctane Sulfonamide (FOSA)	--	<2.0	<2.0	<2.1	<1.9	<2.2	<10	<2.0	<2.0	<2.0	<2.0
Perfluorotetradecanoic Acid (PFTeDA)	--	<4.1	<4.1	<4.1	<3.8	<4.3	<10	<4.0	<4.1	<3.9	<3.9
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	--	<2.0	<2.0	<2.1	<1.9	<2.2	<10	<2.0	<2.0	<2.0	<2.0
9-chlorohexadecafluoro-3-oxanone1-sulfonic acid (9Cl-PF3ONS)	--	<2.0	<2.0	<2.1	<1.9	<2.2	<10	<2.0	<2.0	<2.0	<2.0
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	--	<2.0	<2.0	<2.1	<1.9	<2.2	<10	<2.0	<2.0	<2.0	<2.0
Hexafluoropropylene oxide dimer (HFPO-DA)	--	<10	<10	<10	<9.5	<11	<10	<2.0	<2.0	<2.0	<9.9
3-Perfluoroheptyl propanoic acid (FHpPA (7:3 FTCA))	--	<10	<10	<10	<9.5	<11	--	--	--	--	--
3-Perfluoropentyl propanoic acid (FPePA (5:3 FTCA))	--	<10	<10	<10	<9.5	<11	--	--	--	--	--
3-Perfluoropropyl propanoic acid (FPrPA (3:3 FTCA))	--	<10	<10	<10	<9.5	<11	--	--	--	--	--
Perfluorobutanesulfonamide (PFBSA)	--	**1.0 J**	**1.6 J**	**2.5**	**1.3 J**	**0.71 J**	--	--	--	--	--
Perfluoro-4-ethylcyclohexanesulfonate (PFECHS)	--	**19**	**13**	**6.9**	**8.6**	**200**	--	--	--	--	--
Perfluorohexanesulfonamide (PFHxSA)	--	<2.0	<2.0	<2.1	<1.9	<2.2	--	--	--	--	--
Total Per-and Polyfluoroalkyl Substances	--	**39.5**	**38.2**	**24.8**	**16.6**	**312.5**	**225.0**	**253.3**	**517.5**	**348.2**	**387.9**

Notes
1) Detections in **bold**.
2) Concentrations in ng/L.
3) < = Not detected at specified reporting limit.
4) -- = Not analyzed/No criteria.
5) Dup = Duplicate sample.
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8) The detection of PFBA in Field Blank-062520 was caused from the centrifuge tubes leaching out PFBA during the extraction process. The 5X Rule was applied to PFBA detections. If the sample value(s) is less than 5 times the blank concentration (5X Rule), then positive results are qualified "U,"undetected.
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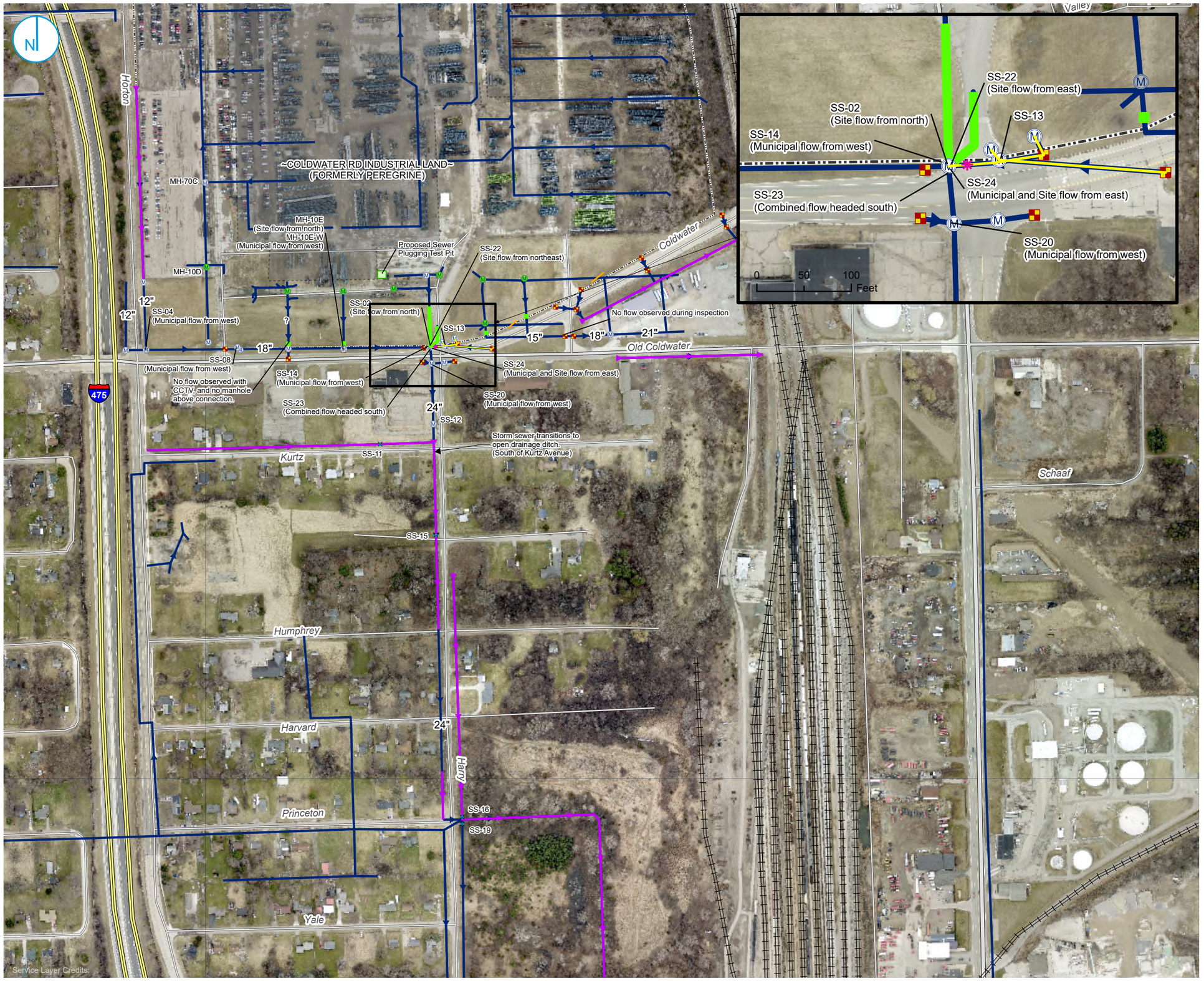
13) Light gray header is most recent sampling event result.
14) QA/QC Samples were either not detected above the reporting limit or below the EGLE Part 201 Groundwater Generic Cleanup Criteria.

FIGURES



- ABANDONED MANHOLE
- STORM SEWER DRAIN
- STORM SEWER MANHOLE
- PIPE PLUG
- SURFACE WATER
- OPEN DRAINAGE DITCH
- STORM SEWER
- PROPOSED SEWER PLUGGING TEST PIT
- PROPOSED CIPP REPAIR
- TEST PIT
- CCTV INSPECTION
- FORMER BUILDING
- PROPERTY BOUNDARY

0 175 350 Feet

GENESEE STORM SEWERS (HORTON ST TO N DORT HWY)

RACER TRUST
COLDWATER ROAD
FLINT, MICHIGAN

FIGURE 01

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

I:\Racer-Trust.1088190\GIS\Coldwater_Road\ProjRACER_ColdwaterRd\Genesee_Storm_Sewers\Figure 1 - Genesee Storm Sewers Horton to N Dort Hwy_rev04042024
PROJECT: 1940113233 | DATED: 7/31/2025 | DESIGNER: MONETANT

- MONITORING WELL / PIEZOMETER
- STORM SEWER MANHOLE
- MANHOLE ABANDONED AND PLUGGED
- CATCH BASIN
- VAULT
- STORM SEWER PIPE PLUG
- STORM SEWER
- PROPERTY BOUNDARY
- (800.93) GROUND ELEVATION
- (798.00) INVERT ELEVATION
- ABANDONED SEWER
- LINED SEWER

Notes

NM indicates not measured.
Locations that do not have an invert measurement only the ground elevation is listed.

0 75 150
Feet

KLEIN STREET AREA STORM SEWER CONFIGURATION

RACER TRUST
COLDWATER ROAD
FLINT, MICHIGAN

FIGURE 02

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

PROJECT: 1690000XXX | DATED: 3/25/2024 | DESIGNER: MONETANT
I:\Racer-Trust.1088190\GIS\Coldwater_Road\Pro\RACER_Coldwater_Road_2022_Annual_LDS_and_GW_Figures.aprx\Figure 2 - Klein St Area Storm Sewer Configuration
I:\Racer-Trust.1088190\GIS\Coldwater_Road\Pro\RACER_Coldwater_Road_2022_Annual_LDS_and_GW_Figures\RACER_Coldwater_Road_2022_Annual_LDS_and_GW_Figures.aprx\Figure 2 - Klein St Area Storm Sewer Configuration

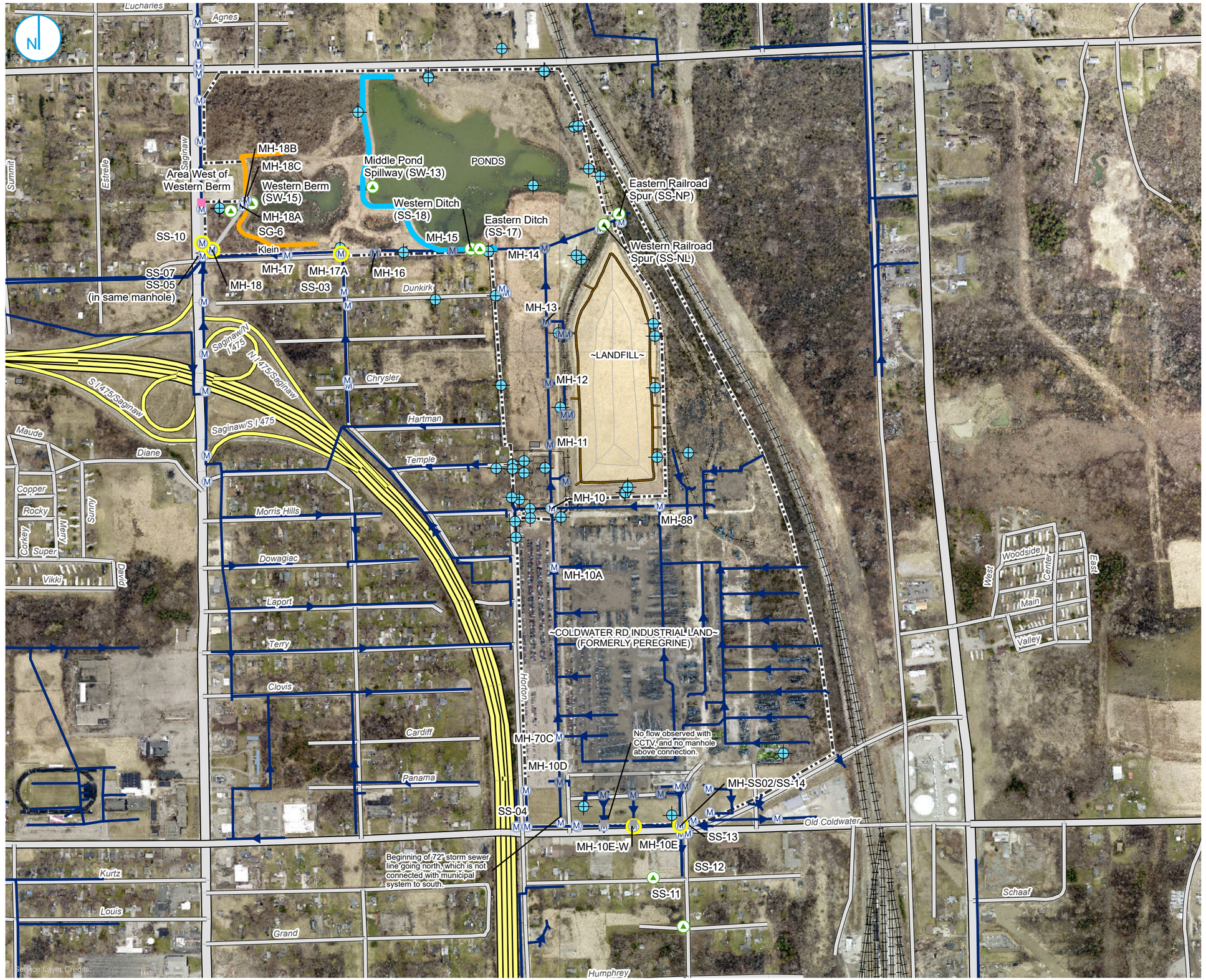
APPENDIX A
STORM WATER MONITORING MATRIX AND FIGURE

TABLE 1
RACER Trust - Coldwater Road
Per- and Polyfluoroalkyl Substances Stormwater Monitoring Matrix

STORM WATER MONITORING LOCATIONS SAMPLE ID / DESCRIPTION	VISUAL FLOW OBSERVATION (YES/NO)	FLOW RATE ESTIMATE (GPM)	SAMPLE COLLECTED FOR PFAS ANALYSIS (YES/NO)	OTHER OBSERVATIONS
SITE & POND AREA **DATE:**	**Thursday, June 19, 2025**			
Middle Pond to Western Pond Spillway - Discharge to Western Pond (Sample ID: **SW-13**)	No flow	--	--	
Western Pond Berm (Sample ID: **SW-15**)	No flow	--	--	
Area West of Western Pond Berm - Check for Ponded Water in Area	Yes	--	--	
MH-18C - Receives discharge, if any, from Western pond	No flow	--	--	
MH-18B - Receives water from MH-18C	No flow	--	--	
MH-18A - Receives water from MH-18B	No flow	--	--	Water discharging from temp system
MH-18 - Receives water from MH-18A, discharge monitoring point (Sample ID: **MH-18**)	Yes	150-200 gpm	--	Flow due to pond discharge
MH-10 - East of Entrance Gate Along Drive (near OBG MW-4) - Check Water Level	6" below rim	--	--	
RAILROAD SPURS EAST OF PONDS				
Eastern RR Spur - Flow from South to North from Peregrine Property (Sample ID: **SS-NP**)	Yes	--	--	
Western RR Spur - Flow from South to North from West of Landfill (Sample ID: **SS-NL**)	Yes	--	--	
DRAINAGE DITCHES WEST OF RMA				
Eastern Ditch - Flow from South (Sample ID: **SS-17**)	Yes	minimal	--	
Western Ditch - Flow from South (Sample ID: **SS-18**)	Yes	minimal	--	
INDIVIDUAL STORM WATER MANHOLES - Klein Street				
Corner of George St and E Klein St - 72-Inch Line from East - Downstream of MH-16 plug (Sample ID: **MH-17A**)	No flow from plug	--	--	
Corner of George St and E Klein St - Flow from the South From Neighborhood	Yes	approx. 4-5 gpm	--	
INDIVIDUAL STORM WATER MANHOLES - Saginaw Road				
Northeast Corner of Saginaw Rd and E Klein St - Flow from the South (Sample ID: **SS-05**)	Yes	--	--	
Northeast Corner of Saginaw Rd and E Klein St - Flow from the East	Yes	--	--	
Northeast Corner of Saginaw Rd and E Klein St - Combined flow toward West Sample ID: **SS-07**)	Yes	--	--	
North of E Klein St on Eastside of Saginaw Rd - Municipal Flow from North (Sample ID: **SS-10**)	Yes	--	YES	
North of E Klein St on Eastside of Saginaw Rd (west of OBG MW-26) - Flow Coming from Site	No flow	--	--	
INDIVIDUAL STORM WATER MANHOLES - Coldwater Road				
Corner of Coldwater Rd and Horton Ave - Municipal Flow from West (Sample ID: **SS-04**)	Yes	--	--	
Coldwater Rd Approx. 170 ft West of MH-10E - Municipal Flow from West (Sample ID: **SS-08**)	Yes	--	--	
Coldwater Rd Approx. 300 ft West of SS-02 - Municipal Flow from West (Sample ID: **MH-10E-W**)	Yes	--	YES	
Coldwater Rd Approx. 300 ft West of SS-02 - Check Plugged Pipe - Flow from RACER Site (Sample ID: **MH-10E**)	No flow from plug	--	--	
Coldwater Rd for Peregrine Site - Municipal Flow from West (Sample ID: **SS-14**)	Yes	15.5 gpm	YES	
Coldwater Rd for Peregrine Site - Check Plugged Pipe - Flow from RACER Site (Sample ID: **SS-02**)	No flow from plug	--	--	

Precipitation Past 24 hours: 1.77"

Note: -- No sample/information was collected.



MONITORING WELL / PIEZOMETER
STORM SEWER MANHOLE
MANHOLE ABANDONED AND PLUGGED
STORM SEWER SAMPLE LOCATION TO BE SAMPLED
SURFACE WATER SAMPLE LOCATION
CATCH BASIN
STORM SEWER PIPE PLUG
STORM SEWER
SEALED STORM SEWER
PROPERTY BOUNDARY
FORMER BUILDING
COMPLETED BERM
MIDDLE POND BERM - ELEV. 792.5

0 325 650 Feet

STORM SEWER / MANHOLE INSPECTION / SAMPLE LOCATIONS

RACER TRUST
COLDWATER ROAD
FLINT, MICHIGAN

FIGURE 01

RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC

RAMBOLL

I:\Racer-Trust.1088190\GIS\Coldwater_Road\ProRACER_ColdwaterRd\2023_StormSewerLiningInspections\1- Figure 1 - Storm Sewer Manhole Inspection_Sampling Locations_05082023

PROJECT: 1940103346 | DATED: 5/8/2023 | DESIGNER: MONETANT

APPENDIX B
ANALYTICAL LABORATORY RESULTS

Analytical Laboratory Report

Revised Report

Report ID: S75865.01(02)
Generated on 07/16/2025
Replaces report S75865.01(01) generated on 07/01/2025

Report to

Attention: Clifford Yantz
Ramboll Americas
2090 Commonwealth Blvd
Ann Arbor, MI 48105

Phone: 313-333-0211 FAX:
Email: Clifford.Yantz@ramboll.com

Addtional Contacts: Kevin Schneider, Nicole Pitkorchemny

Report produced by

Merit Laboratories, Inc.
2680 East Lansing Drive
East Lansing, MI 48823

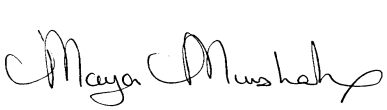
Phone: (517) 332-0167 FAX: (517) 332-6333

Contacts for report questions:
John Laverty (johnlaverty@meritlabs.com)
Barbara Ball (bball@meritlabs.com)

Report Summary

Lab Sample ID(s): S75865.01-S75865.09
Project: RACER Coldwater Road
Collected Date(s): 06/19/2025
Submitted Date/Time: 06/19/2025 14:15
Sampled by: Kevin Schneider
P.O. #: 1940011180 TASK 37

Table of Contents



Maya Murshak
Technical Director

General Report Notes

Analytical results relate only to the samples tested, in the condition received by the laboratory.
Methods may be modified for improved performance.
Results reported on a dry weight basis where applicable.
'Not detected' indicates that parameter was not found at a level equal to or greater than the reporting limit (RL).
When MDL results are provided, then 'Not detected' indicates that parameter was not found at a level equal to or greater than the MDL.
40 CFR Part 136 Table II Required Containers, Preservation Techniques and Holding Times for the Clean Water Act specify that samples for acrolein and acrylonitrile, and 2-chloroethylvinyl ether need to be preserved at a pH in the range of 4 to 5 or if not preserved, analyzed within 3 days of sampling.
QA/QC corresponding to this analytical report is a separate document with the same Merit ID reference and is available upon request.
Starred (*) analytes are not NY NELAP accredited.
Samples are held by the lab for 30 days from the final report date unless a written request to hold longer is provided by the client.

Limits for drinking water samples, are listed as the MCL Limits (Maximum Contaminant Level Concentrations)
PFAS requirement: Section 9.3.8 of U.S. EPA Method 537.1 states "If the method analyte(s) found in the Field Sample is present in the FRB at a concentration greater than 1/3 the MRL, then all samples collected with that FRB are invalid and must be recollected and reanalyzed."
Samples submitted without an accompanying FRB may not be acceptable for compliance purposes.
Wisconsin PFAs analysis: MDL = LOD; RL = LOQ. LOD and LOQ are adjusted for dilution.
All accreditations/certifications held by this laboratory are listed on page 3. Not all accreditations/certifications are applicable to this report.
For a specific list of accredited analytes, please feel free to contact the laboratory or visit https://www.meritlabs.com/certifications.

Report Narrative

Sample tag for .08 revised per client request

Laboratory Accreditations (For Reference Only)

Authority	Accreditation ID
Michigan DEQ	#9956
DOD ELAP & ISO/IEC 17025:2017	#69699 PJLA Testing
WBENC	#2005110032
Ohio VAP	#CL0002
Indiana DOH	#C-MI-07
New York NELAC	#11814
North Carolina DENR	#680
North Carolina DOH	#26702
Pennsylvania DEP	#68-05884
Wisconsin DNR	FID# 399147320

Qualifier Descriptions

Qualifier	Description
!	Result is outside of stated limit criteria
B	Compound also found in associated method blank
E	Concentration exceeds calibration range
F	Analysis run outside of holding time
G	Estimated result due to extraction run outside of holding time
H	Sample submitted and run outside of holding time
I	Matrix interference with internal standard
J	Estimated value less than reporting limit, but greater than MDL
L	Elevated reporting limit due to low sample amount
M	Result reported to MDL not RDL
O	Analysis performed by outside laboratory. See attached report.
R	Preliminary result
S	Surrogate recovery outside of control limits
T	No correction for total solids
X	Elevated reporting limit due to matrix interference
Y	Elevated reporting limit due to high target concentration
b	Value detected less than reporting limit, but greater than MDL
e	Reported value estimated due to interference
j	Analyte also found in associated method blank
o	Associated EIS outside of control limits
p	Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.
q	Qualifier ion ratio outside of control limits
x	Preserved from bulk sample

Glossary of Abbreviations

Abbreviation	Description
RL/RDL	Reporting Limit
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
SW	EPA SW 846 (Soil and Wastewater) Methods
E	EPA Methods
SM	Standard Methods
LN	Linear
BR	Branched

Method Summary

Method	Version
ASTMD7979-19M	ASTM Method D7979 - 19 Modified (Isotopic Dilution)

Parameter Summary

Parameter	Synonym	Cas #
PFBA	Perfluorobutanoic Acid	375-22-4
PFPeA	Perfluoropentanoic Acid	2706-90-3
4:2 FTSA	4:2 Fluorotelomer Sulfonic Acid	757124-72-4
PFHxA	Perfluorohexanoic Acid	307-24-4
PFBS	Perfluorobutane sulfonic Acid	375-73-5
PFHpA	Perfluoroheptanoic Acid	375-85-9
PFPeS	Perfluoropentane Sulfonic Acid	2706-91-4
6:2 FTSA	6:2 Fluorotelomer Sulfonic Acid	27619-97-2
PFOA	Perfluorooctanoic Acid	335-67-1
PFHxS	Perfluorohexane Sulfonic Acid	355-46-4
PFHxS-LN	Perfluorohexane Sulfonic Acid - LN	355-46-4-LN
PFHxS-BR	Perfluorohexane Sulfonic Acid - BR	355-46-4-BR
PFNA	Perfluorononanoic Acid	375-95-1
8:2 FTSA	8:2 Fluorotelomer Sulfonic Acid	39108-34-4
PFHpS	Perfluoroheptane Sulfonic Acid	375-92-8
PFDA	Perfluorodecanoic Acid	335-76-2
N-MeFOSAA	N-methyl perfluorooctanesulfonamidoacetic acid	2355-31-9
EtFOSAA	N-Ethyl Perfluorooctane Sulfonamidoacetic Acid	2991-50-6
PFOS	Perfluorooctane Sulfonic Acid	1763-23-1
PFOS-LN	Perfluorooctane Sulfonic Acid - LN	1763-23-1-LN
PFOS-BR	Perfluorooctane Sulfonic Acid - BR	1763-23-1-BR
PFUnDA	Perfluoroundecanoic Acid	2058-94-8
PFNS	Perfluorononane Sulfonic Acid	68259-12-1
PFDoDA	Perfluorododecanoic Acid	307-55-1
PFDS	Perfluorodecane Sulfonic Acid	335-77-3
PFTrDA	Perfluorotridecanoic Acid	72629-94-8
FOSA	Perfluorooctane Sulfonamide	754-91-6
PFTeDA	Perfluorotetradecanoic Acid	376-06-7
11Cl-PF3OUdS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	763051-92-9
9Cl-PF3ONS	9-chlorohexadecafluoro-3-oxanone1-sulfonic acid	756426-58-1
ADONA	4,8-dioxa-3H-perfluorononanoic acid	919005-14-4
HFPO-DA	Hexafluoropropylene oxide dimer	13252-13-6
FHpPA (7:3 FTCA)	3-Perfluoroheptyl propanoic acid	812-70-4
FPePA (5:3 FTCA)	3-Perfluoropentyl propanoic acid	914637-49-3
FPrPA (3:3 FTCA)	3-Perfluoropropyl propanoic acid	356-02-5
PFBSA	Perfluorobutanesulfonamide	30334-69-1
PFECHS	Perfluoro-4-ethylcyclohexanesulfonate	80988-54-1
PFHxSA	Perfluorohexanesulfonamide	41997-13-1

Sample Summary (9 samples)

Sample ID	Sample Tag	Matrix	Collected Date/Time
S75865.01	SS-16-20250619	Liquid	06/19/25 09:15
S75865.02	SS-15-20250619	Liquid	06/19/25 09:25
S75865.03	SS-12-20250619	Liquid	06/19/25 09:40
S75865.04	SS-14-20250619	Liquid	06/19/25 09:55
S75865.05	SS-24-20250619	Liquid	06/19/25 10:05
S75865.06	SS-23-20250619	Liquid	06/19/25 10:20
S75865.07	SS-13-20250619	Liquid	06/19/25 10:37
S75865.08	MH-10E-W-20250619	Liquid	06/19/25 10:55
S75865.09	SS-10-20250619	Liquid	06/19/25 11:15

Lab Sample ID: S75865.01
Sample Tag: SS-16-20250619
Collected Date/Time: 06/19/2025 09:15
Matrix: Liquid
COC Reference: 56540

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	15mL Centrifuge Tube	None	Yes	3.2	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	11.61/6.48/11	ASTMD7979-19M	06/20/25 15:00	CED	

Organics

34 PFAs, Method: ASTMD7979-19M, Run Date: 06/20/25 19:58, Analyst: CED

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	Not detected	11	2.1	ng/L	2.14	375-22-4	
PFPeA*	2.9	4.3	1.3	ng/L	2.14	2706-90-3	J
4:2 FTSA*	Not detected	2.1	0.21	ng/L	2.14	757124-72-4	
PFHxA*	5.9	2.1	1.3	ng/L	2.14	307-24-4	
PFBS*	2.5	2.1	0.64	ng/L	2.14	375-73-5	
PFHpA*	1.0	2.1	0.86	ng/L	2.14	375-85-9	J
PFPeS*	Not detected	2.1	1.9	ng/L	2.14	2706-91-4	
6:2 FTSA*	Not detected	2.1	1.1	ng/L	2.14	27619-97-2	
PFOA*	2.8	2.1	0.86	ng/L	2.14	335-67-1	
PFHxS*	3.7	2.1	1.1	ng/L	2.14	355-46-4	
PFHxS-LN*	2.6	2.1	1.1	ng/L	2.14	355-46-4-LN	
PFHxS-BR*	Not detected	2.1	1.1	ng/L	2.14	355-46-4-BR	
PFNA*	Not detected	2.1	1.1	ng/L	2.14	375-95-1	
8:2 FTSA*	Not detected	2.1	1.3	ng/L	2.14	39108-34-4	
PFHpS*	1.1	2.1	0.86	ng/L	2.14	375-92-8	J
PFDA*	Not detected	2.1	1.3	ng/L	2.14	335-76-2	
N-MeFOSAA*	Not detected	2.1	1.1	ng/L	2.14	2355-31-9	
EtFOSAA*	Not detected	4.3	1.1	ng/L	2.14	2991-50-6	
PFOS*	140	2.1	0.86	ng/L	2.14	1763-23-1	
PFOS-LN*	100	2.1	0.86	ng/L	2.14	1763-23-1-LN	
PFOS-BR*	38	2.1	0.86	ng/L	2.14	1763-23-1-BR	
PFUnDA*	Not detected	2.1	0.86	ng/L	2.14	2058-94-8	
PFNS*	Not detected	2.1	1.1	ng/L	2.14	68259-12-1	
PFDoDA*	Not detected	2.1	0.64	ng/L	2.14	307-55-1	
PFDS*	Not detected	2.1	1.1	ng/L	2.14	335-77-3	
PFTrDA*	Not detected	2.1	0.86	ng/L	2.14	72629-94-8	
FOSA*	Not detected	2.1	0.86	ng/L	2.14	754-91-6	
PFTeDA*	Not detected	4.3	0.64	ng/L	2.14	376-06-7	
11Cl-PF3OUdS*	Not detected	2.1	1.1	ng/L	2.14	763051-92-9	
9Cl-PF3ONS*	Not detected	2.1	1.1	ng/L	2.14	756426-58-1	
ADONA*	Not detected	2.1	0.64	ng/L	2.14	919005-14-4	
HFPO-DA*	Not detected	11	2.1	ng/L	2.14	13252-13-6	
FHpPA (7:3 FTCA)*	Not detected	11	8.6	ng/L	2.14	812-70-4	
FPePA (5:3 FTCA)*	Not detected	11	4.3	ng/L	2.14	914637-49-3	
FPrPA (3:3 FTCA)*	Not detected	11	4.3	ng/L	2.14	356-02-5	
PFBSA*	Not detected	2.1	0.64	ng/L	2.14	30334-69-1	

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S75865.01 (continued)

Sample Tag: SS-16-20250619

34 PFAs, Method: ASTMD7979-19M, Run Date: 06/20/25 19:58, Analyst: CED (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFECHS*	89	2.1	0.86	ng/L	2.14	80988-54-1	
PFHxSA*	Not detected	2.1	0.64	ng/L	2.14	41997-13-1	

Lab Sample ID: S75865.02
Sample Tag: SS-15-20250619
Collected Date/Time: 06/19/2025 09:25
Matrix: Liquid
COC Reference: 56540

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	15mL Centrifuge Tube	None	Yes	3.2	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	12.15/6.48/11	ASTMD7979-19M	06/20/25 15:00	CED	

Organics

34 PFAs, Method: ASTMD7979-19M, Run Date: 06/20/25 20:18, Analyst: CED

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	8.1	9.7	1.9	ng/L	1.94	375-22-4	J
PFPeA*	2.2	3.9	1.2	ng/L	1.94	2706-90-3	J
4:2 FTSA*	Not detected	1.9	0.19	ng/L	1.94	757124-72-4	
PFHxA*	6.9	1.9	1.2	ng/L	1.94	307-24-4	
PFBS*	2.3	1.9	0.58	ng/L	1.94	375-73-5	
PFHpA*	1.8	1.9	0.78	ng/L	1.94	375-85-9	J
PFPeS*	Not detected	1.9	1.7	ng/L	1.94	2706-91-4	
6:2 FTSA*	Not detected	1.9	0.97	ng/L	1.94	27619-97-2	
PFOA*	3.4	1.9	0.78	ng/L	1.94	335-67-1	
PFHxS*	4.1	1.9	0.97	ng/L	1.94	355-46-4	
PFHxS-LN*	3.4	1.9	0.97	ng/L	1.94	355-46-4-LN	
PFHxS-BR*	Not detected	1.9	0.97	ng/L	1.94	355-46-4-BR	
PFNA*	1.1	1.9	0.97	ng/L	1.94	375-95-1	J
8:2 FTSA*	Not detected	1.9	1.2	ng/L	1.94	39108-34-4	
PFHpS*	1.5	1.9	0.78	ng/L	1.94	375-92-8	J
PFDA*	Not detected	1.9	1.2	ng/L	1.94	335-76-2	
N-MeFOSAA*	Not detected	1.9	0.97	ng/L	1.94	2355-31-9	
EtFOSAA*	Not detected	3.9	0.97	ng/L	1.94	2991-50-6	
PFOS*	180	1.9	0.78	ng/L	1.94	1763-23-1	
PFOS-LN*	130	1.9	0.78	ng/L	1.94	1763-23-1-LN	
PFOS-BR*	44	1.9	0.78	ng/L	1.94	1763-23-1-BR	
PFUnDA*	Not detected	1.9	0.78	ng/L	1.94	2058-94-8	
PFNS*	Not detected	1.9	0.97	ng/L	1.94	68259-12-1	
PFDoDA*	Not detected	1.9	0.58	ng/L	1.94	307-55-1	
PFDS*	Not detected	1.9	0.97	ng/L	1.94	335-77-3	
PFTrDA*	Not detected	1.9	0.78	ng/L	1.94	72629-94-8	
FOSA*	1.1	1.9	0.78	ng/L	1.94	754-91-6	J
PFTeDA*	Not detected	3.9	0.58	ng/L	1.94	376-06-7	
11Cl-PF3OUdS*	Not detected	1.9	0.97	ng/L	1.94	763051-92-9	
9Cl-PF3ONS*	Not detected	1.9	0.97	ng/L	1.94	756426-58-1	
ADONA*	Not detected	1.9	0.58	ng/L	1.94	919005-14-4	
HFPO-DA*	Not detected	9.7	1.9	ng/L	1.94	13252-13-6	
FHpPA (7:3 FTCA)*	Not detected	9.7	7.8	ng/L	1.94	812-70-4	
FPePA (5:3 FTCA)*	Not detected	9.7	3.9	ng/L	1.94	914637-49-3	
FPrPA (3:3 FTCA)*	Not detected	9.7	3.9	ng/L	1.94	356-02-5	
PFBSA*	Not detected	1.9	0.58	ng/L	1.94	30334-69-1	

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S75865.02 (continued)

Sample Tag: SS-15-20250619

34 PFAs, Method: ASTMD7979-19M, Run Date: 06/20/25 20:18, Analyst: CED (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFECHS*	120	1.9	0.78	ng/L	1.94	80988-54-1	
PFHxSA*	Not detected	1.9	0.58	ng/L	1.94	41997-13-1	

Lab Sample ID: S75865.03
Sample Tag: SS-12-20250619
Collected Date/Time: 06/19/2025 09:40
Matrix: Liquid
COC Reference: 56540

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	15mL Centrifuge Tube	None	Yes	3.2	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	11.72/6.48/11	ASTMD7979-19M	06/20/25 15:00	CED	

Organics

34 PFAs, Method: ASTMD7979-19M, Run Date: 06/20/25 20:38, Analyst: CED

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	7.7	11	2.1	ng/L	2.1	375-22-4	J
PFPeA*	3.2	4.2	1.3	ng/L	2.1	2706-90-3	J
4:2 FTSA*	Not detected	2.1	0.21	ng/L	2.1	757124-72-4	
PFHxA*	5.0	2.1	1.3	ng/L	2.1	307-24-4	
PFBS*	2.5	2.1	0.63	ng/L	2.1	375-73-5	
PFHpA*	2.0	2.1	0.84	ng/L	2.1	375-85-9	J
PFPeS*	Not detected	2.1	1.9	ng/L	2.1	2706-91-4	
6:2 FTSA*	Not detected	2.1	1.1	ng/L	2.1	27619-97-2	
PFOA*	4.7	2.1	0.84	ng/L	2.1	335-67-1	
PFHxS*	5.4	2.1	1.1	ng/L	2.1	355-46-4	
PFHxS-LN*	4.2	2.1	1.1	ng/L	2.1	355-46-4-LN	
PFHxS-BR*	Not detected	2.1	1.1	ng/L	2.1	355-46-4-BR	
PFNA*	Not detected	2.1	1.1	ng/L	2.1	375-95-1	
8:2 FTSA*	Not detected	2.1	1.3	ng/L	2.1	39108-34-4	
PFHpS*	1.7	2.1	0.84	ng/L	2.1	375-92-8	J
PFDA*	2.2	2.1	1.3	ng/L	2.1	335-76-2	
N-MeFOSAA*	Not detected	2.1	1.1	ng/L	2.1	2355-31-9	
EtFOSAA*	Not detected	4.2	1.1	ng/L	2.1	2991-50-6	
PFOS*	330	2.1	0.84	ng/L	2.1	1763-23-1	
PFOS-LN*	250	2.1	0.84	ng/L	2.1	1763-23-1-LN	
PFOS-BR*	76	2.1	0.84	ng/L	2.1	1763-23-1-BR	
PFUnDA*	1.5	2.1	0.84	ng/L	2.1	2058-94-8	J
PFNS*	Not detected	2.1	1.1	ng/L	2.1	68259-12-1	
PFDoDA*	1.7	2.1	0.63	ng/L	2.1	307-55-1	J
PFDS*	2.4	2.1	1.1	ng/L	2.1	335-77-3	
PFTrDA*	Not detected	2.1	0.84	ng/L	2.1	72629-94-8	
FOSA*	1.1	2.1	0.84	ng/L	2.1	754-91-6	J
PFTeDA*	Not detected	4.2	0.63	ng/L	2.1	376-06-7	
11Cl-PF3OUdS*	Not detected	2.1	1.1	ng/L	2.1	763051-92-9	
9Cl-PF3ONS*	Not detected	2.1	1.1	ng/L	2.1	756426-58-1	
ADONA*	Not detected	2.1	0.63	ng/L	2.1	919005-14-4	
HFPO-DA*	Not detected	11	2.1	ng/L	2.1	13252-13-6	
FHpPA (7:3 FTCA)*	Not detected	11	8.4	ng/L	2.1	812-70-4	
FPePA (5:3 FTCA)*	Not detected	11	4.2	ng/L	2.1	914637-49-3	
FPrPA (3:3 FTCA)*	Not detected	11	4.2	ng/L	2.1	356-02-5	
PFBSA*	0.65	2.1	0.63	ng/L	2.1	30334-69-1	J

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S75865.03 (continued)

Sample Tag: SS-12-20250619

34 PFAs, Method: ASTMD7979-19M, Run Date: 06/20/25 20:38, Analyst: CED (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFECHS*	120	2.1	0.84	ng/L	2.1	80988-54-1	
PFHxSA*	Not detected	2.1	0.63	ng/L	2.1	41997-13-1	

Lab Sample ID: S75865.04
Sample Tag: SS-14-20250619
Collected Date/Time: 06/19/2025 09:55
Matrix: Liquid
COC Reference: 56540

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	15mL Centrifuge Tube	None	Yes	3.2	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	12.07/6.48/11	ASTMD7979-19M	06/20/25 15:00	CED	

Organics

34 PFAs, Method: ASTMD7979-19M, Run Date: 06/20/25 20:58, Analyst: CED

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	Not detected	9.9	2.0	ng/L	1.97	375-22-4	
PFPeA*	Not detected	3.9	1.2	ng/L	1.97	2706-90-3	
4:2 FTSA*	Not detected	2.0	0.20	ng/L	1.97	757124-72-4	
PFHxA*	Not detected	2.0	1.2	ng/L	1.97	307-24-4	
PFBS*	1.2	2.0	0.59	ng/L	1.97	375-73-5	J
PFHpA*	Not detected	2.0	0.79	ng/L	1.97	375-85-9	
PFPeS*	Not detected	2.0	1.8	ng/L	1.97	2706-91-4	
6:2 FTSA*	Not detected	2.0	0.99	ng/L	1.97	27619-97-2	
PFOA*	1.8	2.0	0.79	ng/L	1.97	335-67-1	J
PFHxS*	Not detected	2.0	0.99	ng/L	1.97	355-46-4	
PFHxS-LN*	Not detected	2.0	0.99	ng/L	1.97	355-46-4-LN	
PFHxS-BR*	Not detected	2.0	0.99	ng/L	1.97	355-46-4-BR	
PFNA*	Not detected	2.0	0.99	ng/L	1.97	375-95-1	
8:2 FTSA*	Not detected	2.0	1.2	ng/L	1.97	39108-34-4	
PFHpS*	Not detected	2.0	0.79	ng/L	1.97	375-92-8	
PFDA*	Not detected	2.0	1.2	ng/L	1.97	335-76-2	
N-MeFOSAA*	Not detected	2.0	0.99	ng/L	1.97	2355-31-9	
EtFOSAA*	Not detected	3.9	0.99	ng/L	1.97	2991-50-6	
PFOS*	12	2.0	0.79	ng/L	1.97	1763-23-1	
PFOS-LN*	6.5	2.0	0.79	ng/L	1.97	1763-23-1-LN	
PFOS-BR*	4.6	2.0	0.79	ng/L	1.97	1763-23-1-BR	
PFUnDA*	Not detected	2.0	0.79	ng/L	1.97	2058-94-8	
PFNS*	Not detected	2.0	0.99	ng/L	1.97	68259-12-1	
PFDoDA*	Not detected	2.0	0.59	ng/L	1.97	307-55-1	
PFDS*	Not detected	2.0	0.99	ng/L	1.97	335-77-3	
PFTrDA*	Not detected	2.0	0.79	ng/L	1.97	72629-94-8	
FOSA*	Not detected	2.0	0.79	ng/L	1.97	754-91-6	
PFTeDA*	Not detected	3.9	0.59	ng/L	1.97	376-06-7	
11Cl-PF3OUdS*	Not detected	2.0	0.99	ng/L	1.97	763051-92-9	
9Cl-PF3ONS*	Not detected	2.0	0.99	ng/L	1.97	756426-58-1	
ADONA*	Not detected	2.0	0.59	ng/L	1.97	919005-14-4	
HFPO-DA*	Not detected	9.9	2.0	ng/L	1.97	13252-13-6	
FHpPA (7:3 FTCA)*	Not detected	9.9	7.9	ng/L	1.97	812-70-4	
FPePA (5:3 FTCA)*	Not detected	9.9	3.9	ng/L	1.97	914637-49-3	
FPrPA (3:3 FTCA)*	Not detected	9.9	3.9	ng/L	1.97	356-02-5	
PFBSA*	Not detected	2.0	0.59	ng/L	1.97	30334-69-1	

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S75865.04 (continued)

Sample Tag: SS-14-20250619

34 PFAs, Method: ASTMD7979-19M, Run Date: 06/20/25 20:58, Analyst: CED (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFECHS*	5.0	2.0	0.79	ng/L	1.97	80988-54-1	
PFHxSA*	Not detected	2.0	0.59	ng/L	1.97	41997-13-1	

Lab Sample ID: S75865.05
Sample Tag: SS-24-20250619
Collected Date/Time: 06/19/2025 10:05
Matrix: Liquid
COC Reference: 56540

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	15mL Centrifuge Tube	None	Yes	3.2	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	11.36/6.48/10	ASTMD7979-19M	06/20/25 15:00	CED	

Organics

34 PFAs, Method: ASTMD7979-19M, Run Date: 06/20/25 21:18, Analyst: CED

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	13	10	2.1	ng/L	2.05	375-22-4	
PFPeA*	3.9	4.1	1.2	ng/L	2.05	2706-90-3	J
4:2 FTSA*	Not detected	2.1	0.21	ng/L	2.05	757124-72-4	
PFHxA*	13	2.1	1.2	ng/L	2.05	307-24-4	
PFBS*	2.9	2.1	0.62	ng/L	2.05	375-73-5	
PFHpA*	2.2	2.1	0.82	ng/L	2.05	375-85-9	
PFPeS*	2.7	2.1	1.8	ng/L	2.05	2706-91-4	
6:2 FTSA*	1.0	2.1	1.0	ng/L	2.05	27619-97-2	J
PFOA*	11	2.1	0.82	ng/L	2.05	335-67-1	
PFHxS*	9.0	2.1	1.0	ng/L	2.05	355-46-4	
PFHxS-LN*	7.1	2.1	1.0	ng/L	2.05	355-46-4-LN	
PFHxS-BR*	Not detected	2.1	1.0	ng/L	2.05	355-46-4-BR	
PFNA*	Not detected	2.1	1.0	ng/L	2.05	375-95-1	
8:2 FTSA*	Not detected	2.1	1.2	ng/L	2.05	39108-34-4	
PFHpS*	3.5	2.1	0.82	ng/L	2.05	375-92-8	
PFDA*	2.3	2.1	1.2	ng/L	2.05	335-76-2	J
N-MeFOSAA*	Not detected	2.1	1.0	ng/L	2.05	2355-31-9	
EtFOSAA*	Not detected	4.1	1.0	ng/L	2.05	2991-50-6	
PFOS*	530	2.1	0.82	ng/L	2.05	1763-23-1	
PFOS-LN*	410	2.1	0.82	ng/L	2.05	1763-23-1-LN	
PFOS-BR*	120	2.1	0.82	ng/L	2.05	1763-23-1-BR	
PFUnDA*	Not detected	2.1	0.82	ng/L	2.05	2058-94-8	
PFNS*	Not detected	2.1	1.0	ng/L	2.05	68259-12-1	
PFDoDA*	Not detected	2.1	0.62	ng/L	2.05	307-55-1	
PFDS*	2.2	2.1	1.0	ng/L	2.05	335-77-3	
PFTrDA*	Not detected	2.1	0.82	ng/L	2.05	72629-94-8	
FOSA*	Not detected	2.1	0.82	ng/L	2.05	754-91-6	
PFTeDA*	Not detected	4.1	0.62	ng/L	2.05	376-06-7	
11Cl-PF3OUdS*	Not detected	2.1	1.0	ng/L	2.05	763051-92-9	
9Cl-PF3ONS*	Not detected	2.1	1.0	ng/L	2.05	756426-58-1	
ADONA*	Not detected	2.1	0.62	ng/L	2.05	919005-14-4	
HFPO-DA*	Not detected	10	2.1	ng/L	2.05	13252-13-6	
FHpPA (7:3 FTCA)*	Not detected	10	8.2	ng/L	2.05	812-70-4	
FPePA (5:3 FTCA)*	Not detected	10	4.1	ng/L	2.05	914637-49-3	
FPrPA (3:3 FTCA)*	Not detected	10	4.1	ng/L	2.05	356-02-5	
PFBSA*	0.80	2.1	0.62	ng/L	2.05	30334-69-1	J

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S75865.05 (continued)

Sample Tag: SS-24-20250619

34 PFAs, Method: ASTMD7979-19M, Run Date: 06/20/25 21:18, Analyst: CED (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFECHS*	250	2.1	0.82	ng/L	2.05	80988-54-1	
PFHxSA*	Not detected	2.1	0.62	ng/L	2.05	41997-13-1	

Lab Sample ID: S75865.06
Sample Tag: SS-23-20250619
Collected Date/Time: 06/19/2025 10:20
Matrix: Liquid
COC Reference: 56540

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	15mL Centrifuge Tube	None	Yes	3.2	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	11.41/6.48/10	ASTMD7979-19M	06/20/25 15:00	CED	

Organics

34 PFAs, Method: ASTMD7979-19M, Run Date: 06/24/25 21:41, Analyst: CED

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	7.9	10	2.0	ng/L	2.03	375-22-4	J
PFPeA*	2.1	4.1	1.2	ng/L	2.03	2706-90-3	J
4:2 FTSA*	Not detected	2.0	0.20	ng/L	2.03	757124-72-4	
PFHxA*	5.2	2.0	1.2	ng/L	2.03	307-24-4	
PFBS*	2.2	2.0	0.61	ng/L	2.03	375-73-5	
PFHpA*	1.8	2.0	0.81	ng/L	2.03	375-85-9	J
PFPeS*	Not detected	2.0	1.8	ng/L	2.03	2706-91-4	
6:2 FTSA*	Not detected	2.0	1.0	ng/L	2.03	27619-97-2	
PFOA*	3.1	2.0	0.81	ng/L	2.03	335-67-1	
PFHxS*	4.7	2.0	1.0	ng/L	2.03	355-46-4	
PFHxS-LN*	3.0	2.0	1.0	ng/L	2.03	355-46-4-LN	
PFHxS-BR*	Not detected	2.0	1.0	ng/L	2.03	355-46-4-BR	
PFNA*	Not detected	2.0	1.0	ng/L	2.03	375-95-1	
8:2 FTSA*	Not detected	2.0	1.2	ng/L	2.03	39108-34-4	
PFHpS*	2.2	2.0	0.81	ng/L	2.03	375-92-8	
PFDA*	Not detected	2.0	1.2	ng/L	2.03	335-76-2	
N-MeFOSAA*	Not detected	2.0	1.0	ng/L	2.03	2355-31-9	
EtFOSAA*	Not detected	4.1	1.0	ng/L	2.03	2991-50-6	
PFOS*	250	2.0	0.81	ng/L	2.03	1763-23-1	
PFOS-LN*	180	2.0	0.81	ng/L	2.03	1763-23-1-LN	
PFOS-BR*	67	2.0	0.81	ng/L	2.03	1763-23-1-BR	
PFUnDA*	Not detected	2.0	0.81	ng/L	2.03	2058-94-8	
PFNS*	Not detected	2.0	1.0	ng/L	2.03	68259-12-1	
PFDoDA*	Not detected	2.0	0.61	ng/L	2.03	307-55-1	
PFDS*	Not detected	2.0	1.0	ng/L	2.03	335-77-3	
PFTrDA*	Not detected	2.0	0.81	ng/L	2.03	72629-94-8	
FOSA*	1.1	2.0	0.81	ng/L	2.03	754-91-6	J
PFTeDA*	Not detected	4.1	0.61	ng/L	2.03	376-06-7	
11Cl-PF3OUdS*	Not detected	2.0	1.0	ng/L	2.03	763051-92-9	
9Cl-PF3ONS*	Not detected	2.0	1.0	ng/L	2.03	756426-58-1	
ADONA*	Not detected	2.0	0.61	ng/L	2.03	919005-14-4	
HFPO-DA*	Not detected	10	2.0	ng/L	2.03	13252-13-6	
FHpPA (7:3 FTCA)*	Not detected	10	8.1	ng/L	2.03	812-70-4	
FPePA (5:3 FTCA)*	Not detected	10	4.1	ng/L	2.03	914637-49-3	
FPrPA (3:3 FTCA)*	Not detected	10	4.1	ng/L	2.03	356-02-5	
PFBSA*	Not detected	2.0	0.61	ng/L	2.03	30334-69-1	

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S75865.06 (continued)

Sample Tag: SS-23-20250619

34 PFAs, Method: ASTMD7979-19M, Run Date: 06/24/25 21:41, Analyst: CED (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFECHS*	130	2.0	0.81	ng/L	2.03	80988-54-1	
PFHxSA*	Not detected	2.0	0.61	ng/L	2.03	41997-13-1	

Lab Sample ID: S75865.07
Sample Tag: SS-13-20250619
Collected Date/Time: 06/19/2025 10:37
Matrix: Liquid
COC Reference: 56540

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	15mL Centrifuge Tube	None	Yes	3.2	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	11.64/6.48/11	ASTMD7979-19M	06/20/25 15:00	CED	

Organics

34 PFAs, Method: ASTMD7979-19M, Run Date: 06/20/25 21:58, Analyst: CED

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	10	11	2.1	ng/L	2.13	375-22-4	J
PFPeA*	2.9	4.3	1.3	ng/L	2.13	2706-90-3	J
4:2 FTSA*	Not detected	2.1	0.21	ng/L	2.13	757124-72-4	
PFHxA*	5.2	2.1	1.3	ng/L	2.13	307-24-4	
PFBS*	2.3	2.1	0.64	ng/L	2.13	375-73-5	
PFHpA*	1.6	2.1	0.85	ng/L	2.13	375-85-9	J
PFPeS*	Not detected	2.1	1.9	ng/L	2.13	2706-91-4	
6:2 FTSA*	Not detected	2.1	1.1	ng/L	2.13	27619-97-2	
PFOA*	3.2	2.1	0.85	ng/L	2.13	335-67-1	
PFHxS*	4.0	2.1	1.1	ng/L	2.13	355-46-4	
PFHxS-LN*	2.8	2.1	1.1	ng/L	2.13	355-46-4-LN	
PFHxS-BR*	Not detected	2.1	1.1	ng/L	2.13	355-46-4-BR	
PFNA*	Not detected	2.1	1.1	ng/L	2.13	375-95-1	
8:2 FTSA*	Not detected	2.1	1.3	ng/L	2.13	39108-34-4	
PFHpS*	Not detected	2.1	0.85	ng/L	2.13	375-92-8	
PFDA*	Not detected	2.1	1.3	ng/L	2.13	335-76-2	
N-MeFOSAA*	Not detected	2.1	1.1	ng/L	2.13	2355-31-9	
EtFOSAA*	Not detected	4.3	1.1	ng/L	2.13	2991-50-6	
PFOS*	100	2.1	0.85	ng/L	2.13	1763-23-1	
PFOS-LN*	70	2.1	0.85	ng/L	2.13	1763-23-1-LN	
PFOS-BR*	32	2.1	0.85	ng/L	2.13	1763-23-1-BR	
PFUnDA*	Not detected	2.1	0.85	ng/L	2.13	2058-94-8	
PFNS*	Not detected	2.1	1.1	ng/L	2.13	68259-12-1	
PFDoDA*	Not detected	2.1	0.64	ng/L	2.13	307-55-1	
PFDS*	Not detected	2.1	1.1	ng/L	2.13	335-77-3	
PFTrDA*	Not detected	2.1	0.85	ng/L	2.13	72629-94-8	
FOSA*	Not detected	2.1	0.85	ng/L	2.13	754-91-6	
PFTeDA*	Not detected	4.3	0.64	ng/L	2.13	376-06-7	
11Cl-PF3OUdS*	Not detected	2.1	1.1	ng/L	2.13	763051-92-9	
9Cl-PF3ONS*	Not detected	2.1	1.1	ng/L	2.13	756426-58-1	
ADONA*	Not detected	2.1	0.64	ng/L	2.13	919005-14-4	
HFPO-DA*	Not detected	11	2.1	ng/L	2.13	13252-13-6	
FHpPA (7:3 FTCA)*	Not detected	11	8.5	ng/L	2.13	812-70-4	
FPePA (5:3 FTCA)*	Not detected	11	4.3	ng/L	2.13	914637-49-3	
FPrPA (3:3 FTCA)*	Not detected	11	4.3	ng/L	2.13	356-02-5	
PFBSA*	Not detected	2.1	0.64	ng/L	2.13	30334-69-1	

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S75865.07 (continued)

Sample Tag: SS-13-20250619

34 PFAs, Method: ASTMD7979-19M, Run Date: 06/20/25 21:58, Analyst: CED (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFECHS*	77	2.1	0.85	ng/L	2.13	80988-54-1	
PFHxSA*	Not detected	2.1	0.64	ng/L	2.13	41997-13-1	

Lab Sample ID: S75865.08
Sample Tag: MH-10E-W-20250619
Collected Date/Time: 06/19/2025 10:55
Matrix: Liquid
COC Reference: 56540

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	15mL Centrifuge Tube	None	Yes	3.2	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	12.04/6.48/12	ASTMD7979-19M	06/20/25 15:00	CED	

Organics

34 PFAs, Method: ASTMD7979-19M, Run Date: 06/24/25 21:21, Analyst: CED

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	Not detected	11	2.2	ng/L	2.16	375-22-4	
PFPeA*	Not detected	4.3	1.3	ng/L	2.16	2706-90-3	
4:2 FTSA*	Not detected	2.2	0.22	ng/L	2.16	757124-72-4	
PFHxA*	Not detected	2.2	1.3	ng/L	2.16	307-24-4	
PFBS*	1.2	2.2	0.65	ng/L	2.16	375-73-5	J
PFHpA*	1.3	2.2	0.86	ng/L	2.16	375-85-9	J
PFPeS*	Not detected	2.2	1.9	ng/L	2.16	2706-91-4	
6:2 FTSA*	Not detected	2.2	1.1	ng/L	2.16	27619-97-2	
PFOA*	1.9	2.2	0.86	ng/L	2.16	335-67-1	J
PFHxS*	Not detected	2.2	1.1	ng/L	2.16	355-46-4	
PFHxS-LN*	Not detected	2.2	1.1	ng/L	2.16	355-46-4-LN	
PFHxS-BR*	Not detected	2.2	1.1	ng/L	2.16	355-46-4-BR	
PFNA*	Not detected	2.2	1.1	ng/L	2.16	375-95-1	
8:2 FTSA*	Not detected	2.2	1.3	ng/L	2.16	39108-34-4	
PFHpS*	Not detected	2.2	0.86	ng/L	2.16	375-92-8	
PFDA*	Not detected	2.2	1.3	ng/L	2.16	335-76-2	
N-MeFOSAA*	Not detected	2.2	1.1	ng/L	2.16	2355-31-9	
EtFOSAA*	Not detected	4.3	1.1	ng/L	2.16	2991-50-6	
PFOS*	6.5	2.2	0.86	ng/L	2.16	1763-23-1	
PFOS-LN*	3.2	2.2	0.86	ng/L	2.16	1763-23-1-LN	
PFOS-BR*	2.3	2.2	0.86	ng/L	2.16	1763-23-1-BR	
PFUnDA*	Not detected	2.2	0.86	ng/L	2.16	2058-94-8	
PFNS*	Not detected	2.2	1.1	ng/L	2.16	68259-12-1	
PFDoDA*	Not detected	2.2	0.65	ng/L	2.16	307-55-1	
PFDS*	Not detected	2.2	1.1	ng/L	2.16	335-77-3	
PFTrDA*	Not detected	2.2	0.86	ng/L	2.16	72629-94-8	
FOSA*	Not detected	2.2	0.86	ng/L	2.16	754-91-6	
PFTeDA*	Not detected	4.3	0.65	ng/L	2.16	376-06-7	
11Cl-PF3OUdS*	Not detected	2.2	1.1	ng/L	2.16	763051-92-9	
9Cl-PF3ONS*	Not detected	2.2	1.1	ng/L	2.16	756426-58-1	
ADONA*	Not detected	2.2	0.65	ng/L	2.16	919005-14-4	
HFPO-DA*	Not detected	11	2.2	ng/L	2.16	13252-13-6	
FHpPA (7:3 FTCA)*	Not detected	11	8.6	ng/L	2.16	812-70-4	
FPePA (5:3 FTCA)*	Not detected	11	4.3	ng/L	2.16	914637-49-3	
FPrPA (3:3 FTCA)*	Not detected	11	4.3	ng/L	2.16	356-02-5	
PFBSA*	Not detected	2.2	0.65	ng/L	2.16	30334-69-1	

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S75865.08 (continued)

Sample Tag: MH-10E-W-20250619

34 PFAs, Method: ASTMD7979-19M, Run Date: 06/24/25 21:21, Analyst: CED (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFECHS*	1.9	2.2	0.86	ng/L	2.16	80988-54-1	J
PFHxSA*	Not detected	2.2	0.65	ng/L	2.16	41997-13-1	

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S75865.09
Sample Tag: SS-10-20250619
Collected Date/Time: 06/19/2025 11:15
Matrix: Liquid
COC Reference: 56540

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	15mL Centrifuge Tube	None	Yes	3.2	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Initial wt. (g) / Final wt. (g) / Volume (ml)*	11.59/6.48/11	ASTMD7979-19M	06/20/25 15:00	CED	

Organics

34 PFAs, Method: ASTMD7979-19M, Run Date: 06/20/25 22:38, Analyst: CED

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFBA*	5.7	11	2.2	ng/L	2.15	375-22-4	J
PFPeA*	Not detected	4.3	1.3	ng/L	2.15	2706-90-3	
4:2 FTSA*	Not detected	2.2	0.22	ng/L	2.15	757124-72-4	
PFHxA*	3.6	2.2	1.3	ng/L	2.15	307-24-4	
PFBS*	2.6	2.2	0.65	ng/L	2.15	375-73-5	
PFHpA*	1.7	2.2	0.86	ng/L	2.15	375-85-9	J
PFPeS*	Not detected	2.2	1.9	ng/L	2.15	2706-91-4	
6:2 FTSA*	Not detected	2.2	1.1	ng/L	2.15	27619-97-2	
PFOA*	4.6	2.2	0.86	ng/L	2.15	335-67-1	
PFHxS*	6.6	2.2	1.1	ng/L	2.15	355-46-4	
PFHxS-LN*	5.4	2.2	1.1	ng/L	2.15	355-46-4-LN	
PFHxS-BR*	Not detected	2.2	1.1	ng/L	2.15	355-46-4-BR	
PFNA*	Not detected	2.2	1.1	ng/L	2.15	375-95-1	
8:2 FTSA*	Not detected	2.2	1.3	ng/L	2.15	39108-34-4	
PFHpS*	1.0	2.2	0.86	ng/L	2.15	375-92-8	J
PFDA*	Not detected	2.2	1.3	ng/L	2.15	335-76-2	
N-MeFOSAA*	Not detected	2.2	1.1	ng/L	2.15	2355-31-9	
EtFOSAA*	Not detected	4.3	1.1	ng/L	2.15	2991-50-6	
PFOS*	86	2.2	0.86	ng/L	2.15	1763-23-1	
PFOS-LN*	41	2.2	0.86	ng/L	2.15	1763-23-1-LN	
PFOS-BR*	44	2.2	0.86	ng/L	2.15	1763-23-1-BR	
PFUnDA*	Not detected	2.2	0.86	ng/L	2.15	2058-94-8	
PFNS*	Not detected	2.2	1.1	ng/L	2.15	68259-12-1	
PFDoDA*	Not detected	2.2	0.65	ng/L	2.15	307-55-1	
PFDS*	Not detected	2.2	1.1	ng/L	2.15	335-77-3	
PFTrDA*	Not detected	2.2	0.86	ng/L	2.15	72629-94-8	
FOSA*	Not detected	2.2	0.86	ng/L	2.15	754-91-6	
PFTeDA*	Not detected	4.3	0.65	ng/L	2.15	376-06-7	
11Cl-PF3OUdS*	Not detected	2.2	1.1	ng/L	2.15	763051-92-9	
9Cl-PF3ONS*	Not detected	2.2	1.1	ng/L	2.15	756426-58-1	
ADONA*	Not detected	2.2	0.65	ng/L	2.15	919005-14-4	
HFPO-DA*	Not detected	11	2.2	ng/L	2.15	13252-13-6	
FHpPA (7:3 FTCA)*	Not detected	11	8.6	ng/L	2.15	812-70-4	
FPePA (5:3 FTCA)*	Not detected	11	4.3	ng/L	2.15	914637-49-3	
FPrPA (3:3 FTCA)*	Not detected	11	4.3	ng/L	2.15	356-02-5	
PFBSA*	0.71	2.2	0.65	ng/L	2.15	30334-69-1	J

J-Estimated value less than reporting limit, but greater than MDL

Lab Sample ID: S75865.09 (continued)

Sample Tag: SS-10-20250619

34 PFAs, Method: ASTMD7979-19M, Run Date: 06/20/25 22:38, Analyst: CED (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PFECHS*	200	2.2	0.86	ng/L	2.15	80988-54-1	
PFHxSA*	Not detected	2.2	0.65	ng/L	2.15	41997-13-1	

Merit Laboratories Login Checklist

Lab Set ID: S75865
Client: RAMBOLL (Ramboll Americas)
Project: RACER Coldwater Road
Submitted: 06/19/2025 14:15 Login User: PFD

Attention: Clifford Yantz
Address: Ramboll Americas
2090 Commonwealth Blvd
Ann Arbor, MI 48105

Phone: 313-333-0211 FAX:
Email: Clifford.Yantz@ramboll.com

Selection				Description	Note
Sample Receiving					
01.	[X] Yes	[ ] No	[ ] N/A	Samples are received at 4C +/- 2C Thermometer #	IR 3.2
02.	[X] Yes	[ ] No	[ ] N/A	Received on ice/ cooling process begun	
03.	[ ] Yes	[X] No	[ ] N/A	Samples shipped	
04.	[ ] Yes	[X] No	[ ] N/A	Samples left in 24 hr. drop box	
05.	[ ] Yes	[ ] No	[X] N/A	Are there custody seals/tape or is the drop box locked	
Chain of Custody					
06.	[X] Yes	[ ] No	[ ] N/A	COC adequately filled out	
07.	[X] Yes	[ ] No	[ ] N/A	COC signed and relinquished to the lab	
08.	[X] Yes	[ ] No	[ ] N/A	Sample tag on bottles match COC	
09.	[ ] Yes	[X] No	[ ] N/A	Subcontracting needed? Subcontacted to:	
Preservation					
10.	[X] Yes	[ ] No	[ ] N/A	Do sample have correct chemical preservation	
11.	[ ] Yes	[ ] No	[X] N/A	Completed pH checks on preserved samples? (no VOAs)	
12.	[ ] Yes	[X] No	[ ] N/A	Did any samples need to be preserved in the lab?	
Bottle Conditions					
13.	[X] Yes	[ ] No	[ ] N/A	All bottles intact	
14.	[X] Yes	[ ] No	[ ] N/A	Appropriate analytical bottles are used	
15.	[X] Yes	[ ] No	[ ] N/A	Merit bottles used	
16.	[X] Yes	[ ] No	[ ] N/A	Sufficient sample volume received	
17.	[ ] Yes	[X] No	[ ] N/A	Samples require laboratory filtration	
18.	[X] Yes	[ ] No	[ ] N/A	Samples submitted within holding time	
19.	[ ] Yes	[ ] No	[X] N/A	Do water VOC, TOX, DO or Alkalinity bottles contain	

Corrective action for all exceptions is to call the client and to notify the project manager.

Client Review By: _____ Date: _____

Merit Laboratories, Inc.

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C.O.C. PAGE # 1 OF 1

56540

CHAIN OF CUSTODY RECORD

REPORT TO

CONTACT NAME: Clifford Yantz / Kevin Schneider
COMPANY: Ramboll
ADDRESS: 2090 Commonwealth Blvd
CITY: Ann Arbor STATE: MI ZIP CODE: 48105
PHONE NO.: 313-333-0211 FAX NO.:
P.O. NO.: 1940011180 Task 37
E-MAIL ADDRESS: clifford.yantz@ramboll.com kevin.schneider@ramboll.com
QUOTE NO.:

INVOICE TO

CONTACT NAME: ~~SAME~~
COMPANY:
ADDRESS:
CITY: STATE: ZIP CODE:
PHONE NO.: FAX NO.: P.O. NO.:

PROJECT NO./NAME: RACER Coldwater Road
SAMPLER(S) - PLEASE PRINT/SIGN NAME: Kevin Schneider

TURNAROUND TIME REQUIRED ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD ☐ OTHER

DELIVERABLES REQUIRED ☐ STANDARD ☒ LEVEL II ☐ LEVEL III ☐ OTHER

MATRIX CODE: GW=GROUNDWATER WW=WASTEWATER S=SOIL L=LIQUID SD=SOLID SL=SLUDGE O=OIL A=AIR W=WASTE M=MISC

ANALYSIS (ATTACH LIST IF MORE SPACE REQUIRED)

MERIT LAB NO.	YEAR DATE	YEAR TIME	SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	# Containers & Preservatives: NONE	HCL	HNO_3	H_2SO_4	NaOH	MeOH	OTHER	PFAS(1979)	SPECIAL INSTRUCTIONS/NOTES
758650.01	6-19-25	0915	SS-16-20250619	L	3	X							X	low level Reporting
.02		0925	SS-15-20250619			X							X	with estimated
.03		0940	SS-12-20250619			X							X	values
.04		0955	SS-[illegible]14-20250619			X							X	
.05		1005	SS-24-20250619			X							X	34 PFAS List
.06		1020	SS-23-20250619			X							X	
.07		1037	SS-13-20250619			X							X	
.08		1055	MH-10E-20250619			X							X	
.09		1115	SS-10-20250619			X							X	

RELINQUISHED BY: SIGNATURE/ORGANIZATION	DATE 6/19/25	TIME 1315	
RECEIVED BY: SIGNATURE/ORGANIZATION	DATE 6/19/25	TIME 1315	
RELINQUISHED BY: SIGNATURE/ORGANIZATION	DATE 6/19/25	TIME 1415	
RECEIVED BY: SIGNATURE/ORGANIZATION	DATE 6/19/25	TIME 1415	

RELINQUISHED BY: SIGNATURE/ORGANIZATION			DATE	TIME	
RECEIVED BY: SIGNATURE/ORGANIZATION			DATE	TIME	
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS	NOTES:	TEMP. ON ARRIVAL	3.2
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS			

PLEASE NOTE: SIGNING ACKNOWLEDGES ACCEPTANCE OF TERMS & CONDITIONS ON REVERSE SIDE