



July 13, 2021

Mr. John Feeney
Wisconsin Department of Natural Resources
Plymouth Service Center
1155 Pilgrim Parkway
Plymouth, WI 53073

Subject: PFAS Contamination Site Investigation

Arkema Coating Resins/Cook Composites & Polymers/Freeman Chemical
340 Railroad Street, Saukville, Wisconsin
BRRTS #: 02-46-000767, FID #: 246004330

Dear Mr. Feeney:

Attached please find the requested PFAS investigation report for the referenced facility performed in accordance with the approved work plan. The laboratory analytical data was previously submitted through the Bureau for Remediation and Development Tracking System (BRRTS) on January 6, 2021.

Please contact me at (713) 483-5060 or by email at keith.linton@TotalEnergies.com (please note the new email address) with any questions or comments.

Sincerely,

A handwritten signature in blue ink that reads "Keith Linton".

Keith Linton
Project Coordinator

JULY 13, 2021

**REPORT OF RESULTS
PFAS CONTAMINATION SITE INVESTIGATION**

**ARKEMA COATING RESINS/COOK COMPOSITES & POLYMERS/FREEMAN CHEMICALS
340 RAILROAD STREET
SAUKVILLE, WISCONSIN
BRRTS #: 02-46-000767, FID #: 246004330**

ENDPOINT PROJECT No. 341-020-004

PREPARED FOR:

**RETIA USA LLC / LEGACY SITE SERVICES
1201 LOUISIANA STREET, SUITE 1800
HOUSTON, TX 77002**

PREPARED BY:

Endpoint Solutions

6871 South Lover's Lane
Franklin, Wisconsin 53132
(414) 427-1200

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This Site Investigation Report was prepared by Endpoint Solutions Corp. for Retia USA LLC / Legacy Site Services in accordance with Wisconsin Administrative Code Chapter NR 716.

Prepared By:

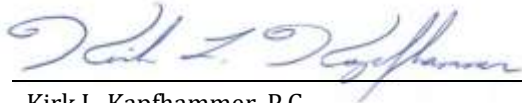


Robert A. Cigale, P.G.
Principal

July 13, 2021

Date

Reviewed By:



Kirk L. Kapfhammer, P.G.
Principal

July 13, 2021

Date

Endpoint Solutions

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CERTIFICATION

HYDROGEOLOGIST

I, Robert A. Cigale, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.



Signature, title

332-13
P.G. number

July 13, 2021
Date



1.0 INTRODUCTION

Endpoint Solutions Corp. (Endpoint) previously prepared and submitted a Site Investigation Work Plan (SIWP) to the Wisconsin Department of Natural Resources (WDNR) on behalf of RETIA USA LLC to evaluate the Arkema Coating Resins/Cook Composites & Polymers/Freeman Chemical facility at 340 Railroad Street in the Village of Saukville, Ozaukee County, Wisconsin (the “Site” or “subject property”) for the presence of contamination associated with per- and polyfluoroalkyl substances (PFAS). The location of the Site is depicted on **Figure 1**. A clarification to the Work Plan was subsequently submitted to the WDNR on May 15, 2020. On July 10, 2020, the WDNR approved the revised SIWP via email.

Based on the background information presented in the Work Plan the PFAS investigation focused on the liquids’ incinerator (Buildings 68 and 69) area, the warehouse and engineering office (Buildings 32 and 39), the fire shed (Building 49) and the unpaved area to the southeast of Buildings 32 and 38.

2.0 SCOPE OF WORK

2.1 SOIL SAMPLING

In order to assess for the presence of PFAS at the Site, we advanced soil borings and collected shallow soil samples in the vicinity of the AR-AFFF storage tanks near the Liquids Incinerator Buildings 68 and 69 (Boring PFAS-1), the Engineering Office Building 39 (Boring PFAS-3) and in the vicinity of the Fire Shed Building 49 (Boring PFAS-2). In addition, we collected shallow soil samples from five (5) soil borings (Borings PFAS-4 through PFAS-8) located in the unpaved area in the southeast portion of the Site where the AR-AFFF foam was discharged during the historic nozzle test.

Note, prior to advancement of any borings, a private locator was utilized to evaluate the boring locations using ground penetration radar (GPR) to avoid encountering any private sewer or extraction well power, controls or discharge pipes. Based on the results of the private locate, the originally proposed locations of Borings PFAS-1, PFAS-5, PFAS-6 and PFAS-8 required field-adjustment to avoid subsurface utilities. For reference, the actual soil sampling locations are depicted on Figure 3.

Note, prior to advancement of any borings, a private locator was utilized to evaluate the boring locations using ground penetration radar (GPR) to avoid encountering any private sewer or extraction well power, controls or discharge pipes. Based on the results of the private locate, the originally proposed locations of Borings PFAS-1, PFAS-5, PFAS-6 and PFAS-8 required field-adjustment to avoid subsurface utilities. For reference, the actual soil sampling locations are depicted on **Figure 3**.

Soil borings at the PFAS-1, PFAS-2 and PFAS-3 locations were advanced to approximately four (4) feet beneath the paved surface. Soil borings at the PFAS-4 through PFAS-8 locations were advanced between approximately four (4) and eight (8) feet below the ground surface. These soil borings were extended to depths sufficient to penetrate surficial layers of miscellaneous fill materials in order to collect samples of the native soils. One (1) sample from each boring location was submitted to TestAmerica/Eurofins laboratory in West Sacramento, California (WI Certified Lab #: 998204680) for analysis of 37 fluorinated alkyl substances using the modified EPA Method 537.

In addition to the soil samples, the following quality assurance/quality control (QA/QC) samples were also submitted:

- Two (2) field blank samples (FB-1 and FB-2), prepared by placing an aliquot of laboratory-supplied PFAS-free water in a laboratory-supplied container;
- Two (2) equipment blank samples (EB-1 and EB-2), prepared by pouring laboratory-supplied PFAS-free water through an unused acetate Macrocore sample liner; and,
- One (1) trip blank sample (TB-1), consisting of the remainder of the laboratory-supplied PFAS-free water transported to the Site with the sample containers and back to the laboratory without being exposed to field conditions.

2.2 GROUNDWATER SAMPLING

Additionally, as part of this scope of work, four (4) monitoring wells screened in the glacial drift (W-44, W-45, W-49 and W-08R) and one (1) monitoring well screened in the shallow dolomite (W-50) were properly purged prior to collecting groundwater samples for PFAS analysis using the modified EPA Method 537. In general, the groundwater purging and sampling was accomplished using new disposable bailers and rope, with the exception of the W-45 monitoring well which contains a slight bend in the protector pipe and well casing. As the bailer could not pass the bent portion of casing, W-45 was purged and sampled using a peristaltic pump with new tygon and silicone tubing. The groundwater samples were submitted to TestAmerica/Eurofins laboratory in West Sacramento, California (WI Certified Lab #: 998204680) for analysis of 37 fluorinated alkyl substances using the modified EPA Method 537.

In addition to the groundwater samples collected, the following QA/QC were also submitted for analysis:

- One (1) field blank sample (FB-1), prepared by placing an aliquot of laboratory-supplied PFAS-free water in a laboratory-supplied container;
- One (1) equipment blank sample (EB-1), prepared by pouring laboratory-supplied PFAS-free water through an unused bailer; and,
- One (1) trip blank sample (TB-1), consisting of the remainder of the laboratory-supplied PFAS-free water transported to the Site with the sample containers and back to the laboratory without being exposed to field conditions.

3.0 RESULTS

3.1 SOIL RESULTS

Concentrations of fluorinated alkyl substances were detected in each of the soil investigation samples submitted. Of the 37 fluorinated alkyl substances analyzed for, only 13 were detected at concentrations above their method detection limits (MDLs). The results of 30 of the 34 reported detections were reported as estimated between the reporting limit (RL) but greater than the MDL; as such these results were qualified with a “J” flag. Furthermore, one (1) result was reported as the estimated maximum possible concentration (EMPC) and was qualified with an “I” flag. Of the 13 PFAS analytes reported with detections above the MDL, only detections of perfluorohexanesulfonic acid (PFHxS) in the samples collected from the PFAS-1 and PFAS-2 sample locations, and a detection of perfluoroheptanesulfonic acid (PFHpS) at the PFAS-1 sample location exceeded their respective RLs.

As of the date of this report of results, the State of Wisconsin has published residual contaminant levels (RCLs) for three (3) of the fluorinated alkyl substances. RCLs have been established for perfluorooctanoic acid (PFOA), perfluorobutanesulfonic acid (PFBS) and perfluorooctanesulfonic acid (PFOS). None of the investigatory samples contained concentration of PFBS above the MDL (0.027 micrograms per kilogram [$\mu\text{g}/\text{kg}$] to 0.053 $\mu\text{g}/\text{kg}$) while the non-industrial direct contact residual contaminant level (RCL) for PFBS is 1,260,000 $\mu\text{g}/\text{kg}$.

Estimated concentrations of PFOA was detected at the PFAS-1 and PFAS-6 locations, 0.13 $\mu\text{g}/\text{kg}$ and 0.10 $\mu\text{g}/\text{kg}$, respectively. The non-industrial direct contact RCL for PFOA is 12,600 $\mu\text{g}/\text{kg}$.

A EMPC concentration of PFOS (2.6 $\mu\text{g}/\text{kg}$) was reported in the sample collected from the PFAS-1 location, while estimated concentrations of PFOS ranging between 0.25 $\mu\text{g}/\text{kg}$ to 0.81 $\mu\text{g}/\text{kg}$ were reported in the samples collected from the PFAS-2, PFAS-3, PFAS-4, PFAS-6 and PFAS-7 locations. The non-industrial direct contact RCL for PFOS is 12,600 $\mu\text{g}/\text{kg}$.

No fluorinated alkyl substances were detected in any of the QA/QC samples submitted with the investigation samples.

The soil analytical results have been summarized in **Table A.2**. A copy of the analytical results and chain-of-custody form are attached in **Appendix A**.

3.2 GROUNDWATER

All five (5) of the groundwater samples submitted contained concentrations of at least one (1) fluorinated alkyl substance above laboratory RLs. In total, 18 of the 37 fluorinated alkyl substances were detected in the groundwater samples collected from the Site. Total fluorinated alkyl substance concentrations ranged between 6.4 nanograms per liter (ng/L) in the sample collected from W-08R to 810.45 ng/L in the sample collected from W-49.

On November 6, 2020, the Wisconsin Department of Health Services (DHS) provided the WDNR recommended groundwater standards for 15 fluorinated alkyl substances. As part of the

recommended standards for the 15 substances, the DHS recommended a combined enforcement standard (ES) of 20 ng/L and a combined preventive action limit (PAL) of 2 ng/L for FOSA, NtFOSE, NtFOSA, NtFOSAA, PFOS and PFOA. Additionally, the USEPA has established a health advisory level of 70 ng/L for a combination of PFOA and PFOS concentrations.

- The groundwater sample collected from glacial drift monitoring well W-08R contained a PAL exceedance for FOSA.
- The groundwater sample collected from glacial drift monitoring well W-44 contained a combined ES exceedance for PFOA, PFOS and NtFOSAA, and a PAL exceedance for PFHxS.
- The groundwater sample collected from glacial drift monitoring well W-45 contained a combined ES exceedance for PFOA and PFOS, and an ES exceedance for PFHxS.
- The groundwater sample collected from glacial drift monitoring well W-49 contained a combined ES exceedance for PFOA and PFOS, and PAL exceedances for perfluorononanoic acid (PFNA) and PFHxS.
- The groundwater sample collected from shallow dolomite piezometer W-50 contained a combined ES exceedance for PFOA and PFOS, and PAL exceedances for PFNA and PFHxS.
- Groundwater samples collected from W-45 and W-49 contained concentrations of total PFOA plus PFOS which exceed the USEPA Health Advisory Level of 70 ng/L.

The field blank (FB-1), equipment blank (EB-1) and trip blank (TB-Water) samples submitted with the groundwater samples were all free of detectable concentrations of any fluorinated alkyl substances.

The groundwater analytical results have been summarized in **Table A.1**. A copy of the analytical results and chain-of-custody form are attached in **Appendix A**.

4.0 DISCUSSION OF RESULTS

While fluorinated alkyl substances were detected in each of the soil samples collected during this assessment, 30 of the 34 results were reported as estimates between their respective MDLs and RLs. None of the estimated or quantifiable results were determined to have exceeded any of the RCLs established by the WDNR. Furthermore, reported results were typically two (2) to four (4) orders of magnitude less than their respective RCLs. Therefore, soils at the Site do not appear to exhibit indications of fluorinated alkyl substance impacts.

Four (4) existing monitoring wells (W-08R, W-44, W-45 and W-49) screened in the glacial drift aquifer and one (1) existing piezometer (W-50) were sampled as part of this assessment. Although groundwater flow in the glacial drift and shallow dolomite aquifers on the Site are influenced by the continued operation of an extensive groundwater recovery system installed in the mid-1980s, generalized flow across the Site is from the west to the east towards the Milwaukee River. While the samples collected from all four (4) of the glacial drift monitoring wells contained fluorinated alkyl substances, the highest concentrations of these contaminants were detected in the samples collected from monitoring wells W-45 and W-49. Both of these locations contained concentrations of PFOA and PFOS in excess of the USEPA Health Advisory Level, however the laboratory narrative noted the presence of particulates in these samples which indicates that they may not be representative or accurately quantify groundwater concentrations particularly in the part per trillion range being sought. The sample collected from the furthest downgradient monitoring well screened in the glacial drift aquifer (W-08R) did not contain detectable concentrations of PFOS or PFOA.

Note, glacial drift monitoring well W-49 and shallow dolomite piezometer W-50 were installed as a nested pair with the wells being located approximately ten (10) feet apart. The fluorinated alkyl substances detected and the relative concentrations of the substances detected in the samples collected from monitoring well W-49 and piezometer W-50 are similar, indicating communication between the glacial drift and shallow dolomite aquifers in this location. Over the past four (4) years, the vertical groundwater gradient at the W-49/W-50 location has averaged approximately 0.16 ft/ft downward.

Based on the results of the groundwater sampling performed as part of this evaluation, fluorinated alkyl substances have been detected in the groundwater at the Site; however, similar to the volatile and semi-volatile organic compound contamination known to exist in the groundwater, it appears the area of fluorinated alkyl substance contamination does not extend off the Site.

5.0 CONCLUSIONS

Based on the lack of an identified area of soils contaminated with fluorinated alkyl substances, the Site does not appear to be a source of fluorinated alkyl substance impacts. While fluorinated alkyl substances were detected in the glacial drift and shallow dolomite aquifers on the Site, the presence of sediments in samples exhibiting the highest concentrations as noted in the laboratory narrative invalidate the quantification of PFAS in these samples. Based on these results we propose to perform an additional PFAS sampling event for the same wells and analytes using the same sampling methodology to determine if the initial results are reproducible and to assess the concentration variability.

In order to evaluate the effect of the particulates noted in the previous samples a second set of samples will be taken from each location using other sampling methods e.g. low flow sampling including collection of turbidity measurements and/or employing field filtering (using glass filters) as appropriate per the sampling method and/or laboratory centrifugation intended to reduce the sediments in the samples such that representative groundwater concentrations can be obtained from the analyses. We propose to collect the additional samples during the semiannual groundwater sampling event scheduled for November 2021.

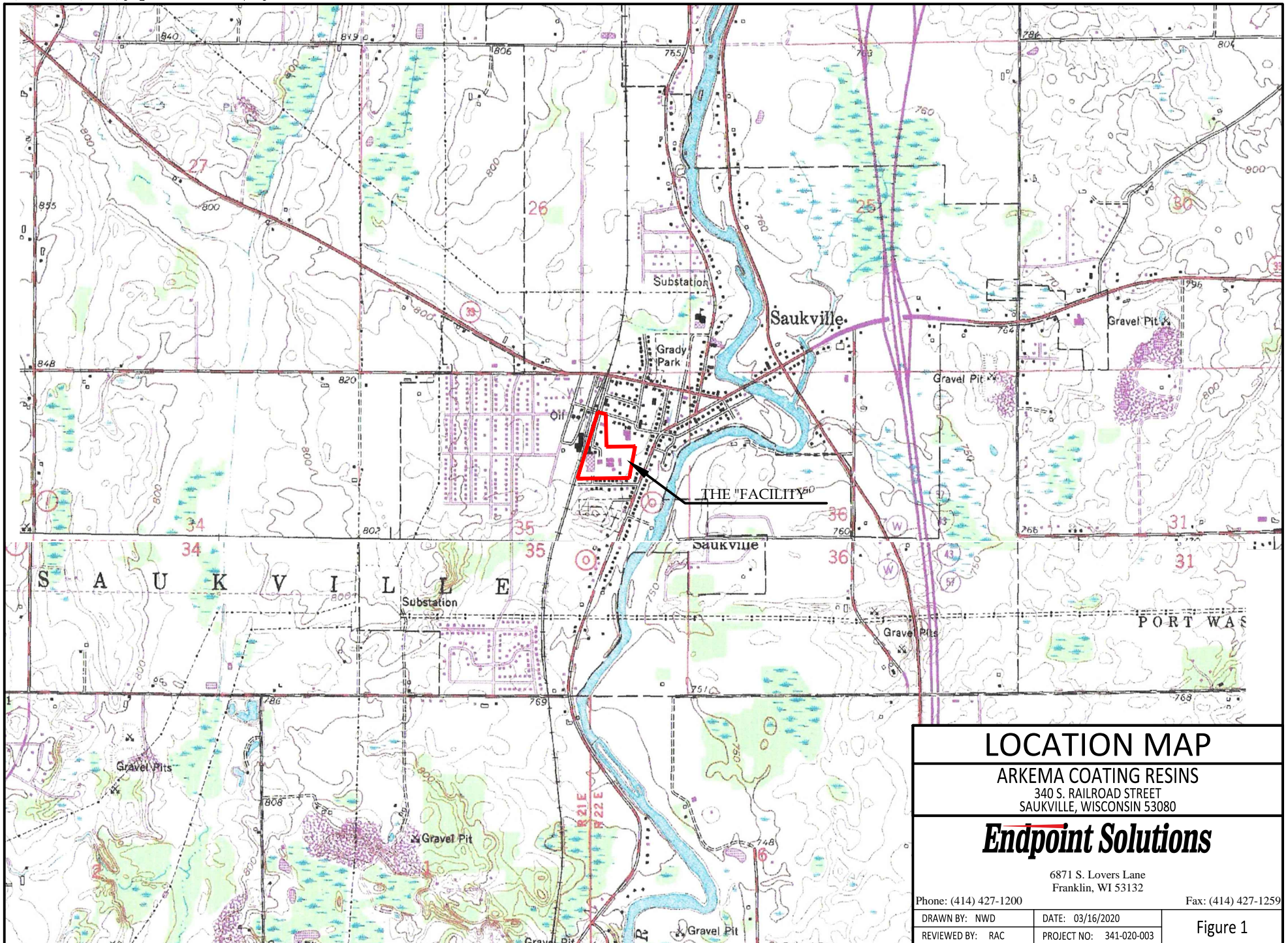
FIGURES

FIGURE 1 – LOCATION MAP

FIGURE 2 – AR-AFFF STORAGE LOCATIONS

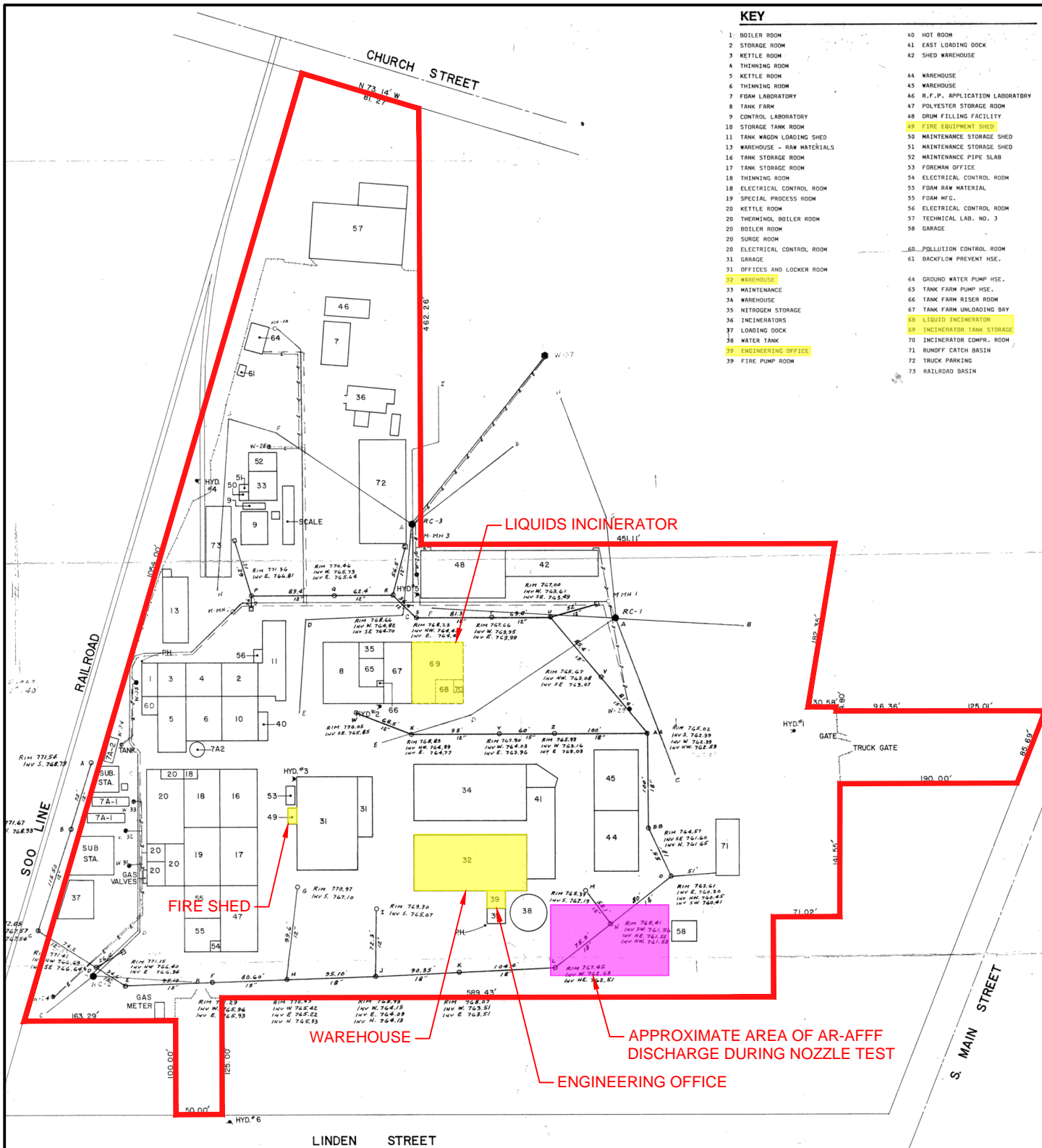
FIGURE 3 – SOIL SAMPLE LOCATIONS

FIGURE 4 – GROUNDWATER SAMPLE LOCATIONS

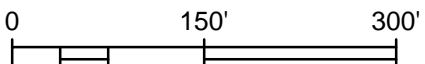


KEY

- 1 BOILER ROOM
- 2 STORAGE ROOM
- 3 KETTLE ROOM
- 4 THINNING ROOM
- 5 KETTLE ROOM
- 6 THINNING ROOM
- 7 FOAM LABORATORY
- 8 TANK FARM
- 9 CONTROL LABORATORY
- 10 STORAGE TANK ROOM
- 11 TANK WAGON LOADING SHED
- 13 WAREHOUSE - RAW MATERIALS
- 16 TANK STORAGE ROOM
- 17 TANK STORAGE ROOM
- 18 THINNING ROOM
- 18 ELECTRICAL CONTROL ROOM
- 19 SPECIAL PROCESS ROOM
- 20 KETTLE ROOM
- 20 THERMINOL BOILER ROOM
- 20 BOILER ROOM
- 20 SURGE ROOM
- 20 ELECTRICAL CONTROL ROOM
- 31 GARAGE
- 31 OFFICES AND LOCKER ROOM
- 32 WAREHOUSE
- 33 MAINTENANCE
- 34 WAREHOUSE
- 35 NITROGEN STORAGE
- 36 INCINERATORS
- 37 LOADING DOCK
- 38 WATER TANK
- 39 ENGINEERING OFFICE
- 39 FIRE PUMP ROOM
- 40 HOT ROOM
- 41 EAST LOADING DOCK
- 42 SHED WAREHOUSE
- 44 WAREHOUSE
- 45 WAREHOUSE
- 46 R.F.P., APPLICATION LABORATORY
- 47 POLYESTER STORAGE ROOM
- 48 DRUM FILLING FACILITY
- 49 FIRE EQUIPMENT SHED
- 50 MAINTENANCE STORAGE SHED
- 51 MAINTENANCE STORAGE SHED
- 52 MAINTENANCE PIPE SLAB
- 53 FOREMAN OFFICE
- 54 ELECTRICAL CONTROL ROOM
- 55 FOAM RAW MATERIAL
- 55 FOAM MFG.
- 56 ELECTRICAL CONTROL ROOM
- 57 TECHNICAL LAB. NO. 3
- 58 GARAGE
- 60 POLLUTION CONTROL ROOM
- 61 BACKFLOW PREVENT. HSE.
- 64 GROUND WATER PUMP HSE.
- 65 TANK FARM PUMP HSE.
- 66 TANK FARM RISER ROOM
- 67 TANK FARM UNLOADING BAY
- 68 LIQUID INCINERATOR
- 69 INCINERATOR TANK STORAGE
- 70 INCINERATOR COMP. ROOM
- 71 RUNOFF CATCH BASIN
- 72 TRUCK PARKING
- 73 RAILROAD BASIN



— SUBJECT PROPERTY
 AR-AFF STORAGE LOCATION



AR-AFF STORAGE LOCATIONS

ARKEMA COATING RESINS
 340 S. RAILROAD STREET
 SAUKVILLE, WISCONSIN 53080

Endpoint Solutions

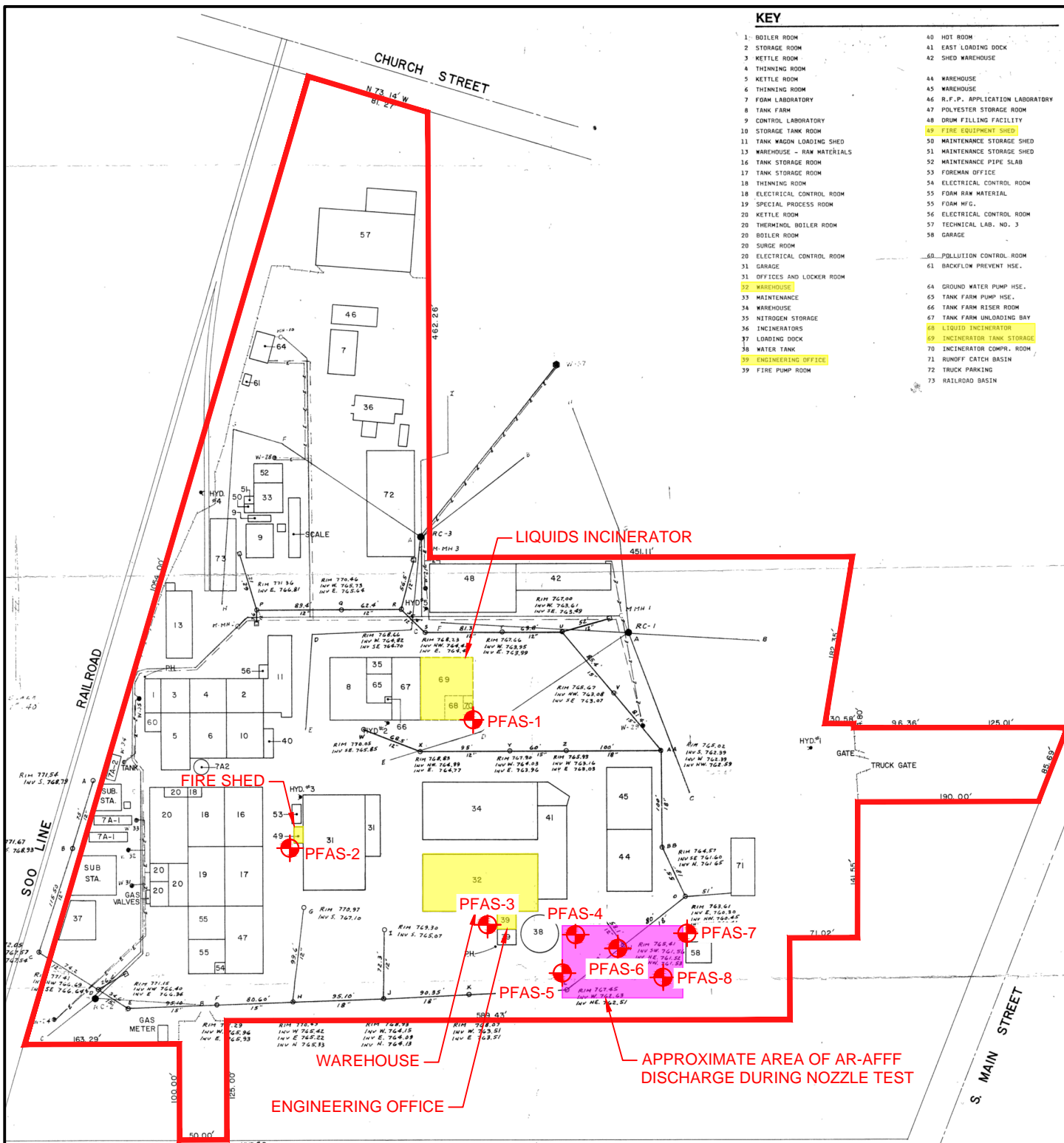
6871 S. Lovers Lane
 Franklin, WI 53132

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 REVIEWED BY: RAC PROJECT NO: 341-020-003

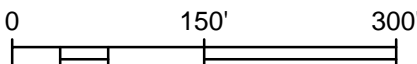
Figure 2

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— SUBJECT PROPERTY
 AR-AFFF STORAGE LOCATION
⊗ SOIL SAMPLE LOCATION



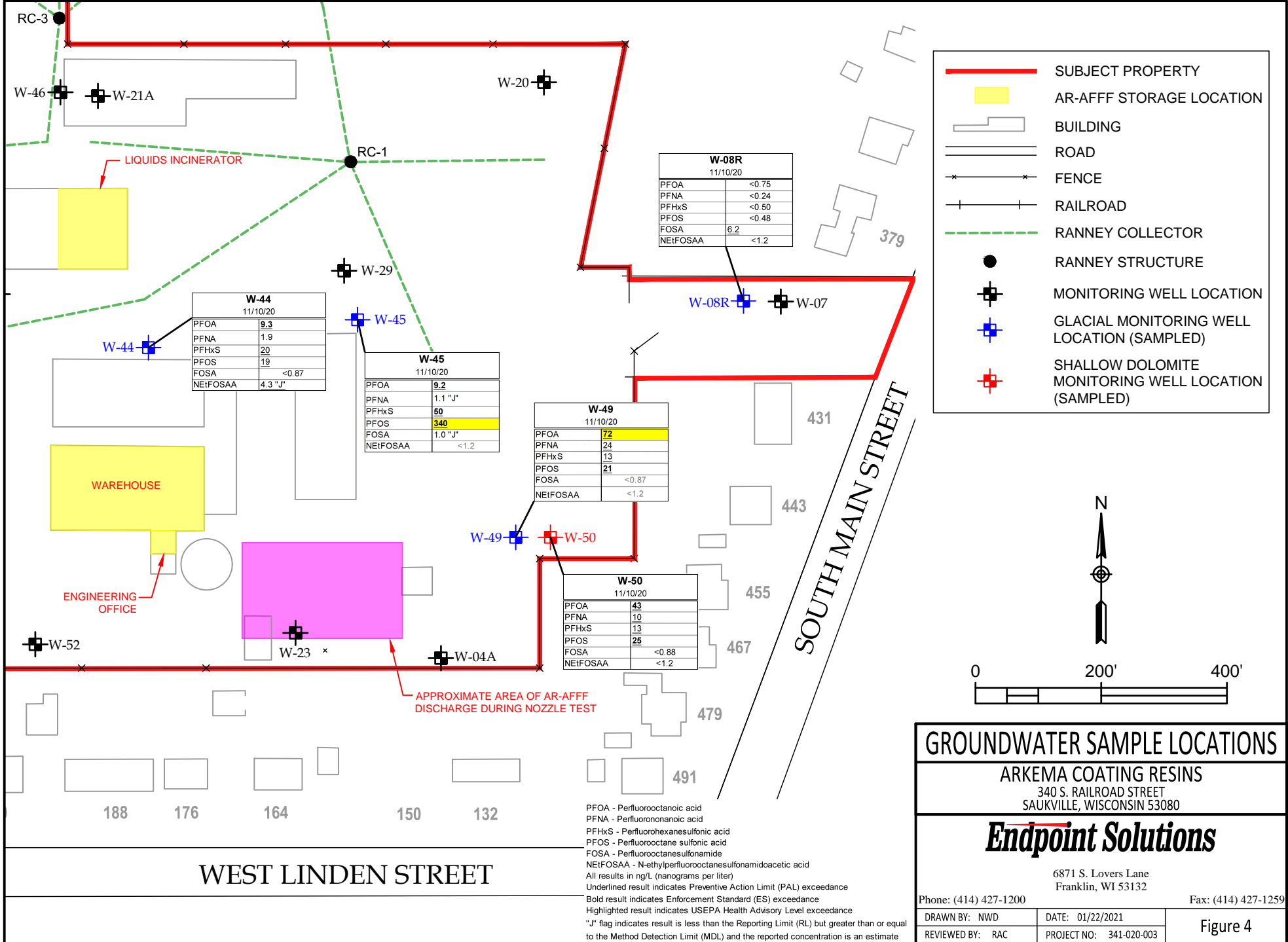
SOIL SAMPLE LOCATIONS

ARKEMA COATING RESINS
 340 S. RAILROAD STREET
 SAUKVILLE, WISCONSIN 53080

Endpoint Solutions

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Phone: (414) 427-1200		Fax: (414) 427-1259
DRAWN BY: NWD	DATE: 12/09/2020	Figure 3
REVIEWED BY: RAC	PROJECT NO: 341-020-003	



PFOA - Perfluorooctanoic acid
 PFNA - Perfluorononanoic acid
 PFHxS - Perfluorohexanesulfonic acid
 PFOS - Perfluorooctane sulfonic acid
 FOSA - Perfluorooctanesulfonamide
 NEIFOSAA - N-ethylperfluorooctanesulfonamidoacetic acid
 All results in ng/L (nanograms per liter)
 Underlined result indicates Preventive Action Limit (PAL) exceedance
 Bold result indicates Enforcement Standard (ES) exceedance
 Highlighted result indicates USEPA Health Advisory Level exceedance
 "J" flag indicates result is less than the Reporting Limit (RL) but greater than or equal to the Method Detection Limit (MDL) and the reported concentration is an estimate

TABLES

TABLE A.1 – GROUNDWATER ANALYTICAL RESULTS - PFAS

TABLE A.2 – SOIL ANALYTICAL RESULTS- PFAS

Table A.1
Groundwater Analytical Results - PFAS

Arkema Coating Resins
Saukville, Wisconsin

	CAS Number	Proposed WDNR	Proposed	USEPA Health	W-08R	W-44	W-45	W-49	W-50	FB-1	EB-1	TB-Water
		Preventive Action Limit (ng/L)*	Enforcement Standard (ng/L)*		Advisory Level - (ng/L)*	Glacial	Glacial	Glacial	Glacial	Shallow Dolomite		
					11/10/20	11/10/20	11/10/20	11/10/20	11/10/20	11/10/20	11/10/20	11/10/20
Fluorinated Alkyl Substances (ng/L)												
Perfluorobutanoic acid (PFBA)	375-22-4	<u>2,000</u>	10,000	--	<2.1	15	3.9 "J"	72	50	<2.3	<2.2	<2.9
Perfluoropentanoic acid (PFPeA)	2706-90-3	--	--	--	<0.43	13	5.4	240	160	<0.48	<0.45	<0.59
Perfluorohexanoic acid (PFHxA)	307-24-4	<u>30,000</u>	150,000	--	<0.51	12	6.6	160	110	<0.56	<0.53	<0.69
Perfluoroheptanoic acid (PFHpA)	375-85-9	--	--	--	<0.22	7.2	3.8	180	98	<0.24	<0.23	<0.30
Perfluorooctanoic acid (PFOA)	335-67-1	<u>2</u>	20	70	<0.75	9.3	9.2	72	43	<0.82	<0.78	<1.0
Perfluorononanoic acid (PFNA)	375-95-1	<u>3</u>	30	--	<0.24	1.9	1.1 "J"	<u>24</u>	<u>10</u>	<0.26	<0.25	<0.32
Perfluorodecanoic acid (PFDA)	335-76-2	<u>60</u>	300	--	<0.27	<0.27	<0.28	11	1.7 "J"	<0.30	<0.28	<0.37
Perfluoroundecanoic acid (PFUnA)	2058-94-8	<u>600</u>	3,000	--	<0.97	<0.97	<0.99	<0.98	<0.99	<1.1	<1.0	<1.3
Perfluorododecanoic acid (PFDoA)	307-55-1	<u>100</u>	500	--	<0.49	<0.49	<0.49	0.77 "J"	<0.49	<0.53	<0.50	<0.66
Perfluorotridecanoic acid (PFTriA)	72629-94-8	--	--	--	<1.2	<1.2	<1.2	<1.2	<1.2	<1.3	<1.2	<1.6
Perfluorotetradecanoic acid (PFTeA)	376-06-7	<u>2,000</u>	10,000	--	<0.65	<0.65	<0.66	<0.65	<0.66	<0.71	<0.67	<0.87
Perfluoro-n-hexadecanoic acid (PFHxDA)	67905-19-5	--	--	--	<0.79	<0.79	<0.80	<0.79	<0.80	<0.86	<0.82	<1.1
Perfluoro-n-octadecanoic acid (PFODA)	16517-11-6	<u>80,000</u>	400,000	--	<0.83	<0.83	<0.85	<0.83	<0.84	<0.91	<0.86	<1.1
Perfluorobutanesulfonic acid (PFBS)	375-73-5	<u>90,000</u>	450,000	--	0.20 "J"	3.3	2.4	1.5 "J"	1.4 "J"	<0.19	<0.18	<0.24
Perfluoropentanesulfonic acid (PFPeS)	2706-91-4	--	--	--	<0.27	1.9	3.4	0.68 "J"	0.60 "J"	<0.29	<0.27	<0.36
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	<u>4</u>	40	--	<0.50	<u>20</u>	50	13	13	<0.55	<0.52	<0.68
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	--	--	--	<0.17	0.31 "J"	5.1	<0.17	<0.17	<0.18	<0.17	<0.23
Perfluorooctane sulfonic acid (PFOS)	1763-23-1	<u>2</u>	20	70	<0.48	19	340	21	25	<0.52	<0.49	<0.65
Perfluorononanesulfonic acid (PFNS)	68259-12-1	--	--	--	<0.33	<0.33	<0.33	<0.33	<0.33	<0.36	<0.34	<0.44
Perfluorodecanesulfonic acid (PFDS)	335-77-3	--	--	--	<0.26	<0.28	<0.29	<0.28	<0.29	<0.31	<0.29	<0.38
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	--	--	--	<0.86	<0.86	<0.87	<0.86	<0.87	<0.94	<0.89	<1.2
Perfluorooctanesulfonamide (FOSA)	754-91-6	<u>2</u>	20	--	6.2	<0.87	1.0 "J"	<0.87	<0.88	<0.95	<0.90	<1.2
NEtFOSA	4151-50-2	<u>2</u>	20	--	<0.77	<0.77	<0.78	<0.77	<0.78	<0.84	<0.80	<1.0
NMeFOSA	31506-32-8	--	--	--	<0.38	<0.38	<0.39	<0.38	<0.39	<0.42	<0.39	<0.51
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2355-31-9	--	--	--	<1.1	<1.1	<1.1	<1.1	<1.1	<1.2	<1.1	<1.4
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2991-50-6	<u>2</u>	20	--	<1.2	4.3 "J"	<1.2	<1.2	<1.2	<1.3	<1.2	<1.6
NMeFOSE	24448-09-7	--	--	--	<1.2	<1.2	<1.3	<1.2	<1.3	<1.4	<1.3	<1.7
NEtFOSE	1691-99-2	<u>2</u>	20	--	<0.75	<0.75	<0.76	<0.75	<0.76	<0.82	<0.78	<1.0
4:2 FTS	757124-72-4	--	--	--	<0.21	<0.21	<0.22	<0.21	<0.22	<0.23	<0.22	<0.29
6:2 FTS	27619-97-2	--	--	--	<2.2	<2.2	<2.2	5.5	4.8	<2.4	<2.3	<3.0
8:2 FTS	39108-34-4	--	--	--	<0.41	0.43 "J"	<0.41	3.9	3.2	<0.45	<0.42	<0.55
10:2 FTS	120226-60-0	--	--	--	<0.59+	2.1	<0.60	5.1	<0.60	<0.65	<0.61	<0.80
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	919005-14-4	<u>600</u>	3,000	--	<0.35	<0.35	<0.36	<0.36	<0.36	<0.39	<0.37	<0.48
HFPO-DA (GenX)	13252-13-6	<u>30</u>	300	--	<1.3	<1.3	<1.3	<1.3	<1.3	<1.5	<1.4	<1.8
F-53B Major	756426-58-1	--	--	--	<0.21	<0.21	<0.22	<0.21	<0.22	<0.23	<0.22	<0.29
F-53B Minor	763051-92-9	--	--	--	<0.28	<0.28	<0.29	<0.28	<0.29	<0.31	<0.29	<0.38
Total fluorinated alkyl substances					6.4	109.74	431.9	810.45	520.7	0	0	0

Notes:

ng/L : nanograms per liter

*: Standards apply to a combination of PFOA and PFOS when both are present

"J" : Result is less than the Reporting Limit (RL) but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value

Preventive Action Limits and Enforcement Standards based on DHS Recommended Groundwater Standards - Cycle 11 (November 6, 2020)

--: No established standard

The DHS recommends a combined enforcement standard of 20 ng/L and a combined preventive action limit of 2 ng/L for FOSA, NEtFOSE, NEtFOSA, NEtFOSAA, PFOS and PFOA

Table A.2
Soil Analytical Results - PFAS

Arkema Coating Resins
Saukville, Wisconsin

PFAS Analyte	CAS Number	Units	Industrial Direct Contact RCL	Non-Industrial Direct Contact RCL	PFAS-1	PFAS-2	PFAS-3	PFAS-4	PFAS-5	PFAS-6	PFAS-7	PFAS-8	EB-1	EB-2	FB-1	FB-2	TB-Soil
					11/10/20 3-4'	11/10/20 2-4'	11/10/20 4-6'	11/10/20 6-8'	11/10/20 3-5'	11/10/20 5-7'	11/10/20 4-5'	11/10/20 6-8'	11/10/20	11/10/20	11/10/20	11/10/20	11/10/20
Perfluorobutanoic acid (PFBA)	375-22-4	ug/Kg			0.10 "J,B"	0.16 "J,B"	0.14 "J,B"	<0.060	0.14 "J,B"	0.17 "J,B"	0.14 "J,B"	0.11 "J,B"	<2.2	<2.2	<2.2	<2.2	<2.2
Perfluoropentanoic acid (PFPeA)	2706-90-3	ug/Kg			<0.094	<0.089	<0.087	<0.16	<0.082	0.14 "J"	0.12 "J"	<0.085	<0.45	<0.45	<0.45	<0.45	<0.45
Perfluorohexanoic acid (PFHxA)	307-24-4	ug/Kg			<0.051	<0.048	<0.048	<0.090	<0.045	0.099 "J"	0.065 "J"	<0.047	<0.53	<0.53	<0.54	<0.53	<0.54
Perfluoroheptanoic acid (PFHpA)	375-85-9	ug/Kg			<0.035	<0.033	0.040 "J"	0.079 "J"	0.033 "J"	0.083 "J"	0.11 "J"	0.033 "J"	<0.23	<0.23	<0.23	<0.23	<0.23
Perfluorooctanoic acid (PFOA)	335-67-1	ug/Kg	16,400	12,600	0.13 "J"	<0.099	<0.098	<0.18	<0.091	0.10 "J"	<0.094	<0.095	<0.78	<0.78	<0.79	<0.78	<0.79
Perfluorononanoic acid (PFNA)	375-95-1	ug/Kg			<0.044	<0.041	<0.041	<0.077	<0.038	<0.039	0.055 "J"	<0.040	<0.25	<0.25	<0.25	<0.25	<0.25
Perfluorodecanoic acid (PFDA)	335-76-2	ug/Kg			<0.027	<0.025	<0.025	<0.047	<0.023	<0.024	0.067 "J"	<0.024	<0.29	<0.29	<0.29	<0.29	<0.29
Perfluoroundecanoic acid (PFUnA)	2058-94-8	ug/Kg			<0.044	<0.041	<0.041	<0.077	<0.038	<0.039	<0.040	<0.040	<1.0	<1.0	<1.0	<1.0	<1.0
Perfluorododecanoic acid (PFDoA)	307-55-1	ug/Kg			<0.081	<0.077	<0.076	<0.14	<0.071	<0.073	<0.074	<0.074	<0.51	<0.51	<0.51	<0.51	<0.51
Perfluorotridecanoic acid (PFTriA)	72629-94-8	ug/Kg			<0.062	<0.059	<0.058	<0.11	<0.054	<0.056	<0.056	<0.057	<1.2	<1.2	<1.2	<1.2	<1.2
Perfluorotetradecanoic acid (PFTeA)	376-06-7	ug/Kg			<0.066	<0.062	<0.061	<0.12	<0.057	<0.059	<0.059	<0.060	<0.67	<0.67	<0.68	<0.67	<0.67
Perfluoro-n-hexadecanoic acid (PFHxDA)	67905-19-5	ug/Kg			<0.054	<0.051	<0.050	<0.094	<0.047	<0.048	<0.048	<0.049	<0.82	<0.82	<0.82	<0.82	<0.82
Perfluoro-n-octadecanoic acid (PFODA)	16517-11-6	ug/Kg			<0.034	<0.032	<0.032	<0.060	<0.030	<0.031	<0.031	<0.031	<0.87	<0.87	<0.87	<0.87	<0.87
Perfluorobutanesulfonic acid (PFBS)	375-73-5	ug/Kg	16,400,000	1,260,000	<0.030	<0.029	<0.028	<0.053	<0.027	<0.027	<0.027	<0.028	<0.18	<0.18	<0.19	<0.18	<0.18
Perfluoropentanesulfonic acid (PFPeS)	2706-91-4	ug/Kg			0.053 "J"	<0.023	<0.023	<0.043	<0.021	<0.022	<0.022	<0.022	<0.28	<0.28	<0.28	<0.28	<0.28
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	ug/Kg			1.8	0.69	<0.035	<0.066	<0.033	<0.034	<0.034	<0.034	<0.53	<0.52	<0.53	<0.53	<0.53
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	ug/Kg			1.9	<0.040	<0.040	<0.075	<0.037	<0.038	<0.038	<0.039	<0.18	<0.17	<0.18	<0.18	<0.18
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/Kg	16,400	12,600	2.6 "I"	0.53 "J"	0.38 "J"	0.81 "J"	<0.21	0.42 "J"	0.25 "J"	<0.22	<0.50	<0.50	<0.50	<0.50	<0.50
Perfluorononanesulfonic acid (PFNS)	68259-12-1	ug/Kg			<0.024	<0.023	<0.023	<0.043	<0.021	<0.022	<0.022	<0.022	<0.34	<0.34	<0.34	<0.34	<0.34
Perfluorodecanesulfonic acid (PFDS)	335-77-3	ug/Kg			<0.047	<0.045	<0.044	<0.083	<0.041	<0.043	<0.043	<0.043	<0.29	<0.29	<0.30	<0.29	<0.30
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	ug/Kg			<0.073	<0.069	<0.068	<0.13	<0.064	<0.065	<0.066	<0.067	<0.89	<0.89	<0.90	<0.89	<0.90
Perfluorooctanesulfonamide (FOSA)	754-91-6	ug/Kg			<0.10	<0.094	<0.093	<0.18	<0.087	<0.089	<0.090	<0.091	<0.90	<0.90	<0.91	<0.90	<0.91
NEtFOSA	4151-50-2	ug/Kg			<0.029	<0.028	<0.027	<0.051	<0.026	<0.026	<0.026	<0.027	<0.80	<0.80	<0.81	<0.80	<0.80
NMeFOSA	31506-32-8	ug/Kg			<0.050	<0.047	<0.047	<0.088	<0.044	<0.045	<0.045	<0.045	<0.40	<0.40	<0.40	<0.40	<0.40
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2355-31-9	ug/Kg			<0.47	<0.45	<0.44	<0.83	<0.41	<0.43	<0.43	<0.43	<1.1	<1.1	<1.1	<1.1	<1.1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2991-50-6	ug/Kg			<0.45	<0.43	<0.42	<0.79	<0.39	<0.40	<0.41	<0.41	<1.2	<1.2	<1.2	<1.2	<1.2
NMeFOSE	24448-09-7	ug/Kg			<0.086	<0.082	<0.081	<0.15	<0.076	<0.077	<0.078	<0.079	<1.3	<1.3	<1.3	<1.3	<1.3
NEtFOSE	1691-99-2	ug/Kg			<0.044	<0.041	<0.041	<0.077	0.067 "J"	<0.039	<0.040	0.11 "J"	<0.78	<0.78	<0.79	<0.78	<0.79
4:2 FTS	757124-72-4	ug/Kg			<0.45	<0.43	<0.42	<0.79	<0.39	<0.40	<0.41	<0.41	<0.22	<0.22	<0.22	<0.22	<0.22
6:2 FTS	27619-97-2	ug/Kg			<0.18	<0.17	<0.17	<0.32	<0.16	0.78 "J"	<0.16	<0.17	<2.3	<2.3	<2.3	<2.3	<2.3
8:2 FTS	39108-34-4	ug/Kg			<0.30	<0.29	<0.28	<0.53	<0.27	<0.27	<0.27	<0.28	<0.43	<0.42	<0.43	<0.42	<0.42
10:2 FTS	120226-60-0	ug/Kg			<0.061	<0.057	<0.057	<0.11	<0.053	<0.055	<0.055	<0.055	<0.62	<0.62	<0.62	<0.62	<0.62
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	ug/Kg			<0.022	<0.021	<0.020	<0.038	<0.019	<0.020 "F1"	<0.020	<0.020	<0.37	<0.37	<0.37	<0.37	<0.37
HFPO-DA (GenX)	13252-13-6	ug/Kg			<0.13	<0.13	<0.12	<0.24	<0.12	<0.12 "F1"	<0.12	<0.12	<1.4	<1.4	<1.4	<1.4	<1.4
F-53B Major	756426-58-1	ug/Kg			<0.033	<0.031	<0.031	<0.058	<0.029	<0.029	<0.030	<0.030	<0.22	<0.22	<0.22	<0.22	<0.22
F-53B Minor	763051-92-9	ug/Kg			<0.027	<0.025	<0.025	<0.047	<0.023	<0.024	<0.024	<0.024	<0.29	<0.30	<0.30	<0.29	<0.30

Notes:
 ug/Kg - Micrograms per kilogram
 *5: Isotope dilution analyte is outside acceptable limits Standards apply to a combination of PFOA and PFOS when both are present
 B : Compound was found in the blank and sample
 F1 : Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) recovery exceeds control limits
 I : Value is estimated maximum possible concentration (EMPC)
 "J" : Result is less than the Reporting Limit (RL) but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value

APPENDIX A

ANALYTICAL RESULTS

CHAIN-OF-CUSTODY FORMS

ANALYTICAL REPORT

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

Laboratory Job ID: 320-66591-1

Client Project/Site: RETIA – Saukville, WI 341-020

For:

Endpoint Solutions Corp
6871 S. Lover's Lane
Franklin, Wisconsin 53132

Attn: Mr. Tim Petrick



Authorized for release by:
11/30/2020 12:02:51 PM

Sandie Fredrick, Project Manager II
(920)261-1660
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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Definitions/Glossary

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Qualifiers

LCMS

Qualifier	Qualifier Description
*5	Isotope dilution analyte is outside acceptance limits.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Job ID: 320-66591-1

Laboratory: Eurofins TestAmerica, Sacramento

Narrative

Job Narrative 320-66591-1

Comments

No additional comments.

Receipt

The samples were received on 11/11/2020 9:30 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.9° C.

Receipt Exceptions

The following samples were received at the laboratory without a sample collection time documented on the chain of custody: PFAS-4 6-8' (320-66591-5), PFAS-3 4-6' (320-66591-6), PFAS-2 2-4' (320-66591-7), PFAS-1 3-4' (320-66591-8) and TB-Soil (320-66591-11). Sample #5, 6, 7, 8, & 11 (5/5) - no time was provided on the samples.

LCMS

Method 537 (modified): The Isotope Dilution Analyte (IDA) recovery associated with the following samples is below the method recommended limit for d7-N-MeFOSE-M and d9-N-EtFOSE-M: PFAS-5 3-5' (320-66591-1), PFAS-8 6-8' (320-66591-2), PFAS-7 4-6' (320-66591-3), PFAS-6 5-7' (320-66591-4), (LCS 320-431089/2-A), (MB 320-431089/1-A), (320-66591-A-4-B MS) and (320-66591-A-4-C MSD). Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the samples.

Method 537 (modified): The matrix spike duplicate (MSD) recovery for DONA preparation batch 320-431089 and analytical batch 320-434434 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 537 (modified): The "1" qualifier means the transition mass ratio for the indicated analyte was outside of the established ratio limits. The qualitative identification of the analyte has some degree of uncertainty. However, analyst judgment was used to positively identify the analyte. PFAS-1 3-4' (320-66591-8)

Method 537 (modified): d7-N-MeFOSE-M and d9-N-EtFOSE-M Isotope Dilution Analyte (IDA) recovery associated with the following samples is below the method recommended limit: PFAS-4 6-8' (320-66591-5) and (320-66591-A-5-D MSD). Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the sample(s).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method 3535: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 320-431329. 320-431329 3535_PFC Water

Method 3535: The following sample was received in a gallon cube: TB-Soil (320-66591-11). The sample was transferred into new 250 mL bottle. After transferring into a new container, the sample was fortified with IDA then extracted. 320-431329 3535_PFC Water

Method SHAKE: Due to the matrix, the initial volumes used for the following samples deviated from the standard procedure: PFAS-4 6-8' (320-66591-5), (320-66591-A-5 MS) and (320-66591-A-5 MSD). The reporting limits (RLs) have been adjusted proportionately. PFC_IDA Solid preparation batch: 320-435321

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: PFAS-5 3-5'

Lab Sample ID: 320-66591-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.14	J B	0.21	0.030	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.033	J	0.21	0.031	ug/Kg	1	✳	537 (modified)	Total/NA
NETFOSE	0.067	J	0.21	0.038	ug/Kg	1	✳	537 (modified)	Total/NA

Client Sample ID: PFAS-8 6-8'

Lab Sample ID: 320-66591-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.11	J B	0.22	0.031	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.033	J	0.22	0.032	ug/Kg	1	✳	537 (modified)	Total/NA
NETFOSE	0.11	J	0.22	0.040	ug/Kg	1	✳	537 (modified)	Total/NA

Client Sample ID: PFAS-7 4-6'

Lab Sample ID: 320-66591-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.14	J B	0.22	0.031	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	0.12	J	0.22	0.085	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	0.065	J	0.22	0.046	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.11	J	0.22	0.032	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.055	J	0.22	0.040	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.067	J	0.22	0.024	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.25	J	0.55	0.22	ug/Kg	1	✳	537 (modified)	Total/NA

Client Sample ID: PFAS-6 5-7'

Lab Sample ID: 320-66591-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.17	J B	0.22	0.031	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	0.14	J	0.22	0.084	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	0.099	J	0.22	0.046	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.083	J	0.22	0.032	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.10	J	0.22	0.094	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.42	J	0.55	0.22	ug/Kg	1	✳	537 (modified)	Total/NA
6:2 FTS	0.78	J	2.2	0.16	ug/Kg	1	✳	537 (modified)	Total/NA

Client Sample ID: PFAS-4 6-8'

Lab Sample ID: 320-66591-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	0.079	J	0.43	0.062	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.81	J	1.1	0.43	ug/Kg	1	✳	537 (modified)	Total/NA

Client Sample ID: PFAS-3 4-6'

Lab Sample ID: 320-66591-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.14	J B	0.23	0.032	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.040	J	0.23	0.033	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.38	J	0.57	0.23	ug/Kg	1	✳	537 (modified)	Total/NA

Client Sample ID: PFAS-2 2-4'

Lab Sample ID: 320-66591-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.16	J B	0.23	0.032	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.69	J	0.23	0.036	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.53	J	0.57	0.23	ug/Kg	1	✳	537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Detection Summary

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: PFAS-1 3-4'

Lab Sample ID: 320-66591-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.10	J B	0.24	0.034	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.13	J	0.24	0.10	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.053	J	0.24	0.024	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	1.8		0.24	0.038	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	1.9		0.24	0.043	ug/Kg	1	✳	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	2.6	I	0.61	0.24	ug/Kg	1	✳	537 (modified)	Total/NA

Client Sample ID: FB-1

Lab Sample ID: 320-66591-9

No Detections.

Client Sample ID: EB-1

Lab Sample ID: 320-66591-10

No Detections.

Client Sample ID: TB-Soil

Lab Sample ID: 320-66591-11

No Detections.

Client Sample ID: FB-2

Lab Sample ID: 320-66591-12

No Detections.

Client Sample ID: EB-2

Lab Sample ID: 320-66591-13

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: PFAS-5 3-5'

Lab Sample ID: 320-66591-1

Date Collected: 11/10/20 08:30

Matrix: Solid

Date Received: 11/11/20 09:30

Percent Solids: 86.4

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.14	J B	0.21	0.030	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
Perfluoropentanoic acid (PFPeA)	<0.082		0.21	0.082	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
Perfluorohexanoic acid (PFHxA)	<0.045		0.21	0.045	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
Perfluoroheptanoic acid (PFHpA)	0.033	J	0.21	0.031	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
Perfluorooctanoic acid (PFOA)	<0.091		0.21	0.091	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
Perfluorononanoic acid (PFNA)	<0.038		0.21	0.038	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
Perfluorodecanoic acid (PFDA)	<0.023		0.21	0.023	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
Perfluoroundecanoic acid (PFUnA)	<0.038		0.21	0.038	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
Perfluorododecanoic acid (PFDoA)	<0.071		0.21	0.071	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
Perfluorotridecanoic acid (PFTriA)	<0.054		0.21	0.054	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
Perfluorotetradecanoic acid (PFTeA)	<0.057		0.21	0.057	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.047		0.21	0.047	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.030		0.21	0.030	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
Perfluorobutanesulfonic acid (PFBS)	<0.027		0.21	0.027	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
Perfluoropentanesulfonic acid (PFPeS)	<0.021		0.21	0.021	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
Perfluorohexanesulfonic acid (PFHxS)	<0.033		0.21	0.033	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.037		0.21	0.037	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
Perfluorooctanesulfonic acid (PFOS)	<0.21		0.53	0.21	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
Perfluorononanesulfonic acid (PFNS)	<0.021		0.21	0.021	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
Perfluorodecanesulfonic acid (PFDS)	<0.041		0.21	0.041	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
Perfluorododecanesulfonic acid (PFDoS)	<0.064		0.21	0.064	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
Perfluorooctanesulfonamide (FOSA)	<0.087		0.21	0.087	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
NEtFOSA	<0.026		0.21	0.026	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
NMeFOSA	<0.044		0.21	0.044	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.41		2.1	0.41	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.39		2.1	0.39	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
NMeFOSE	<0.076		0.21	0.076	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
NEtFOSE	0.067	J	0.21	0.038	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
4:2 FTS	<0.39		2.1	0.39	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
6:2 FTS	<0.16		2.1	0.16	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
8:2 FTS	<0.27		2.1	0.27	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
10:2 FTS	<0.053		0.21	0.053	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
DONA	<0.019		0.21	0.019	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
HFPO-DA (GenX)	<0.12		0.27	0.12	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
F-53B Major	<0.029		0.21	0.029	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1
F-53B Minor	<0.023		0.21	0.023	ug/Kg	☼	11/12/20 13:42	11/22/20 07:10	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	83		25 - 150	11/12/20 13:42	11/22/20 07:10	1
13C5 PFPeA	84		25 - 150	11/12/20 13:42	11/22/20 07:10	1
13C2 PFHxA	92		25 - 150	11/12/20 13:42	11/22/20 07:10	1
13C4 PFHpA	93		25 - 150	11/12/20 13:42	11/22/20 07:10	1
13C4 PFOA	93		25 - 150	11/12/20 13:42	11/22/20 07:10	1
13C5 PFNA	95		25 - 150	11/12/20 13:42	11/22/20 07:10	1
13C2 PFDA	95		25 - 150	11/12/20 13:42	11/22/20 07:10	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: PFAS-5 3-5'

Lab Sample ID: 320-66591-1

Date Collected: 11/10/20 08:30

Matrix: Solid

Date Received: 11/11/20 09:30

Percent Solids: 86.4

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C2 PFUnA	98		25 - 150	11/12/20 13:42	11/22/20 07:10	1
13C2 PFDoA	94		25 - 150	11/12/20 13:42	11/22/20 07:10	1
13C2 PFTeDA	99		25 - 150	11/12/20 13:42	11/22/20 07:10	1
13C2 PFHxDA	102		25 - 150	11/12/20 13:42	11/22/20 07:10	1
13C3 PFBS	75		25 - 150	11/12/20 13:42	11/22/20 07:10	1
18O2 PFHxS	73		25 - 150	11/12/20 13:42	11/22/20 07:10	1
13C4 PFOS	72		25 - 150	11/12/20 13:42	11/22/20 07:10	1
13C8 FOSA	91		25 - 150	11/12/20 13:42	11/22/20 07:10	1
d3-NMeFOSAA	106		25 - 150	11/12/20 13:42	11/22/20 07:10	1
d5-NEtFOSAA	117		25 - 150	11/12/20 13:42	11/22/20 07:10	1
d-N-MeFOSA-M	52		25 - 150	11/12/20 13:42	11/22/20 07:10	1
d-N-EtFOSA-M	50		25 - 150	11/12/20 13:42	11/22/20 07:10	1
d7-N-MeFOSE-M	7 *5		10 - 120	11/12/20 13:42	11/22/20 07:10	1
d9-N-EtFOSE-M	7 *5		10 - 120	11/12/20 13:42	11/22/20 07:10	1
M2-4:2 FTS	69		25 - 150	11/12/20 13:42	11/22/20 07:10	1
M2-6:2 FTS	65		25 - 150	11/12/20 13:42	11/22/20 07:10	1
M2-8:2 FTS	61		25 - 150	11/12/20 13:42	11/22/20 07:10	1
13C3 HFPO-DA	84		25 - 150	11/12/20 13:42	11/22/20 07:10	1

General Chemistry

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Percent Moisture	13.6		0.1	0.1	%			11/12/20 11:10	1
Percent Solids	86.4		0.1	0.1	%			11/12/20 11:10	1

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: PFAS-8 6-8'

Lab Sample ID: 320-66591-2

Date Collected: 11/10/20 08:55

Matrix: Solid

Date Received: 11/11/20 09:30

Percent Solids: 86.4

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.11	J B	0.22	0.031	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
Perfluoropentanoic acid (PFPeA)	<0.085		0.22	0.085	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
Perfluorohexanoic acid (PFHxA)	<0.047		0.22	0.047	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
Perfluoroheptanoic acid (PFHpA)	0.033	J	0.22	0.032	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
Perfluorooctanoic acid (PFOA)	<0.095		0.22	0.095	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
Perfluorononanoic acid (PFNA)	<0.040		0.22	0.040	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
Perfluorodecanoic acid (PFDA)	<0.024		0.22	0.024	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
Perfluoroundecanoic acid (PFUnA)	<0.040		0.22	0.040	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
Perfluorododecanoic acid (PFDoA)	<0.074		0.22	0.074	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
Perfluorotridecanoic acid (PFTriA)	<0.057		0.22	0.057	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
Perfluorotetradecanoic acid (PFTeA)	<0.060		0.22	0.060	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.049		0.22	0.049	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.031		0.22	0.031	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
Perfluorobutanesulfonic acid (PFBS)	<0.028		0.22	0.028	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
Perfluoropentanesulfonic acid (PFPeS)	<0.022		0.22	0.022	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
Perfluorohexanesulfonic acid (PFHxS)	<0.034		0.22	0.034	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.039		0.22	0.039	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
Perfluorooctanesulfonic acid (PFOS)	<0.22		0.55	0.22	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
Perfluorononanesulfonic acid (PFNS)	<0.022		0.22	0.022	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
Perfluorodecanesulfonic acid (PFDS)	<0.043		0.22	0.043	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
Perfluorododecanesulfonic acid (PFDoS)	<0.067		0.22	0.067	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
Perfluorooctanesulfonamide (FOSA)	<0.091		0.22	0.091	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
NEtFOSA	<0.027		0.22	0.027	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
NMeFOSA	<0.045		0.22	0.045	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.43		2.2	0.43	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.41		2.2	0.41	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
NMeFOSE	<0.079		0.22	0.079	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
NEtFOSE	0.11	J	0.22	0.040	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
4:2 FTS	<0.41		2.2	0.41	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
6:2 FTS	<0.17		2.2	0.17	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
8:2 FTS	<0.28		2.2	0.28	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
10:2 FTS	<0.055		0.22	0.055	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
DONA	<0.020		0.22	0.020	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
HFPO-DA (GenX)	<0.12		0.28	0.12	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
F-53B Major	<0.030		0.22	0.030	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1
F-53B Minor	<0.024		0.22	0.024	ug/Kg	☼	11/12/20 13:42	11/22/20 07:19	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	81		25 - 150	11/12/20 13:42	11/22/20 07:19	1
13C5 PFPeA	83		25 - 150	11/12/20 13:42	11/22/20 07:19	1
13C2 PFHxA	86		25 - 150	11/12/20 13:42	11/22/20 07:19	1
13C4 PFHpA	95		25 - 150	11/12/20 13:42	11/22/20 07:19	1
13C4 PFOA	90		25 - 150	11/12/20 13:42	11/22/20 07:19	1
13C5 PFNA	86		25 - 150	11/12/20 13:42	11/22/20 07:19	1
13C2 PFDA	95		25 - 150	11/12/20 13:42	11/22/20 07:19	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: PFAS-8 6-8'

Lab Sample ID: 320-66591-2

Date Collected: 11/10/20 08:55

Matrix: Solid

Date Received: 11/11/20 09:30

Percent Solids: 86.4

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFUnA	88		25 - 150	11/12/20 13:42	11/22/20 07:19	1
13C2 PFDoA	88		25 - 150	11/12/20 13:42	11/22/20 07:19	1
13C2 PFTeDA	92		25 - 150	11/12/20 13:42	11/22/20 07:19	1
13C2 PFHxDA	93		25 - 150	11/12/20 13:42	11/22/20 07:19	1
13C3 PFBS	66		25 - 150	11/12/20 13:42	11/22/20 07:19	1
18O2 PFHxS	66		25 - 150	11/12/20 13:42	11/22/20 07:19	1
13C4 PFOS	66		25 - 150	11/12/20 13:42	11/22/20 07:19	1
13C8 FOSA	84		25 - 150	11/12/20 13:42	11/22/20 07:19	1
d3-NMeFOSAA	81		25 - 150	11/12/20 13:42	11/22/20 07:19	1
d5-NEtFOSAA	96		25 - 150	11/12/20 13:42	11/22/20 07:19	1
d-N-MeFOSA-M	47		25 - 150	11/12/20 13:42	11/22/20 07:19	1
d-N-EtFOSA-M	46		25 - 150	11/12/20 13:42	11/22/20 07:19	1
d7-N-MeFOSE-M	5 *5		10 - 120	11/12/20 13:42	11/22/20 07:19	1
d9-N-EtFOSE-M	6 *5		10 - 120	11/12/20 13:42	11/22/20 07:19	1
M2-4:2 FTS	41		25 - 150	11/12/20 13:42	11/22/20 07:19	1
M2-6:2 FTS	44		25 - 150	11/12/20 13:42	11/22/20 07:19	1
M2-8:2 FTS	43		25 - 150	11/12/20 13:42	11/22/20 07:19	1
13C3 HFPO-DA	84		25 - 150	11/12/20 13:42	11/22/20 07:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13.6		0.1	0.1	%			11/12/20 11:10	1
Percent Solids	86.4		0.1	0.1	%			11/12/20 11:10	1

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: PFAS-7 4-6'

Lab Sample ID: 320-66591-3

Date Collected: 11/10/20 09:20

Matrix: Solid

Date Received: 11/11/20 09:30

Percent Solids: 88.0

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.14	J B	0.22	0.031	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
Perfluoropentanoic acid (PFPeA)	0.12	J	0.22	0.085	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
Perfluorohexanoic acid (PFHxA)	0.065	J	0.22	0.046	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
Perfluoroheptanoic acid (PFHpA)	0.11	J	0.22	0.032	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
Perfluorooctanoic acid (PFOA)	<0.094		0.22	0.094	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
Perfluorononanoic acid (PFNA)	0.055	J	0.22	0.040	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
Perfluorodecanoic acid (PFDA)	0.067	J	0.22	0.024	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
Perfluoroundecanoic acid (PFUnA)	<0.040		0.22	0.040	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
Perfluorododecanoic acid (PFDoA)	<0.074		0.22	0.074	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
Perfluorotridecanoic acid (PFTriA)	<0.056		0.22	0.056	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
Perfluorotetradecanoic acid (PFTeA)	<0.059		0.22	0.059	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.048		0.22	0.048	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.031		0.22	0.031	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
Perfluorobutanesulfonic acid (PFBS)	<0.027		0.22	0.027	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
Perfluoropentanesulfonic acid (PFPeS)	<0.022		0.22	0.022	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
Perfluorohexanesulfonic acid (PFHxS)	<0.034		0.22	0.034	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.038		0.22	0.038	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
Perfluorooctanesulfonic acid (PFOS)	0.25	J	0.55	0.22	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
Perfluorononanesulfonic acid (PFNS)	<0.022		0.22	0.022	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
Perfluorodecanesulfonic acid (PFDS)	<0.043		0.22	0.043	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
Perfluorododecanesulfonic acid (PFDoS)	<0.066		0.22	0.066	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
Perfluorooctanesulfonamide (FOSA)	<0.090		0.22	0.090	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
NEtFOSA	<0.026		0.22	0.026	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
NMeFOSA	<0.045		0.22	0.045	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.43		2.2	0.43	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.41		2.2	0.41	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
NMeFOSE	<0.078		0.22	0.078	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
NEtFOSE	<0.040		0.22	0.040	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
4:2 FTS	<0.41		2.2	0.41	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
6:2 FTS	<0.16		2.2	0.16	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
8:2 FTS	<0.27		2.2	0.27	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
10:2 FTS	<0.055		0.22	0.055	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
DONA	<0.020		0.22	0.020	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
HFPO-DA (GenX)	<0.12		0.27	0.12	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
F-53B Major	<0.030		0.22	0.030	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
F-53B Minor	<0.024		0.22	0.024	ug/Kg	☼	11/12/20 13:42	11/22/20 07:28	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	82		25 - 150				11/12/20 13:42	11/22/20 07:28	1
13C5 PFPeA	84		25 - 150				11/12/20 13:42	11/22/20 07:28	1
13C2 PFHxA	88		25 - 150				11/12/20 13:42	11/22/20 07:28	1
13C4 PFHpA	94		25 - 150				11/12/20 13:42	11/22/20 07:28	1
13C4 PFOA	90		25 - 150				11/12/20 13:42	11/22/20 07:28	1
13C5 PFNA	90		25 - 150				11/12/20 13:42	11/22/20 07:28	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: PFAS-7 4-6'

Lab Sample ID: 320-66591-3

Date Collected: 11/10/20 09:20

Matrix: Solid

Date Received: 11/11/20 09:30

Percent Solids: 88.0

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C2 PFDA	88		25 - 150	11/12/20 13:42	11/22/20 07:28	1
13C2 PFUnA	88		25 - 150	11/12/20 13:42	11/22/20 07:28	1
13C2 PFDoA	88		25 - 150	11/12/20 13:42	11/22/20 07:28	1
13C2 PFTeDA	94		25 - 150	11/12/20 13:42	11/22/20 07:28	1
13C2 PFHxDA	98		25 - 150	11/12/20 13:42	11/22/20 07:28	1
13C3 PFBS	67		25 - 150	11/12/20 13:42	11/22/20 07:28	1
18O2 PFHxS	67		25 - 150	11/12/20 13:42	11/22/20 07:28	1
13C4 PFOS	66		25 - 150	11/12/20 13:42	11/22/20 07:28	1
13C8 FOSA	85		25 - 150	11/12/20 13:42	11/22/20 07:28	1
d3-NMeFOSAA	76		25 - 150	11/12/20 13:42	11/22/20 07:28	1
d5-NEtFOSAA	90		25 - 150	11/12/20 13:42	11/22/20 07:28	1
d-N-MeFOSA-M	45		25 - 150	11/12/20 13:42	11/22/20 07:28	1
d-N-EtFOSA-M	45		25 - 150	11/12/20 13:42	11/22/20 07:28	1
d7-N-MeFOSE-M	7 *5		10 - 120	11/12/20 13:42	11/22/20 07:28	1
d9-N-EtFOSE-M	7 *5		10 - 120	11/12/20 13:42	11/22/20 07:28	1
M2-4:2 FTS	40		25 - 150	11/12/20 13:42	11/22/20 07:28	1
M2-6:2 FTS	43		25 - 150	11/12/20 13:42	11/22/20 07:28	1
M2-8:2 FTS	41		25 - 150	11/12/20 13:42	11/22/20 07:28	1
13C3 HFPO-DA	85		25 - 150	11/12/20 13:42	11/22/20 07:28	1

General Chemistry

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Percent Moisture	12.0		0.1	0.1	%			11/12/20 11:10	1
Percent Solids	88.0		0.1	0.1	%			11/12/20 11:10	1

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: PFAS-6 5-7'

Lab Sample ID: 320-66591-4

Date Collected: 11/10/20 09:15

Matrix: Solid

Date Received: 11/11/20 09:30

Percent Solids: 87.5

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.17	J B	0.22	0.031	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
Perfluoropentanoic acid (PFPeA)	0.14	J	0.22	0.084	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
Perfluorohexanoic acid (PFHxA)	0.099	J	0.22	0.046	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
Perfluoroheptanoic acid (PFHpA)	0.083	J	0.22	0.032	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
Perfluorooctanoic acid (PFOA)	0.10	J	0.22	0.094	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
Perfluorononanoic acid (PFNA)	<0.039		0.22	0.039	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
Perfluorodecanoic acid (PFDA)	<0.024		0.22	0.024	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
Perfluoroundecanoic acid (PFUnA)	<0.039		0.22	0.039	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
Perfluorododecanoic acid (PFDoA)	<0.073		0.22	0.073	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
Perfluorotridecanoic acid (PFTriA)	<0.056		0.22	0.056	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
Perfluorotetradecanoic acid (PFTeA)	<0.059		0.22	0.059	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.048		0.22	0.048	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.031		0.22	0.031	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
Perfluorobutanesulfonic acid (PFBS)	<0.027		0.22	0.027	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
Perfluoropentanesulfonic acid (PFPeS)	<0.022		0.22	0.022	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
Perfluorohexanesulfonic acid (PFHxS)	<0.034		0.22	0.034	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.038		0.22	0.038	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
Perfluorooctanesulfonic acid (PFOS)	0.42	J	0.55	0.22	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
Perfluorononanesulfonic acid (PFNS)	<0.022		0.22	0.022	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
Perfluorodecanesulfonic acid (PFDS)	<0.043		0.22	0.043	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
Perfluorododecanesulfonic acid (PFDoS)	<0.065		0.22	0.065	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
Perfluorooctanesulfonamide (FOSA)	<0.089		0.22	0.089	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
NEtFOSA	<0.026		0.22	0.026	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
NMeFOSA	<0.045		0.22	0.045	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.43		2.2	0.43	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.40		2.2	0.40	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
NMeFOSE	<0.077		0.22	0.077	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
NEtFOSE	<0.039		0.22	0.039	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
4:2 FTS	<0.40		2.2	0.40	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
6:2 FTS	0.78	J	2.2	0.16	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
8:2 FTS	<0.27		2.2	0.27	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
10:2 FTS	<0.055		0.22	0.055	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
DONA	<0.020	F1	0.22	0.020	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
HFPO-DA (GenX)	<0.12		0.27	0.12	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
F-53B Major	<0.029		0.22	0.029	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
F-53B Minor	<0.024		0.22	0.024	ug/Kg	☼	11/12/20 13:42	11/22/20 07:38	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	85		25 - 150				11/12/20 13:42	11/22/20 07:38	1
13C5 PFPeA	86		25 - 150				11/12/20 13:42	11/22/20 07:38	1
13C2 PFHxA	91		25 - 150				11/12/20 13:42	11/22/20 07:38	1
13C4 PFHpA	100		25 - 150				11/12/20 13:42	11/22/20 07:38	1
13C4 PFOA	91		25 - 150				11/12/20 13:42	11/22/20 07:38	1
13C5 PFNA	92		25 - 150				11/12/20 13:42	11/22/20 07:38	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: PFAS-6 5-7'

Lab Sample ID: 320-66591-4

Date Collected: 11/10/20 09:15

Matrix: Solid

Date Received: 11/11/20 09:30

Percent Solids: 87.5

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C2 PFDA	92		25 - 150	11/12/20 13:42	11/22/20 07:38	1
13C2 PFUnA	92		25 - 150	11/12/20 13:42	11/22/20 07:38	1
13C2 PFDoA	93		25 - 150	11/12/20 13:42	11/22/20 07:38	1
13C2 PFTeDA	98		25 - 150	11/12/20 13:42	11/22/20 07:38	1
13C2 PFHxDA	100		25 - 150	11/12/20 13:42	11/22/20 07:38	1
13C3 PFBS	73		25 - 150	11/12/20 13:42	11/22/20 07:38	1
18O2 PFHxS	73		25 - 150	11/12/20 13:42	11/22/20 07:38	1
13C4 PFOS	72		25 - 150	11/12/20 13:42	11/22/20 07:38	1
13C8 FOSA	92		25 - 150	11/12/20 13:42	11/22/20 07:38	1
d3-NMeFOSAA	81		25 - 150	11/12/20 13:42	11/22/20 07:38	1
d5-NEtFOSAA	93		25 - 150	11/12/20 13:42	11/22/20 07:38	1
d-N-MeFOSA-M	45		25 - 150	11/12/20 13:42	11/22/20 07:38	1
d-N-EtFOSA-M	45		25 - 150	11/12/20 13:42	11/22/20 07:38	1
d7-N-MeFOSE-M	6 *5		10 - 120	11/12/20 13:42	11/22/20 07:38	1
d9-N-EtFOSE-M	6 *5		10 - 120	11/12/20 13:42	11/22/20 07:38	1
M2-4:2 FTS	41		25 - 150	11/12/20 13:42	11/22/20 07:38	1
M2-6:2 FTS	48		25 - 150	11/12/20 13:42	11/22/20 07:38	1
M2-8:2 FTS	46		25 - 150	11/12/20 13:42	11/22/20 07:38	1
13C3 HFPO-DA	87		25 - 150	11/12/20 13:42	11/22/20 07:38	1

General Chemistry

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Percent Moisture	12.5		0.1	0.1	%			11/12/20 11:10	1
Percent Solids	87.5		0.1	0.1	%			11/12/20 11:10	1

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: PFAS-4 6-8'

Lab Sample ID: 320-66591-5

Date Collected: 11/10/20 10:05

Matrix: Solid

Date Received: 11/11/20 09:30

Percent Solids: 84.8

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.060		0.43	0.060	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
Perfluoropentanoic acid (PFPeA)	<0.16		0.43	0.16	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
Perfluorohexanoic acid (PFHxA)	<0.090		0.43	0.090	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
Perfluoroheptanoic acid (PFHpA)	0.079	J	0.43	0.062	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
Perfluorooctanoic acid (PFOA)	<0.18		0.43	0.18	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
Perfluorononanoic acid (PFNA)	<0.077		0.43	0.077	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
Perfluorodecanoic acid (PFDA)	<0.047		0.43	0.047	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
Perfluoroundecanoic acid (PFUnA)	<0.077		0.43	0.077	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
Perfluorododecanoic acid (PFDoA)	<0.14		0.43	0.14	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
Perfluorotridecanoic acid (PFTriA)	<0.11		0.43	0.11	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
Perfluorotetradecanoic acid (PFTeA)	<0.12		0.43	0.12	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.094		0.43	0.094	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.060		0.43	0.060	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
Perfluorobutanesulfonic acid (PFBS)	<0.053		0.43	0.053	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
Perfluoropentanesulfonic acid (PFPeS)	<0.043		0.43	0.043	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
Perfluorohexanesulfonic acid (PFHxS)	<0.066		0.43	0.066	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.075		0.43	0.075	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
Perfluorooctanesulfonic acid (PFOS)	0.81	J	1.1	0.43	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
Perfluorononanesulfonic acid (PFNS)	<0.043		0.43	0.043	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
Perfluorodecanesulfonic acid (PFDS)	<0.083		0.43	0.083	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
Perfluorododecanesulfonic acid (PFDoS)	<0.13		0.43	0.13	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
Perfluorooctanesulfonamide (FOSA)	<0.18		0.43	0.18	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
NEtFOSA	<0.051		0.43	0.051	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
NMeFOSA	<0.088		0.43	0.088	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.83		4.3	0.83	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.79		4.3	0.79	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
NMeFOSE	<0.15		0.43	0.15	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
NEtFOSE	<0.077		0.43	0.077	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
4:2 FTS	<0.79		4.3	0.79	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
6:2 FTS	<0.32		4.3	0.32	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
8:2 FTS	<0.53		4.3	0.53	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
10:2 FTS	<0.11		0.43	0.11	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
DONA	<0.038		0.43	0.038	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
HFPO-DA (GenX)	<0.24		0.53	0.24	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
F-53B Major	<0.058		0.43	0.058	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
F-53B Minor	<0.047		0.43	0.047	ug/Kg	☼	11/24/20 19:24	11/27/20 16:27	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	89		25 - 150				11/24/20 19:24	11/27/20 16:27	1
13C5 PFPeA	89		25 - 150				11/24/20 19:24	11/27/20 16:27	1
13C2 PFHxA	93		25 - 150				11/24/20 19:24	11/27/20 16:27	1
13C4 PFHpA	97		25 - 150				11/24/20 19:24	11/27/20 16:27	1
13C4 PFOA	99		25 - 150				11/24/20 19:24	11/27/20 16:27	1
13C5 PFNA	94		25 - 150				11/24/20 19:24	11/27/20 16:27	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: PFAS-4 6-8'

Lab Sample ID: 320-66591-5

Date Collected: 11/10/20 10:05

Matrix: Solid

Date Received: 11/11/20 09:30

Percent Solids: 84.8

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

<u>Isotope Dilution</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
13C2 PFDA	101		25 - 150	11/24/20 19:24	11/27/20 16:27	1
13C2 PFUnA	100		25 - 150	11/24/20 19:24	11/27/20 16:27	1
13C2 PFDoA	107		25 - 150	11/24/20 19:24	11/27/20 16:27	1
13C2 PFTeDA	105		25 - 150	11/24/20 19:24	11/27/20 16:27	1
13C2 PFHxDA	96		25 - 150	11/24/20 19:24	11/27/20 16:27	1
13C3 PFBS	76		25 - 150	11/24/20 19:24	11/27/20 16:27	1
18O2 PFHxS	82		25 - 150	11/24/20 19:24	11/27/20 16:27	1
13C4 PFOS	81		25 - 150	11/24/20 19:24	11/27/20 16:27	1
13C8 FOSA	87		25 - 150	11/24/20 19:24	11/27/20 16:27	1
d3-NMeFOSAA	62		25 - 150	11/24/20 19:24	11/27/20 16:27	1
d5-NEtFOSAA	71		25 - 150	11/24/20 19:24	11/27/20 16:27	1
d-N-MeFOSA-M	50		25 - 150	11/24/20 19:24	11/27/20 16:27	1
d-N-EtFOSA-M	44		25 - 150	11/24/20 19:24	11/27/20 16:27	1
d7-N-MeFOSE-M	6 *5		10 - 120	11/24/20 19:24	11/27/20 16:27	1
d9-N-EtFOSE-M	6 *5		10 - 120	11/24/20 19:24	11/27/20 16:27	1
M2-4:2 FTS	76		25 - 150	11/24/20 19:24	11/27/20 16:27	1
M2-6:2 FTS	82		25 - 150	11/24/20 19:24	11/27/20 16:27	1
M2-8:2 FTS	82		25 - 150	11/24/20 19:24	11/27/20 16:27	1
13C3 HFPO-DA	92		25 - 150	11/24/20 19:24	11/27/20 16:27	1

General Chemistry

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>RL</u>	<u>MDL</u>	<u>Unit</u>	<u>D</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
Percent Moisture	15.2		0.1	0.1	%			11/12/20 11:10	1
Percent Solids	84.8		0.1	0.1	%			11/12/20 11:10	1

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: PFAS-3 4-6'

Lab Sample ID: 320-66591-6

Date Collected: 11/10/20 10:25

Matrix: Solid

Date Received: 11/11/20 09:30

Percent Solids: 85.9

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.14	J B	0.23	0.032	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
Perfluoropentanoic acid (PFPeA)	<0.087		0.23	0.087	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
Perfluorohexanoic acid (PFHxA)	<0.048		0.23	0.048	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
Perfluoroheptanoic acid (PFHpA)	0.040	J	0.23	0.033	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
Perfluorooctanoic acid (PFOA)	<0.098		0.23	0.098	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
Perfluorononanoic acid (PFNA)	<0.041		0.23	0.041	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
Perfluorodecanoic acid (PFDA)	<0.025		0.23	0.025	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
Perfluoroundecanoic acid (PFUnA)	<0.041		0.23	0.041	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
Perfluorododecanoic acid (PFDoA)	<0.076		0.23	0.076	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
Perfluorotridecanoic acid (PFTriA)	<0.058		0.23	0.058	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
Perfluorotetradecanoic acid (PFTeA)	<0.061		0.23	0.061	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.050		0.23	0.050	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.032		0.23	0.032	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
Perfluorobutanesulfonic acid (PFBS)	<0.028		0.23	0.028	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
Perfluoropentanesulfonic acid (PFPeS)	<0.023		0.23	0.023	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
Perfluorohexanesulfonic acid (PFHxS)	<0.035		0.23	0.035	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.040		0.23	0.040	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
Perfluorooctanesulfonic acid (PFOS)	0.38	J	0.57	0.23	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
Perfluorononanesulfonic acid (PFNS)	<0.023		0.23	0.023	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
Perfluorodecanesulfonic acid (PFDS)	<0.044		0.23	0.044	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
Perfluorododecanesulfonic acid (PFDoS)	<0.068		0.23	0.068	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
Perfluorooctanesulfonamide (FOSA)	<0.093		0.23	0.093	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
NEtFOSA	<0.027		0.23	0.027	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
NMeFOSA	<0.047		0.23	0.047	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.44		2.3	0.44	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.42		2.3	0.42	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
NMeFOSE	<0.081		0.23	0.081	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
NEtFOSE	<0.041		0.23	0.041	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
4:2 FTS	<0.42		2.3	0.42	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
6:2 FTS	<0.17		2.3	0.17	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
8:2 FTS	<0.28		2.3	0.28	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
10:2 FTS	<0.057		0.23	0.057	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
DONA	<0.020		0.23	0.020	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
HFPO-DA (GenX)	<0.12		0.28	0.12	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
F-53B Major	<0.031		0.23	0.031	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
F-53B Minor	<0.025		0.23	0.025	ug/Kg	☼	11/12/20 13:42	11/22/20 08:34	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	82		25 - 150				11/12/20 13:42	11/22/20 08:34	1
13C5 PFPeA	85		25 - 150				11/12/20 13:42	11/22/20 08:34	1
13C2 PFHxA	88		25 - 150				11/12/20 13:42	11/22/20 08:34	1
13C4 PFHpA	92		25 - 150				11/12/20 13:42	11/22/20 08:34	1
13C4 PFOA	90		25 - 150				11/12/20 13:42	11/22/20 08:34	1
13C5 PFNA	88		25 - 150				11/12/20 13:42	11/22/20 08:34	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: PFAS-3 4-6'

Lab Sample ID: 320-66591-6

Date Collected: 11/10/20 10:25

Matrix: Solid

Date Received: 11/11/20 09:30

Percent Solids: 85.9

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C2 PFDA	90		25 - 150	11/12/20 13:42	11/22/20 08:34	1
13C2 PFUnA	88		25 - 150	11/12/20 13:42	11/22/20 08:34	1
13C2 PFDoA	88		25 - 150	11/12/20 13:42	11/22/20 08:34	1
13C2 PFTeDA	92		25 - 150	11/12/20 13:42	11/22/20 08:34	1
13C2 PFHxDA	90		25 - 150	11/12/20 13:42	11/22/20 08:34	1
13C3 PFBS	66		25 - 150	11/12/20 13:42	11/22/20 08:34	1
18O2 PFHxS	66		25 - 150	11/12/20 13:42	11/22/20 08:34	1
13C4 PFOS	66		25 - 150	11/12/20 13:42	11/22/20 08:34	1
13C8 FOSA	84		25 - 150	11/12/20 13:42	11/22/20 08:34	1
d3-NMeFOSAA	68		25 - 150	11/12/20 13:42	11/22/20 08:34	1
d5-NEtFOSAA	86		25 - 150	11/12/20 13:42	11/22/20 08:34	1
d-N-MeFOSA-M	60		25 - 150	11/12/20 13:42	11/22/20 08:34	1
d-N-EtFOSA-M	57		25 - 150	11/12/20 13:42	11/22/20 08:34	1
d7-N-MeFOSE-M	11		10 - 120	11/12/20 13:42	11/22/20 08:34	1
d9-N-EtFOSE-M	11		10 - 120	11/12/20 13:42	11/22/20 08:34	1
M2-4:2 FTS	38		25 - 150	11/12/20 13:42	11/22/20 08:34	1
M2-6:2 FTS	39		25 - 150	11/12/20 13:42	11/22/20 08:34	1
M2-8:2 FTS	37		25 - 150	11/12/20 13:42	11/22/20 08:34	1
13C3 HFPO-DA	86		25 - 150	11/12/20 13:42	11/22/20 08:34	1

General Chemistry

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Percent Moisture	14.1		0.1	0.1	%			11/12/20 11:10	1
Percent Solids	85.9		0.1	0.1	%			11/12/20 11:10	1

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: PFAS-2 2-4'

Lab Sample ID: 320-66591-7

Date Collected: 11/10/20 10:40

Matrix: Solid

Date Received: 11/11/20 09:30

Percent Solids: 85.3

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.16	J B	0.23	0.032	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
Perfluoropentanoic acid (PFPeA)	<0.089		0.23	0.089	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
Perfluorohexanoic acid (PFHxA)	<0.048		0.23	0.048	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
Perfluoroheptanoic acid (PFHpA)	<0.033		0.23	0.033	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
Perfluorooctanoic acid (PFOA)	<0.099		0.23	0.099	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
Perfluorononanoic acid (PFNA)	<0.041		0.23	0.041	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
Perfluorodecanoic acid (PFDA)	<0.025		0.23	0.025	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
Perfluoroundecanoic acid (PFUnA)	<0.041		0.23	0.041	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
Perfluorododecanoic acid (PFDoA)	<0.077		0.23	0.077	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
Perfluorotridecanoic acid (PFTriA)	<0.059		0.23	0.059	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
Perfluorotetradecanoic acid (PFTeA)	<0.062		0.23	0.062	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.051		0.23	0.051	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.032		0.23	0.032	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
Perfluorobutanesulfonic acid (PFBS)	<0.029		0.23	0.029	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
Perfluoropentanesulfonic acid (PFPeS)	<0.023		0.23	0.023	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
Perfluorohexanesulfonic acid (PFHxS)	0.69		0.23	0.036	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.040		0.23	0.040	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
Perfluorooctanesulfonic acid (PFOS)	0.53	J	0.57	0.23	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
Perfluorononanesulfonic acid (PFNS)	<0.023		0.23	0.023	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
Perfluorodecanesulfonic acid (PFDS)	<0.045		0.23	0.045	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
Perfluorododecanesulfonic acid (PFDoS)	<0.069		0.23	0.069	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
Perfluorooctanesulfonamide (FOSA)	<0.094		0.23	0.094	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
NEtFOSA	<0.028		0.23	0.028	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
NMeFOSA	<0.047		0.23	0.047	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.45		2.3	0.45	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.43		2.3	0.43	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
NMeFOSE	<0.082		0.23	0.082	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
NEtFOSE	<0.041		0.23	0.041	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
4:2 FTS	<0.43		2.3	0.43	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
6:2 FTS	<0.17		2.3	0.17	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
8:2 FTS	<0.29		2.3	0.29	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
10:2 FTS	<0.057		0.23	0.057	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
DONA	<0.021		0.23	0.021	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
HFPO-DA (GenX)	<0.13		0.29	0.13	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
F-53B Major	<0.031		0.23	0.031	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1
F-53B Minor	<0.025		0.23	0.025	ug/Kg	☼	11/12/20 13:42	11/22/20 08:43	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	74		25 - 150	11/12/20 13:42	11/22/20 08:43	1
13C5 PFPeA	76		25 - 150	11/12/20 13:42	11/22/20 08:43	1
13C2 PFHxA	82		25 - 150	11/12/20 13:42	11/22/20 08:43	1
13C4 PFHpA	88		25 - 150	11/12/20 13:42	11/22/20 08:43	1
13C4 PFOA	83		25 - 150	11/12/20 13:42	11/22/20 08:43	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: PFAS-2 2-4'

Lab Sample ID: 320-66591-7

Date Collected: 11/10/20 10:40

Matrix: Solid

Date Received: 11/11/20 09:30

Percent Solids: 85.3

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C5 PFNA	87		25 - 150	11/12/20 13:42	11/22/20 08:43	1
13C2 PFDA	87		25 - 150	11/12/20 13:42	11/22/20 08:43	1
13C2 PFUnA	87		25 - 150	11/12/20 13:42	11/22/20 08:43	1
13C2 PFDoA	84		25 - 150	11/12/20 13:42	11/22/20 08:43	1
13C2 PFTeDA	89		25 - 150	11/12/20 13:42	11/22/20 08:43	1
13C2 PFHxDA	98		25 - 150	11/12/20 13:42	11/22/20 08:43	1
13C3 PFBS	63		25 - 150	11/12/20 13:42	11/22/20 08:43	1
18O2 PFHxS	60		25 - 150	11/12/20 13:42	11/22/20 08:43	1
13C4 PFOS	60		25 - 150	11/12/20 13:42	11/22/20 08:43	1
13C8 FOSA	84		25 - 150	11/12/20 13:42	11/22/20 08:43	1
d3-NMeFOSAA	84		25 - 150	11/12/20 13:42	11/22/20 08:43	1
d5-NEtFOSAA	96		25 - 150	11/12/20 13:42	11/22/20 08:43	1
d-N-MeFOSA-M	44		25 - 150	11/12/20 13:42	11/22/20 08:43	1
d-N-EtFOSA-M	38		25 - 150	11/12/20 13:42	11/22/20 08:43	1
d7-N-MeFOSE-M	25		10 - 120	11/12/20 13:42	11/22/20 08:43	1
d9-N-EtFOSE-M	23		10 - 120	11/12/20 13:42	11/22/20 08:43	1
M2-4:2 FTS	69		25 - 150	11/12/20 13:42	11/22/20 08:43	1
M2-6:2 FTS	48		25 - 150	11/12/20 13:42	11/22/20 08:43	1
M2-8:2 FTS	51		25 - 150	11/12/20 13:42	11/22/20 08:43	1
13C3 HFPO-DA	76		25 - 150	11/12/20 13:42	11/22/20 08:43	1

General Chemistry

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Percent Moisture	14.7		0.1	0.1	%			11/12/20 11:10	1
Percent Solids	85.3		0.1	0.1	%			11/12/20 11:10	1

Client Sample Results

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: PFAS-1 3-4'

Lab Sample ID: 320-66591-8

Date Collected: 11/10/20 11:00

Matrix: Solid

Date Received: 11/11/20 09:30

Percent Solids: 81.1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.10	J B	0.24	0.034	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
Perfluoropentanoic acid (PFPeA)	<0.094		0.24	0.094	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
Perfluorohexanoic acid (PFHxA)	<0.051		0.24	0.051	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
Perfluoroheptanoic acid (PFHpA)	<0.035		0.24	0.035	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
Perfluorooctanoic acid (PFOA)	0.13	J	0.24	0.10	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
Perfluorononanoic acid (PFNA)	<0.044		0.24	0.044	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
Perfluorodecanoic acid (PFDA)	<0.027		0.24	0.027	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
Perfluoroundecanoic acid (PFUnA)	<0.044		0.24	0.044	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
Perfluorododecanoic acid (PFDoA)	<0.081		0.24	0.081	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
Perfluorotridecanoic acid (PFTriA)	<0.062		0.24	0.062	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
Perfluorotetradecanoic acid (PFTeA)	<0.066		0.24	0.066	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.054		0.24	0.054	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.034		0.24	0.034	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
Perfluorobutanesulfonic acid (PFBS)	<0.030		0.24	0.030	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
Perfluoropentanesulfonic acid (PFPeS)	0.053	J	0.24	0.024	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
Perfluorohexanesulfonic acid (PFHxS)	1.8		0.24	0.038	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.9		0.24	0.043	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
Perfluorooctanesulfonic acid (PFOS)	2.6	I	0.61	0.24	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
Perfluorononanesulfonic acid (PFNS)	<0.024		0.24	0.024	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
Perfluorodecanesulfonic acid (PFDS)	<0.047		0.24	0.047	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
Perfluorododecanesulfonic acid (PFDoS)	<0.073		0.24	0.073	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
Perfluorooctanesulfonamide (FOSA)	<0.10		0.24	0.10	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
NEtFOSA	<0.029		0.24	0.029	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
NMeFOSA	<0.050		0.24	0.050	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.47		2.4	0.47	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.45		2.4	0.45	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
NMeFOSE	<0.086		0.24	0.086	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
NEtFOSE	<0.044		0.24	0.044	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
4:2 FTS	<0.45		2.4	0.45	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
6:2 FTS	<0.18		2.4	0.18	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
8:2 FTS	<0.30		2.4	0.30	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
10:2 FTS	<0.061		0.24	0.061	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
DONA	<0.022		0.24	0.022	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
HFPO-DA (GenX)	<0.13		0.30	0.13	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
F-53B Major	<0.033		0.24	0.033	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
F-53B Minor	<0.027		0.24	0.027	ug/Kg	☼	11/12/20 13:42	11/22/20 08:52	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	71		25 - 150				11/12/20 13:42	11/22/20 08:52	1
13C5 PFPeA	72		25 - 150				11/12/20 13:42	11/22/20 08:52	1
13C2 PFHxA	81		25 - 150				11/12/20 13:42	11/22/20 08:52	1
13C4 PFHpA	82		25 - 150				11/12/20 13:42	11/22/20 08:52	1
13C4 PFOA	81		25 - 150				11/12/20 13:42	11/22/20 08:52	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: PFAS-1 3-4'

Lab Sample ID: 320-66591-8

Date Collected: 11/10/20 11:00

Matrix: Solid

Date Received: 11/11/20 09:30

Percent Solids: 81.1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

<u>Isotope Dilution</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
13C5 PFNA	84		25 - 150	11/12/20 13:42	11/22/20 08:52	1
13C2 PFDA	80		25 - 150	11/12/20 13:42	11/22/20 08:52	1
13C2 PFUnA	81		25 - 150	11/12/20 13:42	11/22/20 08:52	1
13C2 PFDoA	83		25 - 150	11/12/20 13:42	11/22/20 08:52	1
13C2 PFTeDA	86		25 - 150	11/12/20 13:42	11/22/20 08:52	1
13C2 PFHxDA	85		25 - 150	11/12/20 13:42	11/22/20 08:52	1
13C3 PFBS	60		25 - 150	11/12/20 13:42	11/22/20 08:52	1
18O2 PFHxS	56		25 - 150	11/12/20 13:42	11/22/20 08:52	1
13C4 PFOS	57		25 - 150	11/12/20 13:42	11/22/20 08:52	1
13C8 FOSA	73		25 - 150	11/12/20 13:42	11/22/20 08:52	1
d3-NMeFOSAA	82		25 - 150	11/12/20 13:42	11/22/20 08:52	1
d5-NEtFOSAA	91		25 - 150	11/12/20 13:42	11/22/20 08:52	1
d-N-MeFOSA-M	27		25 - 150	11/12/20 13:42	11/22/20 08:52	1
d-N-EtFOSA-M	26		25 - 150	11/12/20 13:42	11/22/20 08:52	1
d7-N-MeFOSE-M	13		10 - 120	11/12/20 13:42	11/22/20 08:52	1
d9-N-EtFOSE-M	11		10 - 120	11/12/20 13:42	11/22/20 08:52	1
M2-4:2 FTS	69		25 - 150	11/12/20 13:42	11/22/20 08:52	1
M2-6:2 FTS	51		25 - 150	11/12/20 13:42	11/22/20 08:52	1
M2-8:2 FTS	50		25 - 150	11/12/20 13:42	11/22/20 08:52	1
13C3 HFPO-DA	74		25 - 150	11/12/20 13:42	11/22/20 08:52	1

General Chemistry

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>RL</u>	<u>MDL</u>	<u>Unit</u>	<u>D</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
Percent Moisture	18.9		0.1	0.1	%			11/12/20 11:10	1
Percent Solids	81.1		0.1	0.1	%			11/12/20 11:10	1

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: FB-1

Lab Sample ID: 320-66591-9

Date Collected: 11/10/20 08:35

Matrix: Water

Date Received: 11/11/20 09:30

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.2		4.6	2.2	ng/L		11/13/20 05:03	11/14/20 00:50	1
Perfluoropentanoic acid (PFPeA)	<0.45		1.9	0.45	ng/L		11/13/20 05:03	11/14/20 00:50	1
Perfluorohexanoic acid (PFHxA)	<0.54		1.9	0.54	ng/L		11/13/20 05:03	11/14/20 00:50	1
Perfluoroheptanoic acid (PFHpA)	<0.23		1.9	0.23	ng/L		11/13/20 05:03	11/14/20 00:50	1
Perfluorooctanoic acid (PFOA)	<0.79		1.9	0.79	ng/L		11/13/20 05:03	11/14/20 00:50	1
Perfluorononanoic acid (PFNA)	<0.25		1.9	0.25	ng/L		11/13/20 05:03	11/14/20 00:50	1
Perfluorodecanoic acid (PFDA)	<0.29		1.9	0.29	ng/L		11/13/20 05:03	11/14/20 00:50	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.9	1.0	ng/L		11/13/20 05:03	11/14/20 00:50	1
Perfluorododecanoic acid (PFDoA)	<0.51		1.9	0.51	ng/L		11/13/20 05:03	11/14/20 00:50	1
Perfluorotridecanoic acid (PFTriA)	<1.2		1.9	1.2	ng/L		11/13/20 05:03	11/14/20 00:50	1
Perfluorotetradecanoic acid (PFTeA)	<0.68		1.9	0.68	ng/L		11/13/20 05:03	11/14/20 00:50	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.82		1.9	0.82	ng/L		11/13/20 05:03	11/14/20 00:50	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.87		1.9	0.87	ng/L		11/13/20 05:03	11/14/20 00:50	1
Perfluorobutanesulfonic acid (PFBS)	<0.19		1.9	0.19	ng/L		11/13/20 05:03	11/14/20 00:50	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.9	0.28	ng/L		11/13/20 05:03	11/14/20 00:50	1
Perfluorohexanesulfonic acid (PFHxS)	<0.53		1.9	0.53	ng/L		11/13/20 05:03	11/14/20 00:50	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.9	0.18	ng/L		11/13/20 05:03	11/14/20 00:50	1
Perfluorooctanesulfonic acid (PFOS)	<0.50		1.9	0.50	ng/L		11/13/20 05:03	11/14/20 00:50	1
Perfluorononanesulfonic acid (PFNS)	<0.34		1.9	0.34	ng/L		11/13/20 05:03	11/14/20 00:50	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.9	0.30	ng/L		11/13/20 05:03	11/14/20 00:50	1
Perfluorododecanesulfonic acid (PFDoS)	<0.90		1.9	0.90	ng/L		11/13/20 05:03	11/14/20 00:50	1
Perfluorooctanesulfonamide (FOSA)	<0.91		1.9	0.91	ng/L		11/13/20 05:03	11/14/20 00:50	1
NEtFOSA	<0.81		1.9	0.81	ng/L		11/13/20 05:03	11/14/20 00:50	1
NMeFOSA	<0.40		1.9	0.40	ng/L		11/13/20 05:03	11/14/20 00:50	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<1.1		4.6	1.1	ng/L		11/13/20 05:03	11/14/20 00:50	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<1.2		4.6	1.2	ng/L		11/13/20 05:03	11/14/20 00:50	1
NMeFOSE	<1.3		3.7	1.3	ng/L		11/13/20 05:03	11/14/20 00:50	1
NEtFOSE	<0.79		1.9	0.79	ng/L		11/13/20 05:03	11/14/20 00:50	1
4:2 FTS	<0.22		1.9	0.22	ng/L		11/13/20 05:03	11/14/20 00:50	1
6:2 FTS	<2.3		4.6	2.3	ng/L		11/13/20 05:03	11/14/20 00:50	1
8:2 FTS	<0.43		1.9	0.43	ng/L		11/13/20 05:03	11/14/20 00:50	1
10:2 FTS	<0.62		1.9	0.62	ng/L		11/13/20 05:03	11/14/20 00:50	1
DONA	<0.37		1.9	0.37	ng/L		11/13/20 05:03	11/14/20 00:50	1
HFPO-DA (GenX)	<1.4		3.7	1.4	ng/L		11/13/20 05:03	11/14/20 00:50	1
F-53B Major	<0.22		1.9	0.22	ng/L		11/13/20 05:03	11/14/20 00:50	1
F-53B Minor	<0.30		1.9	0.30	ng/L		11/13/20 05:03	11/14/20 00:50	1
<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C4 PFBA	102		25 - 150				11/13/20 05:03	11/14/20 00:50	1
13C5 PFPeA	106		25 - 150				11/13/20 05:03	11/14/20 00:50	1
13C2 PFHxA	99		25 - 150				11/13/20 05:03	11/14/20 00:50	1
13C4 PFHpA	98		25 - 150				11/13/20 05:03	11/14/20 00:50	1
13C4 PFOA	99		25 - 150				11/13/20 05:03	11/14/20 00:50	1
13C5 PFNA	96		25 - 150				11/13/20 05:03	11/14/20 00:50	1
13C2 PFDA	94		25 - 150				11/13/20 05:03	11/14/20 00:50	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: FB-1

Lab Sample ID: 320-66591-9

Date Collected: 11/10/20 08:35

Matrix: Water

Date Received: 11/11/20 09:30

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C2 PFUnA	89		25 - 150	11/13/20 05:03	11/14/20 00:50	1
13C2 PFDoA	87		25 - 150	11/13/20 05:03	11/14/20 00:50	1
13C2 PFTeDA	85		25 - 150	11/13/20 05:03	11/14/20 00:50	1
13C2 PFHxDA	86		25 - 150	11/13/20 05:03	11/14/20 00:50	1
13C3 PFBS	101		25 - 150	11/13/20 05:03	11/14/20 00:50	1
18O2 PFHxS	101		25 - 150	11/13/20 05:03	11/14/20 00:50	1
13C4 PFOS	108		25 - 150	11/13/20 05:03	11/14/20 00:50	1
13C8 FOSA	107		25 - 150	11/13/20 05:03	11/14/20 00:50	1
d3-NMeFOSAA	64		25 - 150	11/13/20 05:03	11/14/20 00:50	1
d5-NEtFOSAA	71		25 - 150	11/13/20 05:03	11/14/20 00:50	1
d-N-MeFOSA-M	77		20 - 150	11/13/20 05:03	11/14/20 00:50	1
d-N-EtFOSA-M	56		20 - 150	11/13/20 05:03	11/14/20 00:50	1
d7-N-MeFOSE-M	26		10 - 120	11/13/20 05:03	11/14/20 00:50	1
d9-N-EtFOSE-M	22		10 - 120	11/13/20 05:03	11/14/20 00:50	1
M2-4:2 FTS	83		25 - 150	11/13/20 05:03	11/14/20 00:50	1
M2-6:2 FTS	94		25 - 150	11/13/20 05:03	11/14/20 00:50	1
M2-8:2 FTS	99		25 - 150	11/13/20 05:03	11/14/20 00:50	1
13C3 HFPO-DA	92		25 - 150	11/13/20 05:03	11/14/20 00:50	1

Client Sample Results

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: EB-1

Lab Sample ID: 320-66591-10

Date Collected: 11/10/20 08:35

Matrix: Water

Date Received: 11/11/20 09:30

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.2		4.6	2.2	ng/L		11/13/20 05:03	11/14/20 01:17	1
Perfluoropentanoic acid (PFPeA)	<0.45		1.8	0.45	ng/L		11/13/20 05:03	11/14/20 01:17	1
Perfluorohexanoic acid (PFHxA)	<0.53		1.8	0.53	ng/L		11/13/20 05:03	11/14/20 01:17	1
Perfluoroheptanoic acid (PFHpA)	<0.23		1.8	0.23	ng/L		11/13/20 05:03	11/14/20 01:17	1
Perfluorooctanoic acid (PFOA)	<0.78		1.8	0.78	ng/L		11/13/20 05:03	11/14/20 01:17	1
Perfluorononanoic acid (PFNA)	<0.25		1.8	0.25	ng/L		11/13/20 05:03	11/14/20 01:17	1
Perfluorodecanoic acid (PFDA)	<0.29		1.8	0.29	ng/L		11/13/20 05:03	11/14/20 01:17	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.8	1.0	ng/L		11/13/20 05:03	11/14/20 01:17	1
Perfluorododecanoic acid (PFDoA)	<0.51		1.8	0.51	ng/L		11/13/20 05:03	11/14/20 01:17	1
Perfluorotridecanoic acid (PFTriA)	<1.2		1.8	1.2	ng/L		11/13/20 05:03	11/14/20 01:17	1
Perfluorotetradecanoic acid (PFTeA)	<0.67		1.8	0.67	ng/L		11/13/20 05:03	11/14/20 01:17	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.82		1.8	0.82	ng/L		11/13/20 05:03	11/14/20 01:17	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.87		1.8	0.87	ng/L		11/13/20 05:03	11/14/20 01:17	1
Perfluorobutanesulfonic acid (PFBS)	<0.18		1.8	0.18	ng/L		11/13/20 05:03	11/14/20 01:17	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.8	0.28	ng/L		11/13/20 05:03	11/14/20 01:17	1
Perfluorohexanesulfonic acid (PFHxS)	<0.53		1.8	0.53	ng/L		11/13/20 05:03	11/14/20 01:17	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.8	0.18	ng/L		11/13/20 05:03	11/14/20 01:17	1
Perfluorooctanesulfonic acid (PFOS)	<0.50		1.8	0.50	ng/L		11/13/20 05:03	11/14/20 01:17	1
Perfluorononanesulfonic acid (PFNS)	<0.34		1.8	0.34	ng/L		11/13/20 05:03	11/14/20 01:17	1
Perfluorodecanesulfonic acid (PFDS)	<0.29		1.8	0.29	ng/L		11/13/20 05:03	11/14/20 01:17	1
Perfluorododecanesulfonic acid (PFDoS)	<0.89		1.8	0.89	ng/L		11/13/20 05:03	11/14/20 01:17	1
Perfluorooctanesulfonamide (FOSA)	<0.90		1.8	0.90	ng/L		11/13/20 05:03	11/14/20 01:17	1
NEtFOSA	<0.80		1.8	0.80	ng/L		11/13/20 05:03	11/14/20 01:17	1
NMeFOSA	<0.40		1.8	0.40	ng/L		11/13/20 05:03	11/14/20 01:17	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<1.1		4.6	1.1	ng/L		11/13/20 05:03	11/14/20 01:17	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<1.2		4.6	1.2	ng/L		11/13/20 05:03	11/14/20 01:17	1
NMeFOSE	<1.3		3.7	1.3	ng/L		11/13/20 05:03	11/14/20 01:17	1
NEtFOSE	<0.78		1.8	0.78	ng/L		11/13/20 05:03	11/14/20 01:17	1
4:2 FTS	<0.22		1.8	0.22	ng/L		11/13/20 05:03	11/14/20 01:17	1
6:2 FTS	<2.3		4.6	2.3	ng/L		11/13/20 05:03	11/14/20 01:17	1
8:2 FTS	<0.42		1.8	0.42	ng/L		11/13/20 05:03	11/14/20 01:17	1
10:2 FTS	<0.62		1.8	0.62	ng/L		11/13/20 05:03	11/14/20 01:17	1
DONA	<0.37		1.8	0.37	ng/L		11/13/20 05:03	11/14/20 01:17	1
HFPO-DA (GenX)	<1.4		3.7	1.4	ng/L		11/13/20 05:03	11/14/20 01:17	1
F-53B Major	<0.22		1.8	0.22	ng/L		11/13/20 05:03	11/14/20 01:17	1
F-53B Minor	<0.29		1.8	0.29	ng/L		11/13/20 05:03	11/14/20 01:17	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	96		25 - 150	11/13/20 05:03	11/14/20 01:17	1
13C5 PFPeA	101		25 - 150	11/13/20 05:03	11/14/20 01:17	1
13C2 PFHxA	94		25 - 150	11/13/20 05:03	11/14/20 01:17	1
13C4 PFHpA	94		25 - 150	11/13/20 05:03	11/14/20 01:17	1
13C4 PFOA	96		25 - 150	11/13/20 05:03	11/14/20 01:17	1
13C5 PFNA	92		25 - 150	11/13/20 05:03	11/14/20 01:17	1
13C2 PFDA	91		25 - 150	11/13/20 05:03	11/14/20 01:17	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: EB-1

Lab Sample ID: 320-66591-10

Date Collected: 11/10/20 08:35

Matrix: Water

Date Received: 11/11/20 09:30

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C2 PFUnA	92		25 - 150	11/13/20 05:03	11/14/20 01:17	1
13C2 PFDoA	87		25 - 150	11/13/20 05:03	11/14/20 01:17	1
13C2 PFTeDA	83		25 - 150	11/13/20 05:03	11/14/20 01:17	1
13C2 PFHxDA	86		25 - 150	11/13/20 05:03	11/14/20 01:17	1
13C3 PFBS	97		25 - 150	11/13/20 05:03	11/14/20 01:17	1
18O2 PFHxS	96		25 - 150	11/13/20 05:03	11/14/20 01:17	1
13C4 PFOS	98		25 - 150	11/13/20 05:03	11/14/20 01:17	1
13C8 FOSA	99		25 - 150	11/13/20 05:03	11/14/20 01:17	1
d3-NMeFOSAA	62		25 - 150	11/13/20 05:03	11/14/20 01:17	1
d5-NEtFOSAA	64		25 - 150	11/13/20 05:03	11/14/20 01:17	1
d-N-MeFOSA-M	71		20 - 150	11/13/20 05:03	11/14/20 01:17	1
d-N-EtFOSA-M	59		20 - 150	11/13/20 05:03	11/14/20 01:17	1
d7-N-MeFOSE-M	39		10 - 120	11/13/20 05:03	11/14/20 01:17	1
d9-N-EtFOSE-M	31		10 - 120	11/13/20 05:03	11/14/20 01:17	1
M2-4:2 FTS	80		25 - 150	11/13/20 05:03	11/14/20 01:17	1
M2-6:2 FTS	90		25 - 150	11/13/20 05:03	11/14/20 01:17	1
M2-8:2 FTS	100		25 - 150	11/13/20 05:03	11/14/20 01:17	1
13C3 HFPO-DA	87		25 - 150	11/13/20 05:03	11/14/20 01:17	1

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: TB-Soil

Lab Sample ID: 320-66591-11

Date Collected: 11/10/20 00:00

Matrix: Water

Date Received: 11/11/20 09:30

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.2		4.6	2.2	ng/L		11/13/20 05:03	11/14/20 01:27	1
Perfluoropentanoic acid (PFPeA)	<0.45		1.8	0.45	ng/L		11/13/20 05:03	11/14/20 01:27	1
Perfluorohexanoic acid (PFHxA)	<0.54		1.8	0.54	ng/L		11/13/20 05:03	11/14/20 01:27	1
Perfluoroheptanoic acid (PFHpA)	<0.23		1.8	0.23	ng/L		11/13/20 05:03	11/14/20 01:27	1
Perfluorooctanoic acid (PFOA)	<0.79		1.8	0.79	ng/L		11/13/20 05:03	11/14/20 01:27	1
Perfluorononanoic acid (PFNA)	<0.25		1.8	0.25	ng/L		11/13/20 05:03	11/14/20 01:27	1
Perfluorodecanoic acid (PFDA)	<0.29		1.8	0.29	ng/L		11/13/20 05:03	11/14/20 01:27	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.8	1.0	ng/L		11/13/20 05:03	11/14/20 01:27	1
Perfluorododecanoic acid (PFDoA)	<0.51		1.8	0.51	ng/L		11/13/20 05:03	11/14/20 01:27	1
Perfluorotridecanoic acid (PFTriA)	<1.2		1.8	1.2	ng/L		11/13/20 05:03	11/14/20 01:27	1
Perfluorotetradecanoic acid (PFTeA)	<0.67		1.8	0.67	ng/L		11/13/20 05:03	11/14/20 01:27	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.82		1.8	0.82	ng/L		11/13/20 05:03	11/14/20 01:27	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.87		1.8	0.87	ng/L		11/13/20 05:03	11/14/20 01:27	1
Perfluorobutanesulfonic acid (PFBS)	<0.18		1.8	0.18	ng/L		11/13/20 05:03	11/14/20 01:27	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.8	0.28	ng/L		11/13/20 05:03	11/14/20 01:27	1
Perfluorohexanesulfonic acid (PFHxS)	<0.53		1.8	0.53	ng/L		11/13/20 05:03	11/14/20 01:27	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.8	0.18	ng/L		11/13/20 05:03	11/14/20 01:27	1
Perfluorooctanesulfonic acid (PFOS)	<0.50		1.8	0.50	ng/L		11/13/20 05:03	11/14/20 01:27	1
Perfluorononanesulfonic acid (PFNS)	<0.34		1.8	0.34	ng/L		11/13/20 05:03	11/14/20 01:27	1
Perfluorodecanesulfonic acid (PFDS)	<0.30		1.8	0.30	ng/L		11/13/20 05:03	11/14/20 01:27	1
Perfluorododecanesulfonic acid (PFDoS)	<0.90		1.8	0.90	ng/L		11/13/20 05:03	11/14/20 01:27	1
Perfluorooctanesulfonamide (FOSA)	<0.91		1.8	0.91	ng/L		11/13/20 05:03	11/14/20 01:27	1
NEtFOSA	<0.80		1.8	0.80	ng/L		11/13/20 05:03	11/14/20 01:27	1
NMeFOSA	<0.40		1.8	0.40	ng/L		11/13/20 05:03	11/14/20 01:27	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<1.1		4.6	1.1	ng/L		11/13/20 05:03	11/14/20 01:27	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<1.2		4.6	1.2	ng/L		11/13/20 05:03	11/14/20 01:27	1
NMeFOSE	<1.3		3.7	1.3	ng/L		11/13/20 05:03	11/14/20 01:27	1
NEtFOSE	<0.79		1.8	0.79	ng/L		11/13/20 05:03	11/14/20 01:27	1
4:2 FTS	<0.22		1.8	0.22	ng/L		11/13/20 05:03	11/14/20 01:27	1
6:2 FTS	<2.3		4.6	2.3	ng/L		11/13/20 05:03	11/14/20 01:27	1
8:2 FTS	<0.42		1.8	0.42	ng/L		11/13/20 05:03	11/14/20 01:27	1
10:2 FTS	<0.62		1.8	0.62	ng/L		11/13/20 05:03	11/14/20 01:27	1
DONA	<0.37		1.8	0.37	ng/L		11/13/20 05:03	11/14/20 01:27	1
HFPO-DA (GenX)	<1.4		3.7	1.4	ng/L		11/13/20 05:03	11/14/20 01:27	1
F-53B Major	<0.22		1.8	0.22	ng/L		11/13/20 05:03	11/14/20 01:27	1
F-53B Minor	<0.30		1.8	0.30	ng/L		11/13/20 05:03	11/14/20 01:27	1
<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C4 PFBA	97		25 - 150				11/13/20 05:03	11/14/20 01:27	1
13C5 PFPeA	99		25 - 150				11/13/20 05:03	11/14/20 01:27	1
13C2 PFHxA	96		25 - 150				11/13/20 05:03	11/14/20 01:27	1
13C4 PFHpA	94		25 - 150				11/13/20 05:03	11/14/20 01:27	1
13C4 PFOA	99		25 - 150				11/13/20 05:03	11/14/20 01:27	1
13C5 PFNA	94		25 - 150				11/13/20 05:03	11/14/20 01:27	1
13C2 PFDA	89		25 - 150				11/13/20 05:03	11/14/20 01:27	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: TB-Soil
Date Collected: 11/10/20 00:00
Date Received: 11/11/20 09:30

Lab Sample ID: 320-66591-11
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C2 PFUnA	96		25 - 150	11/13/20 05:03	11/14/20 01:27	1
13C2 PFDoA	76		25 - 150	11/13/20 05:03	11/14/20 01:27	1
13C2 PFTeDA	81		25 - 150	11/13/20 05:03	11/14/20 01:27	1
13C2 PFHxDA	68		25 - 150	11/13/20 05:03	11/14/20 01:27	1
13C3 PFBS	95		25 - 150	11/13/20 05:03	11/14/20 01:27	1
18O2 PFHxS	96		25 - 150	11/13/20 05:03	11/14/20 01:27	1
13C4 PFOS	100		25 - 150	11/13/20 05:03	11/14/20 01:27	1
13C8 FOSA	101		25 - 150	11/13/20 05:03	11/14/20 01:27	1
d3-NMeFOSAA	59		25 - 150	11/13/20 05:03	11/14/20 01:27	1
d5-NEtFOSAA	60		25 - 150	11/13/20 05:03	11/14/20 01:27	1
d-N-MeFOSA-M	66		20 - 150	11/13/20 05:03	11/14/20 01:27	1
d-N-EtFOSA-M	53		20 - 150	11/13/20 05:03	11/14/20 01:27	1
d7-N-MeFOSE-M	31		10 - 120	11/13/20 05:03	11/14/20 01:27	1
d9-N-EtFOSE-M	25		10 - 120	11/13/20 05:03	11/14/20 01:27	1
M2-4:2 FTS	82		25 - 150	11/13/20 05:03	11/14/20 01:27	1
M2-6:2 FTS	91		25 - 150	11/13/20 05:03	11/14/20 01:27	1
M2-8:2 FTS	93		25 - 150	11/13/20 05:03	11/14/20 01:27	1
13C3 HFPO-DA	91		25 - 150	11/13/20 05:03	11/14/20 01:27	1

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: FB-2
Date Collected: 11/10/20 10:50
Date Received: 11/11/20 09:30

Lab Sample ID: 320-66591-12
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.2		4.6	2.2	ng/L		11/13/20 05:03	11/14/20 01:36	1
Perfluoropentanoic acid (PFPeA)	<0.45		1.8	0.45	ng/L		11/13/20 05:03	11/14/20 01:36	1
Perfluorohexanoic acid (PFHxA)	<0.53		1.8	0.53	ng/L		11/13/20 05:03	11/14/20 01:36	1
Perfluoroheptanoic acid (PFHpA)	<0.23		1.8	0.23	ng/L		11/13/20 05:03	11/14/20 01:36	1
Perfluorooctanoic acid (PFOA)	<0.78		1.8	0.78	ng/L		11/13/20 05:03	11/14/20 01:36	1
Perfluorononanoic acid (PFNA)	<0.25		1.8	0.25	ng/L		11/13/20 05:03	11/14/20 01:36	1
Perfluorodecanoic acid (PFDA)	<0.29		1.8	0.29	ng/L		11/13/20 05:03	11/14/20 01:36	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.8	1.0	ng/L		11/13/20 05:03	11/14/20 01:36	1
Perfluorododecanoic acid (PFDoA)	<0.51		1.8	0.51	ng/L		11/13/20 05:03	11/14/20 01:36	1
Perfluorotridecanoic acid (PFTriA)	<1.2		1.8	1.2	ng/L		11/13/20 05:03	11/14/20 01:36	1
Perfluorotetradecanoic acid (PFTeA)	<0.67		1.8	0.67	ng/L		11/13/20 05:03	11/14/20 01:36	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.82		1.8	0.82	ng/L		11/13/20 05:03	11/14/20 01:36	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.87		1.8	0.87	ng/L		11/13/20 05:03	11/14/20 01:36	1
Perfluorobutanesulfonic acid (PFBS)	<0.18		1.8	0.18	ng/L		11/13/20 05:03	11/14/20 01:36	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.8	0.28	ng/L		11/13/20 05:03	11/14/20 01:36	1
Perfluorohexanesulfonic acid (PFHxS)	<0.53		1.8	0.53	ng/L		11/13/20 05:03	11/14/20 01:36	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.8	0.18	ng/L		11/13/20 05:03	11/14/20 01:36	1
Perfluorooctanesulfonic acid (PFOS)	<0.50		1.8	0.50	ng/L		11/13/20 05:03	11/14/20 01:36	1
Perfluorononanesulfonic acid (PFNS)	<0.34		1.8	0.34	ng/L		11/13/20 05:03	11/14/20 01:36	1
Perfluorodecanesulfonic acid (PFDS)	<0.29		1.8	0.29	ng/L		11/13/20 05:03	11/14/20 01:36	1
Perfluorododecanesulfonic acid (PFDoS)	<0.89		1.8	0.89	ng/L		11/13/20 05:03	11/14/20 01:36	1
Perfluorooctanesulfonamide (FOSA)	<0.90		1.8	0.90	ng/L		11/13/20 05:03	11/14/20 01:36	1
NEtFOSA	<0.80		1.8	0.80	ng/L		11/13/20 05:03	11/14/20 01:36	1
NMeFOSA	<0.40		1.8	0.40	ng/L		11/13/20 05:03	11/14/20 01:36	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<1.1		4.6	1.1	ng/L		11/13/20 05:03	11/14/20 01:36	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<1.2		4.6	1.2	ng/L		11/13/20 05:03	11/14/20 01:36	1
NMeFOSE	<1.3		3.7	1.3	ng/L		11/13/20 05:03	11/14/20 01:36	1
NEtFOSE	<0.78		1.8	0.78	ng/L		11/13/20 05:03	11/14/20 01:36	1
4:2 FTS	<0.22		1.8	0.22	ng/L		11/13/20 05:03	11/14/20 01:36	1
6:2 FTS	<2.3		4.6	2.3	ng/L		11/13/20 05:03	11/14/20 01:36	1
8:2 FTS	<0.42		1.8	0.42	ng/L		11/13/20 05:03	11/14/20 01:36	1
10:2 FTS	<0.62		1.8	0.62	ng/L		11/13/20 05:03	11/14/20 01:36	1
DONA	<0.37		1.8	0.37	ng/L		11/13/20 05:03	11/14/20 01:36	1
HFPO-DA (GenX)	<1.4		3.7	1.4	ng/L		11/13/20 05:03	11/14/20 01:36	1
F-53B Major	<0.22		1.8	0.22	ng/L		11/13/20 05:03	11/14/20 01:36	1
F-53B Minor	<0.29		1.8	0.29	ng/L		11/13/20 05:03	11/14/20 01:36	1
<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C4 PFBA	99		25 - 150				11/13/20 05:03	11/14/20 01:36	1
13C5 PFPeA	101		25 - 150				11/13/20 05:03	11/14/20 01:36	1
13C2 PFHxA	98		25 - 150				11/13/20 05:03	11/14/20 01:36	1
13C4 PFHpA	92		25 - 150				11/13/20 05:03	11/14/20 01:36	1
13C4 PFOA	99		25 - 150				11/13/20 05:03	11/14/20 01:36	1
13C5 PFNA	97		25 - 150				11/13/20 05:03	11/14/20 01:36	1
13C2 PFDA	88		25 - 150				11/13/20 05:03	11/14/20 01:36	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: FB-2

Lab Sample ID: 320-66591-12

Date Collected: 11/10/20 10:50

Matrix: Water

Date Received: 11/11/20 09:30

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C2 PFUnA	91		25 - 150	11/13/20 05:03	11/14/20 01:36	1
13C2 PFDoA	94		25 - 150	11/13/20 05:03	11/14/20 01:36	1
13C2 PFTeDA	89		25 - 150	11/13/20 05:03	11/14/20 01:36	1
13C2 PFHxDA	87		25 - 150	11/13/20 05:03	11/14/20 01:36	1
13C3 PFBS	97		25 - 150	11/13/20 05:03	11/14/20 01:36	1
18O2 PFHxS	100		25 - 150	11/13/20 05:03	11/14/20 01:36	1
13C4 PFOS	104		25 - 150	11/13/20 05:03	11/14/20 01:36	1
13C8 FOSA	104		25 - 150	11/13/20 05:03	11/14/20 01:36	1
d3-NMeFOSAA	65		25 - 150	11/13/20 05:03	11/14/20 01:36	1
d5-NEtFOSAA	66		25 - 150	11/13/20 05:03	11/14/20 01:36	1
d-N-MeFOSA-M	73		20 - 150	11/13/20 05:03	11/14/20 01:36	1
d-N-EtFOSA-M	54		20 - 150	11/13/20 05:03	11/14/20 01:36	1
d7-N-MeFOSE-M	31		10 - 120	11/13/20 05:03	11/14/20 01:36	1
d9-N-EtFOSE-M	24		10 - 120	11/13/20 05:03	11/14/20 01:36	1
M2-4:2 FTS	86		25 - 150	11/13/20 05:03	11/14/20 01:36	1
M2-6:2 FTS	94		25 - 150	11/13/20 05:03	11/14/20 01:36	1
M2-8:2 FTS	104		25 - 150	11/13/20 05:03	11/14/20 01:36	1
13C3 HFPO-DA	90		25 - 150	11/13/20 05:03	11/14/20 01:36	1

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: EB-2

Lab Sample ID: 320-66591-13

Date Collected: 11/10/20 10:55

Matrix: Water

Date Received: 11/11/20 09:30

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.2		4.6	2.2	ng/L		11/13/20 05:03	11/14/20 01:45	1
Perfluoropentanoic acid (PFPeA)	<0.45		1.8	0.45	ng/L		11/13/20 05:03	11/14/20 01:45	1
Perfluorohexanoic acid (PFHxA)	<0.53		1.8	0.53	ng/L		11/13/20 05:03	11/14/20 01:45	1
Perfluoroheptanoic acid (PFHpA)	<0.23		1.8	0.23	ng/L		11/13/20 05:03	11/14/20 01:45	1
Perfluorooctanoic acid (PFOA)	<0.78		1.8	0.78	ng/L		11/13/20 05:03	11/14/20 01:45	1
Perfluorononanoic acid (PFNA)	<0.25		1.8	0.25	ng/L		11/13/20 05:03	11/14/20 01:45	1
Perfluorodecanoic acid (PFDA)	<0.29		1.8	0.29	ng/L		11/13/20 05:03	11/14/20 01:45	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.8	1.0	ng/L		11/13/20 05:03	11/14/20 01:45	1
Perfluorododecanoic acid (PFDoA)	<0.51		1.8	0.51	ng/L		11/13/20 05:03	11/14/20 01:45	1
Perfluorotridecanoic acid (PFTriA)	<1.2		1.8	1.2	ng/L		11/13/20 05:03	11/14/20 01:45	1
Perfluorotetradecanoic acid (PFTeA)	<0.67		1.8	0.67	ng/L		11/13/20 05:03	11/14/20 01:45	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.82		1.8	0.82	ng/L		11/13/20 05:03	11/14/20 01:45	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.87		1.8	0.87	ng/L		11/13/20 05:03	11/14/20 01:45	1
Perfluorobutanesulfonic acid (PFBS)	<0.18		1.8	0.18	ng/L		11/13/20 05:03	11/14/20 01:45	1
Perfluoropentanesulfonic acid (PFPeS)	<0.28		1.8	0.28	ng/L		11/13/20 05:03	11/14/20 01:45	1
Perfluorohexanesulfonic acid (PFHxS)	<0.52		1.8	0.52	ng/L		11/13/20 05:03	11/14/20 01:45	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.17		1.8	0.17	ng/L		11/13/20 05:03	11/14/20 01:45	1
Perfluorooctanesulfonic acid (PFOS)	<0.50		1.8	0.50	ng/L		11/13/20 05:03	11/14/20 01:45	1
Perfluorononanesulfonic acid (PFNS)	<0.34		1.8	0.34	ng/L		11/13/20 05:03	11/14/20 01:45	1
Perfluorodecanesulfonic acid (PFDS)	<0.29		1.8	0.29	ng/L		11/13/20 05:03	11/14/20 01:45	1
Perfluorododecanesulfonic acid (PFDoS)	<0.89		1.8	0.89	ng/L		11/13/20 05:03	11/14/20 01:45	1
Perfluorooctanesulfonamide (FOSA)	<0.90		1.8	0.90	ng/L		11/13/20 05:03	11/14/20 01:45	1
NEtFOSA	<0.80		1.8	0.80	ng/L		11/13/20 05:03	11/14/20 01:45	1
NMeFOSA	<0.40		1.8	0.40	ng/L		11/13/20 05:03	11/14/20 01:45	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<1.1		4.6	1.1	ng/L		11/13/20 05:03	11/14/20 01:45	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<1.2		4.6	1.2	ng/L		11/13/20 05:03	11/14/20 01:45	1
NMeFOSE	<1.3		3.7	1.3	ng/L		11/13/20 05:03	11/14/20 01:45	1
NEtFOSE	<0.78		1.8	0.78	ng/L		11/13/20 05:03	11/14/20 01:45	1
4:2 FTS	<0.22		1.8	0.22	ng/L		11/13/20 05:03	11/14/20 01:45	1
6:2 FTS	<2.3		4.6	2.3	ng/L		11/13/20 05:03	11/14/20 01:45	1
8:2 FTS	<0.42		1.8	0.42	ng/L		11/13/20 05:03	11/14/20 01:45	1
10:2 FTS	<0.62		1.8	0.62	ng/L		11/13/20 05:03	11/14/20 01:45	1
DONA	<0.37		1.8	0.37	ng/L		11/13/20 05:03	11/14/20 01:45	1
HFPO-DA (GenX)	<1.4		3.7	1.4	ng/L		11/13/20 05:03	11/14/20 01:45	1
F-53B Major	<0.22		1.8	0.22	ng/L		11/13/20 05:03	11/14/20 01:45	1
F-53B Minor	<0.29		1.8	0.29	ng/L		11/13/20 05:03	11/14/20 01:45	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	99		25 - 150	11/13/20 05:03	11/14/20 01:45	1
13C5 PFPeA	100		25 - 150	11/13/20 05:03	11/14/20 01:45	1
13C2 PFHxA	96		25 - 150	11/13/20 05:03	11/14/20 01:45	1
13C4 PFHpA	96		25 - 150	11/13/20 05:03	11/14/20 01:45	1
13C4 PFOA	101		25 - 150	11/13/20 05:03	11/14/20 01:45	1
13C5 PFNA	97		25 - 150	11/13/20 05:03	11/14/20 01:45	1
13C2 PFDA	99		25 - 150	11/13/20 05:03	11/14/20 01:45	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: EB-2

Lab Sample ID: 320-66591-13

Date Collected: 11/10/20 10:55

Matrix: Water

Date Received: 11/11/20 09:30

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C2 PFUnA	90		25 - 150	11/13/20 05:03	11/14/20 01:45	1
13C2 PFDoA	86		25 - 150	11/13/20 05:03	11/14/20 01:45	1
13C2 PFTeDA	91		25 - 150	11/13/20 05:03	11/14/20 01:45	1
13C2 PFHxDA	90		25 - 150	11/13/20 05:03	11/14/20 01:45	1
13C3 PFBS	100		25 - 150	11/13/20 05:03	11/14/20 01:45	1
18O2 PFHxS	103		25 - 150	11/13/20 05:03	11/14/20 01:45	1
13C4 PFOS	107		25 - 150	11/13/20 05:03	11/14/20 01:45	1
13C8 FOSA	110		25 - 150	11/13/20 05:03	11/14/20 01:45	1
d3-NMeFOSAA	69		25 - 150	11/13/20 05:03	11/14/20 01:45	1
d5-NEtFOSAA	72		25 - 150	11/13/20 05:03	11/14/20 01:45	1
d-N-MeFOSA-M	83		20 - 150	11/13/20 05:03	11/14/20 01:45	1
d-N-EtFOSA-M	62		20 - 150	11/13/20 05:03	11/14/20 01:45	1
d7-N-MeFOSE-M	34		10 - 120	11/13/20 05:03	11/14/20 01:45	1
d9-N-EtFOSE-M	29		10 - 120	11/13/20 05:03	11/14/20 01:45	1
M2-4:2 FTS	88		25 - 150	11/13/20 05:03	11/14/20 01:45	1
M2-6:2 FTS	101		25 - 150	11/13/20 05:03	11/14/20 01:45	1
M2-8:2 FTS	109		25 - 150	11/13/20 05:03	11/14/20 01:45	1
13C3 HFPO-DA	88		25 - 150	11/13/20 05:03	11/14/20 01:45	1

Isotope Dilution Summary

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Solid

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (25-150)	PFPeA (25-150)	PFHxA (25-150)	C4PFHA (25-150)	PFOA (25-150)	PFNA (25-150)	PFDA (25-150)	PFUnA (25-150)
320-66591-1	PFAS-5 3-5'	83	84	92	93	93	95	95	98
320-66591-2	PFAS-8 6-8'	81	83	86	95	90	86	95	88
320-66591-3	PFAS-7 4-6'	82	84	88	94	90	90	88	88
320-66591-4	PFAS-6 5-7'	85	86	91	100	91	92	92	92
320-66591-4 MS	PFAS-6 5-7'	84	85	93	99	93	91	94	92
320-66591-4 MSD	PFAS-6 5-7'	84	85	92	98	95	92	95	96
320-66591-5	PFAS-4 6-8'	89	89	93	97	99	94	101	100
320-66591-5 MS	PFAS-4 6-8'	92	92	95	103	105	103	103	101
320-66591-5 MSD	PFAS-4 6-8'	92	87	93	101	102	104	97	100
320-66591-6	PFAS-3 4-6'	82	85	88	92	90	88	90	88
320-66591-7	PFAS-2 2-4'	74	76	82	88	83	87	87	87
320-66591-8	PFAS-1 3-4'	71	72	81	82	81	84	80	81
LCS 320-431089/2-A	Lab Control Sample	88	90	95	100	96	97	93	96
LCS 320-435321/2-A	Lab Control Sample	91	84	96	100	108	100	102	99
MB 320-431089/1-A	Method Blank	82	84	86	92	92	90	90	89
MB 320-435321/1-A	Method Blank	85	84	90	94	102	98	103	104

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFDaA (25-150)	PFTDA (25-150)	PFHxDA (25-150)	C3PFBS (25-150)	PFHxS (25-150)	PFOS (25-150)	PFOSA (25-150)	d3NMFOS (25-150)
320-66591-1	PFAS-5 3-5'	94	99	102	75	73	72	91	106
320-66591-2	PFAS-8 6-8'	88	92	93	66	66	66	84	81
320-66591-3	PFAS-7 4-6'	88	94	98	67	67	66	85	76
320-66591-4	PFAS-6 5-7'	93	98	100	73	73	72	92	81
320-66591-4 MS	PFAS-6 5-7'	89	95	100	72	73	72	93	81
320-66591-4 MSD	PFAS-6 5-7'	97	98	99	72	72	71	91	79
320-66591-5	PFAS-4 6-8'	107	105	96	76	82	81	87	62
320-66591-5 MS	PFAS-4 6-8'	111	120	112	78	81	82	91	70
320-66591-5 MSD	PFAS-4 6-8'	115	120	112	83	83	83	87	76
320-66591-6	PFAS-3 4-6'	88	92	90	66	66	66	84	68
320-66591-7	PFAS-2 2-4'	84	89	98	63	60	60	84	84
320-66591-8	PFAS-1 3-4'	83	86	85	60	56	57	73	82
LCS 320-431089/2-A	Lab Control Sample	92	98	108	90	92	89	96	92
LCS 320-435321/2-A	Lab Control Sample	117	115	107	88	90	93	93	96
MB 320-431089/1-A	Method Blank	86	94	99	85	86	83	87	84
MB 320-435321/1-A	Method Blank	104	109	101	83	86	86	88	94

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	d5NEFOS (25-150)	dMeFOSA (25-150)	dEtFOSA (25-150)	NMFM (10-120)	NEFM (10-120)	M242FTS (25-150)	M262FTS (25-150)	M282FTS (25-150)
320-66591-1	PFAS-5 3-5'	117	52	50	7 *5	7 *5	69	65	61
320-66591-2	PFAS-8 6-8'	96	47	46	5 *5	6 *5	41	44	43
320-66591-3	PFAS-7 4-6'	90	45	45	7 *5	7 *5	40	43	41
320-66591-4	PFAS-6 5-7'	93	45	45	6 *5	6 *5	41	48	46
320-66591-4 MS	PFAS-6 5-7'	96	60	55	5 *5	5 *5	42	44	44
320-66591-4 MSD	PFAS-6 5-7'	91	52	51	6 *5	5 *5	42	42	42
320-66591-5	PFAS-4 6-8'	71	50	44	6 *5	6 *5	76	82	82
320-66591-5 MS	PFAS-4 6-8'	76	56	48	10	10	87	90	91
320-66591-5 MSD	PFAS-4 6-8'	75	60	54	6 *5	6 *5	85	91	89
320-66591-6	PFAS-3 4-6'	86	60	57	11	11	38	39	37
320-66591-7	PFAS-2 2-4'	96	44	38	25	23	69	48	51

Eurofins TestAmerica, Sacramento

Isotope Dilution Summary

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Matrix: Solid

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	d5NEFOS (25-150)	dMeFOSA (25-150)	dEtFOSA (25-150)	NMFM (10-120)	NEFM (10-120)	M242FTS (25-150)	M262FTS (25-150)	M282FTS (25-150)
320-66591-8	PFAS-1 3-4'	91	27	26	13	11	69	51	50
LCS 320-431089/2-A	Lab Control Sample	102	45	43	9 *5	8 *5	58	63	57
LCS 320-435321/2-A	Lab Control Sample	104	51	46	18	18	92	191 *5	110
MB 320-431089/1-A	Method Blank	96	40	40	7 *5	7 *5	58	64	58
MB 320-435321/1-A	Method Blank	104	46	37	12	13	100	184 *5	114

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	HFPODA (25-150)
320-66591-1	PFAS-5 3-5'	84
320-66591-2	PFAS-8 6-8'	84
320-66591-3	PFAS-7 4-6'	85
320-66591-4	PFAS-6 5-7'	87
320-66591-4 MS	PFAS-6 5-7'	88
320-66591-4 MSD	PFAS-6 5-7'	92
320-66591-5	PFAS-4 6-8'	92
320-66591-5 MS	PFAS-4 6-8'	94
320-66591-5 MSD	PFAS-4 6-8'	94
320-66591-6	PFAS-3 4-6'	86
320-66591-7	PFAS-2 2-4'	76
320-66591-8	PFAS-1 3-4'	74
LCS 320-431089/2-A	Lab Control Sample	92
LCS 320-435321/2-A	Lab Control Sample	91
MB 320-431089/1-A	Method Blank	83
MB 320-435321/1-A	Method Blank	89

Surrogate Legend

- PFBA = 13C4 PFBA
- PFPeA = 13C5 PFPeA
- PFHxA = 13C2 PFHxA
- C4PFHA = 13C4 PFHpA
- PFOA = 13C4 PFOA
- PFNA = 13C5 PFNA
- PFDA = 13C2 PFDA
- PFUnA = 13C2 PFUnA
- PFDoA = 13C2 PFDoA
- PFTDA = 13C2 PFTeDA
- PFHxDA = 13C2 PFHxDA
- C3PFBS = 13C3 PFBS
- PFHxS = 18O2 PFHxS
- PFOS = 13C4 PFOS
- PFOSA = 13C8 FOSA
- d3NMFOS = d3-NMeFOSAA
- d5NEFOS = d5-NEtFOSAA
- dMeFOSA = d-N-MeFOSA-M
- dEtFOSA = d-N-EtFOSA-M
- NMFM = d7-N-MeFOSE-M
- NEFM = d9-N-EtFOSE-M
- M242FTS = M2-4:2 FTS
- M262FTS = M2-6:2 FTS
- M282FTS = M2-8:2 FTS

Isotope Dilution Summary

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020
 HFPODA = 13C3 HFPO-DA

Job ID: 320-66591-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFBA (25-150)	PFPeA (25-150)	PFHxA (25-150)	C4PFHA (25-150)	PFOA (25-150)	PFNA (25-150)	PFDA (25-150)	PFUnA (25-150)
320-66591-9	FB-1	102	106	99	98	99	96	94	89
320-66591-10	EB-1	96	101	94	94	96	92	91	92
320-66591-11	TB-Soil	97	99	96	94	99	94	89	96
320-66591-12	FB-2	99	101	98	92	99	97	88	91
320-66591-13	EB-2	99	100	96	96	101	97	99	90
LCS 320-431329/2-A	Lab Control Sample	96	96	95	92	96	93	89	91
LCSD 320-431329/3-A	Lab Control Sample Dup	101	102	100	94	101	93	91	91
MB 320-431329/1-A	Method Blank	101	99	97	97	102	93	98	98

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFDaA (25-150)	PFTDA (25-150)	PFHxDA (25-150)	C3PFBS (25-150)	PFHxS (25-150)	PFOS (25-150)	PFOSA (25-150)	d3NMFOS (25-150)
320-66591-9	FB-1	87	85	86	101	101	108	107	64
320-66591-10	EB-1	87	83	86	97	96	98	99	62
320-66591-11	TB-Soil	76	81	68	95	96	100	101	59
320-66591-12	FB-2	94	89	87	97	100	104	104	65
320-66591-13	EB-2	86	91	90	100	103	107	110	69
LCS 320-431329/2-A	Lab Control Sample	89	83	82	94	95	96	97	60
LCSD 320-431329/3-A	Lab Control Sample Dup	97	87	93	99	98	102	100	64
MB 320-431329/1-A	Method Blank	93	84	89	99	103	104	104	62

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	d5NEFOS (25-150)	dMeFOSA (20-150)	dEtFOSA (20-150)	NMFM (10-120)	NEFM (10-120)	M242FTS (25-150)	M262FTS (25-150)	M282FTS (25-150)
320-66591-9	FB-1	71	77	56	26	22	83	94	99
320-66591-10	EB-1	64	71	59	39	31	80	90	100
320-66591-11	TB-Soil	60	66	53	31	25	82	91	93
320-66591-12	FB-2	66	73	54	31	24	86	94	104
320-66591-13	EB-2	72	83	62	34	29	88	101	109
LCS 320-431329/2-A	Lab Control Sample	62	73	55	29	24	77	81	91
LCSD 320-431329/3-A	Lab Control Sample Dup	64	71	58	34	30	79	86	94
MB 320-431329/1-A	Method Blank	63	72	56	33	24	79	87	99

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	HFPODA (25-150)
320-66591-9	FB-1	92
320-66591-10	EB-1	87
320-66591-11	TB-Soil	91
320-66591-12	FB-2	90
320-66591-13	EB-2	88
LCS 320-431329/2-A	Lab Control Sample	86
LCSD 320-431329/3-A	Lab Control Sample Dup	93
MB 320-431329/1-A	Method Blank	89

Surrogate Legend

PFBA = 13C4 PFBA
 PFPeA = 13C5 PFPeA
 PFHxA = 13C2 PFHxA
 C4PFHA = 13C4 PFHpA
 PFOA = 13C4 PFOA

Isotope Dilution Summary

Client: Endpoint Solutions Corp

Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

PFNA = 13C5 PFNA
PFDA = 13C2 PFDA
PFUnA = 13C2 PFUnA
PFDoA = 13C2 PFDoA
PFTDA = 13C2 PFTeDA
PFHxDA = 13C2 PFHxDA
C3PFBS = 13C3 PFBS
PFHxS = 18O2 PFHxS
PFOS = 13C4 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
dMeFOSA = d-N-MeFOSA-M
dEtFOSA = d-N-EtFOSA-M
NMFm = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
M242FTS = M2-4:2 FTS
M262FTS = M2-6:2 FTS
M282FTS = M2-8:2 FTS
HFPODA = 13C3 HFPO-DA

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QC Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-431089/1-A
Matrix: Solid
Analysis Batch: 434434

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 431089

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorobutanoic acid (PFBA)	0.0846	J	0.20	0.028	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
Perfluoropentanoic acid (PFPeA)	<0.077		0.20	0.077	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
Perfluorohexanoic acid (PFHxA)	<0.042		0.20	0.042	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
Perfluoroheptanoic acid (PFHpA)	<0.029		0.20	0.029	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
Perfluorooctanoic acid (PFOA)	<0.086		0.20	0.086	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
Perfluorononanoic acid (PFNA)	<0.036		0.20	0.036	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
Perfluorodecanoic acid (PFDA)	<0.022		0.20	0.022	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
Perfluoroundecanoic acid (PFUnA)	<0.036		0.20	0.036	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
Perfluorododecanoic acid (PFDoA)	<0.067		0.20	0.067	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
Perfluorotridecanoic acid (PFTriA)	<0.051		0.20	0.051	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
Perfluorotetradecanoic acid (PFTeA)	<0.054		0.20	0.054	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.044		0.20	0.044	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.028		0.20	0.028	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
Perfluorobutanesulfonic acid (PFBS)	<0.025		0.20	0.025	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
Perfluoropentanesulfonic acid (PFPeS)	<0.020		0.20	0.020	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
Perfluorohexanesulfonic acid (PFHxS)	<0.031		0.20	0.031	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.035		0.20	0.035	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
Perfluorooctanesulfonic acid (PFOS)	<0.20		0.50	0.20	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
Perfluorononanesulfonic acid (PFNS)	<0.020		0.20	0.020	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
Perfluorodecanesulfonic acid (PFDS)	<0.039		0.20	0.039	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
Perfluorododecanesulfonic acid (PFDoS)	<0.060		0.20	0.060	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
Perfluorooctanesulfonamide (FOSA)	<0.082		0.20	0.082	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
NEtFOSA	<0.024		0.20	0.024	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
NMeFOSA	<0.041		0.20	0.041	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.39		2.0	0.39	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.37		2.0	0.37	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
NMeFOSE	<0.071		0.20	0.071	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
NEtFOSE	<0.036		0.20	0.036	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
4:2 FTS	<0.37		2.0	0.37	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
6:2 FTS	<0.15		2.0	0.15	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
8:2 FTS	<0.25		2.0	0.25	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
10:2 FTS	<0.050		0.20	0.050	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
DONA	<0.018		0.20	0.018	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
HFPO-DA (GenX)	<0.11		0.25	0.11	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
F-53B Major	<0.027		0.20	0.027	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
F-53B Minor	<0.022		0.20	0.022	ug/Kg		11/12/20 13:42	11/22/20 06:51	1
Isotope Dilution	MB	MB	Limits	Prepared	Analyzed	Dil Fac			
	%Recovery	Qualifier							
13C4 PFBA	82		25 - 150	11/12/20 13:42	11/22/20 06:51	1			
13C5 PFPeA	84		25 - 150	11/12/20 13:42	11/22/20 06:51	1			
13C2 PFHxA	86		25 - 150	11/12/20 13:42	11/22/20 06:51	1			
13C4 PFHpA	92		25 - 150	11/12/20 13:42	11/22/20 06:51	1			
13C4 PFOA	92		25 - 150	11/12/20 13:42	11/22/20 06:51	1			

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QC Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: MB 320-431089/1-A
Matrix: Solid
Analysis Batch: 434434

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 431089

Isotope Dilution	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C5 PFNA	90		25 - 150	11/12/20 13:42	11/22/20 06:51	1
13C2 PFDA	90		25 - 150	11/12/20 13:42	11/22/20 06:51	1
13C2 PFUnA	89		25 - 150	11/12/20 13:42	11/22/20 06:51	1
13C2 PFDoA	86		25 - 150	11/12/20 13:42	11/22/20 06:51	1
13C2 PFTeDA	94		25 - 150	11/12/20 13:42	11/22/20 06:51	1
13C2 PFHxDA	99		25 - 150	11/12/20 13:42	11/22/20 06:51	1
13C3 PFBS	85		25 - 150	11/12/20 13:42	11/22/20 06:51	1
18O2 PFHxS	86		25 - 150	11/12/20 13:42	11/22/20 06:51	1
13C4 PFOS	83		25 - 150	11/12/20 13:42	11/22/20 06:51	1
13C8 FOSA	87		25 - 150	11/12/20 13:42	11/22/20 06:51	1
d3-NMeFOSAA	84		25 - 150	11/12/20 13:42	11/22/20 06:51	1
d5-NEtFOSAA	96		25 - 150	11/12/20 13:42	11/22/20 06:51	1
d-N-MeFOSA-M	40		25 - 150	11/12/20 13:42	11/22/20 06:51	1
d-N-EtFOSA-M	40		25 - 150	11/12/20 13:42	11/22/20 06:51	1
d7-N-MeFOSE-M	7	*5	10 - 120	11/12/20 13:42	11/22/20 06:51	1
d9-N-EtFOSE-M	7	*5	10 - 120	11/12/20 13:42	11/22/20 06:51	1
M2-4:2 FTS	58		25 - 150	11/12/20 13:42	11/22/20 06:51	1
M2-6:2 FTS	64		25 - 150	11/12/20 13:42	11/22/20 06:51	1
M2-8:2 FTS	58		25 - 150	11/12/20 13:42	11/22/20 06:51	1
13C3 HFPO-DA	83		25 - 150	11/12/20 13:42	11/22/20 06:51	1

Lab Sample ID: LCS 320-431089/2-A
Matrix: Solid
Analysis Batch: 434434

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 431089

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluoropentanoic acid (PFPeA)	2.00	1.98		ug/Kg		99	69 - 129
Perfluorohexanoic acid (PFHxA)	2.00	2.12		ug/Kg		106	71 - 131
Perfluoroheptanoic acid (PFHpA)	2.00	2.08		ug/Kg		104	71 - 131
Perfluorooctanoic acid (PFOA)	2.00	2.01		ug/Kg		101	72 - 132
Perfluorononanoic acid (PFNA)	2.00	2.09		ug/Kg		104	73 - 133
Perfluorodecanoic acid (PFDA)	2.00	2.19		ug/Kg		109	72 - 132
Perfluoroundecanoic acid (PFUnA)	2.00	2.26		ug/Kg		113	66 - 126
Perfluorododecanoic acid (PFDoA)	2.00	2.29		ug/Kg		114	71 - 131
Perfluorotridecanoic acid (PFTriA)	2.00	2.27		ug/Kg		114	71 - 131
Perfluorotetradecanoic acid (PFTeA)	2.00	2.28		ug/Kg		114	67 - 127
Perfluoro-n-hexadecanoic acid (PFHxDA)	2.00	1.93		ug/Kg		96	75 - 135
Perfluoro-n-octadecanoic acid (PFODA)	2.00	2.05		ug/Kg		102	53 - 130
Perfluorobutanesulfonic acid (PFBS)	1.77	1.99		ug/Kg		112	69 - 129
Perfluoropentanesulfonic acid (PFPeS)	1.88	2.01		ug/Kg		107	66 - 126
Perfluorohexanesulfonic acid (PFHxS)	1.82	1.81		ug/Kg		99	62 - 122

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QC Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-431089/2-A
Matrix: Solid
Analysis Batch: 434434

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 431089

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluoroheptanesulfonic Acid (PFHpS)	1.90	2.13		ug/Kg		112	76 - 136
Perfluorooctanesulfonic acid (PFOS)	1.86	2.15		ug/Kg		116	68 - 141
Perfluorononanesulfonic acid (PFNS)	1.92	2.10		ug/Kg		109	72 - 132
Perfluorodecanesulfonic acid (PFDS)	1.93	2.09		ug/Kg		108	71 - 131
Perfluorododecanesulfonic acid (PFDoS)	1.94	2.18		ug/Kg		113	70 - 130
Perfluorooctanesulfonamide (FOSA)	2.00	2.26		ug/Kg		113	77 - 137
NMeFOSA	2.00	2.00		ug/Kg		100	63 - 148
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	2.05		ug/Kg		103	72 - 132
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	2.10		ug/Kg		105	72 - 132
NMeFOSE	2.00	2.09		ug/Kg		104	43 - 153
NEtFOSE	2.00	1.85		ug/Kg		92	44 - 155
4:2 FTS	1.87	2.10		ug/Kg		113	68 - 143
6:2 FTS	1.90	2.36		ug/Kg		124	73 - 139
8:2 FTS	1.92	2.36		ug/Kg		123	75 - 135
10:2 FTS	1.93	2.38		ug/Kg		123	69 - 145
DONA	1.88	2.20		ug/Kg		117	79 - 139
HFPO-DA (GenX)	2.00	2.10		ug/Kg		105	53 - 158
F-53B Major	1.86	2.03		ug/Kg		109	74 - 134
F-53B Minor	1.88	2.17		ug/Kg		115	66 - 136

Isotope Dilution	LCS LCS		Limits
	%Recovery	Qualifier	
13C4 PFBA	88		25 - 150
13C5 PFPeA	90		25 - 150
13C2 PFHxA	95		25 - 150
13C4 PFHpA	100		25 - 150
13C4 PFOA	96		25 - 150
13C5 PFNA	97		25 - 150
13C2 PFDA	93		25 - 150
13C2 PFUnA	96		25 - 150
13C2 PFDoA	92		25 - 150
13C2 PFTeDA	98		25 - 150
13C2 PFHxDA	108		25 - 150
13C3 PFBS	90		25 - 150
18O2 PFHxS	92		25 - 150
13C4 PFOS	89		25 - 150
13C8 FOSA	96		25 - 150
d3-NMeFOSAA	92		25 - 150
d5-NEtFOSAA	102		25 - 150
d-N-MeFOSA-M	45		25 - 150
d-N-EtFOSA-M	43		25 - 150
d7-N-MeFOSE-M	9	*5	10 - 120
d9-N-EtFOSE-M	8	*5	10 - 120
M2-4:2 FTS	58		25 - 150

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-431089/2-A
Matrix: Solid
Analysis Batch: 434434

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 431089

Isotope Dilution	LCS		Limits
	%Recovery	Qualifier	
M2-6:2 FTS	63		25 - 150
M2-8:2 FTS	57		25 - 150
13C3 HFPO-DA	92		25 - 150

Lab Sample ID: 320-66591-4 MS
Matrix: Solid
Analysis Batch: 434434

Client Sample ID: PFAS-6 5-7'
Prep Type: Total/NA
Prep Batch: 431089

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	Limits
				Result	Qualifier				
Perfluorobutanoic acid (PFBA)	0.17	J B	2.19	2.55		ug/Kg	☼	109	76 - 136
Perfluoropentanoic acid (PFPeA)	0.14	J	2.19	2.30		ug/Kg	☼	99	69 - 129
Perfluorohexanoic acid (PFHxA)	0.099	J	2.19	2.40		ug/Kg	☼	105	71 - 131
Perfluoroheptanoic acid (PFHpA)	0.083	J	2.19	2.32		ug/Kg	☼	102	71 - 131
Perfluorooctanoic acid (PFOA)	0.10	J	2.19	2.33		ug/Kg	☼	102	72 - 132
Perfluorononanoic acid (PFNA)	<0.039		2.19	2.32		ug/Kg	☼	106	73 - 133
Perfluorodecanoic acid (PFDA)	<0.024		2.19	2.33		ug/Kg	☼	106	72 - 132
Perfluoroundecanoic acid (PFUnA)	<0.039		2.19	2.44		ug/Kg	☼	111	66 - 126
Perfluorododecanoic acid (PFDoA)	<0.073		2.19	2.49		ug/Kg	☼	114	71 - 131
Perfluorotridecanoic acid (PFTriA)	<0.056		2.19	2.58		ug/Kg	☼	118	71 - 131
Perfluorotetradecanoic acid (PFTeA)	<0.059		2.19	2.38		ug/Kg	☼	109	67 - 127
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.048		2.19	2.22		ug/Kg	☼	102	75 - 135
Perfluoro-n-octadecanoic acid (PFODA)	<0.031		2.19	2.18		ug/Kg	☼	100	53 - 130
Perfluorobutanesulfonic acid (PFBS)	<0.027		1.94	2.03		ug/Kg	☼	105	69 - 129
Perfluoropentanesulfonic acid (PFPeS)	<0.022		2.05	2.15		ug/Kg	☼	105	66 - 126
Perfluorohexanesulfonic acid (PFHxS)	<0.034		1.99	1.95		ug/Kg	☼	98	62 - 122
Perfluoroheptanesulfonic Acid (PFHpS)	<0.038		2.08	2.28		ug/Kg	☼	110	76 - 136
Perfluorooctanesulfonic acid (PFOS)	0.42	J	2.03	2.26		ug/Kg	☼	90	68 - 141
Perfluorononanesulfonic acid (PFNS)	<0.022		2.10	2.32		ug/Kg	☼	110	72 - 132
Perfluorodecanesulfonic acid (PFDS)	<0.043		2.11	2.36		ug/Kg	☼	112	71 - 131
Perfluorododecanesulfonic acid (PFDoS)	<0.065		2.12	2.32		ug/Kg	☼	109	70 - 130
Perfluorooctanesulfonamide (FOSA)	<0.089		2.19	2.42		ug/Kg	☼	110	77 - 137
NMeFOSA	<0.045		2.19	2.23		ug/Kg	☼	102	63 - 148
N-methylperfluorooctanesulfonamide (NMeFOSAA)	<0.43		2.19	2.32		ug/Kg	☼	106	72 - 132
N-ethylperfluorooctanesulfonamide (NEtFOSAA)	<0.40		2.19	2.14	J	ug/Kg	☼	98	72 - 132
NMeFOSE	<0.077		2.19	2.11		ug/Kg	☼	97	43 - 153
NEtFOSE	<0.039		2.19	2.31		ug/Kg	☼	105	44 - 155

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QC Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 320-66591-4 MS

Matrix: Solid

Analysis Batch: 434434

Client Sample ID: PFAS-6 5-7'

Prep Type: Total/NA

Prep Batch: 431089

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
4:2 FTS	<0.40		2.04	2.46		ug/Kg	☼	120	68 - 143	
6:2 FTS	0.78	J	2.08	3.12		ug/Kg	☼	112	73 - 139	
8:2 FTS	<0.27		2.10	2.61		ug/Kg	☼	125	75 - 135	
10:2 FTS	<0.055		2.11	3.03		ug/Kg	☼	144	69 - 145	
DONA	<0.020	F1	2.06	2.85		ug/Kg	☼	138	79 - 139	
HFPO-DA (GenX)	<0.12		2.19	2.36		ug/Kg	☼	108	53 - 158	
F-53B Major	<0.029		2.04	2.21		ug/Kg	☼	108	74 - 134	
F-53B Minor	<0.024		2.06	2.49		ug/Kg	☼	121	66 - 136	

Isotope Dilution	MS	MS	Limits
	%Recovery	Qualifier	
13C4 PFBA	84		25 - 150
13C5 PFPeA	85		25 - 150
13C2 PFHxA	93		25 - 150
13C4 PFHpA	99		25 - 150
13C4 PFOA	93		25 - 150
13C5 PFNA	91		25 - 150
13C2 PFDA	94		25 - 150
13C2 PFUnA	92		25 - 150
13C2 PFDoA	89		25 - 150
13C2 PFTeDA	95		25 - 150
13C2 PFHxDA	100		25 - 150
13C3 PFBS	72		25 - 150
18O2 PFHxS	73		25 - 150
13C4 PFOS	72		25 - 150
13C8 FOSA	93		25 - 150
d3-NMeFOSAA	81		25 - 150
d5-NEtFOSAA	96		25 - 150
d-N-MeFOSA-M	60		25 - 150
d-N-EtFOSA-M	55		25 - 150
d7-N-MeFOSE-M	5	*5	10 - 120
d9-N-EtFOSE-M	5	*5	10 - 120
M2-4:2 FTS	42		25 - 150
M2-6:2 FTS	44		25 - 150
M2-8:2 FTS	44		25 - 150
13C3 HFPO-DA	88		25 - 150

Lab Sample ID: 320-66591-4 MSD

Matrix: Solid

Analysis Batch: 434434

Client Sample ID: PFAS-6 5-7'

Prep Type: Total/NA

Prep Batch: 431089

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Perfluorobutanoic acid (PFBA)	0.17	J B	2.11	2.57		ug/Kg	☼	114	76 - 136	1	30	
Perfluoropentanoic acid (PFPeA)	0.14	J	2.11	2.15		ug/Kg	☼	95	69 - 129	6	30	
Perfluorohexanoic acid (PFHxA)	0.099	J	2.11	2.28		ug/Kg	☼	103	71 - 131	5	30	
Perfluoroheptanoic acid (PFHpA)	0.083	J	2.11	2.24		ug/Kg	☼	102	71 - 131	3	30	
Perfluorooctanoic acid (PFOA)	0.10	J	2.11	2.17		ug/Kg	☼	98	72 - 132	7	30	
Perfluorononanoic acid (PFNA)	<0.039		2.11	2.34		ug/Kg	☼	111	73 - 133	1	30	
Perfluorodecanoic acid (PFDA)	<0.024		2.11	2.26		ug/Kg	☼	107	72 - 132	3	30	

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 320-66591-4 MSD
Matrix: Solid
Analysis Batch: 434434

Client Sample ID: PFAS-6 5-7'
Prep Type: Total/NA
Prep Batch: 431089

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluoroundecanoic acid (PFUnA)	<0.039		2.11	2.27		ug/Kg	☼	107	66 - 126	7	30
Perfluorododecanoic acid (PFDoA)	<0.073		2.11	2.19		ug/Kg	☼	103	71 - 131	13	30
Perfluorotridecanoic acid (PFTriA)	<0.056		2.11	2.29		ug/Kg	☼	108	71 - 131	12	30
Perfluorotetradecanoic acid (PFTeA)	<0.059		2.11	2.28		ug/Kg	☼	108	67 - 127	5	30
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.048		2.11	2.14		ug/Kg	☼	101	75 - 135	4	30
Perfluoro-n-octadecanoic acid (PFODA)	<0.031		2.11	2.28		ug/Kg	☼	108	53 - 130	4	30
Perfluorobutanesulfonic acid (PFBS)	<0.027		1.87	2.01		ug/Kg	☼	108	69 - 129	1	30
Perfluoropentanesulfonic acid (PFPeS)	<0.022		1.98	2.17		ug/Kg	☼	109	66 - 126	1	30
Perfluorohexanesulfonic acid (PFHxS)	<0.034		1.92	1.97		ug/Kg	☼	102	62 - 122	1	30
Perfluoroheptanesulfonic Acid (PFHpS)	<0.038		2.01	2.27		ug/Kg	☼	113	76 - 136	1	30
Perfluorooctanesulfonic acid (PFOS)	0.42	J	1.96	2.52		ug/Kg	☼	107	68 - 141	11	30
Perfluorononanesulfonic acid (PFNS)	<0.022		2.03	2.27		ug/Kg	☼	112	72 - 132	2	30
Perfluorodecanesulfonic acid (PFDS)	<0.043		2.04	2.32		ug/Kg	☼	114	71 - 131	2	30
Perfluorododecanesulfonic acid (PFDoS)	<0.065		2.04	2.29		ug/Kg	☼	112	70 - 130	1	30
Perfluorooctanesulfonamide (FOSA)	<0.089		2.11	2.36		ug/Kg	☼	112	77 - 137	2	30
NMeFOSA	<0.045		2.11	2.08		ug/Kg	☼	98	63 - 148	7	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.43		2.11	2.21		ug/Kg	☼	105	72 - 132	5	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.40		2.11	2.11		ug/Kg	☼	100	72 - 132	2	30
NMeFOSE	<0.077		2.11	2.17		ug/Kg	☼	103	43 - 153	3	30
NEtFOSE	<0.039		2.11	2.22		ug/Kg	☼	105	44 - 155	4	30
4:2 FTS	<0.40		1.97	2.13		ug/Kg	☼	108	68 - 143	15	30
6:2 FTS	0.78	J	2.00	3.09		ug/Kg	☼	115	73 - 139	1	30
8:2 FTS	<0.27		2.02	2.45		ug/Kg	☼	121	75 - 135	6	30
10:2 FTS	<0.055		2.04	2.72		ug/Kg	☼	134	69 - 145	11	30
DONA	<0.020	F1	1.99	2.79	F1	ug/Kg	☼	140	79 - 139	2	30
HFPO-DA (GenX)	<0.12		2.11	2.21		ug/Kg	☼	105	53 - 158	7	30
F-53B Major	<0.029		1.97	2.33		ug/Kg	☼	119	74 - 134	5	30
F-53B Minor	<0.024		1.99	2.53		ug/Kg	☼	127	66 - 136	2	30
MSD MSD											
Isotope Dilution	%Recovery	Qualifier	Limits								
13C4 PFBA	84		25 - 150								
13C5 PFPeA	85		25 - 150								
13C2 PFHxA	92		25 - 150								
13C4 PFHpA	98		25 - 150								
13C4 PFOA	95		25 - 150								
13C5 PFNA	92		25 - 150								

QC Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 320-66591-4 MSD
Matrix: Solid
Analysis Batch: 434434

Client Sample ID: PFAS-6 5-7'
Prep Type: Total/NA
Prep Batch: 431089

<i>Isotope Dilution</i>	<i>MSD MSD</i>		<i>Limits</i>
	<i>%Recovery</i>	<i>Qualifier</i>	
13C2 PFDA	95		25 - 150
13C2 PFUnA	96		25 - 150
13C2 PFDoA	97		25 - 150
13C2 PFTeDA	98		25 - 150
13C2 PFHxDA	99		25 - 150
13C3 PFBS	72		25 - 150
18O2 PFHxS	72		25 - 150
13C4 PFOS	71		25 - 150
13C8 FOSA	91		25 - 150
d3-NMeFOSAA	79		25 - 150
d5-NEtFOSAA	91		25 - 150
d-N-MeFOSA-M	52		25 - 150
d-N-EtFOSA-M	51		25 - 150
d7-N-MeFOSE-M	6	*5	10 - 120
d9-N-EtFOSE-M	5	*5	10 - 120
M2-4:2 FTS	42		25 - 150
M2-6:2 FTS	42		25 - 150
M2-8:2 FTS	42		25 - 150
13C3 HFPO-DA	92		25 - 150

Lab Sample ID: MB 320-431329/1-A
Matrix: Water
Analysis Batch: 431623

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 431329

<i>Analyte</i>	<i>MB MB</i>		<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
	<i>Result</i>	<i>Qualifier</i>							
Perfluorobutanoic acid (PFBA)	<2.4		5.0	2.4	ng/L		11/13/20 05:03	11/13/20 23:28	1
Perfluoropentanoic acid (PFPeA)	<0.49		2.0	0.49	ng/L		11/13/20 05:03	11/13/20 23:28	1
Perfluorohexanoic acid (PFHxA)	<0.58		2.0	0.58	ng/L		11/13/20 05:03	11/13/20 23:28	1
Perfluoroheptanoic acid (PFHpA)	<0.25		2.0	0.25	ng/L		11/13/20 05:03	11/13/20 23:28	1
Perfluorooctanoic acid (PFOA)	<0.85		2.0	0.85	ng/L		11/13/20 05:03	11/13/20 23:28	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		11/13/20 05:03	11/13/20 23:28	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		11/13/20 05:03	11/13/20 23:28	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		11/13/20 05:03	11/13/20 23:28	1
Perfluorododecanoic acid (PFDoA)	<0.55		2.0	0.55	ng/L		11/13/20 05:03	11/13/20 23:28	1
Perfluorotridecanoic acid (PFTriA)	<1.3		2.0	1.3	ng/L		11/13/20 05:03	11/13/20 23:28	1
Perfluorotetradecanoic acid (PFTeA)	<0.73		2.0	0.73	ng/L		11/13/20 05:03	11/13/20 23:28	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.89		2.0	0.89	ng/L		11/13/20 05:03	11/13/20 23:28	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.94		2.0	0.94	ng/L		11/13/20 05:03	11/13/20 23:28	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		11/13/20 05:03	11/13/20 23:28	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		11/13/20 05:03	11/13/20 23:28	1
Perfluorohexanesulfonic acid (PFHxS)	<0.57		2.0	0.57	ng/L		11/13/20 05:03	11/13/20 23:28	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.19		2.0	0.19	ng/L		11/13/20 05:03	11/13/20 23:28	1
Perfluorooctanesulfonic acid (PFOS)	<0.54		2.0	0.54	ng/L		11/13/20 05:03	11/13/20 23:28	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		11/13/20 05:03	11/13/20 23:28	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		11/13/20 05:03	11/13/20 23:28	1

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QC Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: MB 320-431329/1-A
Matrix: Water
Analysis Batch: 431623

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 431329

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanesulfonic acid (PFDoS)	<0.97		2.0	0.97	ng/L		11/13/20 05:03	11/13/20 23:28	1
Perfluorooctanesulfonamide (FOSA)	<0.98		2.0	0.98	ng/L		11/13/20 05:03	11/13/20 23:28	1
NEtFOSA	<0.87		2.0	0.87	ng/L		11/13/20 05:03	11/13/20 23:28	1
NMeFOSA	<0.43		2.0	0.43	ng/L		11/13/20 05:03	11/13/20 23:28	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<1.2		5.0	1.2	ng/L		11/13/20 05:03	11/13/20 23:28	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<1.3		5.0	1.3	ng/L		11/13/20 05:03	11/13/20 23:28	1
NMeFOSE	<1.4		4.0	1.4	ng/L		11/13/20 05:03	11/13/20 23:28	1
NEtFOSE	<0.85		2.0	0.85	ng/L		11/13/20 05:03	11/13/20 23:28	1
4:2 FTS	<0.24		2.0	0.24	ng/L		11/13/20 05:03	11/13/20 23:28	1
6:2 FTS	<2.5		5.0	2.5	ng/L		11/13/20 05:03	11/13/20 23:28	1
8:2 FTS	<0.46		2.0	0.46	ng/L		11/13/20 05:03	11/13/20 23:28	1
10:2 FTS	<0.67		2.0	0.67	ng/L		11/13/20 05:03	11/13/20 23:28	1
DONA	<0.40		2.0	0.40	ng/L		11/13/20 05:03	11/13/20 23:28	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		11/13/20 05:03	11/13/20 23:28	1
F-53B Major	<0.24		2.0	0.24	ng/L		11/13/20 05:03	11/13/20 23:28	1
F-53B Minor	<0.32		2.0	0.32	ng/L		11/13/20 05:03	11/13/20 23:28	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	101		25 - 150	11/13/20 05:03	11/13/20 23:28	1
13C5 PFPeA	99		25 - 150	11/13/20 05:03	11/13/20 23:28	1
13C2 PFHxA	97		25 - 150	11/13/20 05:03	11/13/20 23:28	1
13C4 PFHpA	97		25 - 150	11/13/20 05:03	11/13/20 23:28	1
13C4 PFOA	102		25 - 150	11/13/20 05:03	11/13/20 23:28	1
13C5 PFNA	93		25 - 150	11/13/20 05:03	11/13/20 23:28	1
13C2 PFDA	98		25 - 150	11/13/20 05:03	11/13/20 23:28	1
13C2 PFUnA	98		25 - 150	11/13/20 05:03	11/13/20 23:28	1
13C2 PFDoA	93		25 - 150	11/13/20 05:03	11/13/20 23:28	1
13C2 PFTeDA	84		25 - 150	11/13/20 05:03	11/13/20 23:28	1
13C2 PFHxDA	89		25 - 150	11/13/20 05:03	11/13/20 23:28	1
13C3 PFBS	99		25 - 150	11/13/20 05:03	11/13/20 23:28	1
18O2 PFHxS	103		25 - 150	11/13/20 05:03	11/13/20 23:28	1
13C4 PFOS	104		25 - 150	11/13/20 05:03	11/13/20 23:28	1
13C8 FOSA	104		25 - 150	11/13/20 05:03	11/13/20 23:28	1
d3-NMeFOSAA	62		25 - 150	11/13/20 05:03	11/13/20 23:28	1
d5-NEtFOSAA	63		25 - 150	11/13/20 05:03	11/13/20 23:28	1
d-N-MeFOSA-M	72		20 - 150	11/13/20 05:03	11/13/20 23:28	1
d-N-EtFOSA-M	56		20 - 150	11/13/20 05:03	11/13/20 23:28	1
d7-N-MeFOSE-M	33		10 - 120	11/13/20 05:03	11/13/20 23:28	1
d9-N-EtFOSE-M	24		10 - 120	11/13/20 05:03	11/13/20 23:28	1
M2-4:2 FTS	79		25 - 150	11/13/20 05:03	11/13/20 23:28	1
M2-6:2 FTS	87		25 - 150	11/13/20 05:03	11/13/20 23:28	1
M2-8:2 FTS	99		25 - 150	11/13/20 05:03	11/13/20 23:28	1
13C3 HFPO-DA	89		25 - 150	11/13/20 05:03	11/13/20 23:28	1

QC Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-431329/2-A
Matrix: Water
Analysis Batch: 431623

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 431329

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Perfluorobutanoic acid (PFBA)	40.0	42.2		ng/L		106	76 - 136
Perfluoropentanoic acid (PFPeA)	40.0	39.5		ng/L		99	71 - 131
Perfluorohexanoic acid (PFHxA)	40.0	41.8		ng/L		104	73 - 133
Perfluoroheptanoic acid (PFHpA)	40.0	42.0		ng/L		105	72 - 132
Perfluorooctanoic acid (PFOA)	40.0	38.0		ng/L		95	70 - 130
Perfluorononanoic acid (PFNA)	40.0	40.9		ng/L		102	75 - 135
Perfluorodecanoic acid (PFDA)	40.0	41.4		ng/L		103	76 - 136
Perfluoroundecanoic acid (PFUnA)	40.0	44.6		ng/L		112	68 - 128
Perfluorododecanoic acid (PFDoA)	40.0	41.0		ng/L		102	71 - 131
Perfluorotridecanoic acid (PFTriA)	40.0	43.4		ng/L		109	71 - 131
Perfluorotetradecanoic acid (PFTeA)	40.0	45.8		ng/L		114	70 - 130
Perfluoro-n-hexadecanoic acid (PFHxDA)	40.0	41.2		ng/L		103	76 - 136
Perfluoro-n-octadecanoic acid (PFODA)	40.0	48.7		ng/L		122	58 - 145
Perfluorobutanesulfonic acid (PFBS)	35.4	36.8		ng/L		104	67 - 127
Perfluoropentanesulfonic acid (PFPeS)	37.5	41.2		ng/L		110	66 - 126
Perfluorohexanesulfonic acid (PFHxS)	36.4	36.3		ng/L		100	59 - 119
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	41.0		ng/L		108	76 - 136
Perfluorooctanesulfonic acid (PFOS)	37.1	39.7		ng/L		107	70 - 130
Perfluorononanesulfonic acid (PFNS)	38.4	41.9		ng/L		109	75 - 135
Perfluorodecanesulfonic acid (PFDS)	38.6	40.8		ng/L		106	71 - 131
Perfluorododecanesulfonic acid (PFDoS)	38.7	42.1		ng/L		109	67 - 127
Perfluorooctanesulfonamide (FOSA)	40.0	42.8		ng/L		107	73 - 133
NMeFOSA	40.0	42.0		ng/L		105	67 - 154
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	45.0		ng/L		112	76 - 136
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	43.2		ng/L		108	76 - 136
NMeFOSE	40.0	46.2		ng/L		116	70 - 130
NEtFOSE	40.0	39.5		ng/L		99	71 - 131
4:2 FTS	37.4	40.1		ng/L		107	79 - 139
6:2 FTS	37.9	37.3		ng/L		98	59 - 175
8:2 FTS	38.3	39.3		ng/L		103	75 - 135
10:2 FTS	38.6	43.8		ng/L		114	64 - 142
DONA	37.7	39.6		ng/L		105	79 - 139
HFPO-DA (GenX)	40.0	43.5		ng/L		109	51 - 173
F-53B Major	37.3	38.2		ng/L		103	75 - 135
F-53B Minor	37.7	38.7		ng/L		103	54 - 114

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>LCS LCS</i>		<i>Limits</i>
	<i>%Recovery</i>	<i>Qualifier</i>	
13C4 PFBA	96		25 - 150
13C5 PFPeA	96		25 - 150
13C2 PFHxA	95		25 - 150
13C4 PFHpA	92		25 - 150
13C4 PFOA	96		25 - 150
13C5 PFNA	93		25 - 150
13C2 PFDA	89		25 - 150
13C2 PFUnA	91		25 - 150
13C2 PFDoA	89		25 - 150
13C2 PFTeDA	83		25 - 150
13C2 PFHxDA	82		25 - 150
13C3 PFBS	94		25 - 150
18O2 PFHxS	95		25 - 150
13C4 PFOS	96		25 - 150
13C8 FOSA	97		25 - 150
d3-NMeFOSAA	60		25 - 150
d5-NEtFOSAA	62		25 - 150
d-N-MeFOSA-M	73		20 - 150
d-N-EtFOSA-M	55		20 - 150
d7-N-MeFOSE-M	29		10 - 120
d9-N-EtFOSE-M	24		10 - 120
M2-4:2 FTS	77		25 - 150
M2-6:2 FTS	81		25 - 150
M2-8:2 FTS	91		25 - 150
13C3 HFPO-DA	86		25 - 150

Lab Sample ID: LCSD 320-431329/3-A
Matrix: Water
Analysis Batch: 431623

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 431329

<i>Analyte</i>	<i>Spike Added</i>	<i>LCSD Result</i>	<i>LCSD Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec. Limits</i>	<i>RPD</i>	<i>RPD Limit</i>
Perfluoropentanoic acid (PFPeA)	40.0	39.1		ng/L		98	71 - 131	1	30
Perfluorohexanoic acid (PFHxA)	40.0	40.6		ng/L		101	73 - 133	3	30
Perfluoroheptanoic acid (PFHpA)	40.0	44.1		ng/L		110	72 - 132	5	30
Perfluorooctanoic acid (PFOA)	40.0	38.1		ng/L		95	70 - 130	0	30
Perfluorononanoic acid (PFNA)	40.0	42.3		ng/L		106	75 - 135	3	30
Perfluorodecanoic acid (PFDA)	40.0	43.1		ng/L		108	76 - 136	4	30
Perfluoroundecanoic acid (PFUnA)	40.0	42.7		ng/L		107	68 - 128	4	30
Perfluorododecanoic acid (PFDoA)	40.0	39.8		ng/L		100	71 - 131	3	30
Perfluorotridecanoic acid (PFTriA)	40.0	42.1		ng/L		105	71 - 131	3	30
Perfluorotetradecanoic acid (PFTeA)	40.0	41.5		ng/L		104	70 - 130	10	30
Perfluoro-n-hexadecanoic acid (PFHxDA)	40.0	40.5		ng/L		101	76 - 136	2	30
Perfluoro-n-octadecanoic acid (PFODA)	40.0	41.1		ng/L		103	58 - 145	17	30
Perfluorobutanesulfonic acid (PFBS)	35.4	36.6		ng/L		103	67 - 127	1	30
Perfluoropentanesulfonic acid (PFPeS)	37.5	39.4		ng/L		105	66 - 126	4	30

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCSD 320-431329/3-A
Matrix: Water
Analysis Batch: 431623

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 431329

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorohexanesulfonic acid (PFHxS)	36.4	35.9		ng/L		99	59 - 119	1	30
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	40.1		ng/L		105	76 - 136	2	30
Perfluorooctanesulfonic acid (PFOS)	37.1	38.4		ng/L		103	70 - 130	3	30
Perfluorononanesulfonic acid (PFNS)	38.4	39.8		ng/L		104	75 - 135	5	30
Perfluorodecanesulfonic acid (PFDS)	38.6	37.8		ng/L		98	71 - 131	8	30
Perfluorododecanesulfonic acid (PFDoS)	38.7	40.5		ng/L		104	67 - 127	4	30
Perfluorooctanesulfonamide (FOSA)	40.0	42.1		ng/L		105	73 - 133	2	30
NMeFOSA	40.0	42.0		ng/L		105	67 - 154	0	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	45.8		ng/L		114	76 - 136	2	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	42.7		ng/L		107	76 - 136	1	30
NMeFOSE	40.0	45.2		ng/L		113	70 - 130	2	30
NEtFOSE	40.0	39.3		ng/L		98	71 - 131	0	30
4:2 FTS	37.4	40.8		ng/L		109	79 - 139	2	30
6:2 FTS	37.9	35.9		ng/L		95	59 - 175	4	30
8:2 FTS	38.3	38.9		ng/L		102	75 - 135	1	30
10:2 FTS	38.6	43.4		ng/L		112	64 - 142	1	30
DONA	37.7	39.0		ng/L		103	79 - 139	2	30
HFPO-DA (GenX)	40.0	43.5		ng/L		109	51 - 173	0	30
F-53B Major	37.3	38.1		ng/L		102	75 - 135	0	30
F-53B Minor	37.7	37.9		ng/L		101	54 - 114	2	30

Isotope Dilution	LCSD		Limits
	%Recovery	Qualifier	
13C4 PFBA	101		25 - 150
13C5 PFPeA	102		25 - 150
13C2 PFHxA	100		25 - 150
13C4 PFHpA	94		25 - 150
13C4 PFOA	101		25 - 150
13C5 PFNA	93		25 - 150
13C2 PFDA	91		25 - 150
13C2 PFUnA	91		25 - 150
13C2 PFDoA	97		25 - 150
13C2 PFTeDA	87		25 - 150
13C2 PFHxDA	93		25 - 150
13C3 PFBS	99		25 - 150
18O2 PFHxS	98		25 - 150
13C4 PFOS	102		25 - 150
13C8 FOSA	100		25 - 150
d3-NMeFOSAA	64		25 - 150
d5-NEtFOSAA	64		25 - 150
d-N-MeFOSA-M	71		20 - 150
d-N-EtFOSA-M	58		20 - 150
d7-N-MeFOSE-M	34		10 - 120

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QC Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCSD 320-431329/3-A
Matrix: Water
Analysis Batch: 431623

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 431329

Isotope Dilution	LCSD LCSD		Limits
	%Recovery	Qualifier	
d9-N-EtFOSE-M	30		10 - 120
M2-4:2 FTS	79		25 - 150
M2-6:2 FTS	86		25 - 150
M2-8:2 FTS	94		25 - 150
13C3 HFPO-DA	93		25 - 150

Lab Sample ID: MB 320-435321/1-A
Matrix: Solid
Analysis Batch: 436008

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 435321

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorobutanoic acid (PFBA)	<0.028		0.20	0.028	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
Perfluoropentanoic acid (PFPeA)	<0.077		0.20	0.077	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
Perfluorohexanoic acid (PFHxA)	<0.042		0.20	0.042	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
Perfluoroheptanoic acid (PFHpA)	<0.029		0.20	0.029	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
Perfluorooctanoic acid (PFOA)	<0.086		0.20	0.086	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
Perfluorononanoic acid (PFNA)	<0.036		0.20	0.036	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
Perfluorodecanoic acid (PFDA)	<0.022		0.20	0.022	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
Perfluoroundecanoic acid (PFUnA)	<0.036		0.20	0.036	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
Perfluorododecanoic acid (PFDoA)	<0.067		0.20	0.067	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
Perfluorotridecanoic acid (PFTriA)	<0.051		0.20	0.051	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
Perfluorotetradecanoic acid (PFTeA)	<0.054		0.20	0.054	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.044		0.20	0.044	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.028		0.20	0.028	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
Perfluorobutanesulfonic acid (PFBS)	<0.025		0.20	0.025	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
Perfluoropentanesulfonic acid (PFPeS)	<0.020		0.20	0.020	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
Perfluorohexanesulfonic acid (PFHxS)	<0.031		0.20	0.031	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.035		0.20	0.035	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
Perfluorooctanesulfonic acid (PFOS)	<0.20		0.50	0.20	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
Perfluorononanesulfonic acid (PFNS)	<0.020		0.20	0.020	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
Perfluorodecanesulfonic acid (PFDS)	<0.039		0.20	0.039	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
Perfluorododecanesulfonic acid (PFDoS)	<0.060		0.20	0.060	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
Perfluorooctanesulfonamide (FOSA)	<0.082		0.20	0.082	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
NEtFOSA	<0.024		0.20	0.024	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
NMeFOSA	<0.041		0.20	0.041	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.39		2.0	0.39	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.37		2.0	0.37	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
NMeFOSE	<0.071		0.20	0.071	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
NEtFOSE	<0.036		0.20	0.036	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
4:2 FTS	<0.37		2.0	0.37	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
6:2 FTS	<0.15		2.0	0.15	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
8:2 FTS	<0.25		2.0	0.25	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
10:2 FTS	<0.050		0.20	0.050	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
DONA	<0.018		0.20	0.018	ug/Kg		11/24/20 19:24	11/27/20 15:50	1

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QC Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: MB 320-435321/1-A
Matrix: Solid
Analysis Batch: 436008

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 435321

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HFPO-DA (GenX)	<0.11		0.25	0.11	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
F-53B Major	<0.027		0.20	0.027	ug/Kg		11/24/20 19:24	11/27/20 15:50	1
F-53B Minor	<0.022		0.20	0.022	ug/Kg		11/24/20 19:24	11/27/20 15:50	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	85		25 - 150	11/24/20 19:24	11/27/20 15:50	1
13C5 PFPeA	84		25 - 150	11/24/20 19:24	11/27/20 15:50	1
13C2 PFHxA	90		25 - 150	11/24/20 19:24	11/27/20 15:50	1
13C4 PFHpA	94		25 - 150	11/24/20 19:24	11/27/20 15:50	1
13C4 PFOA	102		25 - 150	11/24/20 19:24	11/27/20 15:50	1
13C5 PFNA	98		25 - 150	11/24/20 19:24	11/27/20 15:50	1
13C2 PFDA	103		25 - 150	11/24/20 19:24	11/27/20 15:50	1
13C2 PFUnA	104		25 - 150	11/24/20 19:24	11/27/20 15:50	1
13C2 PFDoA	104		25 - 150	11/24/20 19:24	11/27/20 15:50	1
13C2 PFTeDA	109		25 - 150	11/24/20 19:24	11/27/20 15:50	1
13C2 PFHxDA	101		25 - 150	11/24/20 19:24	11/27/20 15:50	1
13C3 PFBS	83		25 - 150	11/24/20 19:24	11/27/20 15:50	1
18O2 PFHxS	86		25 - 150	11/24/20 19:24	11/27/20 15:50	1
13C4 PFOS	86		25 - 150	11/24/20 19:24	11/27/20 15:50	1
13C8 FOSA	88		25 - 150	11/24/20 19:24	11/27/20 15:50	1
d3-NMeFOSAA	94		25 - 150	11/24/20 19:24	11/27/20 15:50	1
d5-NEtFOSAA	104		25 - 150	11/24/20 19:24	11/27/20 15:50	1
d-N-MeFOSA-M	46		25 - 150	11/24/20 19:24	11/27/20 15:50	1
d-N-EtFOSA-M	37		25 - 150	11/24/20 19:24	11/27/20 15:50	1
d7-N-MeFOSE-M	12		10 - 120	11/24/20 19:24	11/27/20 15:50	1
d9-N-EtFOSE-M	13		10 - 120	11/24/20 19:24	11/27/20 15:50	1
M2-4:2 FTS	100		25 - 150	11/24/20 19:24	11/27/20 15:50	1
M2-6:2 FTS	184	*5	25 - 150	11/24/20 19:24	11/27/20 15:50	1
M2-8:2 FTS	114		25 - 150	11/24/20 19:24	11/27/20 15:50	1
13C3 HFPO-DA	89		25 - 150	11/24/20 19:24	11/27/20 15:50	1

Lab Sample ID: LCS 320-435321/2-A
Matrix: Solid
Analysis Batch: 436008

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 435321

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Perfluorobutanoic acid (PFBA)	2.00	1.98		ug/Kg		99	76 - 136
Perfluoropentanoic acid (PFPeA)	2.00	1.97		ug/Kg		99	69 - 129
Perfluorohexanoic acid (PFHxA)	2.00	1.98		ug/Kg		99	71 - 131
Perfluoroheptanoic acid (PFHpA)	2.00	1.88		ug/Kg		94	71 - 131
Perfluorooctanoic acid (PFOA)	2.00	1.86		ug/Kg		93	72 - 132
Perfluorononanoic acid (PFNA)	2.00	2.03		ug/Kg		101	73 - 133
Perfluorodecanoic acid (PFDA)	2.00	1.99		ug/Kg		100	72 - 132
Perfluoroundecanoic acid (PFUnA)	2.00	1.80		ug/Kg		90	66 - 126
Perfluorododecanoic acid (PFDoA)	2.00	1.76		ug/Kg		88	71 - 131
Perfluorotridecanoic acid (PFTriA)	2.00	1.94		ug/Kg		97	71 - 131

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QC Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-435321/2-A
Matrix: Solid
Analysis Batch: 436008

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 435321

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorotetradecanoic acid (PFTeA)	2.00	2.14		ug/Kg		107	67 - 127
Perfluoro-n-hexadecanoic acid (PFHxDA)	2.00	1.74		ug/Kg		87	75 - 135
Perfluoro-n-octadecanoic acid (PFODA)	2.00	2.01		ug/Kg		100	53 - 130
Perfluorobutanesulfonic acid (PFBS)	1.77	1.65		ug/Kg		93	69 - 129
Perfluoropentanesulfonic acid (PFPeS)	1.88	1.95		ug/Kg		104	66 - 126
Perfluorohexanesulfonic acid (PFHxS)	1.82	1.68		ug/Kg		92	62 - 122
Perfluoroheptanesulfonic Acid (PFHpS)	1.90	1.93		ug/Kg		101	76 - 136
Perfluorooctanesulfonic acid (PFOS)	1.86	2.10		ug/Kg		113	68 - 141
Perfluorononanesulfonic acid (PFNS)	1.92	1.94		ug/Kg		101	72 - 132
Perfluorodecanesulfonic acid (PFDS)	1.93	1.95		ug/Kg		101	71 - 131
Perfluorododecanesulfonic acid (PFDoS)	1.94	2.02		ug/Kg		104	70 - 130
Perfluorooctanesulfonamide (FOSA)	2.00	2.08		ug/Kg		104	77 - 137
NMeFOSA	2.00	1.93		ug/Kg		97	63 - 148
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	1.92	J	ug/Kg		96	72 - 132
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	1.96	J	ug/Kg		98	72 - 132
NMeFOSE	2.00	1.93		ug/Kg		97	43 - 153
NEtFOSE	2.00	1.73		ug/Kg		87	44 - 155
4:2 FTS	1.87	2.12		ug/Kg		113	68 - 143
6:2 FTS	1.90	1.75	J	ug/Kg		92	73 - 139
8:2 FTS	1.92	1.95	J	ug/Kg		102	75 - 135
10:2 FTS	1.93	2.56		ug/Kg		133	69 - 145
DONA	1.88	2.05		ug/Kg		109	79 - 139
HFPO-DA (GenX)	2.00	2.09		ug/Kg		105	53 - 158
F-53B Major	1.86	1.96		ug/Kg		105	74 - 134
F-53B Minor	1.88	1.99		ug/Kg		106	66 - 136

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C4 PFBA	91		25 - 150
13C5 PFPeA	84		25 - 150
13C2 PFHxA	96		25 - 150
13C4 PFHpA	100		25 - 150
13C4 PFOA	108		25 - 150
13C5 PFNA	100		25 - 150
13C2 PFDA	102		25 - 150
13C2 PFUnA	99		25 - 150
13C2 PFDoA	117		25 - 150
13C2 PFTeDA	115		25 - 150
13C2 PFHxDA	107		25 - 150

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-435321/2-A
Matrix: Solid
Analysis Batch: 436008

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 435321

Isotope Dilution	LCS LCS		Limits
	%Recovery	Qualifier	
13C3 PFBS	88		25 - 150
18O2 PFHxS	90		25 - 150
13C4 PFOS	93		25 - 150
13C8 FOSA	93		25 - 150
d3-NMeFOSAA	96		25 - 150
d5-NEtFOSAA	104		25 - 150
d-N-MeFOSA-M	51		25 - 150
d-N-EtFOSA-M	46		25 - 150
d7-N-MeFOSE-M	18		10 - 120
d9-N-EtFOSE-M	18		10 - 120
M2-4:2 FTS	92		25 - 150
M2-6:2 FTS	191	*5	25 - 150
M2-8:2 FTS	110		25 - 150
13C3 HFPO-DA	91		25 - 150

Lab Sample ID: 320-66591-5 MS
Matrix: Solid
Analysis Batch: 436008

Client Sample ID: PFAS-4 6-8'
Prep Type: Total/NA
Prep Batch: 435321

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	Limits
				Result	Qualifier				
Perfluorobutanoic acid (PFBA)	<0.060		4.27	4.43		ug/Kg	⊛	104	76 - 136
Perfluoropentanoic acid (PFPeA)	<0.16		4.27	4.04		ug/Kg	⊛	95	69 - 129
Perfluorohexanoic acid (PFHxA)	<0.090		4.27	4.35		ug/Kg	⊛	102	71 - 131
Perfluoroheptanoic acid (PFHpA)	0.079	J	4.27	4.20		ug/Kg	⊛	96	71 - 131
Perfluorooctanoic acid (PFOA)	<0.18		4.27	3.97		ug/Kg	⊛	93	72 - 132
Perfluorononanoic acid (PFNA)	<0.077		4.27	4.16		ug/Kg	⊛	97	73 - 133
Perfluorodecanoic acid (PFDA)	<0.047		4.27	4.29		ug/Kg	⊛	100	72 - 132
Perfluoroundecanoic acid (PFUnA)	<0.077		4.27	4.38		ug/Kg	⊛	103	66 - 126
Perfluorododecanoic acid (PFDoA)	<0.14		4.27	4.38		ug/Kg	⊛	103	71 - 131
Perfluorotridecanoic acid (PFTriA)	<0.11		4.27	4.73		ug/Kg	⊛	111	71 - 131
Perfluorotetradecanoic acid (PFTeA)	<0.12		4.27	4.36		ug/Kg	⊛	102	67 - 127
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.094		4.27	3.56		ug/Kg	⊛	83	75 - 135
Perfluoro-n-octadecanoic acid (PFODA)	<0.060		4.27	4.53		ug/Kg	⊛	106	53 - 130
Perfluorobutanesulfonic acid (PFBS)	<0.053		3.78	3.83		ug/Kg	⊛	101	69 - 129
Perfluoropentanesulfonic acid (PFPeS)	<0.043		4.01	4.34		ug/Kg	⊛	108	66 - 126
Perfluorohexanesulfonic acid (PFHxS)	<0.066		3.89	3.75		ug/Kg	⊛	96	62 - 122
Perfluoroheptanesulfonic Acid (PFHpS)	<0.075		4.07	4.20		ug/Kg	⊛	103	76 - 136
Perfluorooctanesulfonic acid (PFOS)	0.81	J	3.97	4.74		ug/Kg	⊛	99	68 - 141
Perfluorononanesulfonic acid (PFNS)	<0.043		4.10	4.36		ug/Kg	⊛	106	72 - 132

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QC Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 320-66591-5 MS
Matrix: Solid
Analysis Batch: 436008

Client Sample ID: PFAS-4 6-8'
Prep Type: Total/NA
Prep Batch: 435321

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorodecanesulfonic acid (PFDS)	<0.083		4.12	4.43		ug/Kg	⊛	107	71 - 131
Perfluorododecanesulfonic acid (PFDoS)	<0.13		4.14	4.47		ug/Kg	⊛	108	70 - 130
Perfluorooctanesulfonamide (FOSA)	<0.18		4.27	4.72		ug/Kg	⊛	110	77 - 137
NMeFOSA	<0.088		4.27	3.93		ug/Kg	⊛	92	63 - 148
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.83		4.27	4.30		ug/Kg	⊛	101	72 - 132
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.79		4.27	4.42		ug/Kg	⊛	103	72 - 132
NMeFOSE	<0.15		4.27	4.43		ug/Kg	⊛	104	43 - 153
NEtFOSE	<0.077		4.27	3.88		ug/Kg	⊛	91	44 - 155
4:2 FTS	<0.79		3.99	3.96	J	ug/Kg	⊛	99	68 - 143
6:2 FTS	<0.32		4.05	3.69	J	ug/Kg	⊛	91	73 - 139
8:2 FTS	<0.53		4.09	4.38		ug/Kg	⊛	107	75 - 135
10:2 FTS	<0.11		4.12	5.79		ug/Kg	⊛	141	69 - 145
DONA	<0.038		4.03	4.87		ug/Kg	⊛	121	79 - 139
HFPO-DA (GenX)	<0.24		4.27	4.58		ug/Kg	⊛	107	53 - 158
F-53B Major	<0.058		3.98	4.63		ug/Kg	⊛	116	74 - 134
F-53B Minor	<0.047		4.03	4.79		ug/Kg	⊛	119	66 - 136

Isotope Dilution	MS MS		Limits
	%Recovery	Qualifier	
13C4 PFBA	92		25 - 150
13C5 PFPeA	92		25 - 150
13C2 PFHxA	95		25 - 150
13C4 PFHpA	103		25 - 150
13C4 PFOA	105		25 - 150
13C5 PFNA	103		25 - 150
13C2 PFDA	103		25 - 150
13C2 PFUnA	101		25 - 150
13C2 PFDoA	111		25 - 150
13C2 PFTeDA	120		25 - 150
13C2 PFHxDA	112		25 - 150
13C3 PFBS	78		25 - 150
18O2 PFHxS	81		25 - 150
13C4 PFOS	82		25 - 150
13C8 FOSA	91		25 - 150
d3-NMeFOSAA	70		25 - 150
d5-NEtFOSAA	76		25 - 150
d-N-MeFOSA-M	56		25 - 150
d-N-EtFOSA-M	48		25 - 150
d7-N-MeFOSE-M	10		10 - 120
d9-N-EtFOSE-M	10		10 - 120
M2-4:2 FTS	87		25 - 150
M2-6:2 FTS	90		25 - 150
M2-8:2 FTS	91		25 - 150
13C3 HFPO-DA	94		25 - 150

QC Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 320-66591-5 MSD

Matrix: Solid

Analysis Batch: 436008

Client Sample ID: PFAS-4 6-8'

Prep Type: Total/NA

Prep Batch: 435321

Analyte	Sample	Sample Qualifier	Spike Added	MSD	MSD Qualifier	Unit	D	%Rec	%Rec.	RPD	Limit
	Result			Result					Limits		
Perfluorobutanoic acid (PFBA)	<0.060		4.59	4.61		ug/Kg	☼	101	76 - 136	4	30
Perfluoropentanoic acid (PFPeA)	<0.16		4.59	4.68		ug/Kg	☼	102	69 - 129	15	30
Perfluorohexanoic acid (PFHxA)	<0.090		4.59	4.72		ug/Kg	☼	103	71 - 131	8	30
Perfluoroheptanoic acid (PFHpA)	0.079	J	4.59	4.41		ug/Kg	☼	94	71 - 131	5	30
Perfluorooctanoic acid (PFOA)	<0.18		4.59	4.30		ug/Kg	☼	94	72 - 132	8	30
Perfluorononanoic acid (PFNA)	<0.077		4.59	4.30		ug/Kg	☼	94	73 - 133	3	30
Perfluorodecanoic acid (PFDA)	<0.047		4.59	4.74		ug/Kg	☼	103	72 - 132	10	30
Perfluoroundecanoic acid (PFUnA)	<0.077		4.59	4.44		ug/Kg	☼	97	66 - 126	1	30
Perfluorododecanoic acid (PFDoA)	<0.14		4.59	4.06		ug/Kg	☼	88	71 - 131	8	30
Perfluorotridecanoic acid (PFTriA)	<0.11		4.59	4.35		ug/Kg	☼	95	71 - 131	8	30
Perfluorotetradecanoic acid (PFTeA)	<0.12		4.59	4.85		ug/Kg	☼	106	67 - 127	11	30
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.094		4.59	4.05		ug/Kg	☼	88	75 - 135	13	30
Perfluoro-n-octadecanoic acid (PFODA)	<0.060		4.59	4.85		ug/Kg	☼	106	53 - 130	7	30
Perfluorobutanesulfonic acid (PFBS)	<0.053		4.06	3.97		ug/Kg	☼	98	69 - 129	4	30
Perfluoropentanesulfonic acid (PFPeS)	<0.043		4.30	4.32		ug/Kg	☼	100	66 - 126	0	30
Perfluorohexanesulfonic acid (PFHxS)	<0.066		4.18	3.93		ug/Kg	☼	94	62 - 122	5	30
Perfluoroheptanesulfonic Acid (PFHpS)	<0.075		4.37	4.34		ug/Kg	☼	99	76 - 136	3	30
Perfluorooctanesulfonic acid (PFOS)	0.81	J	4.26	4.98		ug/Kg	☼	98	68 - 141	5	30
Perfluorononanesulfonic acid (PFNS)	<0.043		4.41	4.47		ug/Kg	☼	101	72 - 132	2	30
Perfluorodecanesulfonic acid (PFDS)	<0.083		4.42	4.45		ug/Kg	☼	101	71 - 131	0	30
Perfluorododecanesulfonic acid (PFDoS)	<0.13		4.44	4.82		ug/Kg	☼	109	70 - 130	8	30
Perfluorooctanesulfonamide (FOSA)	<0.18		4.59	5.19		ug/Kg	☼	113	77 - 137	10	30
NMeFOSA	<0.088		4.59	4.37		ug/Kg	☼	95	63 - 148	11	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.83		4.59	4.42	J	ug/Kg	☼	96	72 - 132	3	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.79		4.59	4.66		ug/Kg	☼	102	72 - 132	5	30
NMeFOSE	<0.15		4.59	4.55		ug/Kg	☼	99	43 - 153	3	30
NEtFOSE	<0.077		4.59	4.39		ug/Kg	☼	96	44 - 155	12	30
4:2 FTS	<0.79		4.29	4.59	J	ug/Kg	☼	107	68 - 143	15	30
6:2 FTS	<0.32		4.35	3.96	J	ug/Kg	☼	91	73 - 139	7	30
8:2 FTS	<0.53		4.40	4.54	J	ug/Kg	☼	103	75 - 135	4	30
10:2 FTS	<0.11		4.42	5.95		ug/Kg	☼	134	69 - 145	3	30
DONA	<0.038		4.32	5.27		ug/Kg	☼	122	79 - 139	8	30
HFPO-DA (GenX)	<0.24		4.59	4.85		ug/Kg	☼	106	53 - 158	6	30
F-53B Major	<0.058		4.28	4.90		ug/Kg	☼	115	74 - 134	6	30
F-53B Minor	<0.047		4.32	4.85		ug/Kg	☼	112	66 - 136	1	30

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	MSD MSD		Limits
	%Recovery	Qualifier	
13C4 PFBA	92		25 - 150
13C5 PFPeA	87		25 - 150
13C2 PFHxA	93		25 - 150
13C4 PFHpA	101		25 - 150
13C4 PFOA	102		25 - 150
13C5 PFNA	104		25 - 150
13C2 PFDA	97		25 - 150
13C2 PFUnA	100		25 - 150
13C2 PFDoA	115		25 - 150
13C2 PFTeDA	120		25 - 150
13C2 PFHxDA	112		25 - 150
13C3 PFBS	83		25 - 150
18O2 PFHxS	83		25 - 150
13C4 PFOS	83		25 - 150
13C8 FOSA	87		25 - 150
d3-NMeFOSAA	76		25 - 150
d5-NEtFOSAA	75		25 - 150
d-N-MeFOSA-M	60		25 - 150
d-N-EtFOSA-M	54		25 - 150
d7-N-MeFOSE-M	6	*5	10 - 120
d9-N-EtFOSE-M	6	*5	10 - 120
M2-4:2 FTS	85		25 - 150
M2-6:2 FTS	91		25 - 150
M2-8:2 FTS	89		25 - 150
13C3 HFPO-DA	94		25 - 150

Method: D 2216 - Percent Moisture

Lab Sample ID: 320-66591-1 DU
 Matrix: Solid
 Analysis Batch: 431004

Client Sample ID: PFAS-5 3-5'
 Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Percent Moisture	13.6		13.6		%		0.4	20
Percent Solids	86.4		86.4		%		0.07	20

QC Association Summary

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

LCMS

Prep Batch: 431089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-66591-1	PFAS-5 3-5'	Total/NA	Solid	SHAKE	
320-66591-2	PFAS-8 6-8'	Total/NA	Solid	SHAKE	
320-66591-3	PFAS-7 4-6'	Total/NA	Solid	SHAKE	
320-66591-4	PFAS-6 5-7'	Total/NA	Solid	SHAKE	
320-66591-6	PFAS-3 4-6'	Total/NA	Solid	SHAKE	
320-66591-7	PFAS-2 2-4'	Total/NA	Solid	SHAKE	
320-66591-8	PFAS-1 3-4'	Total/NA	Solid	SHAKE	
MB 320-431089/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 320-431089/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
320-66591-4 MS	PFAS-6 5-7'	Total/NA	Solid	SHAKE	
320-66591-4 MSD	PFAS-6 5-7'	Total/NA	Solid	SHAKE	

Prep Batch: 431329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-66591-9	FB-1	Total/NA	Water	3535	
320-66591-10	EB-1	Total/NA	Water	3535	
320-66591-11	TB-Soil	Total/NA	Water	3535	
320-66591-12	FB-2	Total/NA	Water	3535	
320-66591-13	EB-2	Total/NA	Water	3535	
MB 320-431329/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-431329/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 320-431329/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Analysis Batch: 431623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-66591-9	FB-1	Total/NA	Water	537 (modified)	431329
320-66591-10	EB-1	Total/NA	Water	537 (modified)	431329
320-66591-11	TB-Soil	Total/NA	Water	537 (modified)	431329
320-66591-12	FB-2	Total/NA	Water	537 (modified)	431329
320-66591-13	EB-2	Total/NA	Water	537 (modified)	431329
MB 320-431329/1-A	Method Blank	Total/NA	Water	537 (modified)	431329
LCS 320-431329/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	431329
LCSD 320-431329/3-A	Lab Control Sample Dup	Total/NA	Water	537 (modified)	431329

Analysis Batch: 434434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-66591-1	PFAS-5 3-5'	Total/NA	Solid	537 (modified)	431089
320-66591-2	PFAS-8 6-8'	Total/NA	Solid	537 (modified)	431089
320-66591-3	PFAS-7 4-6'	Total/NA	Solid	537 (modified)	431089
320-66591-4	PFAS-6 5-7'	Total/NA	Solid	537 (modified)	431089
320-66591-6	PFAS-3 4-6'	Total/NA	Solid	537 (modified)	431089
320-66591-7	PFAS-2 2-4'	Total/NA	Solid	537 (modified)	431089
320-66591-8	PFAS-1 3-4'	Total/NA	Solid	537 (modified)	431089
MB 320-431089/1-A	Method Blank	Total/NA	Solid	537 (modified)	431089
LCS 320-431089/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	431089
320-66591-4 MS	PFAS-6 5-7'	Total/NA	Solid	537 (modified)	431089
320-66591-4 MSD	PFAS-6 5-7'	Total/NA	Solid	537 (modified)	431089

Prep Batch: 435321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-66591-5	PFAS-4 6-8'	Total/NA	Solid	SHAKE	

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QC Association Summary

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

LCMS (Continued)

Prep Batch: 435321 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 320-435321/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 320-435321/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
320-66591-5 MS	PFAS-4 6-8'	Total/NA	Solid	SHAKE	
320-66591-5 MSD	PFAS-4 6-8'	Total/NA	Solid	SHAKE	

Analysis Batch: 436008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-66591-5	PFAS-4 6-8'	Total/NA	Solid	537 (modified)	435321
MB 320-435321/1-A	Method Blank	Total/NA	Solid	537 (modified)	435321
LCS 320-435321/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	435321
320-66591-5 MS	PFAS-4 6-8'	Total/NA	Solid	537 (modified)	435321
320-66591-5 MSD	PFAS-4 6-8'	Total/NA	Solid	537 (modified)	435321

General Chemistry

Analysis Batch: 431004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-66591-1	PFAS-5 3-5'	Total/NA	Solid	D 2216	
320-66591-2	PFAS-8 6-8'	Total/NA	Solid	D 2216	
320-66591-3	PFAS-7 4-6'	Total/NA	Solid	D 2216	
320-66591-4	PFAS-6 5-7'	Total/NA	Solid	D 2216	
320-66591-5	PFAS-4 6-8'	Total/NA	Solid	D 2216	
320-66591-6	PFAS-3 4-6'	Total/NA	Solid	D 2216	
320-66591-7	PFAS-2 2-4'	Total/NA	Solid	D 2216	
320-66591-8	PFAS-1 3-4'	Total/NA	Solid	D 2216	
320-66591-1 DU	PFAS-5 3-5'	Total/NA	Solid	D 2216	

Lab Chronicle

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: PFAS-5 3-5'

Date Collected: 11/10/20 08:30

Date Received: 11/11/20 09:30

Lab Sample ID: 320-66591-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			431004	11/12/20 11:10	KDB	TAL SAC

Client Sample ID: PFAS-5 3-5'

Date Collected: 11/10/20 08:30

Date Received: 11/11/20 09:30

Lab Sample ID: 320-66591-1

Matrix: Solid

Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.44 g	10.00 mL	431089	11/12/20 13:42	GWO	TAL SAC
Total/NA	Analysis	537 (modified)		1			434434	11/22/20 07:10	S1M	TAL SAC

Client Sample ID: PFAS-8 6-8'

Date Collected: 11/10/20 08:55

Date Received: 11/11/20 09:30

Lab Sample ID: 320-66591-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			431004	11/12/20 11:10	KDB	TAL SAC

Client Sample ID: PFAS-8 6-8'

Date Collected: 11/10/20 08:55

Date Received: 11/11/20 09:30

Lab Sample ID: 320-66591-2

Matrix: Solid

Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.22 g	10.00 mL	431089	11/12/20 13:42	GWO	TAL SAC
Total/NA	Analysis	537 (modified)		1			434434	11/22/20 07:19	S1M	TAL SAC

Client Sample ID: PFAS-7 4-6'

Date Collected: 11/10/20 09:20

Date Received: 11/11/20 09:30

Lab Sample ID: 320-66591-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			431004	11/12/20 11:10	KDB	TAL SAC

Client Sample ID: PFAS-7 4-6'

Date Collected: 11/10/20 09:20

Date Received: 11/11/20 09:30

Lab Sample ID: 320-66591-3

Matrix: Solid

Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.17 g	10.00 mL	431089	11/12/20 13:42	GWO	TAL SAC
Total/NA	Analysis	537 (modified)		1			434434	11/22/20 07:28	S1M	TAL SAC

Client Sample ID: PFAS-6 5-7'

Date Collected: 11/10/20 09:15

Date Received: 11/11/20 09:30

Lab Sample ID: 320-66591-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			431004	11/12/20 11:10	KDB	TAL SAC

Eurofins TestAmerica, Sacramento

Lab Chronicle

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: PFAS-6 5-7'

Date Collected: 11/10/20 09:15

Date Received: 11/11/20 09:30

Lab Sample ID: 320-66591-4

Matrix: Solid

Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.24 g	10.00 mL	431089	11/12/20 13:42	GWO	TAL SAC
Total/NA	Analysis	537 (modified)		1			434434	11/22/20 07:38	S1M	TAL SAC

Client Sample ID: PFAS-4 6-8'

Date Collected: 11/10/20 10:05

Date Received: 11/11/20 09:30

Lab Sample ID: 320-66591-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			431004	11/12/20 11:10	KDB	TAL SAC

Client Sample ID: PFAS-4 6-8'

Date Collected: 11/10/20 10:05

Date Received: 11/11/20 09:30

Lab Sample ID: 320-66591-5

Matrix: Solid

Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			2.76 g	10.00 mL	435321	11/24/20 19:24	FX	TAL SAC
Total/NA	Analysis	537 (modified)		1			436008	11/27/20 16:27	K1S	TAL SAC

Client Sample ID: PFAS-3 4-6'

Date Collected: 11/10/20 10:25

Date Received: 11/11/20 09:30

Lab Sample ID: 320-66591-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			431004	11/12/20 11:10	KDB	TAL SAC

Client Sample ID: PFAS-3 4-6'

Date Collected: 11/10/20 10:25

Date Received: 11/11/20 09:30

Lab Sample ID: 320-66591-6

Matrix: Solid

Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.12 g	10.00 mL	431089	11/12/20 13:42	GWO	TAL SAC
Total/NA	Analysis	537 (modified)		1			434434	11/22/20 08:34	S1M	TAL SAC

Client Sample ID: PFAS-2 2-4'

Date Collected: 11/10/20 10:40

Date Received: 11/11/20 09:30

Lab Sample ID: 320-66591-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1			431004	11/12/20 11:10	KDB	TAL SAC

Lab Chronicle

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: PFAS-2 2-4'

Date Collected: 11/10/20 10:40

Date Received: 11/11/20 09:30

Lab Sample ID: 320-66591-7

Matrix: Solid

Percent Solids: 85.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.10 g	10.00 mL	431089	11/12/20 13:42	GWO	TAL SAC
Total/NA	Analysis	537 (modified)		1			434434	11/22/20 08:43	S1M	TAL SAC

Client Sample ID: PFAS-1 3-4'

Date Collected: 11/10/20 11:00

Date Received: 11/11/20 09:30

Lab Sample ID: 320-66591-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.07 g	10.00 mL	431089	11/12/20 13:42	GWO	TAL SAC
Total/NA	Analysis	D 2216		1			431004	11/12/20 11:10	KDB	TAL SAC

Client Sample ID: PFAS-1 3-4'

Date Collected: 11/10/20 11:00

Date Received: 11/11/20 09:30

Lab Sample ID: 320-66591-8

Matrix: Solid

Percent Solids: 81.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.07 g	10.00 mL	431089	11/12/20 13:42	GWO	TAL SAC
Total/NA	Analysis	537 (modified)		1			434434	11/22/20 08:52	S1M	TAL SAC

Client Sample ID: FB-1

Date Collected: 11/10/20 08:35

Date Received: 11/11/20 09:30

Lab Sample ID: 320-66591-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			270.1 mL	10.0 mL	431329	11/13/20 05:03	LB	TAL SAC
Total/NA	Analysis	537 (modified)		1			431623	11/14/20 00:50	RS1	TAL SAC

Client Sample ID: EB-1

Date Collected: 11/10/20 08:35

Date Received: 11/11/20 09:30

Lab Sample ID: 320-66591-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			271.2 mL	10.0 mL	431329	11/13/20 05:03	LB	TAL SAC
Total/NA	Analysis	537 (modified)		1			431623	11/14/20 01:17	RS1	TAL SAC

Client Sample ID: TB-Soil

Date Collected: 11/10/20 00:00

Date Received: 11/11/20 09:30

Lab Sample ID: 320-66591-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			270.6 mL	10.0 mL	431329	11/13/20 05:03	LB	TAL SAC
Total/NA	Analysis	537 (modified)		1			431623	11/14/20 01:27	RS1	TAL SAC

Lab Chronicle

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Client Sample ID: FB-2

Date Collected: 11/10/20 10:50

Date Received: 11/11/20 09:30

Lab Sample ID: 320-66591-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			271.2 mL	10.0 mL	431329	11/13/20 05:03	LB	TAL SAC
Total/NA	Analysis	537 (modified)		1			431623	11/14/20 01:36	RS1	TAL SAC

Client Sample ID: EB-2

Date Collected: 11/10/20 10:55

Date Received: 11/11/20 09:30

Lab Sample ID: 320-66591-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			271.5 mL	10.0 mL	431329	11/13/20 05:03	LB	TAL SAC
Total/NA	Analysis	537 (modified)		1			431623	11/14/20 01:45	RS1	TAL SAC

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Laboratory: Eurofins TestAmerica, Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	17-020	01-20-21
ANAB	Dept. of Defense ELAP	L2468	01-20-21
ANAB	Dept. of Energy	L2468.01	01-20-21
ANAB	ISO/IEC 17025	L2468	01-20-21
Arizona	State	AZ0708	08-11-21
Arkansas DEQ	State	88-0691	06-17-21
California	State	2897	01-31-22
Colorado	State	CA0004	08-31-21
Connecticut	State	PH-0691	06-30-21
Florida	NELAP	E87570	06-30-21
Georgia	State	4040	01-30-21
Hawaii	State	<cert No.>	01-29-21
Illinois	NELAP	200060	03-17-21
Kansas	NELAP	E-10375	10-31-20 *
Louisiana	NELAP	01944	06-30-21
Maine	State	CA00004	04-14-22
Michigan	State	9947	08-03-23
Nevada	State	CA000442021-1	07-31-21
New Hampshire	NELAP	2997	04-18-21
New Jersey	NELAP	CA005	06-30-21
New York	NELAP	11666	04-01-21
Oregon	NELAP	4040	01-29-21
Pennsylvania	NELAP	68-01272	03-31-21
Texas	NELAP	T104704399-19-13	06-01-21
US Fish & Wildlife	US Federal Programs	58448	07-31-21
USDA	US Federal Programs	P330-18-00239	07-31-21
Utah	NELAP	CA000442019-01	02-28-21
Vermont	State	VT-4040	04-16-21
Virginia	NELAP	460278	03-14-21
Washington	State	C581	05-05-21
West Virginia (DW)	State	9930C	12-31-20
Wisconsin	State	998204680	08-31-21
Wyoming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	TAL SAC
D 2216	Percent Moisture	ASTM	TAL SAC
3535	Solid-Phase Extraction (SPE)	SW846	TAL SAC
SHAKE	Shake Extraction with Ultrasonic Bath Extraction	SW846	TAL SAC

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

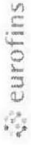
Sample Summary

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66591-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
320-66591-1	PFAS-5 3-5'	Solid	11/10/20 08:30	11/11/20 09:30	
320-66591-2	PFAS-8 6-8'	Solid	11/10/20 08:55	11/11/20 09:30	
320-66591-3	PFAS-7 4-6'	Solid	11/10/20 09:20	11/11/20 09:30	
320-66591-4	PFAS-6 5-7'	Solid	11/10/20 09:15	11/11/20 09:30	
320-66591-5	PFAS-4 6-8'	Solid	11/10/20 10:05	11/11/20 09:30	
320-66591-6	PFAS-3 4-6'	Solid	11/10/20 10:25	11/11/20 09:30	
320-66591-7	PFAS-2 2-4'	Solid	11/10/20 10:40	11/11/20 09:30	
320-66591-8	PFAS-1 3-4'	Solid	11/10/20 11:00	11/11/20 09:30	
320-66591-9	FB-1	Water	11/10/20 08:35	11/11/20 09:30	
320-66591-10	EB-1	Water	11/10/20 08:35	11/11/20 09:30	
320-66591-11	TB-Soil	Water	11/10/20 00:00	11/11/20 09:30	
320-66591-12	FB-2	Water	11/10/20 10:50	11/11/20 09:30	
320-66591-13	EB-2	Water	11/10/20 10:55	11/11/20 09:30	

Chain of Custody Record



Client Information Client Contact: Mr. Tim Petrick Company: Endpoint Solutions Corp Address: 6871 S. Lover's Lane City: Franklin State, Zip: WI, 53132 Phone: 414-427-1200(Tel) Email: tim@endpointcorporation.com Project Name: RETIA - Saukville, WI 341-020 Site: 340 RAILROAD St. SAUKVILLE, WI		Lab PI#: Fredrick, Sandie E-Mail: sandra.fredrick@eurofins.com Carrier Tracking No(s): Lab PI#: 500-86990-39191.1 Page: Page 1 of 2 Job #:	
Due Date Requested: TAT Requested (days): PO#: Purchase Order not required 340-020-603 WO#:		Analysis Requested FFC, FDA - PFAS, Extended List (36 Analytes) <input checked="" type="checkbox"/> N Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/> N Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> N Total Number of Containers:	
Preservation Codes: A - HCl B - NaOH C - AsNaO2 D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:		Preservation Codes: M - Hexane N - None O - AsNaO2 P - Na2CO3 Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSP Dodecalhydrate U - Acetone V - MCAA W - pH 4-5 X - EDTA Y - other (specify)	
Special Instructions/Note: 320-66591 Chain of Custody		Special Instructions/Note: Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)		Date: _____ Method of Shipment: _____ Received by: _____ Date/Time: 11-10-20 1600 Company: T A Relinquished by: _____ Date/Time: 11 Nov 20 0930 Company: ETAWSEC Relinquished by: _____ Date/Time: 11/10/20 1700 Company: T A Relinquished by: _____ Date/Time: _____ Company: _____ Custody Seal Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.: 969663	
Sample Identification PFAS-3-5 PFAS-8-8-8-8-8 PFAS-7 4-6 PFAS-6 5-7 PFAS-4 6-8 PFAS-3 4-6 PFAS-2 2-4 PFAS-1 3-4 FS-1 EB-1 TB-Soil		Sample Date: 11/10/20 Sample Time: 830 Sample Type (C=Comp, G=grab): G Matrix (W=water, S=solid, G=soil, O=other): Solid Sample Time: 830, 955, 920, 945, 1005, 1025, 1040, 1100, 835, 835, - Matrix: Solid, Solid, Solid, Solid, Solid, Solid, Solid, Solid, Water, Water, Water	



NO TIME 11/11/20

880 Riverside Parkway
West Sacramento, CA 95605
Phone: 916-373-5600 Fax: 916-372-1059

Chain of Custody Record

Client Information Client Contact: Mr. Tim Petrick Company: Endpoint Solutions Corp Address: 6871 S. Lover's Lane City: Franklin State, Zip: WI, 53132 Phone: 414-427-1200(Tel) Email: tim@endpointcorporation.com Project Name: RETIA - Saukville, WI 341-020 Site:		Lab Pk: Fredrick, Sandie E-Mail: sandra.fredrick@eurofinset.com Carrier Tracking No(s): Lab Pk: 500-86990-39191.2 Page: Page 2 of 2 Job #:		
Due Date Requested: TAT Requested (days): PO #: Purchase Order not required WCO #: Project #: 50018271 SSO# #:		Analysis Requested Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/> N Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> N PFC, IDA - PFA5, Extended List (36 Analytes) <input checked="" type="checkbox"/> X Total Number of Containers: 2 Special Instructions/Note:		
Sample Identification FB-2 EB-2		Sample Date 11/10/20 11/10/20	Sample Time 1050 1055	Sample Type (C=Comp, G=grab) Preservation Code: Water Matrix (W=water, S=solid, O=soil/sediment, BT=Tissue, A=Air)
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological				
Deliverable Requested: I, II, III, IV, Other (specify)				
Empty Kit Returned by: [Signature] Relinquished by: [Signature]		Date: 11/20/20 230 Date/Time: 11-10-20 1600 Date/Time: 11 Nov 20 0930 Date/Time:		
Custody Seals Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Method of Shipment: 1.9e/0.9c Company: TA Company: ELAN SA Company:		



Login Sample Receipt Checklist

Client: Endpoint Solutions Corp

Job Number: 320-66591-1

Login Number: 66591

List Source: Eurofins TestAmerica, Sacramento

List Number: 1

Creator: Saephan, Kae C

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	969663
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

Laboratory Job ID: 320-66586-1

Client Project/Site: RETIA – Saukville, WI 341-020

For:

Endpoint Solutions Corp
6871 S. Lover's Lane
Franklin, Wisconsin 53132

Attn: Mr. Tim Petrick



Authorized for release by:
11/23/2020 3:58:05 PM

Sandie Fredrick, Project Manager II
(920)261-1660
sandra.fredrick@eurofinset.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Definitions/Glossary

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Qualifiers

LCMS

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Job ID: 320-66586-1

Laboratory: Eurofins TestAmerica, Sacramento

Narrative

Job Narrative 320-66586-1

Comments

No additional comments.

Receipt

The samples were received on 11/11/2020 9:30 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.9° C.

Receipt Exceptions

The following sample was received at the laboratory without a sample collection time documented on the chain of custody: TB-WATER (320-66586-8). Sample #8 (1/1) - no time provided on sample.

LCMS

Method 537 (modified): Results for samples (240-139986-V-3-A), (240-139986-W-3-A MS) and (240-139986-S-3-A MSD) were reported from the analysis of a diluted extract due to high concentration and sample matrix interference of the target analyte in the analysis of the undiluted extract. The dilution factor was applied to the labeled internal standard area counts and these area counts were within acceptance limits

Method 537 (modified): Results for samples W-45 (320-66586-2) were reported from the analysis of a diluted extract due to high concentration of the target analyte in the analysis of the undiluted extract. The dilution factor was applied to the labeled internal standard area counts and these area counts were within acceptance limits

Method 537 (modified): Several Isotope Dilution Analyte (IDA) recovery are above the method recommended limit for the following sample: (240-139986-V-3-A). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries.

Method 537 (modified): Isotope Dilution Analyte (IDA) recovery is above the method recommended limit for M2-4:2 FTS and M2-6:2 FTS the following sample: (240-139986-W-3-A MS). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

Method 3535: The following samples contain a thin layer of sediments at the bottom of the bottle prior to extraction:W-44 (320-66586-1), W-45 (320-66586-2), W-49 (320-66586-3) and W-8R (320-66586-5). Method Code :3535 PFC Matrix: Water preparation batch 320-432163

Method 3535: The following sample was yellow prior to extraction:W-45 (320-66586-2). Method Code :3535 PFC Matrix:Water preparation batch 320-432163

Method 3535: The following sample was received in 1 mL bottle instead of 250 mL:TB-WATER (320-66586-8). Method Code :3535 PFC Matrix:Water preparation batch 320-432163

Method 3535: During the solid phase extraction process, the following samples contained non-settable particulates which clogged the solid phase extraction column:W-44 (320-66586-1), W-45 (320-66586-2), W-49 (320-66586-3) and W-8R (320-66586-5) Method Code :3535 PFC Matrix:Water preparation batch 320-432163

Method 3535: Elevated reporting limits are provided for the following sample due to insufficient sample provided for preparation: TB-WATER (320-66586-8). Method Code :3535 PFC Matrix:Water preparation batch 320-432163

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Client Sample ID: W-44

Lab Sample ID: 320-66586-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	15		4.4	2.1	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	13		1.8	0.43	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	12		1.8	0.51	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	7.2		1.8	0.22	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	9.3		1.8	0.75	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	1.9		1.8	0.24	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	3.3		1.8	0.18	ng/L	1		537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	1.9		1.8	0.27	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	20		1.8	0.50	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	0.31	J	1.8	0.17	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	19		1.8	0.48	ng/L	1		537 (modified)	Total/NA
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.3	J	4.4	1.2	ng/L	1		537 (modified)	Total/NA
8:2 FTS	0.43	J	1.8	0.41	ng/L	1		537 (modified)	Total/NA
10:2 FTS	2.1		1.8	0.59	ng/L	1		537 (modified)	Total/NA

Client Sample ID: W-45

Lab Sample ID: 320-66586-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	3.9	J	4.5	2.2	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	5.4		1.8	0.44	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	6.6		1.8	0.52	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	3.8		1.8	0.22	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	9.2		1.8	0.76	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	1.1	J	1.8	0.24	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.4		1.8	0.18	ng/L	1		537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	3.4		1.8	0.27	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	50		1.8	0.51	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	5.1		1.8	0.17	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonamide (FOSA)	1.0	J	1.8	0.88	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS) - DL	340		9.0	2.4	ng/L	5		537 (modified)	Total/NA

Client Sample ID: W-49

Lab Sample ID: 320-66586-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	72		4.4	2.1	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	240		1.8	0.43	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	160		1.8	0.51	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	180		1.8	0.22	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	72		1.8	0.75	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	24		1.8	0.24	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	11		1.8	0.28	ng/L	1		537 (modified)	Total/NA
Perfluorododecanoic acid (PFDoA)	0.77	J	1.8	0.49	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.5	J	1.8	0.18	ng/L	1		537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.68	J	1.8	0.27	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	13		1.8	0.51	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	21		1.8	0.48	ng/L	1		537 (modified)	Total/NA
6:2 FTS	5.5		4.4	2.2	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Detection Summary

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Client Sample ID: W-49 (Continued)

Lab Sample ID: 320-66586-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
8:2 FTS	3.9		1.8	0.41	ng/L	1		537 (modified)	Total/NA
10:2 FTS	5.1		1.8	0.59	ng/L	1		537 (modified)	Total/NA

Client Sample ID: W-50

Lab Sample ID: 320-66586-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	50		4.5	2.2	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	160		1.8	0.44	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	110		1.8	0.52	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	98		1.8	0.22	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	43		1.8	0.76	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	10		1.8	0.24	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	1.7	J	1.8	0.28	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.4	J	1.8	0.18	ng/L	1		537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.60	J	1.8	0.27	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	13		1.8	0.51	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	25		1.8	0.49	ng/L	1		537 (modified)	Total/NA
6:2 FTS	4.8		4.5	2.2	ng/L	1		537 (modified)	Total/NA
8:2 FTS	3.2		1.8	0.41	ng/L	1		537 (modified)	Total/NA

Client Sample ID: W-8R

Lab Sample ID: 320-66586-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanesulfonic acid (PFBS)	0.20	J	1.8	0.18	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonamide (FOSA)	6.2		1.8	0.87	ng/L	1		537 (modified)	Total/NA

Client Sample ID: FB-1

Lab Sample ID: 320-66586-6

No Detections.

Client Sample ID: EB-1

Lab Sample ID: 320-66586-7

No Detections.

Client Sample ID: TB-WATER

Lab Sample ID: 320-66586-8

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Client Sample ID: W-44
Date Collected: 11/10/20 11:15
Date Received: 11/11/20 09:30

Lab Sample ID: 320-66586-1
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	15		4.4	2.1	ng/L		11/16/20 12:01	11/19/20 02:37	1
Perfluoropentanoic acid (PFPeA)	13		1.8	0.43	ng/L		11/16/20 12:01	11/19/20 02:37	1
Perfluorohexanoic acid (PFHxA)	12		1.8	0.51	ng/L		11/16/20 12:01	11/19/20 02:37	1
Perfluoroheptanoic acid (PFHpA)	7.2		1.8	0.22	ng/L		11/16/20 12:01	11/19/20 02:37	1
Perfluorooctanoic acid (PFOA)	9.3		1.8	0.75	ng/L		11/16/20 12:01	11/19/20 02:37	1
Perfluorononanoic acid (PFNA)	1.9		1.8	0.24	ng/L		11/16/20 12:01	11/19/20 02:37	1
Perfluorodecanoic acid (PFDA)	<0.27		1.8	0.27	ng/L		11/16/20 12:01	11/19/20 02:37	1
Perfluoroundecanoic acid (PFUnA)	<0.97		1.8	0.97	ng/L		11/16/20 12:01	11/19/20 02:37	1
Perfluorododecanoic acid (PFDoA)	<0.49		1.8	0.49	ng/L		11/16/20 12:01	11/19/20 02:37	1
Perfluorotridecanoic acid (PFTriA)	<1.2		1.8	1.2	ng/L		11/16/20 12:01	11/19/20 02:37	1
Perfluorotetradecanoic acid (PFTeA)	<0.65		1.8	0.65	ng/L		11/16/20 12:01	11/19/20 02:37	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.79		1.8	0.79	ng/L		11/16/20 12:01	11/19/20 02:37	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.83		1.8	0.83	ng/L		11/16/20 12:01	11/19/20 02:37	1
Perfluorobutanesulfonic acid (PFBS)	3.3		1.8	0.18	ng/L		11/16/20 12:01	11/19/20 02:37	1
Perfluoropentanesulfonic acid (PFPeS)	1.9		1.8	0.27	ng/L		11/16/20 12:01	11/19/20 02:37	1
Perfluorohexanesulfonic acid (PFHxS)	20		1.8	0.50	ng/L		11/16/20 12:01	11/19/20 02:37	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.31	J	1.8	0.17	ng/L		11/16/20 12:01	11/19/20 02:37	1
Perfluorooctanesulfonic acid (PFOS)	19		1.8	0.48	ng/L		11/16/20 12:01	11/19/20 02:37	1
Perfluorononanesulfonic acid (PFNS)	<0.33		1.8	0.33	ng/L		11/16/20 12:01	11/19/20 02:37	1
Perfluorodecanesulfonic acid (PFDS)	<0.28		1.8	0.28	ng/L		11/16/20 12:01	11/19/20 02:37	1
Perfluorododecanesulfonic acid (PFDoS)	<0.86		1.8	0.86	ng/L		11/16/20 12:01	11/19/20 02:37	1
Perfluorooctanesulfonamide (FOSA)	<0.87		1.8	0.87	ng/L		11/16/20 12:01	11/19/20 02:37	1
NEtFOSA	<0.77		1.8	0.77	ng/L		11/16/20 12:01	11/19/20 02:37	1
NMeFOSA	<0.38		1.8	0.38	ng/L		11/16/20 12:01	11/19/20 02:37	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<1.1		4.4	1.1	ng/L		11/16/20 12:01	11/19/20 02:37	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	4.3	J	4.4	1.2	ng/L		11/16/20 12:01	11/19/20 02:37	1
NMeFOSE	<1.2		3.5	1.2	ng/L		11/16/20 12:01	11/19/20 02:37	1
NEtFOSE	<0.75		1.8	0.75	ng/L		11/16/20 12:01	11/19/20 02:37	1
4:2 FTS	<0.21		1.8	0.21	ng/L		11/16/20 12:01	11/19/20 02:37	1
6:2 FTS	<2.2		4.4	2.2	ng/L		11/16/20 12:01	11/19/20 02:37	1
8:2 FTS	0.43	J	1.8	0.41	ng/L		11/16/20 12:01	11/19/20 02:37	1
10:2 FTS	2.1		1.8	0.59	ng/L		11/16/20 12:01	11/19/20 02:37	1
DONA	<0.35		1.8	0.35	ng/L		11/16/20 12:01	11/19/20 02:37	1
HFPO-DA (GenX)	<1.3		3.5	1.3	ng/L		11/16/20 12:01	11/19/20 02:37	1
F-53B Major	<0.21		1.8	0.21	ng/L		11/16/20 12:01	11/19/20 02:37	1
F-53B Minor	<0.28		1.8	0.28	ng/L		11/16/20 12:01	11/19/20 02:37	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	76		25 - 150				11/16/20 12:01	11/19/20 02:37	1
13C5 PFPeA	87		25 - 150				11/16/20 12:01	11/19/20 02:37	1
13C2 PFHxA	89		25 - 150				11/16/20 12:01	11/19/20 02:37	1
13C4 PFHpA	89		25 - 150				11/16/20 12:01	11/19/20 02:37	1
13C4 PFOA	98		25 - 150				11/16/20 12:01	11/19/20 02:37	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Client Sample ID: W-44
Date Collected: 11/10/20 11:15
Date Received: 11/11/20 09:30

Lab Sample ID: 320-66586-1
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C5 PFNA	91		25 - 150	11/16/20 12:01	11/19/20 02:37	1
13C2 PFDA	77		25 - 150	11/16/20 12:01	11/19/20 02:37	1
13C2 PFUnA	71		25 - 150	11/16/20 12:01	11/19/20 02:37	1
13C2 PFDoA	62		25 - 150	11/16/20 12:01	11/19/20 02:37	1
13C2 PFTeDA	67		25 - 150	11/16/20 12:01	11/19/20 02:37	1
13C2 PFHxDA	76		25 - 150	11/16/20 12:01	11/19/20 02:37	1
13C3 PFBS	91		25 - 150	11/16/20 12:01	11/19/20 02:37	1
18O2 PFHxS	94		25 - 150	11/16/20 12:01	11/19/20 02:37	1
13C4 PFOS	89		25 - 150	11/16/20 12:01	11/19/20 02:37	1
13C8 FOSA	81		25 - 150	11/16/20 12:01	11/19/20 02:37	1
d3-NMeFOSAA	72		25 - 150	11/16/20 12:01	11/19/20 02:37	1
d5-NEtFOSAA	79		25 - 150	11/16/20 12:01	11/19/20 02:37	1
d-N-MeFOSA-M	45		20 - 150	11/16/20 12:01	11/19/20 02:37	1
d-N-EtFOSA-M	34		20 - 150	11/16/20 12:01	11/19/20 02:37	1
d7-N-MeFOSE-M	25		10 - 120	11/16/20 12:01	11/19/20 02:37	1
d9-N-EtFOSE-M	23		10 - 120	11/16/20 12:01	11/19/20 02:37	1
M2-4:2 FTS	105		25 - 150	11/16/20 12:01	11/19/20 02:37	1
M2-6:2 FTS	119		25 - 150	11/16/20 12:01	11/19/20 02:37	1
M2-8:2 FTS	90		25 - 150	11/16/20 12:01	11/19/20 02:37	1
13C3 HFPO-DA	85		25 - 150	11/16/20 12:01	11/19/20 02:37	1

Client Sample Results

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Client Sample ID: W-45
Date Collected: 11/10/20 11:35
Date Received: 11/11/20 09:30

Lab Sample ID: 320-66586-2
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.9	J	4.5	2.2	ng/L		11/16/20 12:01	11/17/20 16:09	1
Perfluoropentanoic acid (PFPeA)	5.4		1.8	0.44	ng/L		11/16/20 12:01	11/17/20 16:09	1
Perfluorohexanoic acid (PFHxA)	6.6		1.8	0.52	ng/L		11/16/20 12:01	11/17/20 16:09	1
Perfluoroheptanoic acid (PFHpA)	3.8		1.8	0.22	ng/L		11/16/20 12:01	11/17/20 16:09	1
Perfluorooctanoic acid (PFOA)	9.2		1.8	0.76	ng/L		11/16/20 12:01	11/17/20 16:09	1
Perfluorononanoic acid (PFNA)	1.1	J	1.8	0.24	ng/L		11/16/20 12:01	11/17/20 16:09	1
Perfluorodecanoic acid (PFDA)	<0.28		1.8	0.28	ng/L		11/16/20 12:01	11/17/20 16:09	1
Perfluoroundecanoic acid (PFUnA)	<0.99		1.8	0.99	ng/L		11/16/20 12:01	11/17/20 16:09	1
Perfluorododecanoic acid (PFDoA)	<0.49		1.8	0.49	ng/L		11/16/20 12:01	11/17/20 16:09	1
Perfluorotridecanoic acid (PFTriA)	<1.2		1.8	1.2	ng/L		11/16/20 12:01	11/17/20 16:09	1
Perfluorotetradecanoic acid (PFTeA)	<0.66		1.8	0.66	ng/L		11/16/20 12:01	11/17/20 16:09	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.80		1.8	0.80	ng/L		11/16/20 12:01	11/17/20 16:09	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.85		1.8	0.85	ng/L		11/16/20 12:01	11/17/20 16:09	1
Perfluorobutanesulfonic acid (PFBS)	2.4		1.8	0.18	ng/L		11/16/20 12:01	11/17/20 16:09	1
Perfluoropentanesulfonic acid (PFPeS)	3.4		1.8	0.27	ng/L		11/16/20 12:01	11/17/20 16:09	1
Perfluorohexanesulfonic acid (PFHxS)	50		1.8	0.51	ng/L		11/16/20 12:01	11/17/20 16:09	1
Perfluoroheptanesulfonic Acid (PFHpS)	5.1		1.8	0.17	ng/L		11/16/20 12:01	11/17/20 16:09	1
Perfluorononanesulfonic acid (PFNS)	<0.33		1.8	0.33	ng/L		11/16/20 12:01	11/17/20 16:09	1
Perfluorodecanesulfonic acid (PFDS)	<0.29		1.8	0.29	ng/L		11/16/20 12:01	11/17/20 16:09	1
Perfluorododecanesulfonic acid (PFDoS)	<0.87		1.8	0.87	ng/L		11/16/20 12:01	11/17/20 16:09	1
Perfluorooctanesulfonamide (FOSA)	1.0	J	1.8	0.88	ng/L		11/16/20 12:01	11/17/20 16:09	1
NEtFOSA	<0.78		1.8	0.78	ng/L		11/16/20 12:01	11/17/20 16:09	1
NMeFOSA	<0.39		1.8	0.39	ng/L		11/16/20 12:01	11/17/20 16:09	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<1.1		4.5	1.1	ng/L		11/16/20 12:01	11/17/20 16:09	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<1.2		4.5	1.2	ng/L		11/16/20 12:01	11/17/20 16:09	1
NMeFOSE	<1.3		3.6	1.3	ng/L		11/16/20 12:01	11/17/20 16:09	1
NEtFOSE	<0.76		1.8	0.76	ng/L		11/16/20 12:01	11/17/20 16:09	1
4:2 FTS	<0.22		1.8	0.22	ng/L		11/16/20 12:01	11/17/20 16:09	1
6:2 FTS	<2.2		4.5	2.2	ng/L		11/16/20 12:01	11/17/20 16:09	1
8:2 FTS	<0.41		1.8	0.41	ng/L		11/16/20 12:01	11/17/20 16:09	1
10:2 FTS	<0.60		1.8	0.60	ng/L		11/16/20 12:01	11/17/20 16:09	1
DONA	<0.36		1.8	0.36	ng/L		11/16/20 12:01	11/17/20 16:09	1
HFPO-DA (GenX)	<1.3		3.6	1.3	ng/L		11/16/20 12:01	11/17/20 16:09	1
F-53B Major	<0.22		1.8	0.22	ng/L		11/16/20 12:01	11/17/20 16:09	1
F-53B Minor	<0.29		1.8	0.29	ng/L		11/16/20 12:01	11/17/20 16:09	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	65		25 - 150				11/16/20 12:01	11/17/20 16:09	1
13C5 PFPeA	67		25 - 150				11/16/20 12:01	11/17/20 16:09	1
13C2 PFHxA	64		25 - 150				11/16/20 12:01	11/17/20 16:09	1
13C4 PFHpA	62		25 - 150				11/16/20 12:01	11/17/20 16:09	1
13C4 PFOA	60		25 - 150				11/16/20 12:01	11/17/20 16:09	1
13C5 PFNA	53		25 - 150				11/16/20 12:01	11/17/20 16:09	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Client Sample ID: W-45
Date Collected: 11/10/20 11:35
Date Received: 11/11/20 09:30

Lab Sample ID: 320-66586-2
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

<u>Isotope Dilution</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
13C2 PFDA	53		25 - 150	11/16/20 12:01	11/17/20 16:09	1
13C2 PFUnA	45		25 - 150	11/16/20 12:01	11/17/20 16:09	1
13C2 PFDoA	40		25 - 150	11/16/20 12:01	11/17/20 16:09	1
13C2 PFTeDA	44		25 - 150	11/16/20 12:01	11/17/20 16:09	1
13C2 PFHxDA	44		25 - 150	11/16/20 12:01	11/17/20 16:09	1
13C3 PFBS	64		25 - 150	11/16/20 12:01	11/17/20 16:09	1
18O2 PFHxS	66		25 - 150	11/16/20 12:01	11/17/20 16:09	1
13C4 PFOS	62		25 - 150	11/16/20 12:01	11/17/20 16:09	1
13C8 FOSA	57		25 - 150	11/16/20 12:01	11/17/20 16:09	1
d3-NMeFOSAA	45		25 - 150	11/16/20 12:01	11/17/20 16:09	1
d5-NEtFOSAA	43		25 - 150	11/16/20 12:01	11/17/20 16:09	1
d-N-MeFOSA-M	23		20 - 150	11/16/20 12:01	11/17/20 16:09	1
d-N-EtFOSA-M	20		20 - 150	11/16/20 12:01	11/17/20 16:09	1
d7-N-MeFOSE-M	12		10 - 120	11/16/20 12:01	11/17/20 16:09	1
d9-N-EtFOSE-M	11		10 - 120	11/16/20 12:01	11/17/20 16:09	1
M2-4:2 FTS	80		25 - 150	11/16/20 12:01	11/17/20 16:09	1
M2-6:2 FTS	83		25 - 150	11/16/20 12:01	11/17/20 16:09	1
M2-8:2 FTS	62		25 - 150	11/16/20 12:01	11/17/20 16:09	1
13C3 HFPO-DA	61		25 - 150	11/16/20 12:01	11/17/20 16:09	1

Method: 537 (modified) - Fluorinated Alkyl Substances - DL

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>RL</u>	<u>MDL</u>	<u>Unit</u>	<u>D</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
Perfluorooctanesulfonic acid (PFOS)	340		9.0	2.4	ng/L		11/16/20 12:01	11/19/20 02:46	5

<u>Isotope Dilution</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
13C4 PFOS	58		25 - 150	11/16/20 12:01	11/19/20 02:46	5

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Client Sample ID: W-49
Date Collected: 11/10/20 12:30
Date Received: 11/11/20 09:30

Lab Sample ID: 320-66586-3
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	72		4.4	2.1	ng/L		11/16/20 12:01	11/17/20 16:18	1
Perfluoropentanoic acid (PFPeA)	240		1.8	0.43	ng/L		11/16/20 12:01	11/17/20 16:18	1
Perfluorohexanoic acid (PFHxA)	160		1.8	0.51	ng/L		11/16/20 12:01	11/17/20 16:18	1
Perfluoroheptanoic acid (PFHpA)	180		1.8	0.22	ng/L		11/16/20 12:01	11/17/20 16:18	1
Perfluorooctanoic acid (PFOA)	72		1.8	0.75	ng/L		11/16/20 12:01	11/17/20 16:18	1
Perfluorononanoic acid (PFNA)	24		1.8	0.24	ng/L		11/16/20 12:01	11/17/20 16:18	1
Perfluorodecanoic acid (PFDA)	11		1.8	0.28	ng/L		11/16/20 12:01	11/17/20 16:18	1
Perfluoroundecanoic acid (PFUnA)	<0.98		1.8	0.98	ng/L		11/16/20 12:01	11/17/20 16:18	1
Perfluorododecanoic acid (PFDoA)	0.77	J	1.8	0.49	ng/L		11/16/20 12:01	11/17/20 16:18	1
Perfluorotridecanoic acid (PFTriA)	<1.2		1.8	1.2	ng/L		11/16/20 12:01	11/17/20 16:18	1
Perfluorotetradecanoic acid (PFTeA)	<0.65		1.8	0.65	ng/L		11/16/20 12:01	11/17/20 16:18	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.79		1.8	0.79	ng/L		11/16/20 12:01	11/17/20 16:18	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.83		1.8	0.83	ng/L		11/16/20 12:01	11/17/20 16:18	1
Perfluorobutanesulfonic acid (PFBS)	1.5	J	1.8	0.18	ng/L		11/16/20 12:01	11/17/20 16:18	1
Perfluoropentanesulfonic acid (PFPeS)	0.68	J	1.8	0.27	ng/L		11/16/20 12:01	11/17/20 16:18	1
Perfluorohexanesulfonic acid (PFHxS)	13		1.8	0.51	ng/L		11/16/20 12:01	11/17/20 16:18	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.17		1.8	0.17	ng/L		11/16/20 12:01	11/17/20 16:18	1
Perfluorooctanesulfonic acid (PFOS)	21		1.8	0.48	ng/L		11/16/20 12:01	11/17/20 16:18	1
Perfluorononanesulfonic acid (PFNS)	<0.33		1.8	0.33	ng/L		11/16/20 12:01	11/17/20 16:18	1
Perfluorodecanesulfonic acid (PFDS)	<0.28		1.8	0.28	ng/L		11/16/20 12:01	11/17/20 16:18	1
Perfluorododecanesulfonic acid (PFDoS)	<0.86		1.8	0.86	ng/L		11/16/20 12:01	11/17/20 16:18	1
Perfluorooctanesulfonamide (FOSA)	<0.87		1.8	0.87	ng/L		11/16/20 12:01	11/17/20 16:18	1
NEtFOSA	<0.77		1.8	0.77	ng/L		11/16/20 12:01	11/17/20 16:18	1
NMeFOSA	<0.38		1.8	0.38	ng/L		11/16/20 12:01	11/17/20 16:18	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<1.1		4.4	1.1	ng/L		11/16/20 12:01	11/17/20 16:18	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<1.2		4.4	1.2	ng/L		11/16/20 12:01	11/17/20 16:18	1
NMeFOSE	<1.2		3.5	1.2	ng/L		11/16/20 12:01	11/17/20 16:18	1
NEtFOSE	<0.75		1.8	0.75	ng/L		11/16/20 12:01	11/17/20 16:18	1
4:2 FTS	<0.21		1.8	0.21	ng/L		11/16/20 12:01	11/17/20 16:18	1
6:2 FTS	5.5		4.4	2.2	ng/L		11/16/20 12:01	11/17/20 16:18	1
8:2 FTS	3.9		1.8	0.41	ng/L		11/16/20 12:01	11/17/20 16:18	1
10:2 FTS	5.1		1.8	0.59	ng/L		11/16/20 12:01	11/17/20 16:18	1
DONA	<0.35		1.8	0.35	ng/L		11/16/20 12:01	11/17/20 16:18	1
HFPO-DA (GenX)	<1.3		3.5	1.3	ng/L		11/16/20 12:01	11/17/20 16:18	1
F-53B Major	<0.21		1.8	0.21	ng/L		11/16/20 12:01	11/17/20 16:18	1
F-53B Minor	<0.28		1.8	0.28	ng/L		11/16/20 12:01	11/17/20 16:18	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	68		25 - 150				11/16/20 12:01	11/17/20 16:18	1
13C5 PFPeA	70		25 - 150				11/16/20 12:01	11/17/20 16:18	1
13C2 PFHxA	71		25 - 150				11/16/20 12:01	11/17/20 16:18	1
13C4 PFHpA	70		25 - 150				11/16/20 12:01	11/17/20 16:18	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Client Sample ID: W-49

Lab Sample ID: 320-66586-3

Date Collected: 11/10/20 12:30

Matrix: Water

Date Received: 11/11/20 09:30

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C4 PFOA	70		25 - 150	11/16/20 12:01	11/17/20 16:18	1
13C5 PFNA	64		25 - 150	11/16/20 12:01	11/17/20 16:18	1
13C2 PFDA	61		25 - 150	11/16/20 12:01	11/17/20 16:18	1
13C2 PFUnA	58		25 - 150	11/16/20 12:01	11/17/20 16:18	1
13C2 PFDoA	46		25 - 150	11/16/20 12:01	11/17/20 16:18	1
13C2 PFTeDA	50		25 - 150	11/16/20 12:01	11/17/20 16:18	1
13C2 PFHxDA	66		25 - 150	11/16/20 12:01	11/17/20 16:18	1
13C3 PFBS	75		25 - 150	11/16/20 12:01	11/17/20 16:18	1
18O2 PFHxS	76		25 - 150	11/16/20 12:01	11/17/20 16:18	1
13C4 PFOS	74		25 - 150	11/16/20 12:01	11/17/20 16:18	1
13C8 FOSA	67		25 - 150	11/16/20 12:01	11/17/20 16:18	1
d3-NMeFOSAA	54		25 - 150	11/16/20 12:01	11/17/20 16:18	1
d5-NEtFOSAA	56		25 - 150	11/16/20 12:01	11/17/20 16:18	1
d-N-MeFOSA-M	32		20 - 150	11/16/20 12:01	11/17/20 16:18	1
d-N-EtFOSA-M	28		20 - 150	11/16/20 12:01	11/17/20 16:18	1
d7-N-MeFOSE-M	22		10 - 120	11/16/20 12:01	11/17/20 16:18	1
d9-N-EtFOSE-M	19		10 - 120	11/16/20 12:01	11/17/20 16:18	1
M2-4:2 FTS	91		25 - 150	11/16/20 12:01	11/17/20 16:18	1
M2-6:2 FTS	91		25 - 150	11/16/20 12:01	11/17/20 16:18	1
M2-8:2 FTS	80		25 - 150	11/16/20 12:01	11/17/20 16:18	1
13C3 HFPO-DA	70		25 - 150	11/16/20 12:01	11/17/20 16:18	1

Client Sample Results

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Client Sample ID: W-50
Date Collected: 11/10/20 12:35
Date Received: 11/11/20 09:30

Lab Sample ID: 320-66586-4
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	50		4.5	2.2	ng/L		11/16/20 12:01	11/17/20 16:28	1
Perfluoropentanoic acid (PFPeA)	160		1.8	0.44	ng/L		11/16/20 12:01	11/17/20 16:28	1
Perfluorohexanoic acid (PFHxA)	110		1.8	0.52	ng/L		11/16/20 12:01	11/17/20 16:28	1
Perfluoroheptanoic acid (PFHpA)	98		1.8	0.22	ng/L		11/16/20 12:01	11/17/20 16:28	1
Perfluorooctanoic acid (PFOA)	43		1.8	0.76	ng/L		11/16/20 12:01	11/17/20 16:28	1
Perfluorononanoic acid (PFNA)	10		1.8	0.24	ng/L		11/16/20 12:01	11/17/20 16:28	1
Perfluorodecanoic acid (PFDA)	1.7	J	1.8	0.28	ng/L		11/16/20 12:01	11/17/20 16:28	1
Perfluoroundecanoic acid (PFUnA)	<0.99		1.8	0.99	ng/L		11/16/20 12:01	11/17/20 16:28	1
Perfluorododecanoic acid (PFDoA)	<0.49		1.8	0.49	ng/L		11/16/20 12:01	11/17/20 16:28	1
Perfluorotridecanoic acid (PFTriA)	<1.2		1.8	1.2	ng/L		11/16/20 12:01	11/17/20 16:28	1
Perfluorotetradecanoic acid (PFTeA)	<0.66		1.8	0.66	ng/L		11/16/20 12:01	11/17/20 16:28	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.80		1.8	0.80	ng/L		11/16/20 12:01	11/17/20 16:28	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.84		1.8	0.84	ng/L		11/16/20 12:01	11/17/20 16:28	1
Perfluorobutanesulfonic acid (PFBS)	1.4	J	1.8	0.18	ng/L		11/16/20 12:01	11/17/20 16:28	1
Perfluoropentanesulfonic acid (PFPeS)	0.60	J	1.8	0.27	ng/L		11/16/20 12:01	11/17/20 16:28	1
Perfluorohexanesulfonic acid (PFHxS)	13		1.8	0.51	ng/L		11/16/20 12:01	11/17/20 16:28	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.17		1.8	0.17	ng/L		11/16/20 12:01	11/17/20 16:28	1
Perfluorooctanesulfonic acid (PFOS)	25		1.8	0.49	ng/L		11/16/20 12:01	11/17/20 16:28	1
Perfluorononanesulfonic acid (PFNS)	<0.33		1.8	0.33	ng/L		11/16/20 12:01	11/17/20 16:28	1
Perfluorodecanesulfonic acid (PFDS)	<0.29		1.8	0.29	ng/L		11/16/20 12:01	11/17/20 16:28	1
Perfluorododecanesulfonic acid (PFDoS)	<0.87		1.8	0.87	ng/L		11/16/20 12:01	11/17/20 16:28	1
Perfluorooctanesulfonamide (FOSA)	<0.88		1.8	0.88	ng/L		11/16/20 12:01	11/17/20 16:28	1
NEtFOSA	<0.78		1.8	0.78	ng/L		11/16/20 12:01	11/17/20 16:28	1
NMeFOSA	<0.39		1.8	0.39	ng/L		11/16/20 12:01	11/17/20 16:28	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<1.1		4.5	1.1	ng/L		11/16/20 12:01	11/17/20 16:28	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<1.2		4.5	1.2	ng/L		11/16/20 12:01	11/17/20 16:28	1
NMeFOSE	<1.3		3.6	1.3	ng/L		11/16/20 12:01	11/17/20 16:28	1
NEtFOSE	<0.76		1.8	0.76	ng/L		11/16/20 12:01	11/17/20 16:28	1
4:2 FTS	<0.22		1.8	0.22	ng/L		11/16/20 12:01	11/17/20 16:28	1
6:2 FTS	4.8		4.5	2.2	ng/L		11/16/20 12:01	11/17/20 16:28	1
8:2 FTS	3.2		1.8	0.41	ng/L		11/16/20 12:01	11/17/20 16:28	1
10:2 FTS	<0.60		1.8	0.60	ng/L		11/16/20 12:01	11/17/20 16:28	1
DONA	<0.36		1.8	0.36	ng/L		11/16/20 12:01	11/17/20 16:28	1
HFPO-DA (GenX)	<1.3		3.6	1.3	ng/L		11/16/20 12:01	11/17/20 16:28	1
F-53B Major	<0.22		1.8	0.22	ng/L		11/16/20 12:01	11/17/20 16:28	1
F-53B Minor	<0.29		1.8	0.29	ng/L		11/16/20 12:01	11/17/20 16:28	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	78		25 - 150				11/16/20 12:01	11/17/20 16:28	1
13C5 PFPeA	73		25 - 150				11/16/20 12:01	11/17/20 16:28	1
13C2 PFHxA	72		25 - 150				11/16/20 12:01	11/17/20 16:28	1
13C4 PFHpA	71		25 - 150				11/16/20 12:01	11/17/20 16:28	1
13C4 PFOA	73		25 - 150				11/16/20 12:01	11/17/20 16:28	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Client Sample ID: W-50
Date Collected: 11/10/20 12:35
Date Received: 11/11/20 09:30

Lab Sample ID: 320-66586-4
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C5 PFNA	67		25 - 150	11/16/20 12:01	11/17/20 16:28	1
13C2 PFDA	67		25 - 150	11/16/20 12:01	11/17/20 16:28	1
13C2 PFUnA	59		25 - 150	11/16/20 12:01	11/17/20 16:28	1
13C2 PFDoA	49		25 - 150	11/16/20 12:01	11/17/20 16:28	1
13C2 PFTeDA	54		25 - 150	11/16/20 12:01	11/17/20 16:28	1
13C2 PFHxDA	62		25 - 150	11/16/20 12:01	11/17/20 16:28	1
13C3 PFBS	75		25 - 150	11/16/20 12:01	11/17/20 16:28	1
18O2 PFHxS	81		25 - 150	11/16/20 12:01	11/17/20 16:28	1
13C4 PFOS	74		25 - 150	11/16/20 12:01	11/17/20 16:28	1
13C8 FOSA	69		25 - 150	11/16/20 12:01	11/17/20 16:28	1
d3-NMeFOSAA	62		25 - 150	11/16/20 12:01	11/17/20 16:28	1
d5-NEtFOSAA	64		25 - 150	11/16/20 12:01	11/17/20 16:28	1
d-N-MeFOSA-M	52		20 - 150	11/16/20 12:01	11/17/20 16:28	1
d-N-EtFOSA-M	47		20 - 150	11/16/20 12:01	11/17/20 16:28	1
d7-N-MeFOSE-M	27		10 - 120	11/16/20 12:01	11/17/20 16:28	1
d9-N-EtFOSE-M	27		10 - 120	11/16/20 12:01	11/17/20 16:28	1
M2-4:2 FTS	108		25 - 150	11/16/20 12:01	11/17/20 16:28	1
M2-6:2 FTS	100		25 - 150	11/16/20 12:01	11/17/20 16:28	1
M2-8:2 FTS	81		25 - 150	11/16/20 12:01	11/17/20 16:28	1
13C3 HFPO-DA	68		25 - 150	11/16/20 12:01	11/17/20 16:28	1

Client Sample Results

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Client Sample ID: W-8R

Lab Sample ID: 320-66586-5

Date Collected: 11/10/20 12:45

Matrix: Water

Date Received: 11/11/20 09:30

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.1		4.4	2.1	ng/L		11/16/20 12:01	11/17/20 16:37	1
Perfluoropentanoic acid (PFPeA)	<0.43		1.8	0.43	ng/L		11/16/20 12:01	11/17/20 16:37	1
Perfluorohexanoic acid (PFHxA)	<0.51		1.8	0.51	ng/L		11/16/20 12:01	11/17/20 16:37	1
Perfluoroheptanoic acid (PFHpA)	<0.22		1.8	0.22	ng/L		11/16/20 12:01	11/17/20 16:37	1
Perfluorooctanoic acid (PFOA)	<0.75		1.8	0.75	ng/L		11/16/20 12:01	11/17/20 16:37	1
Perfluorononanoic acid (PFNA)	<0.24		1.8	0.24	ng/L		11/16/20 12:01	11/17/20 16:37	1
Perfluorodecanoic acid (PFDA)	<0.27		1.8	0.27	ng/L		11/16/20 12:01	11/17/20 16:37	1
Perfluoroundecanoic acid (PFUnA)	<0.97		1.8	0.97	ng/L		11/16/20 12:01	11/17/20 16:37	1
Perfluorododecanoic acid (PFDoA)	<0.49		1.8	0.49	ng/L		11/16/20 12:01	11/17/20 16:37	1
Perfluorotridecanoic acid (PFTriA)	<1.2		1.8	1.2	ng/L		11/16/20 12:01	11/17/20 16:37	1
Perfluorotetradecanoic acid (PFTeA)	<0.65		1.8	0.65	ng/L		11/16/20 12:01	11/17/20 16:37	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.79		1.8	0.79	ng/L		11/16/20 12:01	11/17/20 16:37	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.83		1.8	0.83	ng/L		11/16/20 12:01	11/17/20 16:37	1
Perfluorobutanesulfonic acid (PFBS)	0.20	J	1.8	0.18	ng/L		11/16/20 12:01	11/17/20 16:37	1
Perfluoropentanesulfonic acid (PFPeS)	<0.27		1.8	0.27	ng/L		11/16/20 12:01	11/17/20 16:37	1
Perfluorohexanesulfonic acid (PFHxS)	<0.50		1.8	0.50	ng/L		11/16/20 12:01	11/17/20 16:37	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.17		1.8	0.17	ng/L		11/16/20 12:01	11/17/20 16:37	1
Perfluorooctanesulfonic acid (PFOS)	<0.48		1.8	0.48	ng/L		11/16/20 12:01	11/17/20 16:37	1
Perfluorononanesulfonic acid (PFNS)	<0.33		1.8	0.33	ng/L		11/16/20 12:01	11/17/20 16:37	1
Perfluorodecanesulfonic acid (PFDS)	<0.28		1.8	0.28	ng/L		11/16/20 12:01	11/17/20 16:37	1
Perfluorododecanesulfonic acid (PFDoS)	<0.86		1.8	0.86	ng/L		11/16/20 12:01	11/17/20 16:37	1
Perfluorooctanesulfonamide (FOSA)	6.2		1.8	0.87	ng/L		11/16/20 12:01	11/17/20 16:37	1
NEtFOSA	<0.77		1.8	0.77	ng/L		11/16/20 12:01	11/17/20 16:37	1
NMeFOSA	<0.38		1.8	0.38	ng/L		11/16/20 12:01	11/17/20 16:37	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<1.1		4.4	1.1	ng/L		11/16/20 12:01	11/17/20 16:37	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<1.2		4.4	1.2	ng/L		11/16/20 12:01	11/17/20 16:37	1
NMeFOSE	<1.2		3.5	1.2	ng/L		11/16/20 12:01	11/17/20 16:37	1
NEtFOSE	<0.75		1.8	0.75	ng/L		11/16/20 12:01	11/17/20 16:37	1
4:2 FTS	<0.21		1.8	0.21	ng/L		11/16/20 12:01	11/17/20 16:37	1
6:2 FTS	<2.2		4.4	2.2	ng/L		11/16/20 12:01	11/17/20 16:37	1
8:2 FTS	<0.41		1.8	0.41	ng/L		11/16/20 12:01	11/17/20 16:37	1
10:2 FTS	<0.59		1.8	0.59	ng/L		11/16/20 12:01	11/17/20 16:37	1
DONA	<0.35		1.8	0.35	ng/L		11/16/20 12:01	11/17/20 16:37	1
HFPO-DA (GenX)	<1.3		3.5	1.3	ng/L		11/16/20 12:01	11/17/20 16:37	1
F-53B Major	<0.21		1.8	0.21	ng/L		11/16/20 12:01	11/17/20 16:37	1
F-53B Minor	<0.28		1.8	0.28	ng/L		11/16/20 12:01	11/17/20 16:37	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	70		25 - 150				11/16/20 12:01	11/17/20 16:37	1
13C5 PFPeA	78		25 - 150				11/16/20 12:01	11/17/20 16:37	1
13C2 PFHxA	71		25 - 150				11/16/20 12:01	11/17/20 16:37	1
13C4 PFHpA	69		25 - 150				11/16/20 12:01	11/17/20 16:37	1
13C4 PFOA	71		25 - 150				11/16/20 12:01	11/17/20 16:37	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Client Sample ID: W-8R
Date Collected: 11/10/20 12:45
Date Received: 11/11/20 09:30

Lab Sample ID: 320-66586-5
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C5 PFNA	61		25 - 150	11/16/20 12:01	11/17/20 16:37	1
13C2 PFDA	57		25 - 150	11/16/20 12:01	11/17/20 16:37	1
13C2 PFUnA	52		25 - 150	11/16/20 12:01	11/17/20 16:37	1
13C2 PFDoA	47		25 - 150	11/16/20 12:01	11/17/20 16:37	1
13C2 PFTeDA	55		25 - 150	11/16/20 12:01	11/17/20 16:37	1
13C2 PFHxDA	61		25 - 150	11/16/20 12:01	11/17/20 16:37	1
13C3 PFBS	69		25 - 150	11/16/20 12:01	11/17/20 16:37	1
18O2 PFHxS	73		25 - 150	11/16/20 12:01	11/17/20 16:37	1
13C4 PFOS	69		25 - 150	11/16/20 12:01	11/17/20 16:37	1
13C8 FOSA	66		25 - 150	11/16/20 12:01	11/17/20 16:37	1
d3-NMeFOSAA	54		25 - 150	11/16/20 12:01	11/17/20 16:37	1
d5-NEtFOSAA	56		25 - 150	11/16/20 12:01	11/17/20 16:37	1
d-N-MeFOSA-M	33		20 - 150	11/16/20 12:01	11/17/20 16:37	1
d-N-EtFOSA-M	27		20 - 150	11/16/20 12:01	11/17/20 16:37	1
d7-N-MeFOSE-M	20		10 - 120	11/16/20 12:01	11/17/20 16:37	1
d9-N-EtFOSE-M	18		10 - 120	11/16/20 12:01	11/17/20 16:37	1
M2-4:2 FTS	85		25 - 150	11/16/20 12:01	11/17/20 16:37	1
M2-6:2 FTS	84		25 - 150	11/16/20 12:01	11/17/20 16:37	1
M2-8:2 FTS	68		25 - 150	11/16/20 12:01	11/17/20 16:37	1
13C3 HFPO-DA	65		25 - 150	11/16/20 12:01	11/17/20 16:37	1

Client Sample Results

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Client Sample ID: FB-1

Lab Sample ID: 320-66586-6

Date Collected: 11/10/20 11:10

Matrix: Water

Date Received: 11/11/20 09:30

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.3		4.9	2.3	ng/L		11/16/20 12:01	11/17/20 16:46	1
Perfluoropentanoic acid (PFPeA)	<0.48		1.9	0.48	ng/L		11/16/20 12:01	11/17/20 16:46	1
Perfluorohexanoic acid (PFHxA)	<0.56		1.9	0.56	ng/L		11/16/20 12:01	11/17/20 16:46	1
Perfluoroheptanoic acid (PFHpA)	<0.24		1.9	0.24	ng/L		11/16/20 12:01	11/17/20 16:46	1
Perfluorooctanoic acid (PFOA)	<0.82		1.9	0.82	ng/L		11/16/20 12:01	11/17/20 16:46	1
Perfluorononanoic acid (PFNA)	<0.26		1.9	0.26	ng/L		11/16/20 12:01	11/17/20 16:46	1
Perfluorodecanoic acid (PFDA)	<0.30		1.9	0.30	ng/L		11/16/20 12:01	11/17/20 16:46	1
Perfluoroundecanoic acid (PFUnA)	<1.1		1.9	1.1	ng/L		11/16/20 12:01	11/17/20 16:46	1
Perfluorododecanoic acid (PFDoA)	<0.53		1.9	0.53	ng/L		11/16/20 12:01	11/17/20 16:46	1
Perfluorotridecanoic acid (PFTriA)	<1.3		1.9	1.3	ng/L		11/16/20 12:01	11/17/20 16:46	1
Perfluorotetradecanoic acid (PFTeA)	<0.71		1.9	0.71	ng/L		11/16/20 12:01	11/17/20 16:46	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.86		1.9	0.86	ng/L		11/16/20 12:01	11/17/20 16:46	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.91		1.9	0.91	ng/L		11/16/20 12:01	11/17/20 16:46	1
Perfluorobutanesulfonic acid (PFBS)	<0.19		1.9	0.19	ng/L		11/16/20 12:01	11/17/20 16:46	1
Perfluoropentanesulfonic acid (PFPeS)	<0.29		1.9	0.29	ng/L		11/16/20 12:01	11/17/20 16:46	1
Perfluorohexanesulfonic acid (PFHxS)	<0.55		1.9	0.55	ng/L		11/16/20 12:01	11/17/20 16:46	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.18		1.9	0.18	ng/L		11/16/20 12:01	11/17/20 16:46	1
Perfluorooctanesulfonic acid (PFOS)	<0.52		1.9	0.52	ng/L		11/16/20 12:01	11/17/20 16:46	1
Perfluorononanesulfonic acid (PFNS)	<0.36		1.9	0.36	ng/L		11/16/20 12:01	11/17/20 16:46	1
Perfluorodecanesulfonic acid (PFDS)	<0.31		1.9	0.31	ng/L		11/16/20 12:01	11/17/20 16:46	1
Perfluorododecanesulfonic acid (PFDoS)	<0.94		1.9	0.94	ng/L		11/16/20 12:01	11/17/20 16:46	1
Perfluorooctanesulfonamide (FOSA)	<0.95		1.9	0.95	ng/L		11/16/20 12:01	11/17/20 16:46	1
NEtFOSA	<0.84		1.9	0.84	ng/L		11/16/20 12:01	11/17/20 16:46	1
NMeFOSA	<0.42		1.9	0.42	ng/L		11/16/20 12:01	11/17/20 16:46	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<1.2		4.9	1.2	ng/L		11/16/20 12:01	11/17/20 16:46	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<1.3		4.9	1.3	ng/L		11/16/20 12:01	11/17/20 16:46	1
NMeFOSE	<1.4		3.9	1.4	ng/L		11/16/20 12:01	11/17/20 16:46	1
NEtFOSE	<0.82		1.9	0.82	ng/L		11/16/20 12:01	11/17/20 16:46	1
4:2 FTS	<0.23		1.9	0.23	ng/L		11/16/20 12:01	11/17/20 16:46	1
6:2 FTS	<2.4		4.9	2.4	ng/L		11/16/20 12:01	11/17/20 16:46	1
8:2 FTS	<0.45		1.9	0.45	ng/L		11/16/20 12:01	11/17/20 16:46	1
10:2 FTS	<0.65		1.9	0.65	ng/L		11/16/20 12:01	11/17/20 16:46	1
DONA	<0.39		1.9	0.39	ng/L		11/16/20 12:01	11/17/20 16:46	1
HFPO-DA (GenX)	<1.5		3.9	1.5	ng/L		11/16/20 12:01	11/17/20 16:46	1
F-53B Major	<0.23		1.9	0.23	ng/L		11/16/20 12:01	11/17/20 16:46	1
F-53B Minor	<0.31		1.9	0.31	ng/L		11/16/20 12:01	11/17/20 16:46	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	81		25 - 150	11/16/20 12:01	11/17/20 16:46	1
13C5 PFPeA	84		25 - 150	11/16/20 12:01	11/17/20 16:46	1
13C2 PFHxA	79		25 - 150	11/16/20 12:01	11/17/20 16:46	1
13C4 PFHpA	75		25 - 150	11/16/20 12:01	11/17/20 16:46	1
13C4 PFOA	76		25 - 150	11/16/20 12:01	11/17/20 16:46	1
13C5 PFNA	69		25 - 150	11/16/20 12:01	11/17/20 16:46	1
13C2 PFDA	68		25 - 150	11/16/20 12:01	11/17/20 16:46	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Client Sample ID: FB-1

Lab Sample ID: 320-66586-6

Date Collected: 11/10/20 11:10

Matrix: Water

Date Received: 11/11/20 09:30

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C2 PFUnA	69		25 - 150	11/16/20 12:01	11/17/20 16:46	1
13C2 PFDoA	64		25 - 150	11/16/20 12:01	11/17/20 16:46	1
13C2 PFTeDA	67		25 - 150	11/16/20 12:01	11/17/20 16:46	1
13C2 PFHxDA	69		25 - 150	11/16/20 12:01	11/17/20 16:46	1
13C3 PFBS	78		25 - 150	11/16/20 12:01	11/17/20 16:46	1
18O2 PFHxS	84		25 - 150	11/16/20 12:01	11/17/20 16:46	1
13C4 PFOS	82		25 - 150	11/16/20 12:01	11/17/20 16:46	1
13C8 FOSA	76		25 - 150	11/16/20 12:01	11/17/20 16:46	1
d3-NMeFOSAA	72		25 - 150	11/16/20 12:01	11/17/20 16:46	1
d5-NEtFOSAA	78		25 - 150	11/16/20 12:01	11/17/20 16:46	1
d-N-MeFOSA-M	44		20 - 150	11/16/20 12:01	11/17/20 16:46	1
d-N-EtFOSA-M	34		20 - 150	11/16/20 12:01	11/17/20 16:46	1
d7-N-MeFOSE-M	18		10 - 120	11/16/20 12:01	11/17/20 16:46	1
d9-N-EtFOSE-M	18		10 - 120	11/16/20 12:01	11/17/20 16:46	1
M2-4:2 FTS	103		25 - 150	11/16/20 12:01	11/17/20 16:46	1
M2-6:2 FTS	93		25 - 150	11/16/20 12:01	11/17/20 16:46	1
M2-8:2 FTS	83		25 - 150	11/16/20 12:01	11/17/20 16:46	1
13C3 HFPO-DA	73		25 - 150	11/16/20 12:01	11/17/20 16:46	1

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Client Sample ID: EB-1

Lab Sample ID: 320-66586-7

Date Collected: 11/10/20 11:05

Matrix: Water

Date Received: 11/11/20 09:30

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.2		4.6	2.2	ng/L		11/16/20 12:01	11/17/20 16:55	1
Perfluoropentanoic acid (PFPeA)	<0.45		1.8	0.45	ng/L		11/16/20 12:01	11/17/20 16:55	1
Perfluorohexanoic acid (PFHxA)	<0.53		1.8	0.53	ng/L		11/16/20 12:01	11/17/20 16:55	1
Perfluoroheptanoic acid (PFHpA)	<0.23		1.8	0.23	ng/L		11/16/20 12:01	11/17/20 16:55	1
Perfluorooctanoic acid (PFOA)	<0.78		1.8	0.78	ng/L		11/16/20 12:01	11/17/20 16:55	1
Perfluorononanoic acid (PFNA)	<0.25		1.8	0.25	ng/L		11/16/20 12:01	11/17/20 16:55	1
Perfluorodecanoic acid (PFDA)	<0.28		1.8	0.28	ng/L		11/16/20 12:01	11/17/20 16:55	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.8	1.0	ng/L		11/16/20 12:01	11/17/20 16:55	1
Perfluorododecanoic acid (PFDoA)	<0.50		1.8	0.50	ng/L		11/16/20 12:01	11/17/20 16:55	1
Perfluorotridecanoic acid (PFTriA)	<1.2		1.8	1.2	ng/L		11/16/20 12:01	11/17/20 16:55	1
Perfluorotetradecanoic acid (PFTeA)	<0.67		1.8	0.67	ng/L		11/16/20 12:01	11/17/20 16:55	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.82		1.8	0.82	ng/L		11/16/20 12:01	11/17/20 16:55	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.86		1.8	0.86	ng/L		11/16/20 12:01	11/17/20 16:55	1
Perfluorobutanesulfonic acid (PFBS)	<0.18		1.8	0.18	ng/L		11/16/20 12:01	11/17/20 16:55	1
Perfluoropentanesulfonic acid (PFPeS)	<0.27		1.8	0.27	ng/L		11/16/20 12:01	11/17/20 16:55	1
Perfluorohexanesulfonic acid (PFHxS)	<0.52		1.8	0.52	ng/L		11/16/20 12:01	11/17/20 16:55	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.17		1.8	0.17	ng/L		11/16/20 12:01	11/17/20 16:55	1
Perfluorooctanesulfonic acid (PFOS)	<0.49		1.8	0.49	ng/L		11/16/20 12:01	11/17/20 16:55	1
Perfluorononanesulfonic acid (PFNS)	<0.34		1.8	0.34	ng/L		11/16/20 12:01	11/17/20 16:55	1
Perfluorodecanesulfonic acid (PFDS)	<0.29		1.8	0.29	ng/L		11/16/20 12:01	11/17/20 16:55	1
Perfluorododecanesulfonic acid (PFDoS)	<0.89		1.8	0.89	ng/L		11/16/20 12:01	11/17/20 16:55	1
Perfluorooctanesulfonamide (FOSA)	<0.90		1.8	0.90	ng/L		11/16/20 12:01	11/17/20 16:55	1
NEtFOSA	<0.80		1.8	0.80	ng/L		11/16/20 12:01	11/17/20 16:55	1
NMeFOSA	<0.39		1.8	0.39	ng/L		11/16/20 12:01	11/17/20 16:55	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<1.1		4.6	1.1	ng/L		11/16/20 12:01	11/17/20 16:55	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<1.2		4.6	1.2	ng/L		11/16/20 12:01	11/17/20 16:55	1
NMeFOSE	<1.3		3.7	1.3	ng/L		11/16/20 12:01	11/17/20 16:55	1
NEtFOSE	<0.78		1.8	0.78	ng/L		11/16/20 12:01	11/17/20 16:55	1
4:2 FTS	<0.22		1.8	0.22	ng/L		11/16/20 12:01	11/17/20 16:55	1
6:2 FTS	<2.3		4.6	2.3	ng/L		11/16/20 12:01	11/17/20 16:55	1
8:2 FTS	<0.42		1.8	0.42	ng/L		11/16/20 12:01	11/17/20 16:55	1
10:2 FTS	<0.61		1.8	0.61	ng/L		11/16/20 12:01	11/17/20 16:55	1
DONA	<0.37		1.8	0.37	ng/L		11/16/20 12:01	11/17/20 16:55	1
HFPO-DA (GenX)	<1.4		3.7	1.4	ng/L		11/16/20 12:01	11/17/20 16:55	1
F-53B Major	<0.22		1.8	0.22	ng/L		11/16/20 12:01	11/17/20 16:55	1
F-53B Minor	<0.29		1.8	0.29	ng/L		11/16/20 12:01	11/17/20 16:55	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	86		25 - 150				11/16/20 12:01	11/17/20 16:55	1
13C5 PFPeA	84		25 - 150				11/16/20 12:01	11/17/20 16:55	1
13C2 PFHxA	79		25 - 150				11/16/20 12:01	11/17/20 16:55	1
13C4 PFHpA	76		25 - 150				11/16/20 12:01	11/17/20 16:55	1
13C4 PFOA	80		25 - 150				11/16/20 12:01	11/17/20 16:55	1
13C5 PFNA	69		25 - 150				11/16/20 12:01	11/17/20 16:55	1
13C2 PFDA	70		25 - 150				11/16/20 12:01	11/17/20 16:55	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Client Sample ID: EB-1

Lab Sample ID: 320-66586-7

Date Collected: 11/10/20 11:05

Matrix: Water

Date Received: 11/11/20 09:30

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C2 PFluA	68		25 - 150	11/16/20 12:01	11/17/20 16:55	1
13C2 PFlDoA	63		25 - 150	11/16/20 12:01	11/17/20 16:55	1
13C2 PFlTeDA	62		25 - 150	11/16/20 12:01	11/17/20 16:55	1
13C2 PFlHxDA	66		25 - 150	11/16/20 12:01	11/17/20 16:55	1
13C3 PFlBS	80		25 - 150	11/16/20 12:01	11/17/20 16:55	1
18O2 PFlHxS	86		25 - 150	11/16/20 12:01	11/17/20 16:55	1
13C4 PFlOS	84		25 - 150	11/16/20 12:01	11/17/20 16:55	1
13C8 FOSA	73		25 - 150	11/16/20 12:01	11/17/20 16:55	1
d3-NMeFOSAA	72		25 - 150	11/16/20 12:01	11/17/20 16:55	1
d5-NEtFOSAA	72		25 - 150	11/16/20 12:01	11/17/20 16:55	1
d-N-MeFOSA-M	54		20 - 150	11/16/20 12:01	11/17/20 16:55	1
d-N-EtFOSA-M	45		20 - 150	11/16/20 12:01	11/17/20 16:55	1
d7-N-MeFOSE-M	24		10 - 120	11/16/20 12:01	11/17/20 16:55	1
d9-N-EtFOSE-M	22		10 - 120	11/16/20 12:01	11/17/20 16:55	1
M2-4:2 FTS	118		25 - 150	11/16/20 12:01	11/17/20 16:55	1
M2-6:2 FTS	99		25 - 150	11/16/20 12:01	11/17/20 16:55	1
M2-8:2 FTS	87		25 - 150	11/16/20 12:01	11/17/20 16:55	1
13C3 HFPO-DA	74		25 - 150	11/16/20 12:01	11/17/20 16:55	1

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Client Sample ID: TB-WATER

Lab Sample ID: 320-66586-8

Date Collected: 11/10/20 00:00

Matrix: Water

Date Received: 11/11/20 09:30

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.9		6.0	2.9	ng/L		11/16/20 12:01	11/17/20 17:22	1
Perfluoropentanoic acid (PFPeA)	<0.59		2.4	0.59	ng/L		11/16/20 12:01	11/17/20 17:22	1
Perfluorohexanoic acid (PFHxA)	<0.69		2.4	0.69	ng/L		11/16/20 12:01	11/17/20 17:22	1
Perfluoroheptanoic acid (PFHpA)	<0.30		2.4	0.30	ng/L		11/16/20 12:01	11/17/20 17:22	1
Perfluorooctanoic acid (PFOA)	<1.0		2.4	1.0	ng/L		11/16/20 12:01	11/17/20 17:22	1
Perfluorononanoic acid (PFNA)	<0.32		2.4	0.32	ng/L		11/16/20 12:01	11/17/20 17:22	1
Perfluorodecanoic acid (PFDA)	<0.37		2.4	0.37	ng/L		11/16/20 12:01	11/17/20 17:22	1
Perfluoroundecanoic acid (PFUnA)	<1.3		2.4	1.3	ng/L		11/16/20 12:01	11/17/20 17:22	1
Perfluorododecanoic acid (PFDoA)	<0.66		2.4	0.66	ng/L		11/16/20 12:01	11/17/20 17:22	1
Perfluorotridecanoic acid (PFTriA)	<1.6		2.4	1.6	ng/L		11/16/20 12:01	11/17/20 17:22	1
Perfluorotetradecanoic acid (PFTeA)	<0.87		2.4	0.87	ng/L		11/16/20 12:01	11/17/20 17:22	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<1.1		2.4	1.1	ng/L		11/16/20 12:01	11/17/20 17:22	1
Perfluoro-n-octadecanoic acid (PFODA)	<1.1		2.4	1.1	ng/L		11/16/20 12:01	11/17/20 17:22	1
Perfluorobutanesulfonic acid (PFBS)	<0.24		2.4	0.24	ng/L		11/16/20 12:01	11/17/20 17:22	1
Perfluoropentanesulfonic acid (PFPeS)	<0.36		2.4	0.36	ng/L		11/16/20 12:01	11/17/20 17:22	1
Perfluorohexanesulfonic acid (PFHxS)	<0.68		2.4	0.68	ng/L		11/16/20 12:01	11/17/20 17:22	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.23		2.4	0.23	ng/L		11/16/20 12:01	11/17/20 17:22	1
Perfluorooctanesulfonic acid (PFOS)	<0.65		2.4	0.65	ng/L		11/16/20 12:01	11/17/20 17:22	1
Perfluorononanesulfonic acid (PFNS)	<0.44		2.4	0.44	ng/L		11/16/20 12:01	11/17/20 17:22	1
Perfluorodecanesulfonic acid (PFDS)	<0.38		2.4	0.38	ng/L		11/16/20 12:01	11/17/20 17:22	1
Perfluorododecanesulfonic acid (PFDoS)	<1.2		2.4	1.2	ng/L		11/16/20 12:01	11/17/20 17:22	1
Perfluorooctanesulfonamide (FOSA)	<1.2		2.4	1.2	ng/L		11/16/20 12:01	11/17/20 17:22	1
NEtFOSA	<1.0		2.4	1.0	ng/L		11/16/20 12:01	11/17/20 17:22	1
NMeFOSA	<0.51		2.4	0.51	ng/L		11/16/20 12:01	11/17/20 17:22	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<1.4		6.0	1.4	ng/L		11/16/20 12:01	11/17/20 17:22	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<1.6		6.0	1.6	ng/L		11/16/20 12:01	11/17/20 17:22	1
NMeFOSE	<1.7		4.8	1.7	ng/L		11/16/20 12:01	11/17/20 17:22	1
NEtFOSE	<1.0		2.4	1.0	ng/L		11/16/20 12:01	11/17/20 17:22	1
4:2 FTS	<0.29		2.4	0.29	ng/L		11/16/20 12:01	11/17/20 17:22	1
6:2 FTS	<3.0		6.0	3.0	ng/L		11/16/20 12:01	11/17/20 17:22	1
8:2 FTS	<0.55		2.4	0.55	ng/L		11/16/20 12:01	11/17/20 17:22	1
10:2 FTS	<0.80		2.4	0.80	ng/L		11/16/20 12:01	11/17/20 17:22	1
DONA	<0.48		2.4	0.48	ng/L		11/16/20 12:01	11/17/20 17:22	1
HFPO-DA (GenX)	<1.8		4.8	1.8	ng/L		11/16/20 12:01	11/17/20 17:22	1
F-53B Major	<0.29		2.4	0.29	ng/L		11/16/20 12:01	11/17/20 17:22	1
F-53B Minor	<0.38		2.4	0.38	ng/L		11/16/20 12:01	11/17/20 17:22	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	102		25 - 150	11/16/20 12:01	11/17/20 17:22	1
13C5 PFPeA	97		25 - 150	11/16/20 12:01	11/17/20 17:22	1
13C2 PFHxA	94		25 - 150	11/16/20 12:01	11/17/20 17:22	1
13C4 PFHpA	90		25 - 150	11/16/20 12:01	11/17/20 17:22	1
13C4 PFOA	96		25 - 150	11/16/20 12:01	11/17/20 17:22	1
13C5 PFNA	87		25 - 150	11/16/20 12:01	11/17/20 17:22	1
13C2 PFDA	86		25 - 150	11/16/20 12:01	11/17/20 17:22	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Client Sample ID: TB-WATER

Lab Sample ID: 320-66586-8

Date Collected: 11/10/20 00:00

Matrix: Water

Date Received: 11/11/20 09:30

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C2 PFUnA	83		25 - 150	11/16/20 12:01	11/17/20 17:22	1
13C2 PFDoA	83		25 - 150	11/16/20 12:01	11/17/20 17:22	1
13C2 PFTeDA	80		25 - 150	11/16/20 12:01	11/17/20 17:22	1
13C2 PFHxDA	89		25 - 150	11/16/20 12:01	11/17/20 17:22	1
13C3 PFBS	92		25 - 150	11/16/20 12:01	11/17/20 17:22	1
18O2 PFHxS	100		25 - 150	11/16/20 12:01	11/17/20 17:22	1
13C4 PFOS	100		25 - 150	11/16/20 12:01	11/17/20 17:22	1
13C8 FOSA	91		25 - 150	11/16/20 12:01	11/17/20 17:22	1
d3-NMeFOSAA	87		25 - 150	11/16/20 12:01	11/17/20 17:22	1
d5-NEtFOSAA	88		25 - 150	11/16/20 12:01	11/17/20 17:22	1
d-N-MeFOSA-M	41		20 - 150	11/16/20 12:01	11/17/20 17:22	1
d-N-EtFOSA-M	33		20 - 150	11/16/20 12:01	11/17/20 17:22	1
d7-N-MeFOSE-M	15		10 - 120	11/16/20 12:01	11/17/20 17:22	1
d9-N-EtFOSE-M	15		10 - 120	11/16/20 12:01	11/17/20 17:22	1
M2-4:2 FTS	129		25 - 150	11/16/20 12:01	11/17/20 17:22	1
M2-6:2 FTS	116		25 - 150	11/16/20 12:01	11/17/20 17:22	1
M2-8:2 FTS	104		25 - 150	11/16/20 12:01	11/17/20 17:22	1
13C3 HFPO-DA	92		25 - 150	11/16/20 12:01	11/17/20 17:22	1

Isotope Dilution Summary

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (25-150)	PFPeA (25-150)	PFHxA (25-150)	C4PFHA (25-150)	PFOA (25-150)	PFNA (25-150)	PFDA (25-150)	PFUnA (25-150)
320-66586-1	W-44	76	87	89	89	98	91	77	71
320-66586-2	W-45	65	67	64	62	60	53	53	45
320-66586-2 - DL	W-45								
320-66586-3	W-49	68	70	71	70	70	64	61	58
320-66586-4	W-50	78	73	72	71	73	67	67	59
320-66586-5	W-8R	70	78	71	69	71	61	57	52
320-66586-6	FB-1	81	84	79	75	76	69	68	69
320-66586-7	EB-1	86	84	79	76	80	69	70	68
320-66586-8	TB-WATER	102	97	94	90	96	87	86	83
LCS 320-432163/2-A	Lab Control Sample	95	90	91	84	88	77	80	77
MB 320-432163/1-A	Method Blank	109	106	98	101	102	87	91	91

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFDoA (25-150)	PFTDA (25-150)	PFHxDA (25-150)	C3PFBS (25-150)	PFHxS (25-150)	PFOS (25-150)	PFOSA (25-150)	d3NMFS (25-150)
320-66586-1	W-44	62	67	76	91	94	89	81	72
320-66586-2	W-45	40	44	44	64	66	62	57	45
320-66586-2 - DL	W-45						58		
320-66586-3	W-49	46	50	66	75	76	74	67	54
320-66586-4	W-50	49	54	62	75	81	74	69	62
320-66586-5	W-8R	47	55	61	69	73	69	66	54
320-66586-6	FB-1	64	67	69	78	84	82	76	72
320-66586-7	EB-1	63	62	66	80	86	84	73	72
320-66586-8	TB-WATER	83	80	89	92	100	100	91	87
LCS 320-432163/2-A	Lab Control Sample	78	76	81	93	92	95	87	75
MB 320-432163/1-A	Method Blank	83	92	90	100	108	111	97	86

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	d5NEFOS (25-150)	dMeFOSA (20-150)	dEtFOSA (20-150)	NMFM (10-120)	NEFM (10-120)	M242FTS (25-150)	M262FTS (25-150)	M282FTS (25-150)
320-66586-1	W-44	79	45	34	25	23	105	119	90
320-66586-2	W-45	43	23	20	12	11	80	83	62
320-66586-2 - DL	W-45								
320-66586-3	W-49	56	32	28	22	19	91	91	80
320-66586-4	W-50	64	52	47	27	27	108	100	81
320-66586-5	W-8R	56	33	27	20	18	85	84	68
320-66586-6	FB-1	78	44	34	18	18	103	93	83
320-66586-7	EB-1	72	54	45	24	22	118	99	87
320-66586-8	TB-WATER	88	41	33	15	15	129	116	104
LCS 320-432163/2-A	Lab Control Sample	76	54	42	20	19	106	104	104
MB 320-432163/1-A	Method Blank	92	66	46	22	18	135	130	124

		HFPODA (25-150)
Lab Sample ID	Client Sample ID	(25-150)
320-66586-1	W-44	85
320-66586-2	W-45	61
320-66586-2 - DL	W-45	
320-66586-3	W-49	70
320-66586-4	W-50	68
320-66586-5	W-8R	65
320-66586-6	FB-1	73

Eurofins TestAmerica, Sacramento

Isotope Dilution Summary

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	HFPODA (25-150)
320-66586-7	EB-1	74
320-66586-8	TB-WATER	92
LCS 320-432163/2-A	Lab Control Sample	85
MB 320-432163/1-A	Method Blank	95

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
PFHxA = 13C2 PFHxA
C4PFHA = 13C4 PFHpA
PFOA = 13C4 PFOA
PFNA = 13C5 PFNA
PFDA = 13C2 PFDA
PFUnA = 13C2 PFUnA
PFDoA = 13C2 PFDoA
PFTDA = 13C2 PFTeDA
PFHxDA = 13C2 PFHxDA
C3PFBS = 13C3 PFBS
PFHxS = 18O2 PFHxS
PFOS = 13C4 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
dMeFOSA = d-N-MeFOSA-M
dEtFOSA = d-N-EtFOSA-M
NMFm = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
M242FTS = M2-4:2 FTS
M262FTS = M2-6:2 FTS
M282FTS = M2-8:2 FTS
HFPODA = 13C3 HFPO-DA

QC Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-432163/1-A
Matrix: Water
Analysis Batch: 432568

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432163

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorobutanoic acid (PFBA)	<2.4		5.0	2.4	ng/L		11/16/20 12:01	11/17/20 15:33	1
Perfluoropentanoic acid (PFPeA)	<0.49		2.0	0.49	ng/L		11/16/20 12:01	11/17/20 15:33	1
Perfluorohexanoic acid (PFHxA)	<0.58		2.0	0.58	ng/L		11/16/20 12:01	11/17/20 15:33	1
Perfluoroheptanoic acid (PFHpA)	<0.25		2.0	0.25	ng/L		11/16/20 12:01	11/17/20 15:33	1
Perfluorooctanoic acid (PFOA)	<0.85		2.0	0.85	ng/L		11/16/20 12:01	11/17/20 15:33	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		11/16/20 12:01	11/17/20 15:33	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		11/16/20 12:01	11/17/20 15:33	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		11/16/20 12:01	11/17/20 15:33	1
Perfluorododecanoic acid (PFDoA)	<0.55		2.0	0.55	ng/L		11/16/20 12:01	11/17/20 15:33	1
Perfluorotridecanoic acid (PFTriA)	<1.3		2.0	1.3	ng/L		11/16/20 12:01	11/17/20 15:33	1
Perfluorotetradecanoic acid (PFTeA)	<0.73		2.0	0.73	ng/L		11/16/20 12:01	11/17/20 15:33	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.89		2.0	0.89	ng/L		11/16/20 12:01	11/17/20 15:33	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.94		2.0	0.94	ng/L		11/16/20 12:01	11/17/20 15:33	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		11/16/20 12:01	11/17/20 15:33	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		11/16/20 12:01	11/17/20 15:33	1
Perfluorohexanesulfonic acid (PFHxS)	<0.57		2.0	0.57	ng/L		11/16/20 12:01	11/17/20 15:33	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.19		2.0	0.19	ng/L		11/16/20 12:01	11/17/20 15:33	1
Perfluorooctanesulfonic acid (PFOS)	<0.54		2.0	0.54	ng/L		11/16/20 12:01	11/17/20 15:33	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		11/16/20 12:01	11/17/20 15:33	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		11/16/20 12:01	11/17/20 15:33	1
Perfluorododecanesulfonic acid (PFDoS)	<0.97		2.0	0.97	ng/L		11/16/20 12:01	11/17/20 15:33	1
Perfluorooctanesulfonamide (FOSA)	<0.98		2.0	0.98	ng/L		11/16/20 12:01	11/17/20 15:33	1
NEtFOSA	<0.87		2.0	0.87	ng/L		11/16/20 12:01	11/17/20 15:33	1
NMeFOSA	<0.43		2.0	0.43	ng/L		11/16/20 12:01	11/17/20 15:33	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<1.2		5.0	1.2	ng/L		11/16/20 12:01	11/17/20 15:33	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<1.3		5.0	1.3	ng/L		11/16/20 12:01	11/17/20 15:33	1
NMeFOSE	<1.4		4.0	1.4	ng/L		11/16/20 12:01	11/17/20 15:33	1
NEtFOSE	<0.85		2.0	0.85	ng/L		11/16/20 12:01	11/17/20 15:33	1
4:2 FTS	<0.24		2.0	0.24	ng/L		11/16/20 12:01	11/17/20 15:33	1
6:2 FTS	<2.5		5.0	2.5	ng/L		11/16/20 12:01	11/17/20 15:33	1
8:2 FTS	<0.46		2.0	0.46	ng/L		11/16/20 12:01	11/17/20 15:33	1
10:2 FTS	<0.67		2.0	0.67	ng/L		11/16/20 12:01	11/17/20 15:33	1
DONA	<0.40		2.0	0.40	ng/L		11/16/20 12:01	11/17/20 15:33	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		11/16/20 12:01	11/17/20 15:33	1
F-53B Major	<0.24		2.0	0.24	ng/L		11/16/20 12:01	11/17/20 15:33	1
F-53B Minor	<0.32		2.0	0.32	ng/L		11/16/20 12:01	11/17/20 15:33	1
	MB	MB							
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	109		25 - 150				11/16/20 12:01	11/17/20 15:33	1
13C5 PFPeA	106		25 - 150				11/16/20 12:01	11/17/20 15:33	1
13C2 PFHxA	98		25 - 150				11/16/20 12:01	11/17/20 15:33	1
13C4 PFHpA	101		25 - 150				11/16/20 12:01	11/17/20 15:33	1
13C4 PFOA	102		25 - 150				11/16/20 12:01	11/17/20 15:33	1

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QC Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: MB 320-432163/1-A
Matrix: Water
Analysis Batch: 432568

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432163

Isotope Dilution	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C5 PFNA	87		25 - 150	11/16/20 12:01	11/17/20 15:33	1
13C2 PFDA	91		25 - 150	11/16/20 12:01	11/17/20 15:33	1
13C2 PFUnA	91		25 - 150	11/16/20 12:01	11/17/20 15:33	1
13C2 PFDoA	83		25 - 150	11/16/20 12:01	11/17/20 15:33	1
13C2 PFTeDA	92		25 - 150	11/16/20 12:01	11/17/20 15:33	1
13C2 PFHxDA	90		25 - 150	11/16/20 12:01	11/17/20 15:33	1
13C3 PFBS	100		25 - 150	11/16/20 12:01	11/17/20 15:33	1
18O2 PFHxS	108		25 - 150	11/16/20 12:01	11/17/20 15:33	1
13C4 PFOS	111		25 - 150	11/16/20 12:01	11/17/20 15:33	1
13C8 FOSA	97		25 - 150	11/16/20 12:01	11/17/20 15:33	1
d3-NMeFOSAA	86		25 - 150	11/16/20 12:01	11/17/20 15:33	1
d5-NEtFOSAA	92		25 - 150	11/16/20 12:01	11/17/20 15:33	1
d-N-MeFOSA-M	66		20 - 150	11/16/20 12:01	11/17/20 15:33	1
d-N-EtFOSA-M	46		20 - 150	11/16/20 12:01	11/17/20 15:33	1
d7-N-MeFOSE-M	22		10 - 120	11/16/20 12:01	11/17/20 15:33	1
d9-N-EtFOSE-M	18		10 - 120	11/16/20 12:01	11/17/20 15:33	1
M2-4:2 FTS	135		25 - 150	11/16/20 12:01	11/17/20 15:33	1
M2-6:2 FTS	130		25 - 150	11/16/20 12:01	11/17/20 15:33	1
M2-8:2 FTS	124		25 - 150	11/16/20 12:01	11/17/20 15:33	1
13C3 HFPO-DA	95		25 - 150	11/16/20 12:01	11/17/20 15:33	1

Lab Sample ID: LCS 320-432163/2-A
Matrix: Water
Analysis Batch: 432568

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432163

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	Limits
Perfluoropentanoic acid (PFPeA)	40.0	42.0		ng/L		105	71 - 131	
Perfluorohexanoic acid (PFHxA)	40.0	39.1		ng/L		98	73 - 133	
Perfluoroheptanoic acid (PFHpA)	40.0	42.6		ng/L		107	72 - 132	
Perfluorooctanoic acid (PFOA)	40.0	39.6		ng/L		99	70 - 130	
Perfluorononanoic acid (PFNA)	40.0	48.2		ng/L		120	75 - 135	
Perfluorodecanoic acid (PFDA)	40.0	44.5		ng/L		111	76 - 136	
Perfluoroundecanoic acid (PFUnA)	40.0	50.1		ng/L		125	68 - 128	
Perfluorododecanoic acid (PFDoA)	40.0	44.2		ng/L		111	71 - 131	
Perfluorotridecanoic acid (PFTriA)	40.0	45.6		ng/L		114	71 - 131	
Perfluorotetradecanoic acid (PFTeA)	40.0	49.0		ng/L		123	70 - 130	
Perfluoro-n-hexadecanoic acid (PFHxDA)	40.0	41.9		ng/L		105	76 - 136	
Perfluoro-n-octadecanoic acid (PFODA)	40.0	48.0		ng/L		120	58 - 145	
Perfluorobutanesulfonic acid (PFBS)	35.4	35.5		ng/L		100	67 - 127	
Perfluoropentanesulfonic acid (PFPeS)	37.5	41.1		ng/L		110	66 - 126	
Perfluorohexanesulfonic acid (PFHxS)	36.4	36.5		ng/L		100	59 - 119	

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-432163/2-A
Matrix: Water
Analysis Batch: 432568

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432163

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	41.0		ng/L		108	76 - 136
Perfluorooctanesulfonic acid (PFOS)	37.1	39.6		ng/L		107	70 - 130
Perfluorononanesulfonic acid (PFNS)	38.4	36.5		ng/L		95	75 - 135
Perfluorodecanesulfonic acid (PFDS)	38.6	32.9		ng/L		85	71 - 131
Perfluorododecanesulfonic acid (PFDoS)	38.7	32.8		ng/L		85	67 - 127
Perfluorooctanesulfonamide (FOSA)	40.0	42.0		ng/L		105	73 - 133
NMeFOSA	40.0	42.7		ng/L		107	67 - 154
N-methylperfluorooctanesulfonamide doacetic acid (NMeFOSAA)	40.0	45.6		ng/L		114	76 - 136
N-ethylperfluorooctanesulfonamide doacetic acid (NEtFOSAA)	40.0	46.3		ng/L		116	76 - 136
NMeFOSE	40.0	42.1		ng/L		105	70 - 130
NEtFOSE	40.0	39.7		ng/L		99	71 - 131
4:2 FTS	37.4	39.7		ng/L		106	79 - 139
6:2 FTS	37.9	33.6		ng/L		89	59 - 175
8:2 FTS	38.3	37.4		ng/L		97	75 - 135
10:2 FTS	38.6	36.8		ng/L		95	64 - 142
DONA	37.7	36.9		ng/L		98	79 - 139
HFPO-DA (GenX)	40.0	41.5		ng/L		104	51 - 173
F-53B Major	37.3	35.4		ng/L		95	75 - 135
F-53B Minor	37.7	35.0		ng/L		93	54 - 114

Isotope Dilution	LCS LCS		Limits
	%Recovery	Qualifier	
13C4 PFBA	95		25 - 150
13C5 PFPeA	90		25 - 150
13C2 PFHxA	91		25 - 150
13C4 PFHpA	84		25 - 150
13C4 PFOA	88		25 - 150
13C5 PFNA	77		25 - 150
13C2 PFDA	80		25 - 150
13C2 PFUnA	77		25 - 150
13C2 PFDoA	78		25 - 150
13C2 PFTeDA	76		25 - 150
13C2 PFHxDA	81		25 - 150
13C3 PFBS	93		25 - 150
18O2 PFHxS	92		25 - 150
13C4 PFOS	95		25 - 150
13C8 FOSA	87		25 - 150
d3-NMeFOSAA	75		25 - 150
d5-NEtFOSAA	76		25 - 150
d-N-MeFOSA-M	54		20 - 150
d-N-EtFOSA-M	42		20 - 150
d7-N-MeFOSE-M	20		10 - 120
d9-N-EtFOSE-M	19		10 - 120
M2-4:2 FTS	106		25 - 150

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-432163/2-A

Matrix: Water

Analysis Batch: 432568

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 432163

<i>Isotope Dilution</i>	<i>LCS LCS</i>		<i>Limits</i>
	<i>%Recovery</i>	<i>Qualifier</i>	
<i>M2-6:2 FTS</i>	104		25 - 150
<i>M2-8:2 FTS</i>	104		25 - 150
<i>13C3 HFPO-DA</i>	85		25 - 150

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QC Association Summary

Client: Endpoint Solutions Corp
 Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

LCMS

Prep Batch: 432163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-66586-1	W-44	Total/NA	Water	3535	
320-66586-2 - DL	W-45	Total/NA	Water	3535	
320-66586-2	W-45	Total/NA	Water	3535	
320-66586-3	W-49	Total/NA	Water	3535	
320-66586-4	W-50	Total/NA	Water	3535	
320-66586-5	W-8R	Total/NA	Water	3535	
320-66586-6	FB-1	Total/NA	Water	3535	
320-66586-7	EB-1	Total/NA	Water	3535	
320-66586-8	TB-WATER	Total/NA	Water	3535	
MB 320-432163/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-432163/2-A	Lab Control Sample	Total/NA	Water	3535	

Analysis Batch: 432568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-66586-2	W-45	Total/NA	Water	537 (modified)	432163
320-66586-3	W-49	Total/NA	Water	537 (modified)	432163
320-66586-4	W-50	Total/NA	Water	537 (modified)	432163
320-66586-5	W-8R	Total/NA	Water	537 (modified)	432163
320-66586-6	FB-1	Total/NA	Water	537 (modified)	432163
320-66586-7	EB-1	Total/NA	Water	537 (modified)	432163
320-66586-8	TB-WATER	Total/NA	Water	537 (modified)	432163
MB 320-432163/1-A	Method Blank	Total/NA	Water	537 (modified)	432163
LCS 320-432163/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	432163

Analysis Batch: 433526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-66586-1	W-44	Total/NA	Water	537 (modified)	432163
320-66586-2 - DL	W-45	Total/NA	Water	537 (modified)	432163

Lab Chronicle

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Client Sample ID: W-44
Date Collected: 11/10/20 11:15
Date Received: 11/11/20 09:30

Lab Sample ID: 320-66586-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			282.5 mL	10.00 mL	432163	11/16/20 12:01	LA	TAL SAC
Total/NA	Analysis	537 (modified)		1			433526	11/19/20 02:37	S1M	TAL SAC

Client Sample ID: W-45
Date Collected: 11/10/20 11:35
Date Received: 11/11/20 09:30

Lab Sample ID: 320-66586-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			277.8 mL	10.00 mL	432163	11/16/20 12:01	LA	TAL SAC
Total/NA	Analysis	537 (modified)		1			432568	11/17/20 16:09	RS1	TAL SAC
Total/NA	Prep	3535	DL		277.8 mL	10.00 mL	432163	11/16/20 12:01	LA	TAL SAC
Total/NA	Analysis	537 (modified)	DL	5			433526	11/19/20 02:46	S1M	TAL SAC

Client Sample ID: W-49
Date Collected: 11/10/20 12:30
Date Received: 11/11/20 09:30

Lab Sample ID: 320-66586-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			281.7 mL	10.00 mL	432163	11/16/20 12:01	LA	TAL SAC
Total/NA	Analysis	537 (modified)		1			432568	11/17/20 16:18	RS1	TAL SAC

Client Sample ID: W-50
Date Collected: 11/10/20 12:35
Date Received: 11/11/20 09:30

Lab Sample ID: 320-66586-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			278.2 mL	10.00 mL	432163	11/16/20 12:01	LA	TAL SAC
Total/NA	Analysis	537 (modified)		1			432568	11/17/20 16:28	RS1	TAL SAC

Client Sample ID: W-8R
Date Collected: 11/10/20 12:45
Date Received: 11/11/20 09:30

Lab Sample ID: 320-66586-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			282.6 mL	10.00 mL	432163	11/16/20 12:01	LA	TAL SAC
Total/NA	Analysis	537 (modified)		1			432568	11/17/20 16:37	RS1	TAL SAC

Client Sample ID: FB-1
Date Collected: 11/10/20 11:10
Date Received: 11/11/20 09:30

Lab Sample ID: 320-66586-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			257.7 mL	10.00 mL	432163	11/16/20 12:01	LA	TAL SAC
Total/NA	Analysis	537 (modified)		1			432568	11/17/20 16:46	RS1	TAL SAC

Lab Chronicle

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Client Sample ID: EB-1

Date Collected: 11/10/20 11:05

Date Received: 11/11/20 09:30

Lab Sample ID: 320-66586-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			273 mL	10.00 mL	432163	11/16/20 12:01	LA	TAL SAC
Total/NA	Analysis	537 (modified)		1			432568	11/17/20 16:55	RS1	TAL SAC

Client Sample ID: TB-WATER

Date Collected: 11/10/20 00:00

Date Received: 11/11/20 09:30

Lab Sample ID: 320-66586-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			209 mL	10.00 mL	432163	11/16/20 12:01	LA	TAL SAC
Total/NA	Analysis	537 (modified)		1			432568	11/17/20 17:22	RS1	TAL SAC

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Laboratory: Eurofins TestAmerica, Sacramento

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	998204680	08-31-21

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Method Summary

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	TAL SAC
3535	Solid-Phase Extraction (SPE)	SW846	TAL SAC

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600



Sample Summary

Client: Endpoint Solutions Corp
Project/Site: RETIA – Saukville, WI 341-020

Job ID: 320-66586-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
320-66586-1	W-44	Water	11/10/20 11:15	11/11/20 09:30	
320-66586-2	W-45	Water	11/10/20 11:35	11/11/20 09:30	
320-66586-3	W-49	Water	11/10/20 12:30	11/11/20 09:30	
320-66586-4	W-50	Water	11/10/20 12:35	11/11/20 09:30	
320-66586-5	W-8R	Water	11/10/20 12:45	11/11/20 09:30	
320-66586-6	FB-1	Water	11/10/20 11:10	11/11/20 09:30	
320-66586-7	EB-1	Water	11/10/20 11:05	11/11/20 09:30	
320-66586-8	TB-WATER	Water	11/10/20 00:00	11/11/20 09:30	

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Chain of Custody Record

Client Information		Lab. PM: Fredrick, Sandie		Carrier Tracking No(s):		COC No: 500-86991-39192.1																																																																																											
Mr. Tim Petrick		E-Mail: sandra.fredrick@eurofinset.com		Page 1 of 1		Job #:																																																																																											
Endpoint Solutions Corp		Due Date Requested:		Analysis Requested																																																																																													
6871 S. Lover's Lane		TAT Requested (days):																																																																																															
City: Franklin		PO #		<table border="1"> <tr> <th>Sample Identification</th> <th>Sample Date</th> <th>Sample Time</th> <th>Sample Type (C=comp, G=grab)</th> <th>Matrix (W=water, S=solid, O=soil, BT=Tissue, Air)</th> <th>Field Filtered Sample (Yes or No)</th> <th>Perform MS/MSD (Yes or No)</th> <th>PC, LDA - PFAS, Extended List (36 Analytes)</th> <th>Total Number of Containers</th> <th>Special Instructions/Note:</th> </tr> <tr> <td>W-44</td> <td>11/10/20</td> <td>1115</td> <td>G</td> <td>Water</td> <td>N</td> <td>X</td> <td></td> <td>2</td> <td></td> </tr> <tr> <td>W-45</td> <td></td> <td>1135</td> <td></td> <td>Water</td> <td>N</td> <td>X</td> <td></td> <td>2</td> <td></td> </tr> <tr> <td>W-49</td> <td></td> <td>1230</td> <td></td> <td>Water</td> <td>P</td> <td>X</td> <td></td> <td>2</td> <td></td> </tr> <tr> <td>W-50</td> <td></td> <td>1235</td> <td></td> <td>Water</td> <td>N</td> <td>X</td> <td></td> <td>2</td> <td></td> </tr> <tr> <td>W-8R</td> <td></td> <td>1245</td> <td></td> <td>Water</td> <td>N</td> <td>X</td> <td></td> <td>2</td> <td></td> </tr> <tr> <td>FB-1</td> <td></td> <td>1110</td> <td></td> <td>Water</td> <td>N</td> <td>X</td> <td></td> <td>1</td> <td></td> </tr> <tr> <td>EB-1</td> <td></td> <td>1105</td> <td></td> <td>Water</td> <td>N</td> <td>X</td> <td></td> <td>2</td> <td></td> </tr> <tr> <td>TB-WATER</td> <td></td> <td></td> <td></td> <td>Water</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=soil, BT=Tissue, Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PC, LDA - PFAS, Extended List (36 Analytes)	Total Number of Containers	Special Instructions/Note:	W-44	11/10/20	1115	G	Water	N	X		2		W-45		1135		Water	N	X		2		W-49		1230		Water	P	X		2		W-50		1235		Water	N	X		2		W-8R		1245		Water	N	X		2		FB-1		1110		Water	N	X		1		EB-1		1105		Water	N	X		2		TB-WATER				Water	X				
Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)					Matrix (W=water, S=solid, O=soil, BT=Tissue, Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PC, LDA - PFAS, Extended List (36 Analytes)	Total Number of Containers	Special Instructions/Note:																																																																																				
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EB-1		1105		Water	N	X		2																																																																																									
TB-WATER				Water	X																																																																																												
Address: 414-427-1200(Tel)		Purchase Order not required		 <p>320-66586 Chain of Custody</p>																																																																																													
City: WI 53132		WO #:																																																																																															
Phone: 50018271		Project #:		<p>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</p> <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months																																																																																													
Email: tim@endpointcorporation.com		SSO #:																																																																																															
Project Name: RETIA - Saukville, WI 341-020		Site:		<p>Special Instructions/QC Requirements:</p>																																																																																													
Site:																																																																																																	
<p>Possible Hazard Identification</p> <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		<p>Empty Kit Relinquished by:</p> <p>Relinquished by: <i>[Signature]</i> Date: 11/10/20 230</p> <p>Relinquished by: <i>[Signature]</i> Date: 11-10-20 1700</p>		<p>Received by: <i>[Signature]</i> Date/Time: 11-10-20 1600 Company: TA</p> <p>Reviewed by: <i>[Signature]</i> Date/Time: 11 Nov 20 0930 Company: EIAWSc</p> <p>Revised by: <i>[Signature]</i> Date/Time: 11/10/20 0930 Company: EIAWSc</p>																																																																																													
<p>Deliverable Requested: I, II, III, IV, Other (specify)</p>		<p>Custody Seals Intact: A Yes A No</p> <p>Custody Seal No.: 969663</p>		<p>Cooler Temperature(s): °C and Other Remarks: 1.1°C / 0.9°C</p>																																																																																													

NO TIME AS 11/11/20



Login Sample Receipt Checklist

Client: Endpoint Solutions Corp

Job Number: 320-66586-1

Login Number: 66586

List Source: Eurofins TestAmerica, Sacramento

List Number: 1

Creator: Nelson, Kym D

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	969663
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Endpoint Solutions

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Franklin, Wisconsin 53132
Phone: 414-427-1200
Fax: 414-427-1259

www.endpointcorporation.com