



AECOM
1555 N. RiverCenter Drive, Suite 214
Milwaukee, WI 53212

414.944.6080 tel
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Letter of Transmittal

Attention:	Mr. Matt Thompson, WDNR Eau Claire Service Center 1300 W Clairemont Ave, Eau Claire, WI 54701	Date:	1/16/2025
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Project reference:	Chippewa Valley Regional Airport PFAS BRRTS No. 02-09-588115	Project number:	60733686
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We are sending you the following:

Number of originals:	Number of copies:	Description:
One	Zero	Sample Results Notification

Mr. Thompson,

Attached is the Sample Results Notification for draft source area soil sampling associated with the November 2024 sampling for Per- and Polyfluoroalkyl Substances (PFAS) at the Chippewa Valley Regional Airport, Eau Claire Wisconsin.

Please let me know if you have any questions.

Thank you.

David Henderson, P.E.
Senior Project Manager
C 414.429.8304, dave.henderson@aecom.com

Cc: Charity Zich, Airport Director, Chippewa Valley Regional Airport

Attachments:

- WDNR Form 4400-249
- Figure W – Draft Soil Results AFFF Testing (AMW-03) AOC
- Table W – Draft AMW-03 Source Area Soil Results
- Figure X – Draft Soil Results Live Fire Training Area #2 (AMW-05)
- Table X – Draft AMW-05 Source Area Soil Results
- Laboratory Reports:
 - 2411163 Soil Lab Report

Notice: This form may be used to comply with the requirements of s. NR 716.14 (2), Wis. Adm. Code; however, use of this form is not required. An alternate format may be used. The rule requires that notification be provided to 1) property owners when someone else is conducting the sampling, 2) to occupants of property belonging to the responsible person, and 3) to owners and occupants of property that does not belong to the responsible person but has been affected by contamination arising on his or her property. Notification is required within 10 business days of receiving the sample results. Personal information collected will be used for program administration and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

NOTE: Under s. NR 716.14, Wis. Adm. Code, the responsible party must also submit sample results and other required information to the DNR. We recommend that copies of the sample results notifications be included with that submittal, along with all attachments. Using the same format used for data presentation for a closure request may be helpful to all parties. See s. NR 716.14, Wis. Adm. Code for the full list of information to be submitted to the DNR.

Notification of Property Owners and Occupants:

This notification form has been provided to you in order to provide the results of environmental sampling that has been conducted on property that you own or occupy. Samples were collected in accordance with the methods identified in the site investigation work plan, in accordance with s. NR. 716.09 and 716.13, Wis. Adm. Code. This sampling was conducted as a result of contamination originating at the following location.

Site Information			
Site Name		DNR ID # (BRRTS #)	
Chippewa Valley Regional Airport		02-18-588115	
Address	City	State	ZIP Code
3800 Starr Avenue	Eau Claire	WI	54703

Responsible Party

The person(s) responsible for completing this environmental investigation is:

Property Owner

Eau Claire County and operated the Chippewa Valley Regional Airport Commission

Address	City	State	ZIP Code
3800 Starr Ave	Eau Claire	WI	54703
Contact Person	Phone Number (include area code)		
Charity Zich	(715) 839-6241		
Person or company that collected samples			

AECOM

Sample Results (Results Attached)

Reason for Sampling: ☐ Routine ☒ Other (define) Continued SI, November 2024 PFAS Soil Sampling

The contaminants that have been identified at this time on property that you own or occupy include:

Contaminant	In Soil?		In Groundwater?	
	Yes	No	Yes	No
Gasoline	☐	☐	☐	☐
Diesel or Fuel Oil	☐	☐	☐	☐
Solvents	☐	☐	☐	☐
Heavy Metals	☐	☐	☐	☐
Pesticides	☐	☐	☐	☐
Other: <u>PFAS (Wis 33)</u>	☒	☐	☒	☐

This sampling event included sampling of a drinking water well.

☐ Yes ☒ No

If yes, the sampled drinking water well had detectable contaminants.

☐ Yes ☐ No

Contaminants in Vapor

	Yes	No
Indoor Air	☐	☒
Sub-slab	☐	☒
Exterior Soil Gas	☐	☒

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

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Attached are:

- A map that shows the locations from which samples were collected. (The map needs to meet the requirements of s. NR 716.15 (4), Wis. Adm. Code.)
- A data table with specific contaminant levels at each sample location and whether or not the sample results exceed state standards.
- A copy of the laboratory results.

You are not identified as the person that is responsible for this contamination. However, your cooperation is important. Property owners may become legally responsible for contamination if they do not allow access to the person that is responsible so that person may complete the environmental investigation and clean up activities.

Option for written exemption: You have the option of requesting a written liability exemption from the DNR for contamination that originated on another property, or on property that you lease. To do this, you must present an adequate environmental assessment of your property and pay a \$700 fee for review of this information. If you are interested in this option, please see DNR publication # RR 589, "When Contamination Crosses a Property Line - Rights and Responsibilities of Property Owners", available at: dnr.wi.gov/files/PDF/pubs/rr/rr589.pdf.

Contact Information

Please address questions regarding this notification, or requests for additional information to the contact person listed above, or to one of the following contacts:

Environmental Consultant

Company Name	Contact Person Last Name	First Name		
AECOM	Henderson	David		
Address	City	State	ZIP Code	
1555 N Rivercenter Dr Ste 214	Milwaukee	WI	53212	
Phone # (inc. area code)	Email			
(414) 429-8304	dave.henderson@aecom.com			

Select which agency: ☒ Natural Resources ☐ Agriculture, Trade and Consumer Protection

State of Wisconsin Department of Natural Resources

Contact Person Last Name	First Name	Phone # (inc. area code)		
Thompson	Matt	(715) 492-2304		
Address	City	State	ZIP Code	
1300 W Clairemont Avenue	Eau Claire	WI	54701-6127	
Email				
MatthewA.Thompson@wisconsin.gov				

C:\data\Projects\ChippewaValleyRegAPI\Mxd\FigX_SoilResultsS.mxd



DRAFT -Table W
Source Area AMW-03: Source Area
November 2024 PFAS Soil Results
Chippewa Valley Regional Airport
Eau Claire, Wisconsin

Abbr	Analyte	Cas Number	NR 720 Residual Contaminant Levels			Units	HA-B-10	HA-B-11	HA-B-12	HA-B-13	HA-B-14	HA-B-15	HA-B-16
			Non-Industrial Direct Contact	Industrial Direct Contact	Soil to Groundwater Pathway		11/18/2024	11/18/2024	11/18/2024	11/18/2024	11/18/2024	11/18/2024	11/18/2024
Carboxylic Acids:													
PFBA	Perfluorobutanoic acid	375-22-4	78,200	1,170,000	--	ng/g	< 0.331	< 0.325	< 0.326	< 0.328	< 0.322	< 0.328	< 0.331
PFPeA	Perfluoropentanoic acid	2706-90-3	--	--	--	ng/g	< 0.373	< 0.367	< 0.368	< 0.370	< 0.363	0.376 J	< 0.374
PFHxA	Perfluorohexanoic acid	307-24-4	31,600	410,000	--	ng/g	< 0.331	< 0.325	< 0.326	< 0.328	< 0.322	< 0.328	< 0.331
PFHpA	Perfluoroheptanoic acid	375-85-9	--	--	--	ng/g	< 0.377	< 0.371	< 0.372	< 0.374	< 0.367	< 0.374	< 0.378
PFOA	Perfluorooctanoic acid	335-67-1	0.019	0.078	--	ng/g	< 0.395	< 0.388	< 0.390	< 0.392	< 0.384	< 0.392	< 0.396
PFNA	Perfluorononanoic acid	375-95-1	190	2,460	--	ng/g	< 0.413	0.470 J	< 0.408	< 0.410	< 0.402	< 0.410	< 0.414
PFDA	Perfluorodecanoic acid	335-76-2	--	--	--	ng/g	< 0.401	1.27	< 0.396	< 0.398	< 0.390	< 0.398	< 0.402
PFUnA	Perfluoroundecanoic acid	2058-94-8	19,000	246,000	--	ng/g	< 0.443	< 0.436	< 0.437	< 0.440	< 0.431	< 0.440	< 0.444
PFDaA	Perfluorododecanoic acid	307-55-1	3,160	41,000	--	ng/g	< 0.579	< 0.570	< 0.572	< 0.575	< 0.564	< 0.575	< 0.580
PFTTrDA	Perfluorotridecanoic acid	72629-94-8	--	--	--	ng/g	< 0.585	< 0.576	< 0.578	< 0.581	< 0.570	< 0.581	< 0.587
PFTTeDA	Perfluorotetradecanoic acid	376-06-7	63,200	821,000	--	ng/g	< 0.315	< 0.310	< 0.311	< 0.312	< 0.306	< 0.313	< 0.315
Sulfonic Acids:													
PFBS	Perfluorobutanesulfonic acid	375-73-5	19,000	246,000	--	ng/g	< 0.481	< 0.473	< 0.475	< 0.478	< 0.468	< 0.478	< 0.482
PFPeS	Perfluoropentane Sulfonic Acid	2706-91-4	--	--	--	ng/g	< 0.483	< 0.475	< 0.477	< 0.480	< 0.470	< 0.480	< 0.484
PFHxS	Perfluorohexanesulfonic acid	355-46-4	1,260	16,400	--	ng/g	< 0.577	0.589 J	< 0.570	< 0.573	< 0.562	0.741 J	< 0.578
PFHpS	Perfluoroheptanesulfonic acid	375-92-8	--	--	--	ng/g	< 0.631	< 0.621	< 0.623	< 0.627	< 0.615	< 0.627	< 0.633
PFOS	Perfluorooctanesulfonic acid	1763-23-1	6	58	--	ng/g	1.21	7.95	< 0.677	< 0.681	< 0.668	4.44	< 0.687
PFNS	Perfluorononanesulfonic acid	68259-12-1	--	--	--	ng/g	< 0.577	< 0.568	< 0.570	< 0.573	< 0.562	< 0.573	< 0.578
PFDS	Perfluorodecanesulfonic acid	335-77-3	--	--	--	ng/g	< 0.547	< 0.538	< 0.540	< 0.543	< 0.533	< 0.543	< 0.548
PFDoS	Perfluorododecanesulfonic acid	79780-39-5	--	--	--	ng/g	< 0.473	< 0.465	< 0.467	< 0.470	< 0.461	< 0.470	< 0.474
4:2 FTS	4:2 Fluorotelomer Sulfonic Acid	757124-72-4	--	--	--	ng/g	< 0.585	< 0.576	< 0.578	< 0.581	< 0.570	< 0.581	< 0.587
6:2 FTS	6:2 Fluorotelomer sulfonic acid	27619-97-2	--	--	--	ng/g	< 0.483	< 0.475	< 0.477	< 0.480	< 0.470	< 0.480	< 0.484
8:2 FTS	8:2 Fluorotelomer sulfonic acid	39108-34-4	--	--	--	ng/g	< 0.816	0.965 J	< 0.805	< 0.810	< 0.794	< 0.810	< 0.818
Sulfonamides, Sulfomidoacetic acids, Sulfonamidoethanols:													
PFOSA	Perfluorooctane sulfonamide	754-91-6	--	--	--	ng/g	3.92	< 0.578	< 0.580	< 0.583	< 0.572	< 0.583	< 0.589
NMeFOSA	N-Methyl perfluorooctane sulfonamide	31506-32-8	--	--	--	ng/g	< 1.34	< 1.32	< 1.32	< 1.33	< 1.31	< 1.33	< 1.34
NEtFOSA	N-Ethyl perfluorooctane sulfonamide	4151-50-2	--	--	--	ng/g	< 1.04	< 1.03	< 1.03	< 1.04	< 1.02	< 1.04	< 1.05
MeFOSAA	N-Methylperfluorooctanesulfonamidoacetic acid	2355-31-9	--	--	--	ng/g	< 0.415	< 0.408	< 0.410	< 0.412	< 0.404	< 0.412	< 0.416
EtFOSAA	N-Ethylperfluorooctanesulfonamidoacetic acid	2991-50-6	--	--	--	ng/g	< 0.485	< 0.477	< 0.479	< 0.482	< 0.472	< 0.482	< 0.486
NMeFOSE	N-Methyl perfluorooctane sulfonamidoethanol	24448-09-7	--	--	--	ng/g	< 0.896	< 0.881	< 0.884	< 0.889	< 0.872	< 0.890	< 0.898
NEtFOSE	N-Ethyl perfluorooctane sulfonamidoethanol	1691-99-2	--	--	--	ng/g	< 0.862	< 0.848	< 0.851	< 0.856	< 0.839	< 0.856	< 0.864
Replacement Chemicals:													
HFPO-DA	Hexafluoropropylene oxide dimer acid	13252-13-6	235	3,500	--	ng/g	< 0.605	< 0.595	< 0.598	< 0.601	< 0.589	< 0.601	< 0.607
DONA	4,8-dioxa-3H-perfluorononanoic acid	919005-14-4	--	--	--	ng/g	< 0.349	< 0.343	< 0.344	< 0.346	< 0.340	< 0.346	< 0.350
9Cl-PF3ONS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	756426-58-1	--	--	--	ng/g	< 0.365	< 0.359	< 0.360	< 0.362	< 0.355	< 0.362	< 0.366
11Cl-PF3OUDs	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	763051-92-9	--	--	--	ng/g	< 0.930	< 0.915	< 0.918	< 0.923	< 0.906	< 0.924	< 0.932

Note:
ng/g - nanograms per pram
J - Estimated concentration.
Non-detects reported as < LOD

NR 720 Residual Contaminant Levels, per October 2024 RCL spreadsheet, WDNR.
Underline italics indicates a nonindustrial exceedance.
Bold indicates an industrial exceedance.



DRAFT -Table X
Source Area AMW-05: Live Fire Training Area
November 2024 PFAS Soil Results Chippewa
Valley Regional Airport
Eau Claire, Wisconsin

Abbr	Analyte	Cas Number	NR 720 Residual Contaminant Levels			Units	HA-A-40	HA-A-41	HA-A-42	HA-A-43	HA-A-44
			Non-Industrial Direct Contact	Industrial Direct Contact	Soil to Groundwater Pathway		11/18/2024	11/18/2024	11/18/2024	11/18/2024	11/18/2024
Carboxylic Acids:											
PFBA	Perfluorobutanoic acid	375-22-4	78,200	1,170,000	--	ng/g	< 0.317	< 0.319	< 0.324	< 0.329	< 0.325
PFPeA	Perfluoropentanoic acid	2706-90-3	--	--	--	ng/g	< 0.357	0.492	< 0.365	< 0.371	< 0.367
PFHxA	Perfluorohexanoic acid	307-24-4	31,600	410,000	--	ng/g	< 0.317	< 0.319	< 0.324	< 0.329	< 0.325
PFHpA	Perfluoroheptanoic acid	375-85-9	--	--	--	ng/g	< 0.361	< 0.363	< 0.369	< 0.375	< 0.371
PFOA	Perfluorooctanoic acid	335-67-1	0.019	0.078	--	ng/g	< 0.379	< 0.380	< 0.387	< 0.393	< 0.388
PFNA	Perfluorononanoic acid	375-95-1	190	2,460	--	ng/g	< 0.396	0.612	< 0.404	< 0.410	< 0.406
PFDA	Perfluorodecanoic acid	335-76-2	--	--	--	ng/g	< 0.384	< 0.386	< 0.392	< 0.399	< 0.394
PFUnA	Perfluoroundecanoic acid	2058-94-8	19,000	246,000	--	ng/g	< 0.425	< 0.427	< 0.434	< 0.440	< 0.436
PFDaA	Perfluorododecanoic acid	307-55-1	3,160	41,000	--	ng/g	< 0.555	< 0.558	< 0.567	< 0.576	< 0.570
PFTTrDA	Perfluorotridecanoic acid	72629-94-8	--	--	--	ng/g	< 0.561	< 0.564	< 0.573	< 0.582	< 0.575
PFTeDA	Perfluorotetradecanoic acid	376-06-7	63,200	821,000	--	ng/g	< 0.302	< 0.303	< 0.308	< 0.313	< 0.309
Sulfonic Acids:											
PFBS	Perfluorobutanesulfonic acid	375-73-5	19,000	246,000	--	ng/g	< 0.461	< 0.463	< 0.471	< 0.478	< 0.473
PFPeS	Perfluoropentane Sulfonic Acid	2706-91-4	--	--	--	ng/g	< 0.463	< 0.465	< 0.473	< 0.480	< 0.475
PFHxS	Perfluorohexanesulfonoic acid	355-46-4	1,260	16,400	--	ng/g	< 0.553	1.62	< 0.565	< 0.574	< 0.568
PFHpS	Perfluoroheptanesulfonic acid	375-92-8	--	--	--	ng/g	< 0.605	< 0.608	< 0.618	< 0.628	< 0.621
PFOS	Perfluorooctanesulfonic acid	1763-23-1	6	58	--	ng/g	5.88	34.8	< 0.671	0.782 J	< 0.674
PFNS	Perfluorononanesulfonic acid	68259-12-1	--	--	--	ng/g	< 0.553	< 0.556	< 0.565	< 0.574	< 0.568
PFDS	Perfluorodecanesulfonic acid	335-77-3	--	--	--	ng/g	< 0.525	< 0.527	< 0.536	< 0.544	< 0.538
PFDoS	Perfluorododecanesulfonic acid	79780-39-5	--	--	--	ng/g	< 0.453	< 0.456	< 0.463	< 0.470	< 0.465
4:2 FTS	4:2 Fluorotelomer Sulfonic Acid	757124-72-4	--	--	--	ng/g	< 0.561	< 0.564	< 0.573	< 0.582	< 0.575
6:2 FTS	6:2 Fluorotelomer sulfonic acid	27619-97-2	--	--	--	ng/g	< 0.463	< 0.465	< 0.473	< 0.480	< 0.475
8:2 FTS	8:2 Fluorotelomer sulfonic acid	39108-34-4	--	--	--	ng/g	< 0.782	< 0.786	< 0.799	< 0.811	< 0.802
Sulfonamides, Sulfomidoacetic acids, Sulfonamidoethanols:											
PFOSA	Perfluorooctane sulfonamide	754-91-6	--	--	--	ng/g	< 0.563	< 0.566	< 0.575	< 0.584	< 0.577
NMeFOSA	N-Methyl perfluorooctane sulfonamide	31506-32-8	--	--	--	ng/g	< 1.29	< 1.29	< 1.31	< 1.33	< 1.32
NEtFOSA	N-Ethyl perfluorooctane sulfonamide	4151-50-2	--	--	--	ng/g	< 1.00	< 1.01	< 1.02	< 1.04	< 1.03
MeFOSAA	N-Methylperfluorooctanesulfonamidoacetic acid	2355-31-9	--	--	--	ng/g	< 0.398	< 0.400	< 0.406	< 0.412	< 0.408
EtFOSAA	N-Ethylperfluorooctanesulfonamidoacetic acid	2991-50-6	--	--	--	ng/g	< 0.465	< 0.467	< 0.475	< 0.482	< 0.477
NMeFOSE	N-Methyl perfluorooctane sulfonamidoethanol	24448-09-7	--	--	--	ng/g	< 0.859	< 0.863	< 0.877	< 0.891	< 0.881
NEtFOSE	N-Ethyl perfluorooctane sulfonamidoethanol	1691-99-2	--	--	--	ng/g	< 0.826	< 0.830	< 0.844	< 0.857	< 0.847
Replacement Chemicals:											
HFPO-DA	Hexafluoropropylene oxide dimer acid	13252-13-6	235	3,500	--	ng/g	< 0.580	< 0.583	< 0.593	< 0.602	< 0.595
DONA	4,8-dioxa-3H-perfluorononanoic acid	919005-14-4	--	--	--	ng/g	< 0.334	< 0.336	< 0.341	< 0.347	< 0.343
9CI-PF3ONS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	756426-58-1	--	--	--	ng/g	< 0.350	< 0.351	< 0.357	< 0.363	< 0.359
11CI-PF3OUdS	11-chloroeicosafuoro-3-oxaundecane-1-sulfonic acid	763051-92-9	--	--	--	ng/g	< 0.892	< 0.896	< 0.911	< 0.925	< 0.914

Note:
ng/g - nanograms per pram
J - Estimated concentration.
Non-detects reported as < LOD

NR 720 Residual Contaminant Levels, per October 2024 RCL spreadsheet, WDNR.
Underline italics indicates a nonindustrial exceedance.
Bold indicates an industrial exceedance.



December 05, 2024

**Enthalpy Analytical - El Dorado Hills
Work Order No. 2411163**

Mr. Dave Henderson
AECOM
1555 N. River Center Drive
Milwaukee, WI 53212

Dear Mr. Henderson,

Enclosed are the results for the sample set received at Enthalpy Analytical - EDH on November 21, 2024 under your Project Name 'Chippewa Valley Regional Airport / 60733686'.

Enthalpy Analytical - EDH is committed to serving you effectively. If you require additional information, please contact me at 916-673-1520 or by email at mark.rein@enthalpy.com.

Thank you for choosing Enthalpy Analytical - EDH as part of your analytical support team.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mark Rein', is displayed within a light grey rectangular box.

Mark Rein
Project Manager

Enthalpy Analytical -EDH certifies that the report herein meets all the requirements set forth by NELAP for those applicable test methods. Results relate only to the samples as received by the laboratory. This report should not be reproduced except in full without the written approval of Enthalpy Analytical -EDH.

Enthalpy Analytical - EDH Work Order No. 2411163

Case Narrative

Sample Condition on Receipt:

Twelve soil samples and two aqueous samples were received and stored securely in accordance with Enthalpy Analytical - EDH standard operating procedures and EPA methodology. The samples were received in good condition and within the method temperature requirements. A sample ID discrepancy was noted for sample "Source H2O" between the container label and the Chain-of-Custody (CoC). The sample ID has been reported as listed on the CoC.

Analytical Notes:

PFAS Isotope Dilution Method (Solid)

The samples were extracted and analyzed for a selected list of PFAS using Enthalpy Analytical - EDH's Isotope Dilution Method. The results for PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Results for all other analytes include the linear isomers only.

Holding Times

The samples were extracted and analyzed within the hold times.

Quality Control

The Initial Calibration and Continuing Calibration Verifications met the method acceptance criteria.

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. No analytes were detected in the Method Blank above 1/2 the Reporting Limits (RL). The OPR recoveries were within the method acceptance criteria.

The labeled standard recoveries for all QC and field samples were within the acceptance criteria.

PFAS Isotope Dilution Method (Aqueous)

The samples were extracted and analyzed for a selected list of PFAS using Enthalpy Analytical - EDH's PFAS Isotope Dilution Method. The results for PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Results for all other analytes include the linear isomers only.

Holding Times

The samples were extracted and analyzed within the hold times.

Quality Control

The Initial Calibration and Continuing Calibration Verifications met the acceptance criteria.

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. No analytes were detected in the Method Blank above 1/2 the Reporting Limits (RL). The OPR recoveries were within the method acceptance criteria.

The labeled standard recoveries for all QC and field samples were within the acceptance criteria.

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Sample Inventory Report

Sample ID	Client Sample ID	Sampled	Received	Components/Containers
2411163-01	HA-A-40	18-Nov-24 15:20	21-Nov-24 09:15	HDPE Jar, 6 oz
2411163-02	HA-A-41	18-Nov-24 15:10	21-Nov-24 09:15	HDPE Jar, 6 oz
2411163-03	HA-A-42	18-Nov-24 14:50	21-Nov-24 09:15	HDPE Jar, 6 oz
2411163-04	HA-A-43	18-Nov-24 14:40	21-Nov-24 09:15	HDPE Jar, 6 oz
2411163-05	HA-A-44	18-Nov-24 14:30	21-Nov-24 09:15	HDPE Jar, 6 oz
2411163-06	HA-B-10	18-Nov-24 12:55	21-Nov-24 09:15	HDPE Jar, 6 oz
2411163-07	HA-B-11	18-Nov-24 13:10	21-Nov-24 09:15	HDPE Jar, 6 oz
2411163-08	HA-B-12	18-Nov-24 13:20	21-Nov-24 09:15	HDPE Jar, 6 oz
2411163-09	HA-B-13	18-Nov-24 13:30	21-Nov-24 09:15	HDPE Jar, 6 oz
2411163-10	HA-B-14	18-Nov-24 12:40	21-Nov-24 09:15	HDPE Jar, 6 oz
2411163-11	HA-B-15	18-Nov-24 13:40	21-Nov-24 09:15	HDPE Jar, 6 oz
2411163-12	HA-B-16	18-Nov-24 13:50	21-Nov-24 09:15	HDPE Jar, 8 oz
2411163-13	EQ-111824	18-Nov-24 14:00	21-Nov-24 09:15	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
2411163-14	Source H2O	18-Nov-24 12:15	21-Nov-24 09:15	HDPE Bottle, 250 mL HDPE Bottle, 250 mL

ANALYTICAL RESULTS

Sample ID: Method Blank					PFAS Isotope Dilution Method					
Client Data Name: AECOM Matrix: Solid Project: Chippewa Valley Regional Airport / 60733686					Laboratory Data Lab Sample: B24K237-BLK1 Column: BEH C18					
Analyte	CAS Number	Conc. (ng/g)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	<0.330	0.330	0.500		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
PFPeA	2706-90-3	<0.372	0.372	0.500		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
PFBS	375-73-5	<0.480	0.480	1.00		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
4:2 FTS	757124-72-4	<0.584	0.584	1.00		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
PFHxA	307-24-4	<0.330	0.330	0.500		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
PFPeS	2706-91-4	<0.482	0.482	1.00		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
HFPO-DA	13252-13-6	<0.604	0.604	1.00		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
PFHpA	375-85-9	<0.376	0.376	0.500		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
ADONA	919005-14-4	<0.348	0.348	0.500		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
PFHxS	355-46-4	<0.576	0.576	1.00		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
6:2 FTS	27619-97-2	<0.482	0.482	1.00		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
PFOA	335-67-1	<0.394	0.394	0.500		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
PFHpS	375-92-8	<0.630	0.630	1.00		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
PFNA	375-95-1	<0.412	0.412	0.500		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
PFOSA	754-91-6	<0.586	0.586	1.00		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
PFOS	1763-23-1	<0.684	0.684	1.00		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
9Cl-PF3ONS	756426-58-1	<0.364	0.364	0.500		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
PFDA	335-76-2	<0.400	0.400	0.500		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
8:2 FTS	39108-34-4	<0.814	0.814	1.00		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
PFNS	68259-12-1	<0.576	0.576	1.00		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
MeFOSAA	2355-31-9	<0.414	0.414	0.500		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
EtFOSAA	2991-50-6	<0.484	0.484	0.500		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
PFUnA	2058-94-8	<0.442	0.442	1.00		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
PFDS	335-77-3	<0.546	0.546	1.00		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
11Cl-PF3OUdS	763051-92-9	<0.928	0.928	1.00		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
PFDoA	307-55-1	<0.578	0.578	1.00		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
MeFOSA	31506-32-8	<1.34	1.34	1.50		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
PFTTrDA	72629-94-8	<0.584	0.584	1.00		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
PFDoS	79780-39-5	<0.472	0.472	1.00		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
PFTeDA	376-06-7	<0.314	0.314	0.500		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
EtFOSA	4151-50-2	<1.04	1.04	1.50		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
MeFOSE	24448-09-7	<0.894	0.894	2.00		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
EtFOSE	1691-99-2	<0.860	0.860	2.00		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	78.4	25 - 150			B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
13C3-PFPeA	IS	80.1	25 - 150			B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
13C3-PFBS	IS	74.0	25 - 150			B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1
13C2-4:2 FTS	IS	90.4	25 - 150			B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1

Sample ID: Method Blank					PFAS Isotope Dilution Method					
Client Data Name: AECOM Matrix: Solid Project: Chippewa Valley Regional Airport / 60733686					Laboratory Data Lab Sample: B24K237-BLK1 Column: BEH C18					
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-PFHxA	IS	74.0	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1	
13C3-HFPO-DA	IS	80.0	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1	
13C4-PFHpA	IS	74.5	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1	
13C3-PFHxS	IS	72.5	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1	
13C2-6:2 FTS	IS	73.3	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1	
13C2-PFOA	IS	70.3	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1	
13C5-PFNA	IS	63.5	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1	
13C8-PFOSA	IS	41.5	10 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1	
13C8-PFOS	IS	74.4	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1	
13C2-PFDA	IS	60.0	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1	
13C2-8:2 FTS	IS	71.2	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1	
d3-MeFOSAA	IS	47.7	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1	
d5-EtFOSAA	IS	55.1	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1	
13C2-PFUnA	IS	47.5	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1	
13C2-PFDoA	IS	54.9	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1	
d3-MeFOSA	IS	12.1	10 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1	
13C2-PFTeDA	IS	56.8	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1	
d5-EtFOSA	IS	10.9	10 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1	
d7-MeFOSE	IS	35.7	10 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1	
d9-EtFOSE	IS	33.7	10 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:08	1	

MDL - Method Detection Limit

RL - Reporting limit

The results are reported in dry weight.
The sample size is reported in wet weight.
Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: OPR
PFAS Isotope Dilution Method

Client Data						Laboratory Data					
Name:	AECOM	Matrix:	Solid			Lab Sample:	B24K237-BS1	Column:	BEH C18		
Project:	Chippewa Valley Regional Airport / 60733686										
Analyte	CAS Number	Amt Found (ng/g)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	10.8	10.0	108	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
PFPeA	2706-90-3	10.8	10.0	108	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
PFBS	375-73-5	9.21	10.0	92.1	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
4:2 FTS	757124-72-4	11.6	10.0	116	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
PFHxA	307-24-4	10.5	10.0	105	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
PFPeS	2706-91-4	9.99	10.0	99.9	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
HFPO-DA	13252-13-6	10.0	10.0	100	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
PFHpA	375-85-9	10.5	10.0	105	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
ADONA	919005-14-4	10.3	10.0	103	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
PFHxS	355-46-4	10.0	10.0	100	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
6:2 FTS	27619-97-2	10.9	10.0	109	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
PFOA	335-67-1	11.0	10.0	110	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
PFHpS	375-92-8	9.94	9.99	99.5	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
PFNA	375-95-1	9.89	10.0	98.9	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
PFOSA	754-91-6	11.2	10.0	112	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
PFOS	1763-23-1	10.9	10.0	109	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
9CI-PF3ONS	756426-58-1	9.53	10.0	95.3	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
PFDA	335-76-2	10.6	10.0	106	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
8:2 FTS	39108-34-4	8.26	10.0	82.6	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
PFNS	68259-12-1	9.01	10.0	90.1	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
MeFOSAA	2355-31-9	9.82	10.0	98.2	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
EtFOSAA	2991-50-6	11.1	10.0	111	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
PFUnA	2058-94-8	10.0	10.0	100	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
PFDS	335-77-3	8.28	10.0	82.8	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
11CI-PF3OUdS	763051-92-9	12.2	10.0	122	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
PFDaA	307-55-1	10.8	10.0	108	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
MeFOSA	31506-32-8	9.98	10.0	99.8	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
PFTTrDA	72629-94-8	10.3	10.0	103	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
PFDoS	79780-39-5	12.5	10.0	125	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
PFTeDA	376-06-7	11.1	10.0	111	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
EtFOSA	4151-50-2	10.9	10.0	109	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
MeFOSE	24448-09-7	9.92	10.0	99.2	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
EtFOSE	1691-99-2	10.3	10.0	103	50 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
Labeled Standards	Type			% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution

Sample ID: OPR
PFAS Isotope Dilution Method

Client Data					Laboratory Data				
Name:	AECOM	Matrix:	Solid		Lab Sample:	B24K237-BS1	Column:	BEH C18	
Project:	Chippewa Valley Regional Airport / 60733686								
Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	76.0	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
13C3-PFPeA	IS	77.6	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
13C3-PFBS	IS	76.8	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
13C2-4:2 FTS	IS	80.0	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
13C2-PFHxA	IS	71.1	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
13C3-HFPO-DA	IS	82.6	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
13C4-PFHpA	IS	74.3	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
13C3-PFHxS	IS	82.4	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
13C2-6:2 FTS	IS	77.9	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
13C2-PFOA	IS	68.0	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
13C5-PFNA	IS	63.9	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
13C8-PFOSA	IS	37.8	10 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
13C8-PFOS	IS	74.4	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
13C2-PFDA	IS	57.6	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
13C2-8:2 FTS	IS	77.0	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
d3-MeFOSAA	IS	49.9	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
d5-EtFOSAA	IS	46.2	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
13C2-PFUnA	IS	46.1	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
13C2-PFDoA	IS	51.7	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
d3-MeFOSA	IS	10.7	10 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
13C2-PFTeDA	IS	54.1	25 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
d5-EtFOSA	IS	10.1	10 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
d7-MeFOSE	IS	35.3	10 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1
d9-EtFOSE	IS	31.5	10 - 150		B24K237	25-Nov-24	1.00 g	27-Nov-24 21:19	1

Sample ID: HA-A-40					PFAS Isotope Dilution Method					
Client Data Name: AECOM Project: Chippewa Valley Regional Airport / 60733686 Location: CVRA					Laboratory Data Lab Sample: 2411163-01 Date Received: 21-Nov-24 09:15 % Solids: 91.3 Column: BEH C18					
Analyte	CAS Number	Conc. (ng/g)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	<0.317	0.317	0.480		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
PFPeA	2706-90-3	<0.357	0.357	0.480		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
PFBS	375-73-5	<0.461	0.461	0.961		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
4:2 FTS	757124-72-4	<0.561	0.561	0.961		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
PFHxA	307-24-4	<0.317	0.317	0.480		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
PFPeS	2706-91-4	<0.463	0.463	0.961		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
HFPO-DA	13252-13-6	<0.580	0.580	0.961		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
PFHpA	375-85-9	<0.361	0.361	0.480		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
ADONA	919005-14-4	<0.334	0.334	0.480		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
PFHxS	355-46-4	<0.553	0.553	0.961		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
6:2 FTS	27619-97-2	<0.463	0.463	0.961		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
PFOA	335-67-1	<0.379	0.379	0.480		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
PFHpS	375-92-8	<0.605	0.605	0.961		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
PFNA	375-95-1	<0.396	0.396	0.480		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
PFOSA	754-91-6	<0.563	0.563	0.961		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
PFOS	1763-23-1	5.88	0.657	0.961		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
9Cl-PF3ONS	756426-58-1	<0.350	0.350	0.480		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
PFDA	335-76-2	<0.384	0.384	0.480		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
8:2 FTS	39108-34-4	<0.782	0.782	0.961		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
PFNS	68259-12-1	<0.553	0.553	0.961		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
MeFOSAA	2355-31-9	<0.398	0.398	0.480		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
EtFOSAA	2991-50-6	<0.465	0.465	0.480		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
PFUnA	2058-94-8	<0.425	0.425	0.961		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
PFDS	335-77-3	<0.525	0.525	0.961		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
11Cl-PF3OUdS	763051-92-9	<0.892	0.892	0.961		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
PFDaA	307-55-1	<0.555	0.555	0.961		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
MeFOSA	31506-32-8	<1.29	1.29	1.44		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
PFTTrDA	72629-94-8	<0.561	0.561	0.961		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
PFDoS	79780-39-5	<0.453	0.453	0.961		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
PFTeDA	376-06-7	<0.302	0.302	0.480		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
EtFOSA	4151-50-2	<1.00	1.00	1.44		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
MeFOSE	24448-09-7	<0.859	0.859	1.92		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
EtFOSE	1691-99-2	<0.826	0.826	1.92		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	75.3	25 - 150			B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
13C3-PFPeA	IS	76.6	25 - 150			B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
13C3-PFBS	IS	75.3	25 - 150			B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1

Sample ID: HA-A-40				PFAS Isotope Dilution Method					
Client Data Name: AECOMMatrix: SoilProject: Chippewa Valley Regional Airport / 60733686Date Collected: 18-Nov-24 15:20Location: CVRA				Laboratory Data Lab Sample: 2411163-01Column: BEH C18Date Received: 21-Nov-24 09:15% Solids: 91.3					
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-4:2 FTS	IS	89.7	25 - 150		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
13C2-PFHxA	IS	72.3	25 - 150		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
13C3-HFPO-DA	IS	84.0	25 - 150		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
13C4-PFHpA	IS	71.4	25 - 150		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
13C3-PFHxS	IS	80.4	25 - 150		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
13C2-6:2 FTS	IS	67.2	25 - 150		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
13C2-PFOA	IS	70.2	25 - 150		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
13C5-PFNA	IS	61.2	25 - 150		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
13C8-PFOA	IS	47.4	10 - 150		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
13C8-PFOS	IS	80.1	25 - 150		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
13C2-PFDA	IS	57.1	25 - 150		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
13C2-8:2 FTS	IS	91.7	25 - 150		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
d3-MeFOSAA	IS	57.5	25 - 150		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
d5-EtFOSAA	IS	56.0	25 - 150		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
13C2-PFUnA	IS	57.3	25 - 150		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
13C2-PFDoA	IS	62.7	25 - 150		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
d3-MeFOSA	IS	17.4	10 - 150		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
13C2-PFTeDA	IS	59.5	25 - 150		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
d5-EtFOSA	IS	16.7	10 - 150		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
d7-MeFOSE	IS	39.1	10 - 150		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1
d9-EtFOSE	IS	39.1	10 - 150		B24K237	25-Nov-24	1.14 g	27-Nov-24 21:29	1

MDL - Method Detection Limit

RL - Reporting limit

The results are reported in dry weight.
The sample size is reported in wet weight.
Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: HA-A-41					PFAS Isotope Dilution Method					
Client Data Name: AECOM Project: Chippewa Valley Regional Airport / 60733686 Location: CVRA					Laboratory Data Lab Sample: 2411163-02 Date Received: 21-Nov-24 09:15 % Solids: 89.3 Column: BEH C18					
Analyte	CAS Number	Conc. (ng/g)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	<0.319	0.319	0.483		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
PFPeA	2706-90-3	0.492	0.359	0.483		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
PFBS	375-73-5	<0.463	0.463	0.965		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
4:2 FTS	757124-72-4	<0.564	0.564	0.965		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
PFHxA	307-24-4	<0.319	0.319	0.483		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
PFPeS	2706-91-4	<0.465	0.465	0.965		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
HFPO-DA	13252-13-6	<0.583	0.583	0.965		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
PFHpA	375-85-9	<0.363	0.363	0.483		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
ADONA	919005-14-4	<0.336	0.336	0.483		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
PFHxS	355-46-4	1.62	0.556	0.965		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
6:2 FTS	27619-97-2	<0.465	0.465	0.965		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
PFOA	335-67-1	<0.380	0.380	0.483		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
PFHpS	375-92-8	<0.608	0.608	0.965		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
PFNA	375-95-1	0.612	0.398	0.483		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
PFOSA	754-91-6	<0.566	0.566	0.965		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
PFOS	1763-23-1	34.8	0.660	0.965		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
9Cl-PF3ONS	756426-58-1	<0.351	0.351	0.483		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
PFDA	335-76-2	<0.386	0.386	0.483		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
8:2 FTS	39108-34-4	<0.786	0.786	0.965		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
PFNS	68259-12-1	<0.556	0.556	0.965		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
MeFOSAA	2355-31-9	<0.400	0.400	0.483		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
EtFOSAA	2991-50-6	<0.467	0.467	0.483		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
PFUnA	2058-94-8	<0.427	0.427	0.965		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
PFDS	335-77-3	<0.527	0.527	0.965		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
11Cl-PF3OUdS	763051-92-9	<0.896	0.896	0.965		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
PFDaA	307-55-1	<0.558	0.558	0.965		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
MeFOSA	31506-32-8	<1.29	1.29	1.45		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
PFTTrDA	72629-94-8	<0.564	0.564	0.965		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
PFDoS	79780-39-5	<0.456	0.456	0.965		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
PFTeDA	376-06-7	<0.303	0.303	0.483		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
EtFOSA	4151-50-2	<1.01	1.01	1.45		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
MeFOSE	24448-09-7	<0.863	0.863	1.93		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
EtFOSE	1691-99-2	<0.830	0.830	1.93		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	76.9	25 - 150			B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
13C3-PFPeA	IS	74.8	25 - 150			B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
13C3-PFBS	IS	78.3	25 - 150			B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1

Sample ID: HA-A-41				PFAS Isotope Dilution Method					
Client Data				Laboratory Data					
Name:	AECOM	Matrix:	Soil	Lab Sample:	2411163-02	Column:	BEH C18		
Project:	Chippewa Valley Regional Airport / 60733686	Date Collected:	18-Nov-24 15:10	Date Received:	21-Nov-24 09:15				
Location:	CVRA			% Solids:	89.3				
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-4:2 FTS	IS	103	25 - 150		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
13C2-PFHxA	IS	74.6	25 - 150		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
13C3-HFPO-DA	IS	77.7	25 - 150		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
13C4-PFHpA	IS	71.0	25 - 150		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
13C3-PFHxS	IS	79.0	25 - 150		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
13C2-6:2 FTS	IS	72.8	25 - 150		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
13C2-PFOA	IS	68.7	25 - 150		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
13C5-PFNA	IS	64.9	25 - 150		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
13C8-PFOA	IS	46.1	10 - 150		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
13C8-PFOS	IS	74.6	25 - 150		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
13C2-PFDA	IS	66.3	25 - 150		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
13C2-8:2 FTS	IS	80.3	25 - 150		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
d3-MeFOSAA	IS	58.3	25 - 150		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
d5-EtFOSAA	IS	57.5	25 - 150		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
13C2-PFUnA	IS	53.6	25 - 150		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
13C2-PFDoA	IS	58.4	25 - 150		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
d3-MeFOSA	IS	19.2	10 - 150		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
13C2-PFTeDA	IS	43.3	25 - 150		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
d5-EtFOSA	IS	19.4	10 - 150		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
d7-MeFOSE	IS	47.0	10 - 150		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1
d9-EtFOSE	IS	46.0	10 - 150		B24K237	25-Nov-24	1.16 g	27-Nov-24 21:39	1

MDL - Method Detection Limit

RL - Reporting limit

The results are reported in dry weight.
The sample size is reported in wet weight.
Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: HA-A-42					PFAS Isotope Dilution Method					
Client Data Name: AECOM Project: Chippewa Valley Regional Airport / 60733686 Location: CVRA					Laboratory Data Lab Sample: 2411163-03 Date Received: 21-Nov-24 09:15 % Solids: 94.4 Column: BEH C18					
Analyte	CAS Number	Conc. (ng/g)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	<0.324	0.324	0.491		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
PFPeA	2706-90-3	<0.365	0.365	0.491		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
PFBS	375-73-5	<0.471	0.471	0.981		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
4:2 FTS	757124-72-4	<0.573	0.573	0.981		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
PFHxA	307-24-4	<0.324	0.324	0.491		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
PFPeS	2706-91-4	<0.473	0.473	0.981		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
HFPO-DA	13252-13-6	<0.593	0.593	0.981		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
PFHpA	375-85-9	<0.369	0.369	0.491		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
ADONA	919005-14-4	<0.341	0.341	0.491		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
PFHxS	355-46-4	<0.565	0.565	0.981		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
6:2 FTS	27619-97-2	<0.473	0.473	0.981		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
PFOA	335-67-1	<0.387	0.387	0.491		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
PFHpS	375-92-8	<0.618	0.618	0.981		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
PFNA	375-95-1	<0.404	0.404	0.491		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
PFOSA	754-91-6	<0.575	0.575	0.981		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
PFOS	1763-23-1	<0.671	0.671	0.981		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
9Cl-PF3ONS	756426-58-1	<0.357	0.357	0.491		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
PFDA	335-76-2	<0.392	0.392	0.491		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
8:2 FTS	39108-34-4	<0.799	0.799	0.981		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
PFNS	68259-12-1	<0.565	0.565	0.981		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
MeFOSAA	2355-31-9	<0.406	0.406	0.491		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
EtFOSAA	2991-50-6	<0.475	0.475	0.491		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
PFUnA	2058-94-8	<0.434	0.434	0.981		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
PFDS	335-77-3	<0.536	0.536	0.981		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
11Cl-PF3OUdS	763051-92-9	<0.911	0.911	0.981		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
PFDaA	307-55-1	<0.567	0.567	0.981		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
MeFOSA	31506-32-8	<1.31	1.31	1.47		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
PFTTrDA	72629-94-8	<0.573	0.573	0.981		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
PFDoS	79780-39-5	<0.463	0.463	0.981		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
PFTeDA	376-06-7	<0.308	0.308	0.491		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
EtFOSA	4151-50-2	<1.02	1.02	1.47		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
MeFOSE	24448-09-7	<0.877	0.877	1.96		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
EtFOSE	1691-99-2	<0.844	0.844	1.96		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	85.1	25 - 150			B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
13C3-PFPeA	IS	83.7	25 - 150			B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
13C3-PFBS	IS	81.9	25 - 150			B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1

Sample ID: HA-A-42					PFAS Isotope Dilution Method				
Client Data Name: AECOM Project: Chippewa Valley Regional Airport / 60733686 Location: CVRA Matrix: Soil Date Collected: 18-Nov-24 14:50				Laboratory Data					
				Lab Sample: 2411163-03		Column: BEH C18			
				Date Received: 21-Nov-24 09:15					
				% Solids: 94.4					
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-4:2 FTS	IS	82.5	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
13C2-PFHxA	IS	78.3	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
13C3-HFPO-DA	IS	88.2	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
13C4-PFHpA	IS	76.5	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
13C3-PFHxS	IS	86.8	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
13C2-6:2 FTS	IS	77.7	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
13C2-PFOA	IS	77.9	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
13C5-PFNA	IS	68.8	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
13C8-PFOA	IS	46.8	10 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
13C8-PFOS	IS	86.5	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
13C2-PFDA	IS	68.2	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
13C2-8:2 FTS	IS	82.1	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
d3-MeFOSAA	IS	62.1	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
d5-EtFOSAA	IS	61.7	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
13C2-PFUnA	IS	59.7	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
13C2-PFDoA	IS	70.2	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
d3-MeFOSA	IS	16.9	10 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
13C2-PFTeDA	IS	63.0	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
d5-EtFOSA	IS	15.1	10 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
d7-MeFOSE	IS	40.7	10 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1
d9-EtFOSE	IS	40.7	10 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 21:50	1

MDL - Method Detection Limit

RL - Reporting limit

The results are reported in dry weight.
The sample size is reported in wet weight.
Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: HA-A-43					PFAS Isotope Dilution Method					
Client Data Name: AECOM Project: Chippewa Valley Regional Airport / 60733686 Location: CVRA					Laboratory Data Lab Sample: 2411163-04 Date Received: 21-Nov-24 09:15 % Solids: 91.2 Column: BEH C18					
Analyte	CAS Number	Conc. (ng/g)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	<0.329	0.329	0.498		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
PFPeA	2706-90-3	<0.371	0.371	0.498		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
PFBS	375-73-5	<0.478	0.478	0.996		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
4:2 FTS	757124-72-4	<0.582	0.582	0.996		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
PFHxA	307-24-4	<0.329	0.329	0.498		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
PFPeS	2706-91-4	<0.480	0.480	0.996		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
HFPO-DA	13252-13-6	<0.602	0.602	0.996		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
PFHpA	375-85-9	<0.375	0.375	0.498		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
ADONA	919005-14-4	<0.347	0.347	0.498		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
PFHxS	355-46-4	<0.574	0.574	0.996		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
6:2 FTS	27619-97-2	<0.480	0.480	0.996		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
PFOA	335-67-1	<0.393	0.393	0.498		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
PFHpS	375-92-8	<0.628	0.628	0.996		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
PFNA	375-95-1	<0.410	0.410	0.498		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
PFOSA	754-91-6	<0.584	0.584	0.996		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
PFOS	1763-23-1	0.782	0.681	0.996	J	B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
9Cl-PF3ONS	756426-58-1	<0.363	0.363	0.498		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
PFDA	335-76-2	<0.399	0.399	0.498		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
8:2 FTS	39108-34-4	<0.811	0.811	0.996		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
PFNS	68259-12-1	<0.574	0.574	0.996		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
MeFOSAA	2355-31-9	<0.412	0.412	0.498		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
EtFOSAA	2991-50-6	<0.482	0.482	0.498		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
PFUnA	2058-94-8	<0.440	0.440	0.996		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
PFDS	335-77-3	<0.544	0.544	0.996		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
11Cl-PF3OUdS	763051-92-9	<0.925	0.925	0.996		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
PFDaA	307-55-1	<0.576	0.576	0.996		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
MeFOSA	31506-32-8	<1.33	1.33	1.49		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
PFTTrDA	72629-94-8	<0.582	0.582	0.996		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
PFDoS	79780-39-5	<0.470	0.470	0.996		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
PFTeDA	376-06-7	<0.313	0.313	0.498		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
EtFOSA	4151-50-2	<1.04	1.04	1.49		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
MeFOSE	24448-09-7	<0.891	0.891	1.99		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
EtFOSE	1691-99-2	<0.857	0.857	1.99		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	84.4	25 - 150			B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
13C3-PFPeA	IS	83.1	25 - 150			B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
13C3-PFBS	IS	77.8	25 - 150			B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1

Sample ID: HA-A-43				PFAS Isotope Dilution Method					
Client Data				Laboratory Data					
Name:	AECOM	Matrix:	Soil	Lab Sample:	2411163-04	Column:	BEH C18		
Project:	Chippewa Valley Regional Airport / 60733686	Date Collected:	18-Nov-24 14:40	Date Received:	21-Nov-24 09:15				
Location:	CVRA			% Solids:	91.2				
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-4:2 FTS	IS	104	25 - 150		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
13C2-PFHxA	IS	75.6	25 - 150		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
13C3-HFPO-DA	IS	85.2	25 - 150		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
13C4-PFHpA	IS	78.3	25 - 150		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
13C3-PFHxS	IS	82.3	25 - 150		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
13C2-6:2 FTS	IS	80.5	25 - 150		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
13C2-PFOA	IS	73.4	25 - 150		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
13C5-PFNA	IS	66.8	25 - 150		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
13C8-PFOA	IS	57.4	10 - 150		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
13C8-PFOS	IS	87.0	25 - 150		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
13C2-PFDA	IS	67.8	25 - 150		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
13C2-8:2 FTS	IS	88.7	25 - 150		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
d3-MeFOSAA	IS	60.8	25 - 150		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
d5-EtFOSAA	IS	62.2	25 - 150		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
13C2-PFUnA	IS	63.7	25 - 150		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
13C2-PFDoA	IS	69.8	25 - 150		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
d3-MeFOSA	IS	19.7	10 - 150		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
13C2-PFTeDA	IS	69.4	25 - 150		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
d5-EtFOSA	IS	18.8	10 - 150		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
d7-MeFOSE	IS	48.9	10 - 150		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1
d9-EtFOSE	IS	48.3	10 - 150		B24K237	25-Nov-24	1.10 g	27-Nov-24 22:00	1

MDL - Method Detection Limit

RL - Reporting limit

The results are reported in dry weight.
The sample size is reported in wet weight.
Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: HA-A-44					PFAS Isotope Dilution Method					
Client Data				Laboratory Data						
Name:	AECOM	Matrix:	Soil	Lab Sample:	2411163-05	Column:	BEH C18			
Project:	Chippewa Valley Regional Airport / 60733686	Date Collected:	18-Nov-24 14:30	Date Received:	21-Nov-24 09:15					
Location:	CVRA				% Solids:	94.0				
Analyte	CAS Number	Conc. (ng/g)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	<0.325	0.325	0.493		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
PFPeA	2706-90-3	<0.367	0.367	0.493		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
PFBS	375-73-5	<0.473	0.473	0.985		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
4:2 FTS	757124-72-4	<0.575	0.575	0.985		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
PFHxA	307-24-4	<0.325	0.325	0.493		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
PFPeS	2706-91-4	<0.475	0.475	0.985		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
HFPO-DA	13252-13-6	<0.595	0.595	0.985		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
PFHpA	375-85-9	<0.371	0.371	0.493		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
ADONA	919005-14-4	<0.343	0.343	0.493		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
PFHxS	355-46-4	<0.568	0.568	0.985		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
6:2 FTS	27619-97-2	<0.475	0.475	0.985		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
PFOA	335-67-1	<0.388	0.388	0.493		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
PFHpS	375-92-8	<0.621	0.621	0.985		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
PFNA	375-95-1	<0.406	0.406	0.493		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
PFOSA	754-91-6	<0.577	0.577	0.985		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
PFOS	1763-23-1	<0.674	0.674	0.985		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
9Cl-PF3ONS	756426-58-1	<0.359	0.359	0.493		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
PFDA	335-76-2	<0.394	0.394	0.493		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
8:2 FTS	39108-34-4	<0.802	0.802	0.985		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
PFNS	68259-12-1	<0.568	0.568	0.985		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
MeFOSAA	2355-31-9	<0.408	0.408	0.493		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
EtFOSAA	2991-50-6	<0.477	0.477	0.493		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
PFUnA	2058-94-8	<0.436	0.436	0.985		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
PFDS	335-77-3	<0.538	0.538	0.985		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
11Cl-PF3OUdS	763051-92-9	<0.914	0.914	0.985		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
PFDaA	307-55-1	<0.570	0.570	0.985		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
MeFOSA	31506-32-8	<1.32	1.32	1.48		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
PFTTrDA	72629-94-8	<0.575	0.575	0.985		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
PFDoS	79780-39-5	<0.465	0.465	0.985		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
PFTeDA	376-06-7	<0.309	0.309	0.493		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
EtFOSA	4151-50-2	<1.03	1.03	1.48		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
MeFOSE	24448-09-7	<0.881	0.881	1.97		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
EtFOSE	1691-99-2	<0.847	0.847	1.97		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	77.3	25 - 150			B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
13C3-PFPeA	IS	78.9	25 - 150			B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1
13C3-PFBS	IS	72.5	25 - 150			B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1

Sample ID: HA-A-44					PFAS Isotope Dilution Method					
Client Data				Laboratory Data						
Name:	AECOM		Matrix:	Soil	Lab Sample:	2411163-05		Column:	BEH C18	
Project:	Chippewa Valley Regional Airport / 60733686		Date Collected:	18-Nov-24 14:30	Date Received:	21-Nov-24 09:15				
Location:	CVRA				% Solids:	94.0				
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-4:2 FTS	IS	92.6	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1	
13C2-PFHxA	IS	75.8	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1	
13C3-HFPO-DA	IS	84.2	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1	
13C4-PFHpA	IS	71.2	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1	
13C3-PFHxS	IS	82.3	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1	
13C2-6:2 FTS	IS	72.7	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1	
13C2-PFOA	IS	69.5	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1	
13C5-PFNA	IS	64.2	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1	
13C8-PFOA	IS	48.7	10 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1	
13C8-PFOS	IS	83.3	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1	
13C2-PFDA	IS	63.3	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1	
13C2-8:2 FTS	IS	71.2	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1	
d3-MeFOSAA	IS	59.7	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1	
d5-EtFOSAA	IS	59.1	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1	
13C2-PFUnA	IS	56.9	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1	
13C2-PFDoA	IS	67.5	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1	
d3-MeFOSA	IS	14.6	10 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1	
13C2-PFTeDA	IS	56.7	25 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1	
d5-EtFOSA	IS	12.6	10 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1	
d7-MeFOSE	IS	42.3	10 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1	
d9-EtFOSE	IS	41.2	10 - 150		B24K237	25-Nov-24	1.08 g	27-Nov-24 22:42	1	

MDL - Method Detection Limit

RL - Reporting limit

The results are reported in dry weight.
The sample size is reported in wet weight.
Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: HA-B-10					PFAS Isotope Dilution Method					
Client Data Name: AECOM Project: Chippewa Valley Regional Airport / 60733686 Location: CVRA					Laboratory Data Lab Sample: 2411163-06 Date Received: 21-Nov-24 09:15 % Solids: 96.0 Column: BEH C18					
Analyte	CAS Number	Conc. (ng/g)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	<0.331	0.331	0.501		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
PFPeA	2706-90-3	<0.373	0.373	0.501		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
PFBS	375-73-5	<0.481	0.481	1.00		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
4:2 FTS	757124-72-4	<0.585	0.585	1.00		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
PFHxA	307-24-4	<0.331	0.331	0.501		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
PFPeS	2706-91-4	<0.483	0.483	1.00		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
HFPO-DA	13252-13-6	<0.605	0.605	1.00		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
PFHpA	375-85-9	<0.377	0.377	0.501		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
ADONA	919005-14-4	<0.349	0.349	0.501		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
PFHxS	355-46-4	<0.577	0.577	1.00		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
6:2 FTS	27619-97-2	<0.483	0.483	1.00		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
PFOA	335-67-1	<0.395	0.395	0.501		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
PFHpS	375-92-8	<0.631	0.631	1.00		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
PFNA	375-95-1	<0.413	0.413	0.501		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
PFOSA	754-91-6	3.92	0.587	1.00		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
PFOS	1763-23-1	1.21	0.685	1.00		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
9Cl-PF3ONS	756426-58-1	<0.365	0.365	0.501		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
PFDA	335-76-2	<0.401	0.401	0.501		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
8:2 FTS	39108-34-4	<0.816	0.816	1.00		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
PFNS	68259-12-1	<0.577	0.577	1.00		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
MeFOSAA	2355-31-9	<0.415	0.415	0.501		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
EtFOSAA	2991-50-6	<0.485	0.485	0.501		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
PFUnA	2058-94-8	<0.443	0.443	1.00		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
PFDS	335-77-3	<0.547	0.547	1.00		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
11Cl-PF3OUdS	763051-92-9	<0.930	0.930	1.00		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
PFDaA	307-55-1	<0.579	0.579	1.00		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
MeFOSA	31506-32-8	<1.34	1.34	1.50		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
PFTTrDA	72629-94-8	<0.585	0.585	1.00		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
PFDoS	79780-39-5	<0.473	0.473	1.00		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
PFTeDA	376-06-7	<0.315	0.315	0.501		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
EtFOSA	4151-50-2	<1.04	1.04	1.50		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
MeFOSE	24448-09-7	<0.896	0.896	2.00		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
EtFOSE	1691-99-2	<0.862	0.862	2.00		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	82.4	25 - 150			B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
13C3-PFPeA	IS	83.0	25 - 150			B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1
13C3-PFBS	IS	86.0	25 - 150			B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1

Sample ID: HA-B-10					PFAS Isotope Dilution Method					
Client Data				Laboratory Data						
Name:	AECOM	Matrix:	Soil	Lab Sample:	2411163-06	Column:	BEH C18			
Project:	Chippewa Valley Regional Airport / 60733686	Date Collected:	18-Nov-24 12:55	Date Received:	21-Nov-24 09:15					
Location:	CVRA				% Solids:	96.0				
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-4:2 FTS	IS	87.9	25 - 150		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1	
13C2-PFHxA	IS	71.7	25 - 150		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1	
13C3-HFPO-DA	IS	89.4	25 - 150		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1	
13C4-PFHpA	IS	73.0	25 - 150		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1	
13C3-PFHxS	IS	73.3	25 - 150		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1	
13C2-6:2 FTS	IS	76.3	25 - 150		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1	
13C2-PFOA	IS	71.0	25 - 150		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1	
13C5-PFNA	IS	64.3	25 - 150		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1	
13C8-PFOA	IS	51.3	10 - 150		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1	
13C8-PFOS	IS	83.0	25 - 150		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1	
13C2-PFDA	IS	69.1	25 - 150		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1	
13C2-8:2 FTS	IS	81.2	25 - 150		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1	
d3-MeFOSAA	IS	61.3	25 - 150		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1	
d5-EtFOSAA	IS	60.7	25 - 150		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1	
13C2-PFUnA	IS	58.9	25 - 150		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1	
13C2-PFDoA	IS	60.4	25 - 150		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1	
d3-MeFOSA	IS	16.6	10 - 150		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1	
13C2-PFTeDA	IS	58.0	25 - 150		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1	
d5-EtFOSA	IS	16.4	10 - 150		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1	
d7-MeFOSE	IS	46.9	10 - 150		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1	
d9-EtFOSE	IS	47.6	10 - 150		B24K237	25-Nov-24	1.04 g	27-Nov-24 22:52	1	

MDL - Method Detection Limit

RL - Reporting limit

The results are reported in dry weight.
The sample size is reported in wet weight.
Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: HA-B-11					PFAS Isotope Dilution Method					
Client Data Name: AECOM Project: Chippewa Valley Regional Airport / 60733686 Location: CVRA					Laboratory Data Lab Sample: 2411163-07 Date Received: 21-Nov-24 09:15 % Solids: 96.6 Column: BEH C18					
Analyte	CAS Number	Conc. (ng/g)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	<0.325	0.325	0.493		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
PFPeA	2706-90-3	<0.367	0.367	0.493		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
PFBS	375-73-5	<0.473	0.473	0.986		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
4:2 FTS	757124-72-4	<0.576	0.576	0.986		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
PFHxA	307-24-4	<0.325	0.325	0.493		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
PFPeS	2706-91-4	<0.475	0.475	0.986		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
HFPO-DA	13252-13-6	<0.595	0.595	0.986		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
PFHpA	375-85-9	<0.371	0.371	0.493		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
ADONA	919005-14-4	<0.343	0.343	0.493		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
PFHxS	355-46-4	0.589	0.568	0.986	J	B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
6:2 FTS	27619-97-2	<0.475	0.475	0.986		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
PFOA	335-67-1	<0.388	0.388	0.493		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
PFHpS	375-92-8	<0.621	0.621	0.986		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
PFNA	375-95-1	0.470	0.406	0.493	J	B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
PFOSA	754-91-6	<0.578	0.578	0.986		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
PFOS	1763-23-1	7.95	0.674	0.986		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
9Cl-PF3ONS	756426-58-1	<0.359	0.359	0.493		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
PFDA	335-76-2	1.27	0.394	0.493		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
8:2 FTS	39108-34-4	0.965	0.802	0.986	J	B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
PFNS	68259-12-1	<0.568	0.568	0.986		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
MeFOSAA	2355-31-9	<0.408	0.408	0.493		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
EtFOSAA	2991-50-6	<0.477	0.477	0.493		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
PFUnA	2058-94-8	<0.436	0.436	0.986		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
PFDS	335-77-3	<0.538	0.538	0.986		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
11Cl-PF3OUdS	763051-92-9	<0.915	0.915	0.986		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
PFDaA	307-55-1	<0.570	0.570	0.986		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
MeFOSA	31506-32-8	<1.32	1.32	1.48		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
PFTTrDA	72629-94-8	<0.576	0.576	0.986		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
PFDoS	79780-39-5	<0.465	0.465	0.986		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
PFTeDA	376-06-7	<0.310	0.310	0.493		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
EtFOSA	4151-50-2	<1.03	1.03	1.48		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
MeFOSE	24448-09-7	<0.881	0.881	1.97		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
EtFOSE	1691-99-2	<0.848	0.848	1.97		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	79.1	25 - 150			B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
13C3-PFPeA	IS	79.1	25 - 150			B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
13C3-PFBS	IS	73.2	25 - 150			B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1

Sample ID: HA-B-11				PFAS Isotope Dilution Method					
Client Data				Laboratory Data					
Name:	AECOM	Matrix:	Soil	Lab Sample:	2411163-07	Column:	BEH C18		
Project:	Chippewa Valley Regional Airport / 60733686	Date Collected:	18-Nov-24 13:10	Date Received:	21-Nov-24 09:15				
Location:	CVRA			% Solids:	96.6				
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-4:2 FTS	IS	96.2	25 - 150		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
13C2-PFHxA	IS	74.2	25 - 150		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
13C3-HFPO-DA	IS	87.2	25 - 150		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
13C4-PFHpA	IS	75.7	25 - 150		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
13C3-PFHxS	IS	77.1	25 - 150		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
13C2-6:2 FTS	IS	76.4	25 - 150		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
13C2-PFOA	IS	72.9	25 - 150		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
13C5-PFNA	IS	60.9	25 - 150		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
13C8-PFOA	IS	53.8	10 - 150		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
13C8-PFOS	IS	78.0	25 - 150		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
13C2-PFDA	IS	62.9	25 - 150		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
13C2-8:2 FTS	IS	71.7	25 - 150		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
d3-MeFOSAA	IS	59.4	25 - 150		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
d5-EtFOSAA	IS	55.8	25 - 150		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
13C2-PFUnA	IS	53.9	25 - 150		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
13C2-PFDoA	IS	59.2	25 - 150		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
d3-MeFOSA	IS	18.9	10 - 150		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
13C2-PFTeDA	IS	62.6	25 - 150		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
d5-EtFOSA	IS	18.3	10 - 150		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
d7-MeFOSE	IS	49.7	10 - 150		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1
d9-EtFOSE	IS	49.1	10 - 150		B24K237	25-Nov-24	1.05 g	27-Nov-24 23:03	1

MDL - Method Detection Limit

RL - Reporting limit

The results are reported in dry weight.
The sample size is reported in wet weight.
Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: HA-B-12					PFAS Isotope Dilution Method					
Client Data Name: AECOM Project: Chippewa Valley Regional Airport / 60733686 Location: CVRA					Laboratory Data Lab Sample: 2411163-08 Date Received: 21-Nov-24 09:15 % Solids: 94.5 Column: BEH C18					
Analyte	CAS Number	Conc. (ng/g)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	<0.326	0.326	0.495		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
PFPeA	2706-90-3	<0.368	0.368	0.495		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
PFBS	375-73-5	<0.475	0.475	0.989		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
4:2 FTS	757124-72-4	<0.578	0.578	0.989		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
PFHxA	307-24-4	<0.326	0.326	0.495		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
PFPeS	2706-91-4	<0.477	0.477	0.989		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
HFPO-DA	13252-13-6	<0.598	0.598	0.989		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
PFHpA	375-85-9	<0.372	0.372	0.495		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
ADONA	919005-14-4	<0.344	0.344	0.495		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
PFHxS	355-46-4	<0.570	0.570	0.989		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
6:2 FTS	27619-97-2	<0.477	0.477	0.989		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
PFOA	335-67-1	<0.390	0.390	0.495		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
PFHpS	375-92-8	<0.623	0.623	0.989		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
PFNA	375-95-1	<0.408	0.408	0.495		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
PFOSA	754-91-6	<0.580	0.580	0.989		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
PFOS	1763-23-1	<0.677	0.677	0.989		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
9Cl-PF3ONS	756426-58-1	<0.360	0.360	0.495		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
PFDA	335-76-2	<0.396	0.396	0.495		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
8:2 FTS	39108-34-4	<0.805	0.805	0.989		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
PFNS	68259-12-1	<0.570	0.570	0.989		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
MeFOSAA	2355-31-9	<0.410	0.410	0.495		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
EtFOSAA	2991-50-6	<0.479	0.479	0.495		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
PFUnA	2058-94-8	<0.437	0.437	0.989		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
PFDS	335-77-3	<0.540	0.540	0.989		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
11Cl-PF3OUdS	763051-92-9	<0.918	0.918	0.989		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
PFDoA	307-55-1	<0.572	0.572	0.989		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
MeFOSA	31506-32-8	<1.32	1.32	1.48		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
PFTTrDA	72629-94-8	<0.578	0.578	0.989		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
PFDoS	79780-39-5	<0.467	0.467	0.989		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
PFTeDA	376-06-7	<0.311	0.311	0.495		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
EtFOSA	4151-50-2	<1.03	1.03	1.48		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
MeFOSE	24448-09-7	<0.884	0.884	1.98		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
EtFOSE	1691-99-2	<0.851	0.851	1.98		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	101	25 - 150			B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
13C3-PFPeA	IS	98.4	25 - 150			B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
13C3-PFBS	IS	100	25 - 150			B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1

Sample ID: HA-B-12				PFAS Isotope Dilution Method					
Client Data Name: AECOMMatrix: SoilProject: Chippewa Valley Regional Airport / 60733686Date Collected: 18-Nov-24 13:20Location: CVRA				Laboratory Data Lab Sample: 2411163-08Column: BEH C18Date Received: 21-Nov-24 09:15% Solids: 94.5					
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-4:2 FTS	IS	113	25 - 150		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
13C2-PFHxA	IS	111	25 - 150		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
13C3-HFPO-DA	IS	103	25 - 150		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
13C4-PFHpA	IS	92.8	25 - 150		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
13C3-PFHxS	IS	86.7	25 - 150		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
13C2-6:2 FTS	IS	90.2	25 - 150		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
13C2-PFOA	IS	97.4	25 - 150		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
13C5-PFNA	IS	83.6	25 - 150		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
13C8-PFOA	IS	64.1	10 - 150		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
13C8-PFOS	IS	104	25 - 150		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
13C2-PFDA	IS	73.5	25 - 150		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
13C2-8:2 FTS	IS	100	25 - 150		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
d3-MeFOSAA	IS	71.2	25 - 150		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
d5-EtFOSAA	IS	69.4	25 - 150		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
13C2-PFUnA	IS	68.8	25 - 150		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
13C2-PFDoA	IS	75.3	25 - 150		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
d3-MeFOSA	IS	12.7	10 - 150		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
13C2-PFTeDA	IS	73.2	25 - 150		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
d5-EtFOSA	IS	10.2	10 - 150		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
d7-MeFOSE	IS	56.2	10 - 150		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1
d9-EtFOSE	IS	52.6	10 - 150		B24K237	25-Nov-24	1.07 g	02-Dec-24 14:44	1

MDL - Method Detection Limit

RL - Reporting limit

The results are reported in dry weight.
The sample size is reported in wet weight.
Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: HA-B-13					PFAS Isotope Dilution Method					
Client Data Name: AECOM Project: Chippewa Valley Regional Airport / 60733686 Location: CVRA					Laboratory Data Lab Sample: 2411163-09 Date Received: 21-Nov-24 09:15 % Solids: 94.8 Column: BEH C18					
Analyte	CAS Number	Conc. (ng/g)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	<0.328	0.328	0.497		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
PFPeA	2706-90-3	<0.370	0.370	0.497		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
PFBS	375-73-5	<0.478	0.478	0.995		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
4:2 FTS	757124-72-4	<0.581	0.581	0.995		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
PFHxA	307-24-4	<0.328	0.328	0.497		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
PFPeS	2706-91-4	<0.480	0.480	0.995		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
HFPO-DA	13252-13-6	<0.601	0.601	0.995		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
PFHpA	375-85-9	<0.374	0.374	0.497		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
ADONA	919005-14-4	<0.346	0.346	0.497		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
PFHxS	355-46-4	<0.573	0.573	0.995		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
6:2 FTS	27619-97-2	<0.480	0.480	0.995		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
PFOA	335-67-1	<0.392	0.392	0.497		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
PFHpS	375-92-8	<0.627	0.627	0.995		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
PFNA	375-95-1	<0.410	0.410	0.497		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
PFOSA	754-91-6	<0.583	0.583	0.995		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
PFOS	1763-23-1	<0.681	0.681	0.995		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
9Cl-PF3ONS	756426-58-1	<0.362	0.362	0.497		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
PFDA	335-76-2	<0.398	0.398	0.497		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
8:2 FTS	39108-34-4	<0.810	0.810	0.995		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
PFNS	68259-12-1	<0.573	0.573	0.995		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
MeFOSAA	2355-31-9	<0.412	0.412	0.497		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
EtFOSAA	2991-50-6	<0.482	0.482	0.497		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
PFUnA	2058-94-8	<0.440	0.440	0.995		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
PFDS	335-77-3	<0.543	0.543	0.995		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
11Cl-PF3OUdS	763051-92-9	<0.923	0.923	0.995		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
PFDoA	307-55-1	<0.575	0.575	0.995		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
MeFOSA	31506-32-8	<1.33	1.33	1.49		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
PFTTrDA	72629-94-8	<0.581	0.581	0.995		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
PFDoS	79780-39-5	<0.470	0.470	0.995		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
PFTeDA	376-06-7	<0.312	0.312	0.497		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
EtFOSA	4151-50-2	<1.04	1.04	1.49		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
MeFOSE	24448-09-7	<0.889	0.889	1.99		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
EtFOSE	1691-99-2	<0.856	0.856	1.99		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	87.1	25 - 150			B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
13C3-PFPeA	IS	85.4	25 - 150			B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1
13C3-PFBS	IS	84.4	25 - 150			B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1

Sample ID: HA-B-13					PFAS Isotope Dilution Method					
Client Data Name: AECOM Project: Chippewa Valley Regional Airport / 60733686 Location: CVRA Matrix: Soil Date Collected: 18-Nov-24 13:30				Laboratory Data						
				Lab Sample: 2411163-09		Column: BEH C18				
				Date Received: 21-Nov-24 09:15						
				% Solids: 94.8						
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-4:2 FTS	IS	103	25 - 150		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1	
13C2-PFHxA	IS	83.4	25 - 150		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1	
13C3-HFPO-DA	IS	94.6	25 - 150		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1	
13C4-PFHpA	IS	79.7	25 - 150		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1	
13C3-PFHxS	IS	85.0	25 - 150		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1	
13C2-6:2 FTS	IS	84.0	25 - 150		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1	
13C2-PFOA	IS	73.2	25 - 150		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1	
13C5-PFNA	IS	71.3	25 - 150		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1	
13C8-PFOA	IS	55.1	10 - 150		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1	
13C8-PFOS	IS	83.4	25 - 150		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1	
13C2-PFDA	IS	67.6	25 - 150		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1	
13C2-8:2 FTS	IS	85.7	25 - 150		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1	
d3-MeFOSAA	IS	58.7	25 - 150		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1	
d5-EtFOSAA	IS	63.0	25 - 150		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1	
13C2-PFUnA	IS	59.2	25 - 150		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1	
13C2-PFDoA	IS	69.3	25 - 150		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1	
d3-MeFOSA	IS	21.7	10 - 150		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1	
13C2-PFTeDA	IS	70.0	25 - 150		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1	
d5-EtFOSA	IS	19.7	10 - 150		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1	
d7-MeFOSE	IS	49.6	10 - 150		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1	
d9-EtFOSE	IS	50.1	10 - 150		B24K237	25-Nov-24	1.06 g	27-Nov-24 23:23	1	

MDL - Method Detection Limit

RL - Reporting limit

The results are reported in dry weight.
The sample size is reported in wet weight.
Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: HA-B-14					PFAS Isotope Dilution Method					
Client Data Name: AECOM Project: Chippewa Valley Regional Airport / 60733686 Location: CVRA					Laboratory Data Lab Sample: 2411163-10 Date Received: 21-Nov-24 09:15 % Solids: 95.8 Column: BEH C18					
Analyte	CAS Number	Conc. (ng/g)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	<0.322	0.322	0.488		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
PFPeA	2706-90-3	<0.363	0.363	0.488		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
PFBS	375-73-5	<0.468	0.468	0.976		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
4:2 FTS	757124-72-4	<0.570	0.570	0.976		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
PFHxA	307-24-4	<0.322	0.322	0.488		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
PFPeS	2706-91-4	<0.470	0.470	0.976		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
HFPO-DA	13252-13-6	<0.589	0.589	0.976		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
PFHpA	375-85-9	<0.367	0.367	0.488		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
ADONA	919005-14-4	<0.340	0.340	0.488		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
PFHxS	355-46-4	<0.562	0.562	0.976		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
6:2 FTS	27619-97-2	<0.470	0.470	0.976		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
PFOA	335-67-1	<0.384	0.384	0.488		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
PFHpS	375-92-8	<0.615	0.615	0.976		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
PFNA	375-95-1	<0.402	0.402	0.488		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
PFOSA	754-91-6	<0.572	0.572	0.976		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
PFOS	1763-23-1	<0.668	0.668	0.976		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
9Cl-PF3ONS	756426-58-1	<0.355	0.355	0.488		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
PFDA	335-76-2	<0.390	0.390	0.488		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
8:2 FTS	39108-34-4	<0.794	0.794	0.976		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
PFNS	68259-12-1	<0.562	0.562	0.976		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
MeFOSAA	2355-31-9	<0.404	0.404	0.488		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
EtFOSAA	2991-50-6	<0.472	0.472	0.488		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
PFUnA	2058-94-8	<0.431	0.431	0.976		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
PFDS	335-77-3	<0.533	0.533	0.976		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
11Cl-PF3OUdS	763051-92-9	<0.906	0.906	0.976		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
PFDaA	307-55-1	<0.564	0.564	0.976		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
MeFOSA	31506-32-8	<1.31	1.31	1.46		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
PFTTrDA	72629-94-8	<0.570	0.570	0.976		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
PFDoS	79780-39-5	<0.461	0.461	0.976		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
PFTeDA	376-06-7	<0.306	0.306	0.488		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
EtFOSA	4151-50-2	<1.02	1.02	1.46		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
MeFOSE	24448-09-7	<0.872	0.872	1.95		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
EtFOSE	1691-99-2	<0.839	0.839	1.95		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	84.3	25 - 150			B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
13C3-PFPeA	IS	85.2	25 - 150			B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
13C3-PFBS	IS	83.9	25 - 150			B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1

Sample ID: HA-B-14

PFAS Isotope Dilution Method

Client Data				Laboratory Data			
Name:	AECOM	Matrix:	Soil	Lab Sample:	2411163-10	Column:	BEH C18
Project:	Chippewa Valley Regional Airport / 60733686	Date Collected:	18-Nov-24 12:40	Date Received:	21-Nov-24 09:15		
Location:	CVRA			% Solids:	95.8		

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-4:2 FTS	IS	85.2	25 - 150		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
13C2-PFHxA	IS	77.7	25 - 150		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
13C3-HFPO-DA	IS	87.9	25 - 150		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
13C4-PFHpA	IS	74.6	25 - 150		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
13C3-PFHxS	IS	77.0	25 - 150		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
13C2-6:2 FTS	IS	67.1	25 - 150		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
13C2-PFOA	IS	68.6	25 - 150		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
13C5-PFNA	IS	63.8	25 - 150		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
13C8-PFOA	IS	49.7	10 - 150		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
13C8-PFOS	IS	84.4	25 - 150		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
13C2-PFDA	IS	65.9	25 - 150		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
13C2-8:2 FTS	IS	85.5	25 - 150		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
d3-MeFOSAA	IS	59.5	25 - 150		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
d5-EtFOSAA	IS	57.3	25 - 150		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
13C2-PFUnA	IS	57.7	25 - 150		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
13C2-PFDoA	IS	62.9	25 - 150		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
d3-MeFOSA	IS	17.5	10 - 150		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
13C2-PFTeDA	IS	67.9	25 - 150		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
d5-EtFOSA	IS	16.0	10 - 150		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
d7-MeFOSE	IS	47.5	10 - 150		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1
d9-EtFOSE	IS	47.5	10 - 150		B24K237	25-Nov-24	1.07 g	27-Nov-24 23:34	1

MDL - Method Detection Limit

RL - Reporting limit

The results are reported in dry weight.
The sample size is reported in wet weight.
Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: HA-B-15					PFAS Isotope Dilution Method					
Client Data Name: AECOM Project: Chippewa Valley Regional Airport / 60733686 Location: CVRA					Laboratory Data Lab Sample: 2411163-11 Date Received: 21-Nov-24 09:15 % Solids: 84.4 Column: BEH C18					
Analyte	CAS Number	Conc. (ng/g)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	<0.328	0.328	0.498		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
PFPeA	2706-90-3	0.376	0.370	0.498	J	B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
PFBS	375-73-5	<0.478	0.478	0.995		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
4:2 FTS	757124-72-4	<0.581	0.581	0.995		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
PFHxA	307-24-4	<0.328	0.328	0.498		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
PFPeS	2706-91-4	<0.480	0.480	0.995		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
HFPO-DA	13252-13-6	<0.601	0.601	0.995		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
PFHpA	375-85-9	<0.374	0.374	0.498		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
ADONA	919005-14-4	<0.346	0.346	0.498		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
PFHxS	355-46-4	0.741	0.573	0.995	J	B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
6:2 FTS	27619-97-2	<0.480	0.480	0.995		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
PFOA	335-67-1	<0.392	0.392	0.498		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
PFHpS	375-92-8	<0.627	0.627	0.995		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
PFNA	375-95-1	<0.410	0.410	0.498		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
PFOSA	754-91-6	<0.583	0.583	0.995		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
PFOS	1763-23-1	4.44	0.681	0.995		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
9Cl-PF3ONS	756426-58-1	<0.362	0.362	0.498		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
PFDA	335-76-2	<0.398	0.398	0.498		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
8:2 FTS	39108-34-4	<0.810	0.810	0.995		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
PFNS	68259-12-1	<0.573	0.573	0.995		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
MeFOSAA	2355-31-9	<0.412	0.412	0.498		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
EtFOSAA	2991-50-6	<0.482	0.482	0.498		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
PFUnA	2058-94-8	<0.440	0.440	0.995		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
PFDS	335-77-3	<0.543	0.543	0.995		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
11Cl-PF3OUdS	763051-92-9	<0.924	0.924	0.995		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
PFDoA	307-55-1	<0.575	0.575	0.995		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
MeFOSA	31506-32-8	<1.33	1.33	1.49		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
PFTTrDA	72629-94-8	<0.581	0.581	0.995		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
PFDoS	79780-39-5	<0.470	0.470	0.995		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
PFTeDA	376-06-7	<0.313	0.313	0.498		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
EtFOSA	4151-50-2	<1.04	1.04	1.49		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
MeFOSE	24448-09-7	<0.890	0.890	1.99		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
EtFOSE	1691-99-2	<0.856	0.856	1.99		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	79.6	25 - 150			B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
13C3-PFPeA	IS	81.4	25 - 150			B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1
13C3-PFBS	IS	70.7	25 - 150			B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1

Sample ID: HA-B-15					PFAS Isotope Dilution Method					
Client Data				Laboratory Data						
Name:	AECOM		Matrix:	Soil	Lab Sample:	2411163-11		Column:	BEH C18	
Project:	Chippewa Valley Regional Airport / 60733686		Date Collected:	18-Nov-24 13:40	Date Received:	21-Nov-24 09:15				
Location:	CVRA				% Solids:	84.4				
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-4:2 FTS	IS	109	25 - 150		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1	
13C2-PFHxA	IS	75.8	25 - 150		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1	
13C3-HFPO-DA	IS	82.6	25 - 150		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1	
13C4-PFHpA	IS	76.6	25 - 150		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1	
13C3-PFHxS	IS	84.6	25 - 150		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1	
13C2-6:2 FTS	IS	80.8	25 - 150		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1	
13C2-PFOA	IS	71.0	25 - 150		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1	
13C5-PFNA	IS	62.1	25 - 150		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1	
13C8-PFOA	IS	51.3	10 - 150		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1	
13C8-PFOS	IS	82.0	25 - 150		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1	
13C2-PFDA	IS	59.5	25 - 150		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1	
13C2-8:2 FTS	IS	79.2	25 - 150		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1	
d3-MeFOSAA	IS	61.2	25 - 150		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1	
d5-EtFOSAA	IS	60.0	25 - 150		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1	
13C2-PFUnA	IS	56.1	25 - 150		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1	
13C2-PFDoA	IS	61.6	25 - 150		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1	
d3-MeFOSA	IS	24.4	10 - 150		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1	
13C2-PFTeDA	IS	57.9	25 - 150		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1	
d5-EtFOSA	IS	29.4	10 - 150		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1	
d7-MeFOSE	IS	43.1	10 - 150		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1	
d9-EtFOSE	IS	46.6	10 - 150		B24K237	25-Nov-24	1.19 g	27-Nov-24 23:44	1	

MDL - Method Detection Limit

RL - Reporting limit

The results are reported in dry weight.
The sample size is reported in wet weight.
Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: HA-B-16					PFAS Isotope Dilution Method					
Client Data Name: AECOM Project: Chippewa Valley Regional Airport / 60733686 Matrix: Soil Date Collected: 18-Nov-24 13:50					Laboratory Data Lab Sample: 2411163-12 Date Received: 21-Nov-24 09:15 % Solids: 89.7 Column: BEH C18					
Analyte	CAS Number	Conc. (ng/g)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	<0.331	0.331	0.502		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
PFPeA	2706-90-3	<0.374	0.374	0.502		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
PFBS	375-73-5	<0.482	0.482	1.00		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
4:2 FTS	757124-72-4	<0.587	0.587	1.00		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
PFHxA	307-24-4	<0.331	0.331	0.502		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
PFPeS	2706-91-4	<0.484	0.484	1.00		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
HFPO-DA	13252-13-6	<0.607	0.607	1.00		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
PFHpA	375-85-9	<0.378	0.378	0.502		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
ADONA	919005-14-4	<0.350	0.350	0.502		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
PFHxS	355-46-4	<0.578	0.578	1.00		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
6:2 FTS	27619-97-2	<0.484	0.484	1.00		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
PFOA	335-67-1	<0.396	0.396	0.502		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
PFHpS	375-92-8	<0.633	0.633	1.00		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
PFNA	375-95-1	<0.414	0.414	0.502		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
PFOSA	754-91-6	<0.589	0.589	1.00		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
PFOS	1763-23-1	<0.687	0.687	1.00		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
9Cl-PF3ONS	756426-58-1	<0.366	0.366	0.502		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
PFDA	335-76-2	<0.402	0.402	0.502		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
8:2 FTS	39108-34-4	<0.818	0.818	1.00		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
PFNS	68259-12-1	<0.578	0.578	1.00		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
MeFOSAA	2355-31-9	<0.416	0.416	0.502		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
EtFOSAA	2991-50-6	<0.486	0.486	0.502		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
PFUnA	2058-94-8	<0.444	0.444	1.00		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
PFDS	335-77-3	<0.548	0.548	1.00		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
11Cl-PF3OUdS	763051-92-9	<0.932	0.932	1.00		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
PFDaA	307-55-1	<0.580	0.580	1.00		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
MeFOSA	31506-32-8	<1.34	1.34	1.51		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
PFTTrDA	72629-94-8	<0.587	0.587	1.00		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
PFDoS	79780-39-5	<0.474	0.474	1.00		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
PFTeDA	376-06-7	<0.315	0.315	0.502		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
EtFOSA	4151-50-2	<1.05	1.05	1.51		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
MeFOSE	24448-09-7	<0.898	0.898	2.01		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
EtFOSE	1691-99-2	<0.864	0.864	2.01		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	77.2	25 - 150			B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
13C3-PFPeA	IS	77.5	25 - 150			B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
13C3-PFBS	IS	76.9	25 - 150			B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1

Sample ID: HA-B-16

PFAS Isotope Dilution Method

Client Data				Laboratory Data			
Name:	AECOM	Matrix:	Soil	Lab Sample:	2411163-12	Column:	BEH C18
Project:	Chippewa Valley Regional Airport / 60733686	Date Collected:	18-Nov-24 13:50	Date Received:	21-Nov-24 09:15		
				% Solids:	89.7		

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-4:2 FTS	IS	84.8	25 - 150		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
13C2-PFHxA	IS	70.6	25 - 150		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
13C3-HFPO-DA	IS	82.6	25 - 150		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
13C4-PFHpA	IS	69.9	25 - 150		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
13C3-PFHxS	IS	74.4	25 - 150		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
13C2-6:2 FTS	IS	78.7	25 - 150		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
13C2-PFOA	IS	69.2	25 - 150		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
13C5-PFNA	IS	64.4	25 - 150		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
13C8-PFOA	IS	48.7	10 - 150		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
13C8-PFOS	IS	75.2	25 - 150		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
13C2-PFDA	IS	61.6	25 - 150		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
13C2-8:2 FTS	IS	84.0	25 - 150		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
d3-MeFOSAA	IS	55.2	25 - 150		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
d5-EtFOSAA	IS	58.0	25 - 150		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
13C2-PFUnA	IS	57.6	25 - 150		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
13C2-PFDoA	IS	65.2	25 - 150		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
d3-MeFOSA	IS	15.5	10 - 150		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
13C2-PFTeDA	IS	48.9	25 - 150		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
d5-EtFOSA	IS	15.7	10 - 150		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
d7-MeFOSE	IS	46.4	10 - 150		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1
d9-EtFOSE	IS	44.4	10 - 150		B24K237	25-Nov-24	1.11 g	27-Nov-24 23:54	1

MDL - Method Detection Limit

RL - Reporting limit

The results are reported in dry weight.
The sample size is reported in wet weight.
Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: Method Blank					PFAS Isotope Dilution Method					
Client Data Name: AECOM Matrix: Aqueous Project: Chippewa Valley Regional Airport / 60733686					Laboratory Data Lab Sample: B24K234-BLK1 Column: BEH C18					
Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	<0.990	0.990	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
PFPeA	2706-90-3	<1.14	1.14	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
PFBS	375-73-5	<0.990	0.990	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
4:2 FTS	757124-72-4	<1.38	1.38	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
PFHxA	307-24-4	<1.03	1.03	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
PFPeS	2706-91-4	<1.17	1.17	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
HFPO-DA	13252-13-6	<0.825	0.825	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
PFHpA	375-85-9	<0.790	0.790	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
ADONA	919005-14-4	<0.785	0.785	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
PFHxS	355-46-4	<1.40	1.40	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
6:2 FTS	27619-97-2	<0.960	0.960	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
PFOA	335-67-1	<0.770	0.770	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
PFHpS	375-92-8	<1.41	1.41	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
PFNA	375-95-1	<0.925	0.925	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
PFOSA	754-91-6	<1.28	1.28	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
PFOS	1763-23-1	<1.99	1.99	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
9Cl-PF3ONS	756426-58-1	<1.20	1.20	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
PFDA	335-76-2	<0.970	0.970	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
8:2 FTS	39108-34-4	<1.28	1.28	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
PFNS	68259-12-1	<1.79	1.79	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
MeFOSAA	2355-31-9	<0.970	0.970	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
EtFOSAA	2991-50-6	<1.11	1.11	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
PFUnA	2058-94-8	<0.975	0.975	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
PFDS	335-77-3	<1.24	1.24	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
11Cl-PF3OUdS	763051-92-9	<0.945	0.945	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
PFDoA	307-55-1	<1.04	1.04	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
MeFOSA	31506-32-8	<1.97	1.97	4.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
PFTTrDA	72629-94-8	<0.890	0.890	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
PFDoS	79780-39-5	<1.91	1.91	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
PFTeDA	376-06-7	<1.38	1.38	2.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
EtFOSA	4151-50-2	<1.81	1.81	4.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
MeFOSE	24448-09-7	<3.24	3.24	4.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
EtFOSE	1691-99-2	<1.79	1.79	4.00		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	101	25 - 150			B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
13C3-PFPeA	IS	95.3	25 - 150			B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
13C3-PFBS	IS	100	25 - 150			B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1
13C2-4:2 FTS	IS	106	25 - 150			B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1

Sample ID: Method Blank					PFAS Isotope Dilution Method					
Client Data Name: AECOM Matrix: Aqueous Project: Chippewa Valley Regional Airport / 60733686					Laboratory Data Lab Sample: B24K234-BLK1 Column: BEH C18					
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-PFHxA	IS	114	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1	
13C3-HFPO-DA	IS	104	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1	
13C4-PFHpA	IS	87.1	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1	
13C3-PFHxS	IS	95.4	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1	
13C2-6:2 FTS	IS	93.3	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1	
13C2-PFOA	IS	94.8	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1	
13C5-PFNA	IS	95.0	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1	
13C8-PFOSA	IS	56.5	10 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1	
13C8-PFOS	IS	111	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1	
13C2-PFDA	IS	81.5	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1	
13C2-8:2 FTS	IS	83.3	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1	
d3-MeFOSAA	IS	78.4	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1	
d5-EtFOSAA	IS	61.1	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1	
13C2-PFUnA	IS	71.9	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1	
13C2-PFDoA	IS	73.1	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1	
d3-MeFOSA	IS	28.8	10 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1	
13C2-PFTeDA	IS	69.5	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1	
d5-EtFOSA	IS	26.9	10 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1	
d7-MeFOSE	IS	40.9	10 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1	
d9-EtFOSE	IS	33.3	10 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:25	1	

MDL - Method Detection Limit

RL - Reporting limit

Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: OPR
PFAS Isotope Dilution Method

Client Data						Laboratory Data					
Name:	AECOM	Matrix:	Aqueous			Lab Sample:	B24K234-BS1	Column:	BEH C18		
Project:	Chippewa Valley Regional Airport / 60733686										
Analyte	CAS Number	Amt Found (ng/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	4.07	4.00	102	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
PFPeA	2706-90-3	3.72	4.00	93.0	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
PFBS	375-73-5	3.86	4.00	96.5	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
4:2 FTS	757124-72-4	3.77	4.00	94.4	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
PFHxA	307-24-4	3.65	4.00	91.3	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
PFPeS	2706-91-4	3.50	4.00	87.4	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
HFPO-DA	13252-13-6	4.07	4.00	102	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
PFHpA	375-85-9	3.62	4.00	90.5	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
ADONA	919005-14-4	3.68	4.00	92.0	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
PFHxS	355-46-4	3.74	4.00	93.5	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
6:2 FTS	27619-97-2	2.85	4.00	71.2	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
PFOA	335-67-1	3.80	4.00	95.1	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
PFHpS	375-92-8	3.88	4.00	97.1	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
PFNA	375-95-1	3.53	4.00	88.2	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
PFOSA	754-91-6	3.81	4.00	95.2	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
PFOS	1763-23-1	3.43	4.00	85.7	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
9CI-PF3ONS	756426-58-1	2.98	4.00	74.5	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
PFDA	335-76-2	3.78	4.00	94.5	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
8:2 FTS	39108-34-4	3.52	4.00	88.1	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
PFNS	68259-12-1	3.65	4.00	91.3	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
MeFOSAA	2355-31-9	3.62	4.00	90.5	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
EtFOSAA	2991-50-6	4.36	4.00	109	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
PFUnA	2058-94-8	3.60	4.00	90.1	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
PFDS	335-77-3	3.14	4.00	78.5	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
11CI-PF3OUdS	763051-92-9	4.31	4.00	108	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
PFDaA	307-55-1	3.75	4.00	93.8	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
MeFOSA	31506-32-8	4.36	4.00	109	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
PFTTrDA	72629-94-8	3.54	4.00	88.6	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
PFDoS	79780-39-5	4.36	4.00	109	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
PFTeDA	376-06-7	3.54	4.00	88.4	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
EtFOSA	4151-50-2	3.25	4.00	81.2	50 - 150	J	B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
MeFOSE	24448-09-7	4.17	4.00	104	50 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
EtFOSE	1691-99-2	3.45	4.00	86.2	50 - 150	J	B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
Labeled Standards		Type		% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution

Sample ID: OPR
PFAS Isotope Dilution Method

Client Data					Laboratory Data				
Name:	AECOM	Matrix:	Aqueous		Lab Sample:	B24K234-BS1	Column:	BEH C18	
Project:	Chippewa Valley Regional Airport / 60733686								
Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	95.0	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
13C3-PFPeA	IS	99.3	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
13C3-PFBS	IS	101	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
13C2-4:2 FTS	IS	92.0	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
13C2-PFHxA	IS	109	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
13C3-HFPO-DA	IS	100	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
13C4-PFHpA	IS	89.1	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
13C3-PFHxS	IS	89.2	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
13C2-6:2 FTS	IS	95.5	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
13C2-PFOA	IS	94.3	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
13C5-PFNA	IS	94.2	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
13C8-PFOSA	IS	56.9	10 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
13C8-PFOS	IS	107	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
13C2-PFDA	IS	85.9	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
13C2-8:2 FTS	IS	76.4	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
d3-MeFOSAA	IS	75.9	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
d5-EtFOSAA	IS	62.7	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
13C2-PFUnA	IS	73.7	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
13C2-PFDoA	IS	73.9	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
d3-MeFOSA	IS	32.3	10 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
13C2-PFTeDA	IS	73.8	25 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
d5-EtFOSA	IS	29.5	10 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
d7-MeFOSE	IS	43.1	10 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1
d9-EtFOSE	IS	35.3	10 - 150		B24K234	27-Nov-24	0.250 L	02-Dec-24 19:35	1

Sample ID: EQ-111824					PFAS Isotope Dilution Method					
Client Data Name: AECOM Project: Chippewa Valley Regional Airport / 60733686 Location: CVRA					Laboratory Data Lab Sample: 2411163-13 Date Received: 21-Nov-24 09:15 Column: BEH C18					
Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	<1.01	1.01	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
PFPeA	2706-90-3	<1.16	1.16	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
PFBS	375-73-5	<1.01	1.01	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
4:2 FTS	757124-72-4	<1.41	1.41	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
PFHxA	307-24-4	<1.05	1.05	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
PFPeS	2706-91-4	<1.20	1.20	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
HFPO-DA	13252-13-6	<0.844	0.844	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
PFHpA	375-85-9	<0.809	0.809	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
ADONA	919005-14-4	<0.803	0.803	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
PFHxS	355-46-4	<1.43	1.43	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
6:2 FTS	27619-97-2	<0.983	0.983	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
PFOA	335-67-1	<0.788	0.788	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
PFHpS	375-92-8	<1.44	1.44	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
PFNA	375-95-1	<0.947	0.947	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
PFOSA	754-91-6	<1.31	1.31	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
PFOS	1763-23-1	<2.03	2.03	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
9Cl-PF3ONS	756426-58-1	<1.23	1.23	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
PFDA	335-76-2	<0.993	0.993	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
8:2 FTS	39108-34-4	<1.31	1.31	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
PFNS	68259-12-1	<1.83	1.83	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
MeFOSAA	2355-31-9	<0.993	0.993	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
EtFOSAA	2991-50-6	<1.14	1.14	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
PFUnA	2058-94-8	<0.998	0.998	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
PFDS	335-77-3	<1.27	1.27	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
11Cl-PF3OUdS	763051-92-9	<0.967	0.967	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
PFDoA	307-55-1	<1.06	1.06	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
MeFOSA	31506-32-8	<2.01	2.01	4.09		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
PFTTrDA	72629-94-8	<0.911	0.911	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
PFDoS	79780-39-5	<1.95	1.95	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
PFTeDA	376-06-7	<1.41	1.41	2.05		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
EtFOSA	4151-50-2	<1.85	1.85	4.09		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
MeFOSE	24448-09-7	<3.31	3.31	4.09		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
EtFOSE	1691-99-2	<1.83	1.83	4.09		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	105	25 - 150			B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
13C3-PFPeA	IS	102	25 - 150			B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1
13C3-PFBS	IS	110	25 - 150			B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1

Sample ID: EQ-111824					PFAS Isotope Dilution Method					
Client Data Name: AECOM Project: Chippewa Valley Regional Airport / 60733686 Location: CVRA					Laboratory Data Lab Sample: 2411163-13 Date Received: 21-Nov-24 09:15 Column: BEH C18					
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-4:2 FTS	IS	105	25 - 150		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1	
13C2-PFHxA	IS	111	25 - 150		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1	
13C3-HFPO-DA	IS	109	25 - 150		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1	
13C4-PFHpA	IS	87.2	25 - 150		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1	
13C3-PFHxS	IS	92.8	25 - 150		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1	
13C2-6:2 FTS	IS	102	25 - 150		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1	
13C2-PFOA	IS	102	25 - 150		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1	
13C5-PFNA	IS	103	25 - 150		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1	
13C8-PFOA	IS	62.6	10 - 150		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1	
13C8-PFOS	IS	119	25 - 150		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1	
13C2-PFDA	IS	95.3	25 - 150		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1	
13C2-8:2 FTS	IS	97.4	25 - 150		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1	
d3-MeFOSAA	IS	93.5	25 - 150		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1	
d5-EtFOSAA	IS	73.4	25 - 150		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1	
13C2-PFUnA	IS	90.3	25 - 150		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1	
13C2-PFDoA	IS	89.8	25 - 150		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1	
d3-MeFOSA	IS	31.2	10 - 150		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1	
13C2-PFTeDA	IS	80.9	25 - 150		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1	
d5-EtFOSA	IS	28.7	10 - 150		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1	
d7-MeFOSE	IS	44.9	10 - 150		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1	
d9-EtFOSE	IS	41.0	10 - 150		B24K234	27-Nov-24	0.244 L	02-Dec-24 19:45	1	

MDL - Method Detection Limit

RL - Reporting limit

Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: Source H2O					PFAS Isotope Dilution Method					
Client Data Name: AECOM Project: Chippewa Valley Regional Airport / 60733686 Location: CVRA					Laboratory Data Lab Sample: 2411163-14 Date Received: 21-Nov-24 09:15 Column: BEH C18					
Analyte	CAS Number	Conc. (ng/L)	MDL	RL	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	<1.01	1.01	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
PFPeA	2706-90-3	<1.16	1.16	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
PFBS	375-73-5	<1.01	1.01	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
4:2 FTS	757124-72-4	<1.40	1.40	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
PFHxA	307-24-4	<1.05	1.05	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
PFPeS	2706-91-4	<1.19	1.19	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
HFPO-DA	13252-13-6	<0.842	0.842	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
PFHpA	375-85-9	<0.806	0.806	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
ADONA	919005-14-4	<0.801	0.801	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
PFHxS	355-46-4	<1.42	1.42	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
6:2 FTS	27619-97-2	<0.980	0.980	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
PFOA	335-67-1	<0.786	0.786	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
PFHpS	375-92-8	<1.43	1.43	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
PFNA	375-95-1	<0.944	0.944	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
PFOSA	754-91-6	<1.30	1.30	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
PFOS	1763-23-1	<2.03	2.03	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
9Cl-PF3ONS	756426-58-1	<1.22	1.22	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
PFDA	335-76-2	<0.990	0.990	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
8:2 FTS	39108-34-4	<1.30	1.30	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
PFNS	68259-12-1	<1.82	1.82	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
MeFOSAA	2355-31-9	<0.990	0.990	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
EtFOSAA	2991-50-6	<1.13	1.13	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
PFUnA	2058-94-8	<0.995	0.995	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
PFDS	335-77-3	<1.27	1.27	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
11Cl-PF3OUdS	763051-92-9	<0.964	0.964	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
PFDoA	307-55-1	<1.06	1.06	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
MeFOSA	31506-32-8	<2.00	2.00	4.08		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
PFTTrDA	72629-94-8	<0.908	0.908	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
PFDoS	79780-39-5	<1.95	1.95	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
PFTeDA	376-06-7	<1.41	1.41	2.04		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
EtFOSA	4151-50-2	<1.84	1.84	4.08		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
MeFOSE	24448-09-7	<3.30	3.30	4.08		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
EtFOSE	1691-99-2	<1.82	1.82	4.08		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	105	25 - 150			B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
13C3-PFPeA	IS	101	25 - 150			B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
13C3-PFBS	IS	103	25 - 150			B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1

Sample ID: Source H2O				PFAS Isotope Dilution Method					
Client Data				Laboratory Data					
Name:	AECOM	Matrix:	Aqueous	Lab Sample:	2411163-14	Column:	BEH C18		
Project:	Chippewa Valley Regional Airport / 60733686	Date Collected:	18-Nov-24 12:15	Date Received:	21-Nov-24 09:15				
Location:	CVRA								
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-4:2 FTS	IS	103	25 - 150		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
13C2-PFHxA	IS	114	25 - 150		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
13C3-HFPO-DA	IS	110	25 - 150		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
13C4-PFHpA	IS	94.4	25 - 150		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
13C3-PFHxS	IS	87.0	25 - 150		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
13C2-6:2 FTS	IS	103	25 - 150		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
13C2-PFOA	IS	101	25 - 150		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
13C5-PFNA	IS	103	25 - 150		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
13C8-PFOA	IS	52.5	10 - 150		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
13C8-PFOS	IS	102	25 - 150		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
13C2-PFDA	IS	94.7	25 - 150		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
13C2-8:2 FTS	IS	87.6	25 - 150		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
d3-MeFOSAA	IS	80.8	25 - 150		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
d5-EtFOSAA	IS	72.8	25 - 150		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
13C2-PFUnA	IS	88.5	25 - 150		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
13C2-PFDoA	IS	84.1	25 - 150		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
d3-MeFOSA	IS	29.0	10 - 150		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
13C2-PFTeDA	IS	77.4	25 - 150		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
d5-EtFOSA	IS	28.6	10 - 150		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
d7-MeFOSE	IS	35.0	10 - 150		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1
d9-EtFOSE	IS	32.7	10 - 150		B24K234	27-Nov-24	0.245 L	02-Dec-24 19:56	1

MDL - Method Detection Limit

RL - Reporting limit

Results reported to MDL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

DATA QUALIFIERS & ABBREVIATIONS

B	This compound was also detected in the method blank
Conc.	Concentration
CRS	Cleanup Recovery Standard
D	Dilution
DL	Detection Limit
E	The associated compound concentration exceeded the calibration range of the instrument
H	Recovery and/or RPD was outside laboratory acceptance limits
I	Chemical Interference
IS	Internal Standard
J	The amount detected is below the Reporting Limit/LOQ
LOD	Limit of Detection
LOQ	Limit of Quantitation
M	Estimated Maximum Possible Concentration (CA Region 2 projects only)
MDL	Method Detection Limit
NA	Not applicable
ND	Not Detected
OPR	Ongoing Precision and Recovery sample
P	The reported concentration may include contribution from chlorinated diphenyl ether(s).
Q	The ion transition ratio is outside of the acceptance criteria.
RL	Reporting Limit
RL	For 537.1, the reported RLs are the MRLs.
TEQ	Toxic Equivalency, sum of the toxic equivalency factors (TEF) multiplied by the sample concentrations.
TEQMax	TEQ calculation that uses the detection limit as the concentration for non-detects
TEQMin	TEQ calculation that uses zero as the concentration for non-detects
TEQRisk	TEQ calculation that uses ½ the detection limit as the concentration for non-detects
U	Not Detected (specific projects only)
*	See Cover Letter

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.

Enthalpy Analytical - EDH Certifications

Accrediting Authority	Certificate Number
Alaska Department of Environmental Conservation	17-013
Arkansas Department of Environmental Quality	21-023-0
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025	3091.01
Florida Department of Health	E87777
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2020018
Michigan Department of Environmental Quality	9932
Minnesota Department of Health	2211390
Nevada Division of Environmental Protection	CA00413
New Hampshire Environmental Accreditation Program	207721
New Jersey Department of Environmental Protection	CA003
New York Department of Health	11411
Ohio Environmental Protection Agency	87778
Oregon Laboratory Accreditation Program	4042-021
Texas Commission on Environmental Quality	T104704189-22-13
Vermont Department of Health	VT-4042
Virginia Department of General Services	11276
Washington Department of Ecology	C584
Wisconsin Department of Natural Resources	998036160

Current certificates and lists of licensed parameters can be found at Enthalpy.com/Resources/Accreditations.



CHAIN OF CUSTODY

PFAS Methods

For Laboratory Use Only

Work Order #: 2411163 Temp: 0.8 °C
Storage ID: L-13, W-2 Storage Secured: ☒ Yes ☐ No

Project ID: 60233686

PO#:

Sampler:

Brittany Grosskopf
(name)

TAT
(check one):

Standard: ☒ 21 days

Rush (surcharge may apply)

☐ 14 days ☐ 7 days Other: _____

Invoice to: Name

Company

Address

City

State

Phone #

AECOM

COUPA

Relinquished by (printed name and signature)

Date

Time

Received by (printed name and signature)

Date

Time

Brittany Grosskopf 11/20/24 1600

Marissa Sparks

11/21/24 0915

Relinquished by (printed name and signature)

Date

Time

Received by (printed name and signature)

Date

Time

SHIP TO: Enthalpy Analytical - EDH
1104 Windfield Way
El Dorado Hills, CA 95762
(916) 673-1520

ATTN:

Mark Rein

Method of Shipment:

FedEx

Tracking No.:

Add Analysis(es) Requested:

Container(s)

Quantity

Type

Matrix

PFAS by Isotope Dilution

EPA 1631-Draft

EPA 1713-FINAL

DoD QSM Table B-15

Other:

EPA 533

EPA 537.1

List of 29 (537.1 + 533)

PFAS by Isotope Dilution

Drinking Water

Requirements:

☒ State-specific (list state):

WI, IL, + 33

☐ DoD QSM Compliant

☐ PFAS List Below (or attach compound list):

Sample ID	Date	Time	Location/ Sample Description	Quantity	Type	Matrix	PFAS by Isotope Dilution	EPA 1631-Draft	EPA 1713-FINAL	DoD QSM Table B-15	Other:	EPA 533	EPA 537.1	List of 29 (537.1 + 533)
HA-A-40	11/18/24	1520	CVRA	1	SO	PJ								
HA-A-41		1510		1	SO	PJ								
HA-A-42		1450		1	SO	PJ								
HA-A-43		1440		1										
HA-A-44		1430		1										
HA-B-10		1255		1										
HA-B-11		1310		1										
HA-B-12		1320		1										
HA-B-13		1330		1										
HA-B-14		1240		1										

Other Instructions/ Comments:

e-mail results to d as well:

brittany.grosskopf@aecom.com

SEND
DOCUMENTATION
AND RESULTS TO:

Name: Dave Henderson

Company: AECOM

Address:

City:

State:

Zip:

Phone:

Email: dave.henderson@aecom.com

Container Types: P= HDPE, PJ= HDPE Jar

PY= Polypropylene, O = Other: _____

Bottle Preservation Type:

TZ = Trizma: _____

AA = Amm Acetate: _____

Matrix Types: AQ = Aqueous, DW = Drinking Water, EF = Effluent, SD = Sediment, T=Tissue

SL = Sludge, SO = Soil, WW = Wastewater, O = Other _____

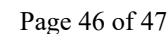
ID: LR-COC

Rev. No. 4

Rev. Date:

6/24/2024

Page: 1 of 1



CoC/Label Reconciliation Report WO# 2411163

LabNumber	CoC Sample ID		SampleAlias	Sample Date/Time		Container	BaseMatrix	Sample Comments
2411163-01	A HA-A-40	☒	CVRA	18-Nov-24 15:20	☒	HDPE Jar, 6 oz	Solid	
2411163-02	A HA-A-41	☒	CVRA	18-Nov-24 15:10	☒	HDPE Jar, 6 oz	Solid	
2411163-03	A HA-A-42	☒	CVRA	18-Nov-24 14:50	☒	HDPE Jar, 6 oz	Solid	
2411163-04	A HA-A-43	☒	CVRA	18-Nov-24 14:40	☒	HDPE Jar, 6 oz	Solid	
2411163-05	A HA-A-44	☒	CVRA	18-Nov-24 14:30	☒	HDPE Jar, 6 oz	Solid	
2411163-06	A HA-B-10	☒	CVRA	18-Nov-24 12:55	☒	HDPE Jar, 6 oz	Solid	
2411163-07	A HA-B-11	☒	CVRA	18-Nov-24 13:10	☒	HDPE Jar, 6 oz	Solid	
2411163-08	A HA-B-12	☒	CVRA	18-Nov-24 13:20	☒	HDPE Jar, 6 oz	Solid	
2411163-09	A HA-B-13	☒	CVRA	18-Nov-24 13:30	☒	HDPE Jar, 6 oz	Solid	
2411163-10	A HA-B-14	☒	CVRA	18-Nov-24 12:40	☒	HDPE Jar, 6 oz	Solid	
2411163-11	A HA-B-15	☒	CVRA	18-Nov-24 13:40	☒	HDPE Jar, 6 oz	Solid	
2411163-12	A HA-B-16	☒	CVRA <i>HA 11/21/24</i>	18-Nov-24 13:50	☒	HDPE Jar, 8 oz	Solid	
2411163-13	A EQ-111824	☒	CVRA	18-Nov-24 14:00	☒	HDPE Bottle, 250 mL	Aqueous	
2411163-13	B EQ-111824	☒	CVRA	18-Nov-24 14:00	☒	HDPE Bottle, 250 mL	Aqueous	
2411163-14	A Source <u>H2O</u>	☒ <i>D</i>	CVRA	18-Nov-24 12:15	☒	HDPE Bottle, 250 mL	Aqueous	
2411163-14	B Source H2O	☐ <i>D</i>	CVRA	18-Nov-24 12:15	☒	HDPE Bottle, 250 mL	Aqueous	

Checkmarks indicate that information on the COC reconciled with the sample label.

Any discrepancies are noted in the following columns.

	Yes	No	NA
Sample Container Intact?	☒	☐	☐
Sample Custody Seals Intact?	☐	☐	☒
Adequate Sample Volume?	☒	☐	☐
Container Type Appropriate for Analysis(es)	☒	☐	☐

Comments:

D Underlined part listed on sample label water
D Sample label is - Source water

Preservation Documented: Na2S2O3 Trizma NH4CH3CO2 None Other

Verified by/Date: *HA 11/21/24*
IGBB 11/21/2024