



ANALYTICAL REPORT

Lab Number:	L2209881
Client:	Randolph-Holbrook Joint Water Board 275 Pond St. Randolph, MA 02368
ATTN:	Paul Hennessy
Phone:	(781) 964-9292
Project Name:	STANNEYS
Project Number:	4133002
Report Date:	03/11/22

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: STANNEYS
Project Number: 4133002

Lab Number: L2209881
Report Date: 03/11/22

SAMPLE RESULTS

Lab ID: L2209881-01
Client ID: FINISHED
Sample Location: KIOSK

Date Collected: 02/23/22 10:30
Date Received: 02/24/22
Field Prep: Not Specified

Sample Depth:

Matrix: Dw
Analytical Method: 133,537.1
Analytical Date: 03/03/22 20:41
Analyst: LV

Extraction Method: EPA 537.1
Extraction Date: 03/03/22 11:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 537.1 - Mansfield Lab						
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.661	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.661	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	2.00	0.661	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.661	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.661	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	2.00	0.661	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.661	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.661	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.661	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.661	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	2.00	0.661	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.661	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.661	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.661	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.661	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	2.00	0.661	1
Perfluorotridecanoic Acid (PFTTrDA)	ND		ng/l	2.00	0.661	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.661	1
PFAS, Total (6)	ND		ng/l	2.00	0.661	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[1,2-13C2]hexanoic Acid (13C-PFHxA)	92		70-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	104		70-130
Perfluoro-n-[1,2-13C2]decanoic Acid (13C-PFDA)	94		70-130
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	102		70-130



Project Name: STANNEYS
Project Number: 4133002

Lab Number: L2209881
Report Date: 03/11/22

Method Blank Analysis Batch Quality Control

Analytical Method: 133,537.1
Analytical Date: 03/03/22 18:30
Analyst: LV

Extraction Method: EPA 537.1
Extraction Date: 03/03/22 11:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 537.1 - Mansfield Lab for sample(s): 01 Batch: WG1611179-1					
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.668
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.668
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	2.00	0.668
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.668
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.668
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	2.00	0.668
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.668
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.668
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.668
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.668
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	2.00	0.668
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.668
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.668
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.668
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.668
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	2.00	0.668
Perfluorotridecanoic Acid (PFTTrDA)	ND		ng/l	2.00	0.668
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.668
PFAS, Total (6)	ND		ng/l	2.00	0.668

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[1,2-13C2]hexanoic Acid (13C-PFHxA)	108		70-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	116		70-130
Perfluoro-n-[1,2-13C2]decanoic Acid (13C-PFDA)	115		70-130
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	116		70-130

