



## Per- and Polyfluoroalkyl Substances (PFAS) Report

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## I. PWS INFORMATION: Please refer to your MassDEP Water Quality Sampling Schedule (WQSS) to help complete this form

PWS ID #: 4122000 City / Town: HANOVER

PWS Name: HANOVER WATER DEPT PWS Class: COM ☒ NTNC ☐ TNC ☐

MassDEP Location (LOC) ID#	MassDEP Location Name	Sample Information	Date Collected	Collected By
10375	PHILIP BEAL TREATMENT PLANT (09G & 10G)	<input type="checkbox"/> (M)ultiple <input checked="" type="checkbox"/> (S)ingle <input type="checkbox"/> (R)aw <input checked="" type="checkbox"/> (F)inished	07/20/21	AP
Routine or Special Sample	Original, Resubmitted or Confirmation Report	If Resubmitted Report, list below:		
		(1) Reason for Resubmission	(2) Collection Date of Original Sample	
<input checked="" type="checkbox"/> RS <input type="checkbox"/> SS	<input checked="" type="checkbox"/> Original <input type="checkbox"/> Resubmitted <input type="checkbox"/> Confirmation	<input type="checkbox"/> Resample <input type="checkbox"/> Reanalysis <input type="checkbox"/> Report Correction		
SAMPLE COMMENTS - Such as, if a Manifold/Multiple sample, list the source(s) that were on-line during sample collection or if this is a field reagent blank				

## II. ANALYTICAL LABORATORY INFORMATION:

Primary Lab Cert. #: M-MA086 Primary Lab Name: Alpha Analytical Labs Subcontracted? (Y/N) Y

Analysis Lab Cert. #: M-MA030 Analysis Lab Name: Alpha Analytical Labs

If Analysis Lab is not certified by MassDEP or U.S. EPA, list certification authority:

Lab Method	Date Extracted	Date Analyzed	Dilution Factor	Lab Sample IDs#	
537.1	07/23/21	07/25/21	1	Primary Lab:	L2138713-02 RE
				Subcontracted Lab:	L2138713-02 RE

CAS#	REGULATED PFAS CONTAMINANTS	Result <sup>1</sup> ng/L	Result <sup>2</sup> Qualifier	MCL* ng/L	MDL ng/L	MRL ng/L
1763-23-1	Perfluorooctane Sulfonic Acid (PFOS)	1.98			0.601	1.80
335-67-1	Perfluorooctanoic Acid (PFOA)	3.46			0.601	1.80
355-46-4	Perfluorohexane Sulfonic Acid (PFHxS)	1.62	J		0.601	1.80
375-95-1	Perfluorononanoic Acid (PFNA)	ND			0.601	1.80
375-85-9	Perfluorohexanoic Acid (PFHpA)	1.76	J		0.601	1.80
335-76-2	Perfluorodecanoic acid (PFDA)	ND			0.601	1.80
PFAS6 (sum of PFOS, PFOA, PFHxS, PFNA, PFHpA and PFDA; only include Results at or above the MRL; do not include estimated Results as described by a Result Qualifier in the next column)		5.44	--	20		
	UNREGULATED PFAS CONTAMINANTS					
375-73-5	Perfluorobutane sulfonic acid (PFBS)	1.26	J		0.601	1.80
307-55-1	Perfluorododecanoic acid (PFDoA)	ND			0.601	1.80
307-24-4	Perfluorohexanoic acid (PFHxA)	2.84			0.601	1.80
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND			0.601	1.80
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND			0.601	1.80
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND			0.601	1.80
2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND			0.601	1.80
2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND			0.601	1.80
763051-92-9	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-PF3OUdS)	ND			0.601	1.80
756426-58-1	9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9CI-PF3ONS)	ND			0.601	1.80
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND			0.601	1.80
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND			0.601	1.80

<sup>1</sup> A field reagent blank (FRB) must be analyzed and reported on a separate PFAS form if any PFAS are detected above the MRL.

<sup>2</sup> All qualifiers must be described under Lab Analysis Comments on page 2.