



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 DEPARTMENT** PWS Class: **COM** ☒ **NTNC** ☐ **TNC** ☐

MassDEP Location (LOC) ID#	MassDEP Location Name	Sample Information	Date Collected	Collected By
10386	BROADWAY WTP	<input checked="" type="checkbox"/> (M)ultiple <input type="checkbox"/> (S)ingle	04/26/21	N.M.
		<input type="checkbox"/> (R)aw <input checked="" type="checkbox"/> (F)inished		
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	04/29/21	04/29/21	1	Primary Lab:	L2121200-05
				Subcontracted Lab:	L2121200-05

CAS#	REGULATED PFAS CONTAMINANTS	Result ¹ ng/L	Result ² Qualifier	MCL* ng/L	MDL ng/L	MRL ng/L
1763-23-1	Perfluorooctane Sulfonic Acid (PFOS)	2.4			0.428	1.74
335-67-1	Perfluorooctanoic Acid (PFOA)	4.21			0.543	1.74
355-46-4	Perfluorohexane Sulfonic Acid (PFHxS)	1.22	J		0.418	1.74
375-95-1	Perfluorononanoic Acid (PFNA)	ND			0.414	1.74
375-85-9	Perfluoroheptanoic Acid (PFHpA)	1.50	J		0.226	1.74
335-76-2	Perfluorodecanoic acid (PFDA)	ND			0.560	1.74
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)		6.61	--	20		
UNREGULATED PFAS CONTAMINANTS						
375-73-5	Perfluorobutane sulfonic acid (PFBS)	1.84			0.247	1.74
307-55-1	Perfluorododecanoic acid (PFDoA)	ND			0.564	1.74
307-24-4	Perfluorohexanoic acid (PFHxA)	2.54			0.229	1.74
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND			0.376	1.74
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND			0.442	1.74
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND			0.372	1.74
2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND			0.487	1.74
2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND			0.522	1.74
763051-92-9	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-PF3OUdS)	ND			0.183	1.74
756426-58-1	9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9CI-PF3ONS)	ND			0.239	1.74
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND			0.062	1.74
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND			0.393	1.74

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

² All qualifiers must be described under Lab Analysis Comments on page 2.