



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	
RW-10G	PHILIP C. BEAL WELL #2	☐ (M)ultiple ☒ (S)ingle	☒ (R)aw ☐ (F)inished	04/26/21	N.M.
Routine or Special Sample	Original, Resubmitted or Confirmation Report	If Resubmitted Report, list below:			
		(1) Reason for Resubmission		(2) Collection Date of Original Sample	
☒ RS ☐ SS	☒ Original ☐ Resubmitted ☐ Confirmation	☐ Resample ☐ Reanalysis ☐ 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:	L2121200-15
				Subcontracted Lab:	L2121200-15

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)	2.43			0.461	1.87
335-67-1	Perfluorooctanoic Acid (PFOA)	3.74			0.584	1.87
355-46-4	Perfluorohexane Sulfonic Acid (PFHxS)	2.28			0.449	1.87
375-95-1	Perfluorononanoic Acid (PFNA)	0.449	J		0.446	1.87
375-85-9	Perfluorohexadecanoic Acid (PFHpA)	1.50	J		0.243	1.87
335-76-2	Perfluorodecanoic acid (PFDA)	ND			0.603	1.87
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)		8.45	--	20		
UNREGULATED PFAS CONTAMINANTS						
375-73-5	Perfluorobutane sulfonic acid (PFBS)	1.09	J		0.266	1.87
307-55-1	Perfluorododecanoic acid (PFDoA)	ND			0.607	1.87
307-24-4	Perfluorohexanoic acid (PFHxA)	2.73			0.246	1.87
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND			0.404	1.87
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND			0.476	1.87
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND			0.401	1.87
2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND			0.524	1.87
2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND			0.562	1.87
763051-92-9	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-PF3OUdS)	ND			0.197	1.87
756426-58-1	9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9CI-PF3ONS)	ND			0.258	1.87
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND			0.067	1.87
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND			0.423	1.87

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.