

Massachusetts Department of Environmental Protection - Drinking Water Program

PFAS

Submitted - Signed

PWS ID #: 4122000

City/Town: HANOVER

PWS Name: HANOVER WATER DEPT

PWS Class: COM

Primary Lab MA Cert #: MA030

Primary Lab Name: ALPHA ANALYTICAL

Location ID	Location	M/S:	D/S:	R/F:	Routine/ Special:	Collected By:	Collection Date:	O/R/C:	Resubmit Reason:	Original Collection
10374	POND ST TREATMENT PLANT (01G.05G.08G)	M	S		RS	Paul Cheney	9/17/2021	O		

Sample Comments:

Lab Sample ID:

Sample Compositing:

Composite Sample Comments:

L2150407-01

N

Analytical
Method:

Analytical Lab ID:

Analytical Lab:

Analysis
Date:Extraction
date:

Analysis Comments:

EPA 537.1

MA030

ALPHA ANALYTICAL

9/23/2021

9/23/2021

QA/QC Method1:

PERFLUORO-N-[1,2-13C2]HEXANOIC ACID
(13C-PFHXA)

QA/QC Result1:

79

QA/QC Method 2:

2,3,3,3-TETRAFLUORO-2-[1,1,2,2,3,3,3-HEPTAFLUOROPROPOXY]-13C3-PROPANOIC ACID
(M3HFPO-DA)

QA/QC Result 2:

70

QA/QC Method3:

PERFLUORO-N-[1,2-13C2]DECANOIC ACID
(13C-PFDA)

QA/QC Result3:

111

QA/QC Method4:

N-DEUTERIOETHYLPERFLUORO-1-
OCTANESULFONAMIDOACETIC ACID
(D5-NETFOAA)

QA/QC Result4:

100

CAS #	Contaminant:	Result:	UOM:	MCL (ORSG):	MDL:	MRL:	Dilution Factor	Result Qualifier	Result Qualifier Description
Regulated Contaminants									
335-76-2	PERFLUORODECANOIC ACID - PFDA	0.881	NG/L		0.613	2.00	1	J	Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL)
375-85-9	PERFLUOROHEPTANOIC ACID-PFHPA	3.52	NG/L		0.613	2.00	1		
355-48-4	PERFLUOROHXANESULFONIC ACID-PFHXS	2.13	NG/L		0.613	2.00	1		
375-95-1	PERFLUORONONANOIC ACID-PFNA	2.09	NG/L		0.613	2.00	1		
1763-23-1	PERFLUOROOCTANESULFONIC ACID-PFOS	13.4	NG/L		0.613	2.00	1		
335-67-1	PERFLUOROOCTANOIC ACID-PFOA	11.1	NG/L		0.613	2.00	1		
NONE	PFAS6	32.2	NG/L	20	0.613	2.00	1		

M/S = Multiple or Single sources represented in sample site.

D/S = Distribution or Source sample site.

R/F = Raw or Finished water sample site.

MDL = Method Detection Limit.

UOM = Unit of Measurement.

O/R/C = Original submittal or Resubmitted submittal or Confirmation sample.

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