

# Aquarion Water Company of Massachusetts 2022 PFAS Sampling Results

**Town/City: Dover**

**Water System Name: Dover Main**

All Results Reported as parts per trillion (ppt)

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Water System Name	Sample Location	Test Date	PFOA	PFOS	PFHpA	PFHxS	PFNA	PFDA	TOTAL	MassDEP	Other PFAS Tested with	
									PFAS (6)	MCL	Detections*	
Dover-Chickering	Chickering Wells, (POE)	Jan. 2022	7.3	2.6	2.7	ND	ND	ND	12.6	20	2.4	8.3
		Feb. 2022	7.9	2.6	2.5	J	ND	ND	13.0	20	2.5	7.6
		Mar. 2022	8.2	2.9	2.9	ND	ND	ND	14.0	20	2.1	7.9
		Apr. 2022	7.0	2.7	2.4	J	ND	ND	12.1	20	2.5	6.1
		May 2022	8.5	2.8	2.4	J	ND	ND	14.8	20	2.4	8.6
		Jul. 2022	11.1	3.7	3.4	J	ND	ND	18.2	20	3.2	9.6
		Aug. 2022	10.6	3.4	2.8	J	ND	ND	16.9	20	3.1	10.3
		Sep. 2022	11.5	3.7	3.2	J	ND	ND	18.4	20	3.4	10.6
		Oct. 2022	11.9	4.2	3.5	J	ND	ND	19.6	20	3.5	10.6
		Nov. 2022	11.3	4.3	3.3	J	ND	ND	18.9	20	3.9	9.7
Dover-Main	Draper Wells, (POE)**	Jan. 2022**	10.3	5.6	4.0	2.8	ND	ND	22.7	20	2.4	6.0
		May 2022***	13.1	6.9	4.2	2.1	ND	ND	26.4	20	3.1	7.1
		Jul. 2022***	11.9	6.0	4.0	3.3	J	ND	25.1	20	3.2	4.9
		Sep. 2022***	7.7	4.1	2.3	J	ND	ND	14.2	20	2.1	2.8
		Nov. 2022	10.8	5.0	4.2	2.4	ND	ND	22.4	20	2.8	4.2
	Draper Wells, (Raw)***	Feb. 2022***	10.8	5.7	4.8	2.4	J	ND	24.4		2.4	7.1
		Apr. 2022***	11.2	6.8	4.7	2.9	ND	ND	25.6		3.5	6.7
	Francis St Wells (POE)	Jan. 2022	2.1	2.0	ND	ND	ND	ND	4.2	20	2.3	ND
		Feb. 2022	J	J	J	J	ND	ND	2.2	20	2.2	J
		Mar. 2022	ND	2.2	ND	ND	ND	ND	2.2	20	2.1	ND
		Apr. 2022	J	J	J	J	ND	ND	ND	20	2.2	J
		May 2022	3.0	2.9	ND	ND	ND	ND	5.9	20	2.7	ND
		Jul. 2022	3.7	4.0	J	J	ND	ND	7.7	20	3.3	J
		Aug. 2022	3.6	3.7	J	J	ND	ND	7.3	20	3.4	2.2
		Sep. 2022	3.3	3.4	J	J	ND	ND	6.7	20	3.2	J
		Oct. 2022	3.8	4.2	1.2	1.7	ND	ND	10.9	20	3.4	2.1
		Nov. 2022	3.1	3.7	J	J	ND	ND	6.8	20	3.0	J
	Knollwood Wells, (POE)	Jan. 2022	2.8	2.4	ND	ND	ND	ND	5.2	20	2.6	ND
		Feb. 2022	3.2	2.7	J	J	ND	ND	5.9	20	2.5	ND
		Mar. 2022	2.9	2.5	ND	ND	ND	ND	5.4	20	2.7	ND
		Apr. 2022	3.2	2.8	J	J	ND	ND	5.9	20	3.0	ND
		May 2022	3.9	3.7	ND	ND	ND	ND	7.6	20	3.0	ND
		Jul. 2022	4.3	3.6	J	J	ND	ND	7.9	20	3.6	J
		Aug. 2022	4.5	3.7	J	J	ND	ND	8.2	20	4.2	J
		Sep. 2022	4.1	2.8	J	J	ND	ND	6.9	20	3.2	ND
		Oct. 2022	5.0	3.7	J	J	ND	ND	8.7	20	3.6	J
		Nov. 2022	4.0	3.3	J	J	ND	ND	7.3	20	3.1	J

## Footnotes:

\*Other non-detect PFAS compounds are PFTA, HFPO-DA, ADONA, 9CI-PF3ONS, NMeFOSAA, PFUnA, NeFOSAA, PFDoA, 11CI-PF3OUdS, and PFTTrDA.

\*\*Draper Wells represented 1.9% of the water supplied to the Dover System in January 2022. Draper Wells supplied water to customers during January 20 to January 22, 2022.

\*\*\*Draper Wells did not supply customers during February, April, or May 2022. No water from Draper Wells entered the distribution system for customer consumption. Sample results were for Well #2 with Well #1 off.

## Definitions:

J -The result reported from the laboratory is below Minimum Reporting Level of 2 ppt, but greater than the Method Detection Limit. Per MassDEP, this value is not included in the compliance Total for PFAS (6).

MassDEP - Massachusetts Department of Environmental Protection

MCL - Maximum Contaminant Level

ND - Not Detected

POE - Point of Entry. Sample collected after treatment as water enters the distribution system, before the first customer.

Raw - Sample collected before treatment.