



## PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS<sub>6</sub>) REPORT SUMMARY

all samples taken at WRWS WTP finished water tap unless noted otherwise

		PFAS <sub>6</sub> Parameter Result (ng/L) (Acid)						
Sample Date	Quarter	PFOS	PFOA	PFHxS	PFNA	PFHpA	PFDA	TOTAL
		PerFluoroOctaneSulfonic	PerFluoroOctanoic	PerFluoroHexaneSulfonic	PerFluoroNonanoic	PerFluoroHeptanoic	PerFluoroDecanoic	MASSDEP GUIDELINE = 20
09/30/20	3	3.00	4.00	ND	ND	2.00	ND	9.00
12/29/20	4	ND	3.00	ND	ND	ND	ND	3.00
01/15/21	1	3.00	3.00	ND	ND	ND	ND	6.00
04/06/21	2	3.00	4.00	ND	ND	ND	ND	7.00
04/06/01	2	ND	2.00	ND	ND	ND	ND	2.00
07/20/21	3	3.00	4.00	ND	ND	ND	ND	7.00
07/20/21	3	3.00	4.00	ND	ND	ND	ND	7.00
10/20/21	4	ND	3.75	ND	ND	ND	ND	3.75
10/20/21	4	3.72	5.54	ND	ND	2.85	ND	12.11
01/18/22	1	3.01	3.52	0.70	ND	1.28	ND	8.51
01/18/22	1	3.40	6.48	0.97	1.00	2.36	ND	14.21
04/13/22	2	ND <sup>(1)</sup>	ND <sup>(1)</sup>	ND <sup>(1)</sup>	ND	ND <sup>(1)</sup>	ND	0.00
07/15/22	3	ND <sup>(1)</sup>	3.21	ND <sup>(1)</sup>	ND	ND <sup>(1)</sup>	ND	3.21
10/11/22	4	ND <sup>(1)</sup>	ND <sup>(1)</sup>	2.88	ND	ND <sup>(1)</sup>	ND	2.88
02/09/23	1	ND <sup>(1)</sup>	2.07	ND <sup>(1)</sup>	ND	ND <sup>(1)</sup>	ND	2.07
04/28/23	2	ND <sup>(1)</sup>	2.22	ND <sup>(1)</sup>	ND	ND <sup>(1)</sup>	ND	2.22
<b>AVERAGE RESULTS</b>		3.14	3.63	1.51	1.00	2.12	0.00	5.62

**ALL SAMPLE RESULTS ARE POST TREATMENT AT THE WTP PRIOR TO ENTERING THE WATER SYSTEM - UNLESS NOTED OTHERWISE**

<sup>(1)</sup> Actual results may vary - reported ND as a J Qualifier

J Qualifier is defined by MassDEP as a value between the Method Detection Limit (MDL=0.596) and the Method Quantitation Limit (MRL=2.00). If the result is a J Qualifier then this is not used in the calculation to determine the PFAS<sub>6</sub> value, and subsequently can be assumed ND

Cohasset Interconnection

**MassDEP Maximum Contaminant Level**

**Monthly Sampling Trigger**

**WRWS Sampling Frequency**

**Next Sampling Period**

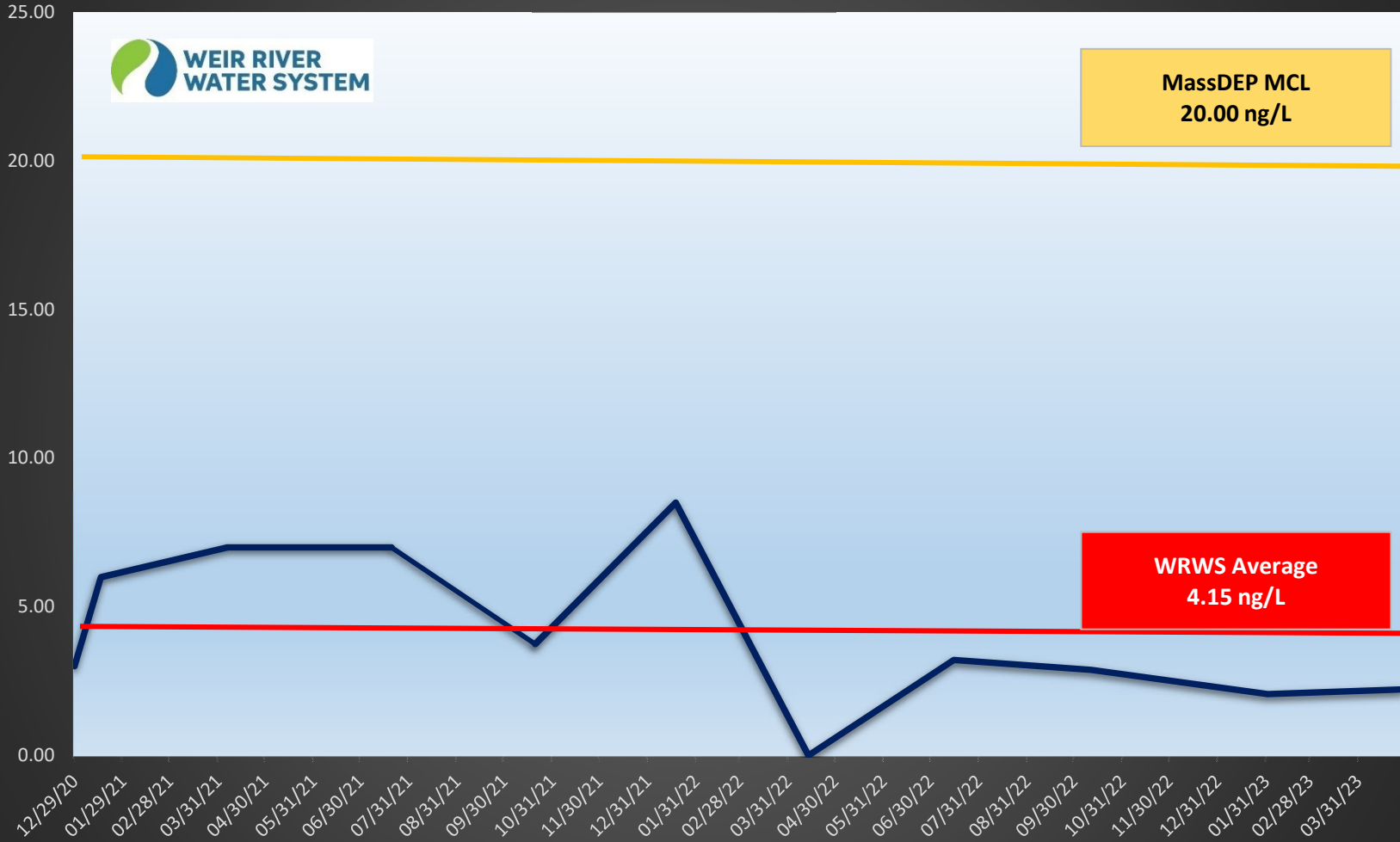
	20 ng/l
	10 ng/l
	Quarterly
JULY	2023

# PFAS<sub>6</sub> RESULTS



MassDEP MCL  
20.00 ng/L

WRWS Average  
4.15 ng/L



	12/29/20	01/15/21	04/06/21	07/20/21	10/20/21	01/18/22	04/13/22	07/15/22	10/11/22	02/01/23	04/28/23
Series1	3.00	6.00	7.00	7.00	3.75	8.51	0.00	3.21	2.88	2.07	2.22