



PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS₆) REPORT SUMMARY

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

		PFAS ₆ Parameter Result (ng/L) (Acid)						
Sample Date	Quarter	PFOS	PFOA	PFHxS	PFNA	PFHpA	PFDA	TOTAL
		PerFluoroOctaneSulfonic	PerFluoroOctanoic	PerFluoroHexaneSulfonic	PerFluoroNonanoic	PerFluoroHeptanoic	PerFluoroDecanoic	MASSDEP GUIDELINE = 20
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
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
01/18/22	1	3.01	3.52	0.70	ND	1.28	ND	8.51
04/13/22	2	ND ⁽¹⁾	ND ⁽¹⁾	ND ⁽¹⁾	ND	ND ⁽¹⁾	ND	0.00
07/15/22	3	ND ⁽¹⁾	3.21	ND ⁽¹⁾	ND	ND ⁽¹⁾	ND	3.21
10/11/22	4	ND ⁽¹⁾	ND ⁽¹⁾	2.88	ND	ND ⁽¹⁾	ND	2.88
02/09/23	1	ND ⁽¹⁾	2.07	ND ⁽¹⁾	ND	ND ⁽¹⁾	ND	2.07
04/28/23	2	ND ⁽¹⁾	2.22	ND ⁽¹⁾	ND	ND ⁽¹⁾	ND	2.22
06/29/23	2	2.44	4.22	ND ⁽¹⁾	ND	ND ⁽¹⁾	ND	6.66
07/20/23	3	ND ⁽¹⁾	4.09	ND ⁽¹⁾	ND	ND ⁽¹⁾	ND	4.09
10/18/23	4	2.86	4.38	ND ⁽¹⁾	ND	ND ⁽¹⁾	ND	7.24
AVERAGE RESULTS		2.89	3.46	1.79	#DIV/0!	1.28	0.00	4.54

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

⁽¹⁾ 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 PFAS₆ value, and subsequently can be assumed ND

MassDEP Maximum Contaminant Level

Monthly Sampling Trigger

WRWS Sampling Frequency

Next Sampling Period

	20 ng/l
	10 ng/l
	Quarterly
FEBRUARY	2024

PFAS₆ RESULTS



MassDEP MCL
20.00 ng/L

WRWS Average
4.54 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	06/29/23	07/20/23	10/18/23	
PFAS(6)	3.00	6.00	7.00	7.00	3.75	8.51	0.00	3.21	2.88	2.07	2.22	6.66	4.09	7.24	