Zone 7 Water Agency Delivered Water PFAS Quarterly Summary* - 2025 Quarter 1 (Q1)

PFAS, parts per trillion (ppt)	Federal**		State				MGDP		SRTP		HOP 6		HOP 9		DVWTP		PPWTP	
	PQL	MCL	CCRDL	NL	RL	RL Exceedance Methodology	Q1	QRAA	Q1	QRAA	Q1	QRAA	Q1	QRAA	Q1	QRAA	Q1	QRAA
Perfluorooctanesulfonic acid (PFOS)	4.0	4.0	4	6.5	40	QRAA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorooctanoic acid (PFOA)	4.0	4.0	4	5.1	10	QRAA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorobutanesulfonic acid (PFBS)	3.0	HI=1.0***	3	500	5000	Single Sample	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoroheptanoic acid (PFHpA)	NA	NA	3	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorohexanesulfonic acid (PFHxS)	3.0	10; HI=1.0***	3	3	20	Single Sample	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorononanoic acid (PFNA)	4.0	10; HI=1.0***	4	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorodecanoic acid (PFDA)	NA	NA	3	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorododecanoic acid (PFDoA)	NA	NA	3	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorohexanoic acid (PFHxA)	NA	NA	3	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoroundecanoic acid (PFUnA)	NA	NA	2	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexafluoropropylene oxide dimer acid (HFPO-DA)(GenX)	5.0	10; HI=1.0***	5	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9-chlorohexadecafluoro-3-oxanone-sulfonic acid (9CL-PF3ONS)	NA	NA	2	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11-chloroeicosalfluoro-3-oxaundecane-s-ulfonic acid (11CL-PF3OUdS)	NA	NA	5	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	NA	NA	3	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	NA	20	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluorobutanoic acid (PFBA)	NA	NA	5	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	NA	NA	5	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NA	NA	3	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoroheptanesulfonic acid (PFHpS)	NA	NA	3	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	NA	NA	3	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	NA	4	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoro-4-methoxybutanoic acid (PFMBA)	NA	NA	3	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	NA	NA	5	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoropentanoic acid (PFPeA)	NA	NA	3	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perfluoropentanesulfonic acid (PFPeS)	NA	NA	4	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

* PFAS monitoring per State Water Board Order #DW 2022-0001-DDW starting in 2023

** Public water systems must conduct initial PFAS monitoring by 2027 and implement solutions to reduce PFAS levels if they exceed the Maximum Contaminant Levels (MCLs) by April 2029. Compliance is determined by calculating the Running Annual Average (RAA) of sample results. If a sample result is less than the Practical Quantitation Limit (PQL), an zero is used for the RAA calculation. For more information, visit www.epa.gov/sdwa/and-polyfluoroalkyl-substances-pfas

*** HI = Hazard Index. HI applies to any mixture containing two or more of PFNA, PFHxS, PFBS, and GenX. These PFAS can often be found together in different mixtures and research shows that exposure to mixtures of these chemicals may have additive health impacts. HI is calculated as follows:

$$\text{Hazard Index (1 unitless)} = \left(\frac{[\text{HFPO} - \text{DA}_{\text{ppt}}]}{[10\text{ ppt}]}\right) + \left(\frac{[\text{PFBS}_{\text{ppt}}]}{[2000\text{ ppt}]}\right) + \left(\frac{[\text{PFNA}_{\text{ppt}}]}{[10\text{ ppt}]}\right) + \left(\frac{[\text{PFHxS}_{\text{ppt}}]}{[10\text{ ppt}]}\right)$$

Abbreviations:

PFAS = Per- and polyfluoroalkyl substances
QRAA = Quarterly Running Annual Average
PQL = Practical Quantitation Level
MCL = Maximum Contaminant Level
CCRDL = Consumer Confidence Report Detection Level
NL = Notification Level
RL = Response Level

NA = Not Applicable/Not Available
ND = Non-Detect; Value equal or less than CCRDL
NS = Not Sampled
OOS = Out-of-Service

Treatment Plants:

MGDP = Mocho Groundwater Demineralization Plant
SRTP = Stoneridge Treatment Plant
DVWTP = Del Valle Water Treatment Plant
PPWTP = Patterson Pass Water Treatment Plant

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