The United States Environmental Protection Agency (EPA) has established maximum contaminant levels (MCL) for the per- and polyfluoroalkyl substances (PFAS) compounds listed below. These MCLs will become the Statewide health standard medium-specific concentration (MSC) values for groundwater effective June 25, 2024.

The new values are:

Regulated Substance	CASRN	Used Aquifers								Nonuse Aquifers			
		TDS ≤ 2500				TDS > 2500							
		R		NR		R		NR		R		NR	
HEXAFLUOROPROPYLENE OXIDE (HFPO) DIMER ACID (Gen-X) *	13252-13-6	0.01	M	0.01	M	1	M	1	M	0.01	M	0.01	M
HEXAFLUOROPROPYLENE OXIDE (HFPO) DIMER ACID AMMONIUM SALT (Gen-X) *	62037-80-3	0.01	M	0.01	M	0.1	M	0.1	M	0.01	M	0.01	M
PERFLUOROBUTANE SULFONIC ACID (PFBS) *	375-73-5	2	H	2	H	200	H	20	H	2	H	2	H
PERFLUOROHEXANE SULFONIC ACID (PFHxS) *	108427-53-8	0.01	M	0.01	M	1	M	1	M	0.01	M	0.01	M
PERFLUORONONAOIC ACID (PFNA) *	72007-68-2	0.01	M	0.01	M	1	M	1	M	0.01	M	0.01	M
PERFLUOROOCTANE SULFONATE (PFOS)	1763-23-1	0.004	M	0.004	M	0.4	M	0.4	M	0.004	M	0.004	M
PERFLUOROOCTANOIC ACID (PFOA)	335-67-1	0.004	M	0.004	M	0.4	M	0.4	M	0.004	M	0.004	M

* In addition to meeting the individual MSC, if more than one of the marked compounds (Gen-X, PFBS, PFHxS, PFNA) are detected at any concentration in a sample, a Hazard Index (HI) must be calculated using the equation below. The HI MSC is met in this case by maintaining a rolling average HI of less than one for the most recent four quarters of samples utilizing the equation:

$$HI = \left(\frac{C_{Gen\text{-}X}}{0.01}\right) + \left(\frac{C_{PFBS}}{2}\right) + \left(\frac{C_{PFNA}}{0.01}\right) + \left(\frac{C_{PFHxS}}{0.01}\right)$$

Where: All concentrations are in µg/L

$C_{Gen\text{-}X}$ = concentration of Gen-X compounds
C_{PFBS} = concentration of PFBS
C_{PFNA} = concentration of PFNA
C_{PFHxS} = concentration of PFHxS