Maximum Contaminant Levels (MCLs) are legal limits set by the U.S. EPA under the Safe Drinking Water Act to control how much of a specific substance can be present in public drinking water.

Regional Screening Levels (RSLs) and Ecological Screening Values (ESVs) are conservative benchmarks created by EPA to evaluate potential environmental contamination.
RSLs focus on protecting human health and ESVs target wildlife and ecosystems. These values allow environmental professionals to quickly identify sites that may require further assessment, but they are not cleanup standards.

HealthCareSC Fire Response Surface Water Data			Tuesday August 18, 2026 (Contractor)								Wednesday August 19, 2026 (SCDES)										Sunday August 23, 2026 (SCDES)											
			Retention Pond		Beaver Pond		Above Dam - Wilson Rd		Reservoir		Control		Retention Pond		Beaver Pond		Above Dam - Wilson Rd		Reservoir		Retention Pond		Above Dam Wilson Rd		Below Dam Wilson Rd		Reservoir		Intake		Raw Water	
Select analytical results (in ug/kg or ppb)			SW-1		SW-4		SW-3 DAM		SW-2 RES		MFP-005-SW		MFP-004-SW		MFP-003-SW		MFP-002-SW		MFP-001-SW		MFP-004-SW		MFP-002-SW		MFP-008-SW		MFP-001-SW		MFP-007-SW		MFP-006-SW	
Parameters	Tapwater RSL	MCL	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Aluminum	20000		NA	NA	NA	NA	NA	NA	NA	NA	97		1600		520		640		620		780		300		910		430		37	I	64	
Antimony	7.8	6	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	7.2		3.6	I	ND	ND	ND	ND	2.5	I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	0.052	10	6.7	J	4.2	J	3.1	J	3.9	J	1.7	I	3.9	I	4.7	I	1.4	I	ND	ND	1.9	I	ND	ND	1.9	I	ND	ND	ND	ND	ND	ND
Barium	3800	2000	72.3		124		109		22.9	J	8.7	I	76		430		350		130		93		150		230		64		27		28	
Beryllium	25	4	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	0.18	I	ND	ND	ND	ND	ND	ND	0.19	I	ND	ND	ND	ND
Cadmium	1.8	5	1	J	ND	ND	ND	ND	ND	ND	ND	ND	0.76		0.24	I	ND	ND	ND	ND	0.27	I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium			NA	NA	NA	NA	NA	NA	NA	NA	2700		42000		19000		14000		5400		27000		9700		8500		4600		3700		3500	
Chromium		100	8.3	J	3.1	J	ND	ND	ND	ND	ND	ND	3.7	I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt	6		NA	NA	NA	NA	NA	NA	NA	NA	0.49	I	3.6	I	19		12		2.9	I	9.5		1.7	I	11		1.3	I	ND	ND	ND	ND
Copper	800	1300	NA	NA	NA	NA	NA	NA	NA	NA	0.93	I	36		9.6		6.4		3.2		6.7		2.5		3		2.3		0.77	I	1.3	I
Iron	14000		NA	NA	NA	NA	NA	NA	NA	NA	450		1300		28000		6800		5800		6200		3500		17000		2300		160		130	
Lead	10	10	8.4	J	ND	ND	ND	ND	ND	ND	ND	ND	7.6		2.1		1.8		2.3		2.4		1		3.3		1.6		ND	ND	ND	ND
Magnesium			NA	NA	NA	NA	NA	NA	NA	NA	3400		3600		3800		4000		1900		3500		2400		2400		1600		1500		1300	
Manganese	430		NA	NA	NA	NA	NA	NA	NA	NA	89		880		11000		7400		2700		2500		1300		4800		760		58		42	
Nickel	390		NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	1.2	I	0.88	I	ND	ND	ND	ND	0.74	I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Potassium			NA	NA	NA	NA	NA	NA	NA	NA	28000		10000		5400		5300		2900		6100		6100		2900		2900		2700		2600	
Sodium			NA	NA	NA	NA	NA	NA	NA	NA	3800		20000		11000		8700		4600		7500		5800		2.3	I	4700		4700		4600	
Vanadium	86		NA	NA	NA	NA	NA	NA	NA	NA	2.5	I	10		6.1		3.1	I	3.7	I	3.2	I	1.5	I	2.7	I	2.3	I	ND	ND	ND	ND
Zinc	6000		NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	340		99		29		12		120		16		ND	ND	ND	ND	ND	ND	ND	ND
Mercury			0.13	J	ND	ND	0.099	J	0.11	J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	18000		42.3		41.4		45.5		ND	ND	7	I	25		24		41		4.1	I	15		15		21		4.9	I	ND	ND	ND	ND
2-butanone (MEK)	5600		8.9		4.2	J	4.2	J	ND	ND	ND	ND	7.5	I	2.9	I	3.4	I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.46	5	0.47	J	ND	ND	ND	ND	ND	ND	ND	ND	0.57	I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	0.22	80	1.1		ND	ND	ND	ND	ND	ND	ND	ND	0.69	I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	1200	100	0.64	J	ND	ND	ND	ND	ND	ND	ND	ND	0.55	I	ND	ND	ND	ND	ND	ND	0.23	I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1100	1000	0.71	J	ND	ND	ND	ND	ND	ND	ND	ND	0.52	I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.24	I	ND	ND	ND	ND	ND	ND
N-nitrosodiphenylamine	12		36.5	J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	0.12		1.3		0.99	J	0.69	J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	13		ND	ND	ND	ND	9	J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
carbon duslifide	810		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.62	I	ND	ND
bis(2-ethylhexyl)phthalate	5.6	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.1	I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

KEY	
ND	Not detected
NA	Not analyzed
I	Estimated
J	Estimated
RSL	EPA Regional Screening Level
MCL	EPA Maximum Contaminant Level

Analysis included 50+ volatile organic compounds (VOCs),
more than 60 semivolatile organic compounds (SVOCs) and 20+ metals.
Only one SVOC was detected {bis(2-ethylhexyl)phthalate}.