

Seattle Public Utilities Quarterly Surface Water Analysis

Non Regulatory Data
Informational Only

Cedar

Samples Collected: 5/19/2025 to 5/20/2025

Tolt

CLT-5	M-1A	Parameter	Units	Method	MCL	TPT-3	B-2
MRDL							
1.49	0.89	Chlorine, Free	mg/L	SM-4500 Cl G	4	1.35	0.31
Primary MCL							
0.2U	0.2U	Antimony	ug/L	EPA 200.8	6	0.2U	0.2U
0.536	0.492	Arsenic	ug/L	EPA 200.8	10	0.2U	0.228
1.61	1.81	Barium	ug/L	EPA 200.8	2,000	1.12	1.62
0.2U	0.2U	Beryllium	ug/L	EPA 200.8	4	0.2U	0.2U
0.2U	0.2U	Cadmium	ug/L	EPA 200.8	5	0.2U	0.2U
0.5U	0.5U	Chromium	ug/L	EPA 200.8	100	0.5U	0.5U
0.01U		Cyanide	mg/L	SM-4500 CNE	0.2	0.01U	
0.70	0.69	Fluoride	mg/L	ASTM D1179-93B	4	0.71	0.66
0.2U	0.2U	Mercury	ug/L	EPA 200.8	2	0.2U	0.2U
0.2U	0.2U	Nickel	ug/L	EPA 200.8	100	0.2U	0.2U
88.8		Nitrogen, Nitrate	ug/L	EPA 353.2	10,000	77.7	
1U		Nitrogen, Nitrite	ug/L	EPA 353.2	1,000	1U	
0.5U	0.5U	Selenium	ug/L	EPA 200.8	50	0.5U	0.5U
17.8	34.7	THAA5	ug/L	EPA 552.3	60	6.89	22.4
0.2U	0.2U	Thallium	ug/L	EPA 200.8	2	0.2U	0.2U
14.2	17.8	Total THMs	ug/L	EPA 524.2	80	8.96	38.2
0.2U	0.2U	Uranium	ug/L	EPA 200.8	30	0.2U	0.2U
Secondary MCL							
21.2	11.6	Aluminum	ug/L	EPA 200.8	50 to 200	25.6	25.5
3.4	3.4	Chloride	mg/L	SM-4500 Cl E	250	2.8	3.5
5U	5U	Color, Apparent	PCU	SM-2120 B	15	5U	5U
81.9	78.8	Conductivity	umho/cm	ASTM D1125-92A	700	61.8	65.0
21.2	26.3	Iron	ug/L	EPA 200.8	300	9.21	11.1
1.61	1.94	Manganese	ug/L	EPA 200.8	50	0.5U	0.5U
8.36	8.39	pH	pH Unit	ASTM D1293-95B	6.5 - 8.5	8.72	8.89
0.05U		Silver	ug/L	EPA 200.8	0.10	0.05U	
2520	2480	Sodium	ug/L	EPA 200.8	20,000	938	1080
55.8	52.8	Solids, Total Dissolved	mg/L	SM-2540 C	500	40.8	41.2
2.20	2.20	Sulfate	mg/L	SM-4500 SO4E	250	1.70	1.60
0.5U	0.691	Zinc	ug/L	EPA 200.8	5,000	0.5U	0.5U
Action Level							
12.5	0.580	Copper	ug/L	EPA 200.8	1,300	1.38	0.306
0.5U	0.5U	Lead	ug/L	EPA 200.8	15	0.5U	0.5U
Non Regulated							
29.6	27.9	Alkalinity, Total	mg/L	ASTM D1067-92B		18.5	20.0
1U	1U	Bromochloroacetic Acid	ug/L	EPA 552.3		1U	1U
1U	1.18	Bromodichloroacetic Acid	ug/L	EPA 552.3		1U	1U
1.22	1.37	Bromodichloromethane	ug/L	EPA 524.2		0.665	2.38
0.5U	0.5U	Bromoform	ug/L	EPA 524.2		0.5U	0.5U
10300	9840	Calcium	ug/L	EPA 200.8		8550	9250
25.7	24.6	Calcium Hardness	mg CaCO3/L	SM-2340 B		21.4	23.1
0.61	0.65	Carbon, Total Organic	mg/L	SM-5310 C		0.80	0.71

CLT-5 = Cedar Treatment Plant Outlet, M-1A = Cedar Distribution @ S. Stacy St. & Utah Ave. S.; TPT-3 = Tolt Filtration Plant Outlet, Treated; B-2 = Tolt Distribution @ NW 122nd St. & 1st Ave. NW MCL = Maximum Contaminant Level, 1000 ug/L = 1.0 mg/L

"U" indicates that the test result for the analyte is less than the stated minimum value preceding the "U".

"J" indicates that the result is estimated due to possible matrix issue or lab uncertainty.

CLT-5	M-1A	Parameter	Units	Method	MCL	TPT-3	B-2
1.49	0.89	Chlorine, Free	mg/L	SM-4500 Cl G		1.35	0.31
2.5U	2.5U	Chlorodibromoacetic Acid	ug/L	EPA 552.3		2.5U	2.5U
13.0	16.4	Chloroform	ug/L	EPA 524.2		8.29	35.8
0.3	0.2	CO2, Calc	mg/L	SM-4500 CO2 B4		0.2U	0.2U
0.5U	0.5U	Dibromoacetic Acid	ug/L	EPA 552.3		0.5U	0.5U
0.5U	0.5U	Dibromochloromethane	ug/L	EPA 524.2		0.5U	0.5U
9.19	15.2	Dichloroacetic Acid	ug/L	EPA 552.3		4.01	7.05
113	118	Dissolved Oxygen Saturation	%	SM-4500 O G		145	152
1.33	1.42	Hardness, Grains	Grains/gallon			1.72	0.52
1310	1250	Magnesium	ug/L	EPA 200.8		408	412
0.5U	0.5U	Molybdenum	ug/L	EPA 200.8		0.5U	0.5U
1U	1U	Monobromoacetic Acid	ug/L	EPA 552.3		1U	1U
1.5U	1.5U	Monochloroacetic Acid	ug/L	EPA 552.3		1.5U	1.5U
89.0	73.2	Nitrogen, Nitrite + Nitrate	ug/L	EPA 353.2	10,000	77.4	77.5
150	116	Nitrogen, Total	ug/L	SM-4500 N C		99.3	136
12.2	12.1	Oxygen, Dissolved	mg/L	SM-4500 O G		15.4	14.8
7.50	4.90	Phosphorus, Dissolved Reactive	ug/L	SM-4500 P F		2.90	2U
7.00	4.40	Phosphorus, Total	ug/L	SM-4500 P F		4U	5.20
266	284	Potassium	ug/L	EPA 200.8		107	120
11.6	11.4	Silica, Reactive	mg/L	SM-4500 SiO2 C		5.54	5.88
27.5	27.1	Strontium	ug/L	EPA 200.8		13.0	14.8
11.6	13.8	Temperature, Water	Deg C	SM-2550		12.0	15.9
17.8	35.9	THAA9	ug/L	EPA 552.3		6.89	22.4
0.5U	0.5U	Thorium	ug/L	EPA 200.8		0.5U	0.5U
5U	5U	Tribromoacetic Acid	ug/L	EPA 552.3		5U	5U
8.60	19.5	Trichloroacetic Acid	ug/L	EPA 552.3		2.88	15.3
0.30	0.20	Turbidity	NTU	SM-2130 B		0.050	0.050
0.052	0.052	UVA	abs/5cm	SPU TEST		0.036	0.035
0.537	0.5U	Vanadium	ug/L	EPA 200.8		0.5U	0.5U

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