

Seattle Public Utilities Quarterly Surface Water Analysis

Non Regulatory Data
Informational Only

Cedar

Samples Collected: 2/25/2025 to 2/26/2025

Tolt

CLT-5	M-1A	Parameter	Units	Method	MCL	TPT-3	B-2
MRDL							
1.47	1.06	Chlorine, Free	mg/L	SM-4500 Cl G	4	1.45	0.51
Primary MCL							
0.2U	0.2U	Antimony	ug/L	EPA 200.8	6	0.2U	0.2U
0.359	0.348	Arsenic	ug/L	EPA 200.8	10	0.219	0.223
1.70	1.83	Barium	ug/L	EPA 200.8	2,000	1.20	1.59
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
0.68	0.64	Fluoride	mg/L	ASTM D1179-93B	4	0.64	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
0.5U	0.5U	Selenium	ug/L	EPA 200.8	50	0.5U	0.5U
10.1	26.6	THAA5	ug/L	EPA 552.3	60	5.14	18.5
0.2U	0.2U	Thallium	ug/L	EPA 200.8	2	0.2U	0.2U
9.02	24.6	Total THMs	ug/L	EPA 524.2	80	6.66	27.4
0.2U	0.2U	Uranium	ug/L	EPA 200.8	30	0.2U	0.2U
Secondary MCL							
9.01	8.30	Aluminum	ug/L	EPA 200.8	50 to 200	23.5	25.8
3.4	3.8	Chloride	mg/L	SM-4500 Cl E	250	2.5	2.6
5U	5U	Color, Apparent	PCU	SM-2120 B	15	5U	5U
67.6	69.6	Conductivity	umho/cm	ASTM D1125-92A	700	59.9	62.9
18.7	22.1	Iron	ug/L	EPA 200.8	300	7.19	13.4
1.83	2.11	Manganese	ug/L	EPA 200.8	50	0.5U	0.941
8.04	8.08	pH	pH Unit	ASTM D1293-95B	6.5 - 8.5	8.22	8.73
2430	2460	Sodium	ug/L	EPA 200.8	20,000	1060	1040
45.0	47.0	Solids, Total Dissolved	mg/L	SM-2540 C	500	35.5	40.5
2.10	1.90	Sulfate	mg/L	SM-4500 SO4E	250	1.90	2.00
0.5U	0.5U	Zinc	ug/L	EPA 200.8	5,000	0.5U	0.5U
Action Level							
15.5	0.693	Copper	ug/L	EPA 200.8	1,300	1.57	0.445
0.5U	0.5U	Lead	ug/L	EPA 200.8	15	0.5U	0.5U
Non Regulated							
23.2	23.8	Alkalinity, Total	mg/L	ASTM D1067-92B		19.8	20.9
1U	1U	Bromochloroacetic Acid	ug/L	EPA 552.3		1U	1U
1U	1.06	Bromodichloroacetic Acid	ug/L	EPA 552.3		1U	1.04
0.746	1.33	Bromodichloromethane	ug/L	EPA 524.2		0.598	1.58
0.5U	0.5U	Bromoform	ug/L	EPA 524.2		0.5U	0.5U
8480	8860	Calcium	ug/L	EPA 200.8		9360	9820
21.2	22.1	Calcium Hardness	mg CaCO3/L	SM-2340 B		23.4	24.5
	0.74	Carbon, Total Organic	mg/L	SM-5310 C		0.78	0.68
1.47	1.06	Chlorine, Free	mg/L	SM-4500 Cl G		1.45	0.51
2.5U	2.5U	Chlorodibromoacetic Acid	ug/L	EPA 552.3		2.5U	2.5U
8.27	23.2	Chloroform	ug/L	EPA 524.2		6.06	25.8
0.4	0.4	CO2, Calc	mg/L	SM-4500 CO2 B4		0.2	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
5.40	13.4	Dichloroacetic Acid	ug/L	EPA 552.3		3.06	6.70
116	94.0	Dissolved Oxygen Saturation	%	SM-4500 O G		123	131

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
1.25	1.54	Hardness, Grains	Grains/gallon			1.45	1.51
1110	1090	Magnesium	ug/L	EPA 200.8		428	406
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
52.4	64.1	Nitrogen, Nitrite + Nitrate	ug/L	EPA 353.2	10,000	96.7	97.1
103	98.2	Nitrogen, Total	ug/L	SM-4500 N C		127	124
14.2	11.6	Oxygen, Dissolved	mg/L	SM-4500 O G		16.2	15.4
2U	2U	Phosphorus, Dissolved Reactive	ug/L	SM-4500 P F		2U	2U
4U	4U	Phosphorus, Total	ug/L	SM-4500 P F		4U	4U
259	264	Potassium	ug/L	EPA 200.8		105	118
8.98	9.40	Silica, Reactive	mg/L	SM-4500 SiO2 C		6.00	5.82
24.5	25.5	Strontium	ug/L	EPA 200.8		14.5	16.0
6.3	5.9	Temperature, Water	Deg C	SM-2550		3.4	7.8
10.1	27.7	THAA9	ug/L	EPA 552.3		5.14	19.6
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
4.73	13.3	Trichloroacetic Acid	ug/L	EPA 552.3		2.08	11.8
0.40	0.30	Turbidity	NTU	SM-2130 B		0.10	0.10
0.048	0.047	UVA	abs/5cm	SPU TEST		0.039	0.035
0.5U	0.5U	Vanadium	ug/L	EPA 200.8		0.5U	0.5U

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