

# Seattle Public Utilities Quarterly Surface Water Analysis

Non Regulatory Data  
Informational Only

Cedar

Samples Collected: 2/27/2024

Tolt

CLT-5	M-1A	Parameter	Units	Method	MCL	TPT-3	B-2
<b>MRDL</b>							
1.71	1.09	Chlorine, Free	mg/L	SM-4500 Cl G	4	1.41	0.47
<b>Primary MCL</b>							
0.2U	0.2U	Antimony	ug/L	EPA 200.8	6	0.2U	0.2U
0.303	0.308	Arsenic	ug/L	EPA 200.8	10	0.218	0.218
1.47	1.65	Barium	ug/L	EPA 200.8	2,000	1.12	1.12
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
0.58	0.58	Fluoride	mg/L	ASTM D1179-93B	4	0.62	0.57
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
15.6	34.2	THAA5	ug/L	EPA 552.3	60	8.50	37.6
0.2U	0.2U	Thallium	ug/L	EPA 200.8	2	0.2U	0.2U
16.1	30.9	Total THMs	ug/L	EPA 524.2	80	10.0	53.3
0.2U	0.2U	Uranium	ug/L	EPA 200.8	30	0.2U	0.2U
<b>Secondary MCL</b>							
15.7	13.6	Aluminum	ug/L	EPA 200.8	50 to 200	33.0	33.0
3.7	3.8	Chloride	mg/L	SM-4500 Cl E	250	2.7	4.3
5U	5U	Color, Apparent	PCU	SM-2120 B	15	5U	5U
64.0	65.7	Conductivity	umho/cm	ASTM D1125-92A	700	61.4	68.0
25.4	27.3	Iron	ug/L	EPA 200.8	300	9.32	9.32
2.03	1.95	Manganese	ug/L	EPA 200.8	50	0.563	0.563
8.08	8.01	pH	pH Unit	ASTM D1293-95B	6.5 - 8.5	8.09	8.71
2360	2370	Sodium	ug/L	EPA 200.8	20,000	1050	1050
40.2	36.5	Solids, Total Dissolved	mg/L	SM-2540 C	500	32.5	41.8
1.80	1.90	Sulfate	mg/L	SM-4500 SO4E	250	1.60	2.10
0.5U	0.5U	Zinc	ug/L	EPA 200.8	5,000	0.5U	0.5U
<b>Action Level</b>							
14.4	0.640	Copper	ug/L	EPA 200.8	1,300	2.58	2.58
0.5U	0.5U	Lead	ug/L	EPA 200.8	15	0.5U	0.5U
<b>Non Regulated</b>							
20.5	20.6	Alkalinity, Total	mg/L	ASTM D1067-92B		19.4	21.1
1U	1U	Bromochloroacetic Acid	ug/L	EPA 552.3		1U	1U
1U	1U	Bromodichloroacetic Acid	ug/L	EPA 552.3		1U	1.55
1.15	1.28	Bromodichloromethane	ug/L	EPA 524.2		0.848	2.59
0.5U	0.5U	Bromoform	ug/L	EPA 524.2		0.5U	0.5U
7840	8020	Calcium	ug/L	EPA 200.8		9360	9360
19.6	20.0	Calcium Hardness	mg CaCO3/L	SM-2340 B		23.4	23.4
0.95	0.97	Carbon, Total Organic	mg/L	SM-5310 C		0.85	0.83
1.71	1.09	Chlorine, Free	mg/L	SM-4500 Cl G		1.41	0.47
2.5U	2.5U	Chlorodibromoacetic Acid	ug/L	EPA 552.3		2.5U	2.5U
15.0	29.6	Chloroform	ug/L	EPA 524.2		9.17	50.7
0.3	0.4	CO2, Calc	mg/L	SM-4500 CO2 B4		0.3	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
6.91	14.7	Dichloroacetic Acid	ug/L	EPA 552.3		4.95	12.4
117	97.1	Dissolved Oxygen Saturation	%	SM-4500 O G		164	153

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
1.38	1.40	Hardness, Grains	Grains/gallon			1.46	1.51
1010	1010	Magnesium	ug/L	EPA 200.8		458	458
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
1.77	1.83	Monochloroacetic Acid	ug/L	EPA 552.3		1.5U	1.71
20U	20U	Nitrogen, Nitrite + Nitrate	ug/L	EPA 353.2	10,000	114	75.9
93.9	95.1	Nitrogen, Total	ug/L	SM-4500 N C		129	145
13.6	11.6	Oxygen, Dissolved	mg/L	SM-4500 O G		20.8	17.2
2.20	3.20	Phosphorus, Dissolved Reactive	ug/L	SM-4500 P F		2.70	3.10
4.00	4U	Phosphorus, Total	ug/L	SM-4500 P F		4U	4U
243	247	Potassium	ug/L	EPA 200.8		113	113
7.45	7.95	Silica, Reactive	mg/L	SM-4500 SiO2 C		5.62	6.69
22.0	22.4	Strontium	ug/L	EPA 200.8		13.4	13.4
6.0	7.3	Temperature, Water	Deg C	SM-2550		4.9	9.7
15.6	34.2	THAA9	ug/L	EPA 552.3		8.50	39.1
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
6.94	17.7	Trichloroacetic Acid	ug/L	EPA 552.3		3.55	23.5
0.30	0.35	Turbidity	NTU	SM-2130 B		0.050	0.30
0.058	0.064	UVA	abs/5cm	SPU TEST		0.041	0.047
0.5U	0.5U	Vanadium	ug/L	EPA 200.8		0.5U	0.5U

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