



Quarterly Surface Water Analysis

Seattle Public Utilities

Non-regulatory data. Informational only

Samples collected: 2/24/2026

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.

Cedar

MRDL

Parameter	CLT-5	M-1A	Units	Method	MCL
Chlorine, Free	1.75	1.2	mg/L	SM-4500 Cl G	4

Primary MCL

Parameter	CLT-5	M-1A	Units	Method	MCL
Antimony	0.2U	0.2U	ug/L	EPA 200.8	6
Arsenic	0.37	0.363	ug/L	EPA 200.8	10
Barium	1.75	1.96	ug/L	EPA 200.8	2,000
Beryllium	0.2U	0.2U	ug/L	EPA 200.8	4
Cadmium	0.2U	0.2U	ug/L	EPA 200.8	5
Chromium	0.5U	0.5U	ug/L	EPA 200.8	100
Fluoride	0.62	0.63	mg/L	ASTM D1179-93B	4
Mercury	0.2U	0.2U	ug/L	EPA 200.8	2
Nickel	0.2U	0.2U	ug/L	EPA 200.8	100
Selenium	0.5U	0.5U	ug/L	EPA 200.8	50
THAA5	12.1	30.7	ug/L	EPA 552.3	60
Thallium	0.2U	0.2U	ug/L	EPA 200.8	2
Total THMs	9.88	22.9	ug/L	EPA 524.4	80
Uranium	0.2U	0.2U	ug/L	EPA 200.8	30

Secondary MCL

Parameter	CLT-5	M-1A	Units	Method	MCL
Aluminum	17.9	16.6	ug/L	EPA 200.8	50 to 200
Chloride	3.9	4.1	mg/L	SM-4500 Cl E	250
Color, Apparent	5U	5U	PCU	SM-2120 B	15

Conductivity	70.3	73	umho/cm	ASTM D1125-92A	700
Iron	31.6	34.9	ug/L	EPA 200.8	300
Manganese	2.44	2.48	ug/L	EPA 200.8	50
pH	8.03	8.23	pH Unit	ASTM D1293-95B	6.5 - 8.5
Sodium	2350	2450	ug/L	EPA 200.8	20,000
Solids, Total Dissolved	46.7	46.8	mg/L	SM-2540 C	500
Sulfate	2.2	2.2	mg/L	SM-4500 SO4E	250
Zinc	0.5U	0.5U	ug/L	EPA 200.8	5,000

Action Level

Parameter	CLT-5	M-1A	Units	Method	MCL
Copper	10.2	0.827	ug/L	EPA 200.8	1,300
Lead	0.5U	0.5U	ug/L	EPA 200.8	15

Non-Regulated

Parameter	CLT-5	M-1A	Units	Method	MCL
Alkalinity, Total	24	24.1	mg/L	ASTM D1067-92B	N/A
Bromochloroacetic Acid	1U	1U	ug/L	EPA 552.3	N/A
Bromodichloroacetic Acid	1U	1U	ug/L	EPA 552.3	N/A
Bromodichloromethane	0.698	1.14	ug/L	EPA 524.4	N/A
Bromoform	0.5U	0.5U	ug/L	EPA 524.4	N/A
Calcium	8670	8910	ug/L	EPA 200.8	N/A
Calcium Hardness	21.7	22.3	mg CaCO3/L	SM-2340 B	N/A
Carbon, Total Organic	0.8	0.83	mg/L	SM-5310 C	N/A
Chlorine, Free	1.75	1.2	mg/L	SM-4500 Cl G	N/A
Chlorodibromoacetic Acid	2.81	2.5U	ug/L	EPA 552.3	N/A
Chloroform	9.18	21.7	ug/L	EPA 524.4	N/A
CO2, Calc	0.4	0.3	mg/L	SM-4500 CO2 B4	N/A
Dibromoacetic Acid	0.5U	0.5U	ug/L	EPA 552.3	N/A
Dibromochloromethane	0.5U	0.5U	ug/L	EPA 524.4	N/A
Dichloroacetic Acid	6.01	14.9	ug/L	EPA 552.3	N/A
Dissolved Oxygen Saturation	108	102	%	SM-4500 O G	N/A
Hardness, Grains	1.51	1.54	Grains/gallon	N/A	N/A
Magnesium	1070	1050	ug/L	EPA 200.8	N/A
Molybdenum	0.5U	0.5U	ug/L	EPA 200.8	N/A
Monobromoacetic Acid	1U	1U	ug/L	EPA 552.3	N/A
Monochloroacetic Acid	1.5U	1.5U	ug/L	EPA 552.3	N/A
Nitrogen, Nitrite + Nitrate	63.7	59.00	ug/L	EPA 353.2	10,000
Nitrogen, Total	138	206	ug/L	SM-4500 N C	N/A
Oxygen, Dissolved	13	12	mg/L	SM-4500 O G	N/A
Phosphorus, Dissolved Reactive	3.7	4.5	ug/L	SM-4500 P F	N/A
Phosphorus, Total	4.8	4U	ug/L	SM-4500 P F	N/A
Potassium	265	269	ug/L	EPA 200.8	N/A
Silica, Reactive	9.62	9.56	mg/L	SM-4500 SiO2 C	N/A
Strontium	24	24.6	ug/L	EPA 200.8	N/A
Temperature, Water	6.8	7.8	Deg C	SM-2550	N/A
THAA9	14.9	30.7	ug/L	EPA 552.3	N/A

Thorium	0.5U	0.5U	ug/L	EPA 200.8	N/A
Tribromoacetic Acid	5U	5U	ug/L	EPA 552.3	N/A
Trichloroacetic Acid	6.05	15.8	ug/L	EPA 552.3	N/A
Turbidity	0.35	0.3	NTU	SM-2130 B	N/A
UVA	0.057	0.053	abs/5cm	SPU TEST	N/A
Vanadium	0.5U	0.5U	ug/L	EPA 200.8	N/A

Tolt

MRDL

Parameter	TPT-3	B-2	Units	Method	MCL
Chlorine, Free	1.58	0.47	mg/L	SM-4500 Cl G	4

Primary MCL

Parameter	TPT-3	B-2	Units	Method	MCL
Antimony	0.2U	0.2U	ug/L	EPA 200.8	6
Arsenic	0.25	0.272	ug/L	EPA 200.8	10
Barium	1.05	1.32	ug/L	EPA 200.8	2,000
Beryllium	0.2U	0.2U	ug/L	EPA 200.8	4
Cadmium	0.2U	0.2U	ug/L	EPA 200.8	5
Chromium	0.5U	0.5U	ug/L	EPA 200.8	100
Fluoride	0.67	0.67	mg/L	ASTM D1179-93B	4
Mercury	0.2U	0.2U	ug/L	EPA 200.8	2
Nickel	0.2U	0.2U	ug/L	EPA 200.8	100
Selenium	0.5U	0.5U	ug/L	EPA 200.8	50
THAA5	8.01	22.3	ug/L	EPA 552.3	60
Thallium	0.2U	0.2U	ug/L	EPA 200.8	2
Total THMs	8.39	27.6	ug/L	EPA 524.4	80
Uranium	0.2U	0.2U	ug/L	EPA 200.8	30

Secondary MCL

Parameter	TPT-3	B-2	Units	Method	MCL
Aluminum	37.1	33.4	ug/L	EPA 200.8	50 to 200
Chloride	2.8	3	mg/L	SM-4500 Cl E	250
Color, Apparent	5U	5U	PCU	SM-2120 B	15
Conductivity	58.9	58.4	umho/cm	ASTM D1125-92A	700
Iron	12.5	27.7	ug/L	EPA 200.8	300
Manganese	0.5U	0.513	ug/L	EPA 200.8	50
pH	8.42	8.57	pH Unit	ASTM D1293-95B	6.5 - 8.5
Sodium	934	941	ug/L	EPA 200.8	20,000
Solids, Total Dissolved	37	35.5	mg/L	SM-2540 C	500
Sulfate	1.5	1.4	mg/L	SM-4500 SO4E	250
Zinc	0.5U	0.5U	ug/L	EPA 200.8	5,000

Action Level

Parameter	TPT-3	B-2	Units	Method	MCL
Copper	1.66	0.381	ug/L	EPA 200.8	1,300
Lead	0.5U	0.5U	ug/L	EPA 200.8	15

Non-Regulated

Parameter	TPT-3	B-2	Units	Method	MCL
Alkalinity, Total	15.5	18.3	mg/L	ASTM D1067-92B	N/A
Bromochloroacetic Acid	1U	1U	ug/L	EPA 552.3	N/A
Bromodichloroacetic Acid	1U	1.28	ug/L	EPA 552.3	N/A
Bromodichloromethane	0.585	1.8	ug/L	EPA 524.4	N/A
Bromoform	0.5U	0.5U	ug/L	EPA 524.4	N/A
Calcium	7840	8870	ug/L	EPA 200.8	N/A
Calcium Hardness	19.6	22.2	mg CaCO3/L	SM-2340 B	N/A
Carbon, Total Organic	1.02	0.84	mg/L	SM-5310 C	N/A
Chlorine, Free	1.58	0.47	mg/L	SM-4500 Cl G	N/A
Chlorodibromoacetic Acid	2.7	2.5U	ug/L	EPA 552.3	N/A
Chloroform	7.81	25.8	ug/L	EPA 524.4	N/A
CO2, Calc	0.2U	0.2U	mg/L	SM-4500 CO2 B4	N/A
Dibromoacetic Acid	0.5U	0.5U	ug/L	EPA 552.3	N/A
Dibromochloromethane	0.5U	0.5U	ug/L	EPA 524.4	N/A
Dichloroacetic Acid	4.6	5.8	ug/L	EPA 552.3	N/A
Dissolved Oxygen Saturation	135	141	%	SM-4500 O G	N/A
Hardness, Grains	1.22	1.36	Grains/gallon	N/A	N/A
Magnesium	375	339	ug/L	EPA 200.8	N/A
Molybdenum	0.5U	0.5U	ug/L	EPA 200.8	N/A
Monobromoacetic Acid	1U	1U	ug/L	EPA 552.3	N/A
Monochloroacetic Acid	1.5U	1.5U	ug/L	EPA 552.3	N/A
Nitrogen, Nitrite + Nitrate	107	110	ug/L	EPA 353.2	10,000
Nitrogen, Total	162	152	ug/L	SM-4500 N C	N/A
Oxygen, Dissolved	17	16.3	mg/L	SM-4500 O G	N/A
Phosphorus, Dissolved Reactive	2.4	2.1	ug/L	SM-4500 P F	N/A
Phosphorus, Total	4U	4U	ug/L	SM-4500 P F	N/A
Potassium	107	110	ug/L	EPA 200.8	N/A
Silica, Reactive	5.49	5.61	mg/L	SM-4500 SiO2 C	N/A
Strontium	11.3	19.3	ug/L	EPA 200.8	N/A
Temperature, Water	5.1	8.7	Deg C	SM-2550	N/A
THAA9	10.7	23.6	ug/L	EPA 552.3	N/A
Thorium	0.5U	0.5U	ug/L	EPA 200.8	N/A
Tribromoacetic Acid	5U	5U	ug/L	EPA 552.3	N/A
Trichloroacetic Acid	3.41	16.5	ug/L	EPA 552.3	N/A
Turbidity	0.05	0.1	NTU	SM-2130 B	N/A
UVA	0.047	0.048	abs/5cm	SPU TEST	N/A
Vanadium	0.5U	0.585	ug/L	EPA 200.8	N/A