

Quarterly Surface Water Analysis

Seattle Public Utilities

Non-regulatory data. Informational only

Samples collected: 5/19/2026 and 5/20/2026

CLT-5 = Cedar Treatment Plant Outlet

M-1A = Cedar Distribution @ S. Stacy St. & Utah Ave. S.

TPT-3 = Tolt Treatment Plant Outlet

B-2 = Tolt Distribution @ NW 122nd St. & 1st Ave. NW

MCL = maximum contaminant level, it is the highest level of a contaminant that is allowed in drinking water

ND = not detected at or above the minimum method detection level

N/A = not applicable

µg/L = micrograms per liter (parts per billion-ppb)

mg/L = milligrams per liter (parts per million-ppm)

PCU = apparent color unit

µmhos/cm = micromhos per centimeter

NTU = nephelometric turbidity units

abs/5cm = absorbance at 254 nm per 5 centimeters

Cedar

Maximum Residual Disinfectant Level

Parameter	CLT-5	M-1A	MCL	Units
Chlorine, Free	1.61	1.08	4.	mg/L

Primary Maximum Contaminant Level

Parameter	CLT-5	M-1A	MCL	Units
Antimony	ND	ND	6.	µg/L
Arsenic	0.578	0.461	10.	µg/L
Barium	1.70	1.96	2,000.	µg/L
Beryllium	ND	ND	4.	µg/L
Cadmium	ND	ND	5.	µg/L
Chromium	ND	ND	100.	µg/L
Fluoride	0.65	0.67	4.	mg/L
Mercury	ND	ND	2.	µg/L
Nickel	ND	ND	100.	µg/L
Nitrogen, Nitrate	90.9	NOT ANALYZED	10,000.	µg/L
Nitrogen, Nitrite	ND	NOT ANALYZED	1,000.	µg/L
Selenium	ND	ND	50.	µg/L
THAA5	17.3	38.0	60.	µg/L
Thallium	ND	ND	2.	µg/L

Total THMs	14.0	29.4	80.	µg/L
Uranium	ND	ND	30	µg/L

Secondary Maximum Contaminant Level

Parameter	CLT-5	M-1A	MCL	Units
Aluminum	21.2	16.9	50. to 200.	µg/L
Chloride	3.1	3.5	250.	mg/L
Color, Apparent	ND	ND	15.	PCU
Conductivity	78.4	75.4	700.	µmho/cm
Iron	23.8	28.5	300.	µg/L
Manganese	1.51	3.10	50.	ug/L
pH	7.89	8.20	6.5 - 8.5	pH Unit
Sodium	2,520.	2,580.	20,000.	µg/L
Solids, Total Dissolved	60.0	57.7	500.	mg/L
Sulfate	2.1	2.2	250.	mg/L
Zinc	ND	ND	5,000.	µg/L

Action Level

Parameter	CLT-5	M-1A	MCL	Units
Copper	12.6	0.522	1,300.	µg/L
Lead	ND	ND	15.	µg/L

Not-Regulated

Parameter	CLT-5	M-1A	MCL	Units
Alkalinity, Total	29.9	26.3	N/A	mg/L
Bromochloroacetic Acid	ND	ND	N/A	µg/L
Bromodichloroacetic Acid	ND	1.16	N/A	µg/L
Bromodichloromethane	1.23	2.07	N/A	µg/L
Bromoform	ND	ND	N/A	µg/L
Calcium	10,600.	9,740.	N/A	ug/L
Calcium Hardness	26.4	24.3	N/A	mg CaCO3/L
Carbon, Total Organic	0.55	0.76	N/A	mg/L
Chlorine, Free	1.61	1.08	N/A	mg/L
Chlorodibromoacetic Acid	ND	3.34	N/A	µg/L
Chloroform	12.7	27.4	N/A	µg/L
CO2, Calc	0.2	1.8	N/A	mg/L
Dibromoacetic Acid	ND	ND	N/A	µg/L
Dibromochloromethane	ND	ND	N/A	µg/L
Dichloroacetic Acid	9.27	16.6	N/A	µg/L
Dissolved Oxygen Saturation	114.	112.	N/A	%
Hardness, Grains	1.73	1.55	N/A	Grains/gallon
Magnesium	1,330.	1,190.	N/A	µg/L
Molybdenum	ND	ND	N/A	µg/L
Monobromoacetic Acid	ND	ND	N/A	µg/L
Monochloroacetic Acid	ND	2.17	N/A	µg/L
Nitrogen, Nitrite + Nitrate	116.	70.9	10,000.	µg/L

Nitrogen, Total	132.	114.	N/A	µg/L
Oxygen, Dissolved	12.2	11.7	N/A	mg/L
Phosphorus, Dissolved Reactive	6.70	5.00	N/A	µg/L
Phosphorus, Total	8.30	9.10	N/A	µg/L
Potassium	282.	276.	N/A	µg/L
Silica, Reactive	12.2	10.5	N/A	mg/L
Strontium	28.3	26.2	N/A	µg/L
Temperature, Water	11.7	12.8	N/A	Deg Celsius
THAA9	17.3	42.5	N/A	µg/L
Thorium	ND	ND	N/A	µg/L
Tribromoacetic Acid	ND	ND	N/A	µg/L
Trichloroacetic Acid	8.08	19.2	N/A	µg/L
Turbidity	0.15	0.30	N/A	NTU
UVA	0.048	0.050	N/A	abs/5cm
Vanadium	0.611	0.507	N/A	µg/L

Tolt

Maximum Residual Disinfectant Level

Parameter	TPT-3	B-2	MCL	Units
Chlorine, Free	1.58	0.63	4.	mg/L

Primary Maximum Contaminant Level

Parameter	TPT-3	B-2	MCL	Units
Antimony	ND	ND	6.	µg/L
Arsenic	0.218	0.424	10.	µg/L
Barium	1.11	1.97	2,000.	µg/L
Beryllium	ND	ND	4.	µg/L
Cadmium	ND	ND	5.	µg/L
Chromium	ND	ND	100.	µg/L
Fluoride	0.75	0.68	4.	mg/L
Mercury	ND	ND	2.	µg/L
Nickel	ND	ND	100.	µg/L
Nitrogen, Nitrate	60.6	NOT ANALYZED	10,000.	µg/L
Nitrogen, Nitrite	ND	NOT ANALYZED	1,000.	µg/L
Selenium	ND	ND	50.	µg/L
THAA5	10.3	42.5	60.	µg/L
Thallium	ND	ND	2.	µg/L
Total THMs	10.5	36.8	80.	µg/L
Uranium	ND	ND	30.	µg/L

Secondary Maximum Contaminant Level

Parameter	TPT-3	B-2	MCL	Units
Aluminum	37.0	20.3	50. to 200.	µg/L
Chloride	2.8	3.3	250.	mg/L
Color, Apparent	ND	ND	15.	PCU
Conductivity	60.3	75.7	700.	µmho/cm
Iron	10.1	23.1	300.	µg/L

Manganese	ND	0.920	50.	µg/L
pH	8.20	8.52	6.5 - 8.5	pH Unit
Sodium	935.	2,370.	20,000.	µg/L
Solids, Total Dissolved	60.0	65.2	500.	mg/L
Sulfate	1.70	2.20	250.	mg/L
Zinc	ND	ND	5,000.	µg/L

Action Level

Parameter	TPT-3	B-2	MCL	Units
Copper	1.72	0.457	1,300.	µg/L
Lead	ND	ND	15.	µg/L

Not-Regulated

Parameter	TPT-3	B-2	MCL	Units
Alkalinity, Total	20.1	26.5	N/A	mg/L
Bromochloroacetic Acid	ND	ND	N/A	µg/L
Bromodichloroacetic Acid	ND	1.11	N/A	µg/L
Bromodichloromethane	0.695	2.86	N/A	µg/L
Bromoform	ND	ND	N/A	µg/L
Calcium	9,630.	10,500.	N/A	µg/L
Calcium Hardness	24.0	26.2	N/A	mg CaCO3/L
Carbon, Total Organic	0.94	0.78	N/A	mg/L
Chlorine, Free	1.58	0.63	N/A	mg/L
Chlorodibromoacetic Acid	3.16	ND	N/A	µg/L
Chloroform	9.78	33.9	N/A	µg/L
CO2, Calc	2.3	1.2	N/A	mg/L
Dibromoacetic Acid	ND	ND	N/A	µg/L
Dibromochloromethane	ND	ND	N/A	µg/L
Dichloroacetic Acid	5.54	13.1	N/A	µg/L
Dissolved Oxygen Saturation	171.	133.	N/A	%
Hardness, Grains	0.50	1.53	N/A	Grains/gallon
Magnesium	406.	917.	N/A	µg/L
Molybdenum	ND	ND	N/A	µg/L
Monobromoacetic Acid	ND	ND	N/A	µg/L
Monochloroacetic Acid	ND	1.84	N/A	µg/L
Nitrogen, Nitrite + Nitrate	61.0	91.5	10,000.	µg/L
Nitrogen, Total	107.	130.	N/A	µg/L
Oxygen, Dissolved	18.2	12.9	N/A	mg/L
Phosphorus, Dissolved Reactive	ND	4.70	N/A	µg/L
Phosphorus, Total	ND	8.10	N/A	µg/L
Potassium	108.	247.	N/A	µg/L
Silica, Reactive	5.50	9.74	N/A	mg/L
Strontium	12.2	23.3	N/A	µg/L
Temperature, Water	12.1	16.2	N/A	Deg Celsius
THAA9	13.5	43.7	N/A	µg/L
Thorium	ND	ND	N/A	µg/L
Tribromoacetic Acid	ND	ND	N/A	µg/L
Trichloroacetic Acid	4.76	27.6	N/A	µg/L
Turbidity	0.050	0.20	N/A	NTU

UVA	0.044	0.055	N/A	abs/5cm
Vanadium	ND	0.547	N/A	µg/L