

Quarterly Surface Water Analysis

Samples Collected: 8/10/2021

Cedar

Tolt

CLT-5	M-1A	Analyte	Units	Method	MCL	TPT-3	B-2
MRDL							
1.56	1.07	Chlorine, Free	mg/L	SM-4500 Cl G	4	1.40	0.41
Primary MCL							
0.2U	0.2U	Antimony	ug/L	EPA 200.8	6	0.2U	0.2U
0.523	0.524	Arsenic	ug/L	EPA 200.8	10	0.271	0.336
1.54	1.99	Barium	ug/L	EPA 200.8	2000	1.32	1.79
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
0.64	0.64	Fluoride	mg/L	ASTM D1179-93B	4	0.63	0.63
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
9.92	27.4	THAA5	ug/L	EPA 552.3	60	6.70	22.1
0.2U	0.2U	Thallium	ug/L	EPA 200.8	2	0.2U	0.2U
8.24	27.9	Total THMs	ug/L	EPA 524.2	80	7.65	39.7
0.2U	0.2U	Uranium	ug/L	EPA 200.8	30	0.2U	0.2U
Secondary MCL							
8.22	10.3	Aluminum	ug/L	EPA 200.8	50 to 200	26.2	30.9
3.4	3.8	Chloride	mg/L	SM-4500 Cl E	250	2.7	3.1
5U	5U	Color, Apparent	PCU	SM-2120 B	15	5U	5U
68.9	70.5	Conductivity	umho/cm	ASTM D1125-92A	700	56.0	63.0
15.4	15.9	Iron	ug/L	EPA 200.8	300	10.4	12.0
2.16	2.69	Manganese	ug/L	EPA 200.8	50	1.12	0.640
8.26	8.43	pH	pH Unit	ASTM D1293-95B	6.5 - 8.5	8.38	8.81
2320	2470	Sodium	ug/L	EPA 200.8	20000	950	1240
39.8	42.7	Solids, Total Dissolved	mg/L	SM-2540 C	500	31.3	35.3
0.5U	0.5U	Zinc	ug/L	EPA 200.8	5000	0.5U	0.5U
Action Level							
6.21	0.775	Copper	ug/L	EPA 200.8	1300	2.19	0.370
0.5U	0.5U	Lead	ug/L	EPA 200.8	15	0.5U	0.5U
Non Regulated							
23.7	23.5	Alkalinity, Total	mg/L	ASTM D1067-92B		17.9	19.8
1U	1U	Bromochloroacetic Acid	ug/L	EPA 552.3		1U	1U
1U	1U	Bromodichloroacetic Acid	ug/L	EPA 552.3		1U	1U
0.965	1.79	Bromodichloromethane	ug/L	EPA 524.2		0.703	2.01
0.5U	0.5U	Bromoform	ug/L	EPA 524.2		0.5U	0.5U
8820	8880	Calcium	ug/L	EPA 200.8		8500	9290
22.1	22.2	Calcium Hardness	mg CaCO3/l	SM-2340 B		21.3	23.2
0.78	0.85	Carbon, Total Organic	mg/L	SM-5310 C		0.69	0.67
1.56	1.07	Chlorine, Free	mg/L	SM-4500 Cl G		1.40	0.41
2.5U	2.5U	Chlorodibromoacetic Acid	ug/L	EPA 552.3		2.5U	2.5U
7.28	26.1	Chloroform	ug/L	EPA 524.2		6.95	37.7
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
5.73	14.4	Dichloroacetic Acid	ug/L	EPA 552.3		4.17	7.95
119	132	Dissolved Oxygen Saturation	%	SM-4500 O G		163	153
1.54	1.54	Hardness, Grains	Grains/gallon			1.31	1.43
1120	1060	Magnesium	ug/L	EPA 200.8		344	369
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	2.12	Monochloroacetic Acid	ug/L	EPA 552.3		1.5U	1.5U
20U	20U	Nitrogen, Nitrite + Nitrate	ug/L	EPA 353.2	10000	53.2	58.0
130	68.6	Nitrogen, Total	ug/L	SM-4500 N C		154	107
10.4	11.4	Oxygen, Dissolved	mg/L	SM-4500 O G		16.0	13.4
2U	2U	Phosphorus, Dissolved Reactive	ug/L	SM-4500 P F		2.00	2U
4.10	6.20	Phosphorus, Total	ug/L	SM-4500 P F		4U	4U
258	259	Potassium	ug/L	EPA 200.8		99.8	119
9.52	9.28	Silica, Reactive	mg/L	SM-4500 SiO2 C		4.98	5.60
24.7	25.3	Strontium	ug/L	EPA 200.8		18.2	22.8
21.5	21.8	Temperature, Water	Deg C	SM-2550		15.8	21.4
9.92	27.4	THAA9	ug/L	EPA 552.3		6.70	22.1
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
4.19	10.9	Trichloroacetic Acid	ug/L	EPA 552.3		2.53	14.2
0.18	0.16	Turbidity	NTU	SM-2130 B		0.050	0.090
0.036	0.040	UVA	abs/5cm	SPU TEST		0.043	0.041
0.511	0.5U	Vanadium	ug/L	EPA 200.8		0.5U	0.5U

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".