

Cedar

Samples Collected: 3/7/2017

Tolt

CLT-5	M-1A	Parameter	Units	Method	MCL	TPT-3	B-2
Primary MCL							
0.2U	0.2U	Antimony	ug/L	EPA 200.8	6	0.2U	0.2U
0.372	0.380	Arsenic	ug/L	EPA 200.8	10	0.343	0.334
1.58	1.75	Barium	ug/L	EPA 200.8	2000	1.25	1.55
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
0.69	0.69	Fluoride	mg/L	ASTM D1179-93B	4	0.77	0.79
0.2U	0.2U	Mercury	ug/L	EPA 200.8	2		0.2U
0.203	0.2U	Nickel	ug/L	EPA 200.8	100	0.212	0.247
0.5U	0.5U	Selenium	ug/L	EPA 200.8	50	0.5U	0.5U
0.2U	0.2U	Thallium	ug/L	EPA 200.8	2	0.2U	0.2U
0.2U	0.2U	Uranium	ug/L	EPA 200.8	20.0	0.2U	0.2U
Secondary MCL							
10.8	12.6	Aluminum	ug/L	EPA 200.8	50 to 200	27.0	26.3
2.8	2.7	Chloride	mg/L	SM-4500 Cl C	250	2.5	2.5
5U	5U	Color, Apparent	PCU	SM-2120 B	15	5U	5U
62.7	65.1	Conductivity	umho/cm	ASTM D1125-92A	700	57.2	60.9
41.1	50.4	Iron	ug/L	EPA 200.8	300	36.4	40.6
1.81	2.88	Manganese	ug/L	EPA 200.8	50	0.653	0.5U
8.04	8.04	pH	pH Unit	ASTM D1293-95B	6.5 to 8.5	7.93	8.55
0.297	0.2U	Silver	ug/L	EPA 200.8	100	0.2U	0.2U
40.2	41.7	Solids, Total Dissolved	mg/L	SM-2540 C	500	34.0	35.7
0.5U	0.5U	Zinc	ug/L	EPA 200.8	5000	0.5U	0.5U
Action Level							
11.4	0.848	Copper	ug/L	EPA 200.8	1300	2.33	0.218
0.5U	0.5U	Lead	ug/L	EPA 200.8	15	0.5U	0.5U
MRDL							
	1.20	Chlorine, Free	mg/L	SM-4500 Cl G	4	1.55	0.71
Health Advisory Level							
2280	2320	Sodium	ug/L	EPA 200.8	20000	981	1040
Non Regulated							
19.2	22.1	Alkalinity, Total	mg/L	ASTM D1067-92B		18.6	20.0
20.7	20.8	Calcium	mg CaCO3/L	SM-3500 Ca B		22.4	24.0
7070	7320	Calcium	ug/L	EPA 200.8		7830	8590
0.4	0.4	CO2, Calc	mg/L	SM-4500 CO2 B4		0.4	0.2U
114	112	Dissolved Oxygen Saturation	%	SM-4500 O C		168	192
1.44	1.45	Hardness, Total	Grains/gallon			1.40	1.49
24.9	25.4	Hardness, Total	mg CaCO3/L	SM-2340 C		24.8	26.1
1030	1040	Magnesium	ug/L	EPA 200.8		448	407
0.5U	0.5U	Molybdenum	ug/L	EPA 200.8		0.5U	0.5U
	98.5	Nitrogen, Nitrite + Nitrate	ug/L	EPA 353.2			154
	148	Nitrogen, Total	ug/L	SM-4500 N C			183
14.4	13.8	Oxygen, Dissolved	mg/L	SM-4500 O B		22.4	22.9
	1U	Phosphorus, Dissolved Reactive	ug/L	SM-4500 P F			5.00

CLT-5 = Cedar Treatment Plant Outlet, M-1A = Cedar Distribution @ S. Stacy St. & Utah Ave. S.; TPT-3 = Tolt Filtration Plant Outlet, B-2 = Tolt Distribution @ NW 122nd St. & 1st Ave. NW Primary MCLs are health based standards, Secondary MCL's are for aesthetic reasons (Taste, staining, etc.) MCL = Maximum Contaminant Level, MRDL = Maximum Regulatory Disinfection Level, 1000 ug/L = 1.0 mg/L

* The Action Level for lead and copper are applied to the 90th percentile of residential samples collected every three years. The values here are for reference of the typical values found in the distribution system.

"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
	5.76	Phosphorus, Total	ug/L	SM-4500 P F			5.41
255	257	Potassium	ug/L	EPA 200.8		111	121
8.85	8.96	Silica, Reactive	mg/L	SM-4500 SiO2 D		5.56	5.65
24.6	25.4	Strontium	ug/L	EPA 200.8		24.0	24.8
	6.3	Temperature, Water	Deg C	SM-2550		3.5	7.8
0.5U	0.5U	Thorium	ug/L	EPA 200.8		0.5U	0.5U
0.30	0.35	Turbidity	NTU	SM-2130 B		0.050	0.12
0.057	0.060	UVA	abs/5cm	SPU TEST		0.044	0.043
0.5U	0.5U	Vanadium	ug/L	EPA 200.8		0.5U	0.5U

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