

Cedar

Samples Collected: 3/1/2016 to 3/22/2016

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
0.395	0.408	Arsenic	ug/L	EPA 200.8	10	0.516	0.481
1.56	1.76	Barium	ug/L	EPA 200.8	2000	1.14	1.50
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
0.74	0.74	Fluoride	mg/L	ASTM D1179-93B	4	0.75	0.80
0.2U	0.2U	Mercury	ug/L	EPA 200.8	2	0.2U	0.2U
0.419	0.293	Nickel	ug/L	EPA 200.8	100	0.304	0.329
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	30.0	0.2U	0.2U
Secondary MCL							
18.9	14.8	Aluminum	ug/L	EPA 200.8	50 to 200	41.9	33.2
3.5	3.6	Chloride	mg/L	SM-4500 Cl C	250	2.9	3.0
5U	5U	Color, Apparent	PCU	SM-2120 B	15	5U	5U
61.7	65.2	Conductivity	umho/cm	ASTM D1125-92A	700	55.7	61.0
50.3	51.1	Iron	ug/L	EPA 200.8	300	51.4	45.7
1.68	2.71	Manganese	ug/L	EPA 200.8	50	3.36	1.38
8.22	8.33	pH	pH Unit	ASTM D1293-95B	6.5 - 8.5	7.94	8.47
0.960	0.2U	Silver	ug/L	EPA 200.8	100	0.2U	0.2U
42.7	40.5	Solids, Total Dissolved	mg/L	SM-2540 C	500	30.3	39.0
1.34		Sulfate	mg/L	SM-4500 SO4E	250	1.05	
0.5U	0.5U	Zinc	ug/L	EPA 200.8	5000	0.549	0.5U
Action Level							
9.91	0.851	Copper	ug/L	EPA 200.8	1300	3.17	0.223
0.5U	0.5U	Lead	ug/L	EPA 200.8	15	0.5U	0.5U
Non Regulated							
20.2	21.2	Alkalinity, Total	mg/L	ASTM D1067-92B		17.0	18.6
20.7	21.6	Calcium	mg CaCO3/L	SM-3500 Ca B		22.9	24.7
7470	7780	Calcium	ug/L	EPA 200.8		8350	8850
1.45	1.11	Chlorine, Free	mg/L	SM-4500 Cl G	4	1.48	0.70
0.2	0.2	CO2, Calc	mg/L	SM-4500 CO2 B4		0.4	0.2U
118	113	Dissolved Oxygen Saturation	%	SM-4500 O C		191	191
1.41	1.47	Hardness, Grains	Grains/gallon			1.42	1.52
24.4	25.9	Hardness, EDTA	mg CaCO3/L	SM-2340 C		25.0	26.5
940	954	Magnesium	ug/L	EPA 200.8		419	389
0.5U	0.5U	Molybdenum	ug/L	EPA 200.8		0.5U	0.5U
	91.4	Nitrogen, Nitrite + Nitrate	ug/L	EPA 353.2			158
	131	Nitrogen, Total	ug/L	SM-4500 N C			181
11.6	13.3	Oxygen, Dissolved	mg/L	SM-4500 O B		23.6	21.7
	2.66	Phosphorus, Dissolved Reactive	ug/L	SM-4500 P F			1.47
	5.60	Phosphorus, Total	ug/L	SM-4500 P F			5.01
279	262	Potassium	ug/L	EPA 200.8		129	132
9.88	9.40	Silica, Reactive	mg/L	SM-4500 SiO2 D		5.64	5.96
2330	2350	Sodium	ug/L	EPA 200.8	20000	935	956
29.2	28.3	Strontium	ug/L	EPA 200.8		23.9	24.8
9.3	8.2	Temperature, Water	Deg C	SM-2550		6.4	9.8

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
0.2U	0.2U	Thorium	ug/L	EPA 200.8		0.2U	0.2U
0.43	0.36	Turbidity	NTU	SM-2130 B		0.19	0.10
0.061	0.055	UVA	abs/5cm	SPU TEST		0.047	0.052
1.02	1.11	Vanadium	ug/L	EPA 200.8		0.746	0.607

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