

Cedar

Samples Collected: 6/6/2017

Tolt

CLT-5	M-1A	Parameter	Units	Method	MCL	TPT-3	B-2
MRDL							
1.17	1.07	Chlorine, Free	mg/L	SM-4500 Cl G	4	1.47	0.47
Primary MCL							
0.2U	0.2U	Antimony	ug/L	EPA 200.8	6	0.2U	0.2U
0.483	0.408	Arsenic	ug/L	EPA 200.8	10	0.342	0.373
1.65	1.93	Barium	ug/L	EPA 200.8	2000	1.27	1.74
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
0.67	0.67	Fluoride	mg/L	ASTM D1179-93B	4	0.68	0.68
0.2U	0.2U	Mercury	ug/L	EPA 200.8	2	0.2U	0.2U
0.304	0.352	Nickel	ug/L	EPA 200.8	100	0.301	0.279
10U		Nitrogen, Nitrate	ug/L	SM-4500 NO3F	10000	10U	
2U		Nitrogen, Nitrite	ug/L	EPA 353.2	1000	2U	
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							
30.4	27.6	Aluminum	ug/L	EPA 200.8	50 to 200	32.3	30.6
2.6	2.1	Chloride	mg/L	SM-4500 Cl C	250	2.8	2.9
2.90		Chloride	mg/L	EPA 300.0	250	2.80	
5U	5U	Color, Apparent	PCU	SM-2120 B	15	5U	5U
69.5	64.1	Conductivity	umho/cm	ASTM D1125-92A	700	55.6	60.6
52.8	54.2	Iron	ug/L	EPA 200.8	300	38.6	45.0
2.48	2.52	Manganese	ug/L	EPA 200.8	50	0.976	1.68
8.11	8.24	pH	pH Unit	ASTM D1293-95B	6.5 - 8.5	8.20	8.56
2300	2440	Sodium	ug/L	EPA 200.8	20000	930	1720
50.0	46.3	Solids, Total Dissolved	mg/L	SM-2540 C	500	39.8	43.5
1.54		Sulfate	mg/L	SM-4500 SO4E	250	1.01	
0.5U	0.5U	Zinc	ug/L	EPA 200.8	5000	0.5U	0.5U
Action Level							
8.18	0.292	Copper	ug/L	EPA 200.8	1300	2.54	0.294
0.5U	0.5U	Lead	ug/L	EPA 200.8	15	0.5U	0.5U
Non Regulated							
25.6	22.4	Alkalinity, Total	mg/L	ASTM D1067-92B		18.4	20.2
22.9	21.1	Calcium	mg CaCO3/L	SM-3500 Ca B		22.9	22.3
7410	6890	Calcium	ug/L	EPA 200.8		7180	7040
0.4	0.3	CO2, Calc	mg/L	SM-4500 CO2 B4		0.2	0.2U
130	112	Dissolved Oxygen Saturation	%	SM-4500 O C		172	150
1.58	1.43	Hardness, Grains	Grains/gallon			1.42	1.42
27.4	24.9	Hardness, EDTA	mg CaCO3/L	SM-2340 C		23.8	23.9
1100	892	Magnesium	ug/L	EPA 200.8		394	534
0.5U	0.5U	Molybdenum	ug/L	EPA 200.8		0.5U	0.5U
	110	Nitrogen, Nitrite + Nitrate	ug/L	EPA 353.2			114
	151	Nitrogen, Total	ug/L	SM-4500 N C			141
12.0	11.8	Oxygen, Dissolved	mg/L	SM-4500 O B		18.0	14.2
	4.66	Phosphorus, Dissolved Reactive	ug/L	SM-4500 P F			3.50
	4.92	Phosphorus, Total	ug/L	SM-4500 P F			3U
244	233	Potassium	ug/L	EPA 200.8		101	165

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
11.5	10.5	Silica, Reactive	mg/L	SM-4500 SiO2 D		5.48	8.24
28.2	25.4	Strontium	ug/L	EPA 200.8		25.4	24.9
19.1	13.3	Temperature, Water	Deg C	SM-2550		13.4	18.0
0.5U	0.5U	Thorium	ug/L	EPA 200.8		0.5U	0.5U
0.38	0.58	Turbidity	NTU	SM-2130 B		0.070	0.22
0.048	0.057	UVA	abs/5cm	SPU TEST		0.041	0.050
0.735	0.630	Vanadium	ug/L	EPA 200.8		0.723	0.714

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