

Cedar

Samples Collected: 12/6/2016

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
0.476	0.480	Arsenic	ug/L	EPA 200.8	10	0.469	0.515
1.59	1.97	Barium	ug/L	EPA 200.8	2000	1.31	1.81
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
0.66	0.70	Fluoride	mg/L	ASTM D1179-93B	4	0.84	0.84
0.2U	0.2U	Mercury	ug/L	EPA 200.8	2	0.2U	0.2U
0.331	0.385	Nickel	ug/L	EPA 200.8	100	0.411	0.397
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							
10.7	9.32	Aluminum	ug/L	EPA 200.8	50 to 200	24.9	23.1
3.6	4.0	Chloride	mg/L	SM-4500 Cl C	250	2.9	3.4
5U	5U	Color, Apparent	PCU	SM-2120 B	15	5U	5U
67.9	69.4	Conductivity	umho/cm	ASTM D1125-92A	700	62.8	66.3
62.8	45.9	Iron	ug/L	EPA 200.8	300	40.7	42.9
4.85	2.18	Manganese	ug/L	EPA 200.8	50	0.763	0.5U
8.13	8.26	pH	pH Unit	ASTM D1293-95	6.5 - 8.5	8.09	8.51
0.2U	0.2U	Silver	ug/L	EPA 200.8	100	0.2U	0.2U
42.3	46.2	Solids, Total Dissolved	mg/L	SM-2540 C	500	40.0	39.7
0.5U	0.5U	Zinc	ug/L	EPA 200.8	5000	0.5U	0.5U
Action Level							
7.65	0.795	Copper	ug/L	EPA 200.8	1300	2.42	0.204
0.5U	0.5U	Lead	ug/L	EPA 200.8	15	0.5U	0.5U
Non Regulated							
23.9	24.2	Alkalinity, Total	mg/L	ASTM D1067-92B		21.3	21.9
22.7	24.1	Calcium	mg CaCO3/L	SM-3500 Ca B		26.4	27.0
7540	7940	Calcium	ug/L	EPA 200.8		8700	8970
1.50	1.14	Chlorine, Free	mg/L	SM-4500 Cl G	4	1.50	0.34
0.4	0.3	CO2, Calc	mg/L	SM-4500 CO2 B4		0.3	0.2U
104	109	Dissolved Oxygen Saturation	%	SM-4500 O C		213	186
1.55	1.64	Hardness, Grains	Grains/gallon			1.62	1.65
27.8	28.3	Hardness, EDTA	mg CaCO3/L	SM-2340 C		28.9	28.8
1010	1010	Magnesium	ug/L	EPA 200.8		405	394
0.5U	0.5U	Molybdenum	ug/L	EPA 200.8		0.5U	0.5U
	64.2	Nitrogen, Nitrite + Nitrate	ug/L	EPA 353.2			124
	106	Nitrogen, Total	ug/L	SM-4500 N C			167
11.9	11.9	Oxygen, Dissolved	mg/L	SM-4500 O B		25.0	20.2
	2.82	Phosphorus, Dissolved Reactive	ug/L	SM-4500 P F			1U
	5.33	Phosphorus, Total	ug/L	SM-4500 P F			3U
251	265	Potassium	ug/L	EPA 200.8		117	125
2160	2280	Sodium	ug/L	EPA 200.8	20000	905	1080
25.1	27.2	Strontium	ug/L	EPA 200.8		25.5	26.1
8.9	11.0	Temperature, Water	Deg C	SM-2550		7.8	11.3
0.5U	0.5U	Thorium	ug/L	EPA 200.8		0.5U	0.5U
0.22	0.15	Turbidity	NTU	SM-2130 B		0.050	0.10

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
0.059	0.046	UVA	abs/5cm	SPU TEST		0.039	0.034
0.5U	0.627	Vanadium	ug/L	EPA 200.8		0.552	0.5U

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