

Cedar

Samples Collected: 12/12/2017

Tolt

CLT-5	M-1A	Parameter	Units	Method	MCL	TPT-3	B-2
MRDL							
1.66	1.01	Chlorine, Free	mg/L	SM-4500 Cl G	4	1.42	0.33
Primary MCL							
0.2U	0.2U	Antimony	ug/L	EPA 200.8	6	0.2U	0.2U
0.425	0.443	Arsenic	ug/L	EPA 200.8	10	0.501	0.533
1.37	1.54	Barium	ug/L	EPA 200.8	2000	1.09	1.38
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
0.68	0.68	Fluoride	mg/L	ASTM D1179-93B	4.0	0.67	0.69
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
15.1	31.8	THAA5	ug/L	EPA 552.3	60	11.2	32.7
0.2U	0.2U	Thallium	ug/L	EPA 200.8	2	0.2U	0.2U
9.18	18.0	Total THMs	ug/L	EPA 524.2	80	7.32	35.6
0.2U	0.2U	Uranium	ug/L	EPA 200.8	20.0	0.2U	0.2U
Secondary MCL							
8.77	8.27	Aluminum	ug/L	EPA 200.8	50 to 200	22.0	20.8
3.9	3.2	Chloride	mg/L	SM-4500 Cl C	250	2.7	3.1
5U	5U	Color, Apparent	PCU	SM-2120 B	15	5U	5U
70.0	71.7	Conductivity	umho/cm	ASTM D1125-92A	700	56.6	64.9
76.4	63.8	Iron	ug/L	EPA 200.8	300	29.3	32.6
7.32	5.97	Manganese	ug/L	EPA 200.8	50	1.55	0.655
8.06	8.17	pH	pH Unit	ASTM D1293-95B	6.5 - 8.5	7.95	8.60
1860	1920	Sodium	ug/L	EPA 200.8	20000	781	1010
40.8	44.0	Solids, Total Dissolved	mg/L	SM-2540 C	500	32.8	35.0
0.5U	0.5U	Zinc	ug/L	EPA 200.8	5000	0.5U	0.5U
Action Level							
6.86	0.617	Copper	ug/L	EPA 200.8	1300	6.74	0.218
0.5U	0.5U	Lead	ug/L	EPA 200.8	15	0.5U	0.5U
Non Regulated							
24.9	25.1	Alkalinity, Total	mg/L	ASTM D1067-92B		18.0	21.0
1U	1U	Bromochloroacetic Acid	ug/L	EPA 552.3		1U	1U
1U	1U	Bromodichloroacetic Acid	ug/L	EPA 552.3		1U	1.35
0.970	1.49	Bromodichloromethane	ug/L	EPA 524.2		0.730	2.39
0.5U	0.5U	Bromoform	ug/L	EPA 524.2		0.5U	0.5U
6360	6470	Calcium	ug/L	EPA 200.8		5940	6920
0.83	0.79	Carbon, Total Organic	mg/L	SM-5310 C		0.89	0.77
2.5U	2.5U	Chlorodibromoacetic Acid	ug/L	EPA 552.3		2.5U	2.5U
8.21	16.5	Chloroform	ug/L	EPA 524.2		6.59	33.2
0.4	0.3	CO2, Calc	mg/L	SM-4500 CO2 B4		0.4	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
7.58	15.4	Dichloroacetic Acid	ug/L	EPA 552.3		6.78	8.07
96.0	103	Dissolved Oxygen Saturation	%	SM-4500 O G		167	154
1.12	1.13	Hardness, Grains	Grains/gallon			0.94	1.07
839	843	Magnesium	ug/L	EPA 200.8		322	306
0.5U	0.5U	Molybdenum	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".

"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
1U	1U	Monobromoacetic Acid	ug/L	EPA 552.3		1U	1U
1.5U	1.5U	Monochloroacetic Acid	ug/L	EPA 552.3		1.5U	1.5U
69.2	65.9	Nitrogen, Nitrite + Nitrate	ug/L	EPA 353.2		138	127
119	116	Nitrogen, Total	ug/L	SM-4500 N C		173	159
11.7	11.8	Oxygen, Dissolved	mg/L	SM-4500 O G		20.6	17.3
5.02	3.58	Phosphorus, Dissolved Reactive	ug/L	SM-4500 P F		1U	1U
7.96	6.53	Phosphorus, Total	ug/L	SM-4500 P F		3U	3U
217	211	Potassium	ug/L	EPA 200.8		96.4	105
8.73	8.69	Silica, Reactive	mg/L	SM-4500 SiO2 D		5.57	5.35
21.2	21.6	Strontium	ug/L	EPA 200.8		20.0	21.8
6.3	9.0	Temperature, Water	Deg C	SM-2550		5.8	9.8
15.1	31.8	THAA9	ug/L	EPA 552.3		11.2	34.1
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
7.56	16.3	Trichloroacetic Acid	ug/L	EPA 552.3		4.41	24.7
0.34	0.22	Turbidity	NTU	SM-2130 B		0.090	0.070
0.071	0.062	UVA	abs/5cm	SPU TEST		0.044	0.036
0.5U	0.5U	Vanadium	ug/L	EPA 200.8		0.5U	0.574

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