

Cedar

Samples Collected: 3/6/2018 to 3/7/2018

Tolt

CLT-5	M-1A	Parameter	Units	Method	MCL	TPT-3	B-2
MRDL							
1.70	1.08	Chlorine, Free	mg/L	SM-4500 Cl G	4	1.47	0.29
Primary MCL							
0.2U	0.2U	Antimony	ug/L	EPA 200.8	6	0.2U	0.2U
0.353	0.338	Arsenic	ug/L	EPA 200.8	10	0.388	0.393
1.29	1.48	Barium	ug/L	EPA 200.8	2000	0.997	1.53
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	0.66	Fluoride	mg/L	ASTM D1179-93B	4.0	0.68	0.70
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
11.0	26.8	THAA5	ug/L	EPA 552.3	60	12.8	26.1
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							
11.4	10.8	Aluminum	ug/L	EPA 200.8	50 to 200	29.4	31.2
3.0	3.0	Chloride	mg/L	SM-4500 Cl C	250	2.5	3.0
5U	5U	Color, Apparent	PCU	SM-2120 B	15	5U	5U
63.6	64.5	Conductivity	umho/cm	ASTM D1125-92A	700	59.6	62.9
16.5	21.3	Iron	ug/L	EPA 200.8	300	11.0	16.6
1.92	2.23	Manganese	ug/L	EPA 200.8	50	0.583	0.734
8.10	8.20	pH	pH Unit	ASTM D1293-95B	6.5 - 8.5	8.06	8.60
2340	2220	Sodium	ug/L	EPA 200.8	20000	915	1240
40.5	40.0	Solids, Total Dissolved	mg/L	SM-2540 C	500	40.5	41.3
0.5U	0.5U	Zinc	ug/L	EPA 200.8	5000	0.5U	0.5U
Action Level							
6.64	0.567	Copper	ug/L	EPA 200.8	1300	1.14	0.2U
0.5U	0.5U	Lead	ug/L	EPA 200.8	15	0.5U	0.5U
Non Regulated							
21.0	21.2	Alkalinity, Total	mg/L	ASTM D1067-92B		19.0	19.7
1U	1U	Bromochloroacetic Acid	ug/L	EPA 552.3		1U	1U
1U	1U	Bromodichloroacetic Acid	ug/L	EPA 552.3		1U	1.12
0.810	1.35	Bromodichloromethane	ug/L	EPA 524.2		0.5U	1.57
0.5U	0.5U	Bromoform	ug/L	EPA 524.2		0.5U	0.5U
7470	7440	Calcium	ug/L	EPA 200.8		8570	10300
0.81	0.80	Carbon, Total Organic	mg/L	SM-5310 C		0.87	0.77
1.70	1.08	Chlorine, Free	mg/L	SM-4500 Cl G		1.47	0.29
2.5U	2.5U	Chlorodibromoacetic Acid	ug/L	EPA 552.3		2.5U	2.5U
8.46	18.4	Chloroform	ug/L	EPA 524.2		9.40	28.4
0.3	0.3	CO2, Calc	mg/L	SM-4500 CO2 B4		0.3	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
6.10	13.0	Dichloroacetic Acid	ug/L	EPA 552.3		8.30	6.14
111	103	Dissolved Oxygen Saturation	%	SM-4500 O G		154	147
1.29	1.27	Hardness, Grains	Grains/gallon			1.32	1.58
887	841	Magnesium	ug/L	EPA 200.8		362	390
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
100	98.2	Nitrogen, Nitrite + Nitrate	ug/L	EPA 353.2		139	140
124	133	Nitrogen, Total	ug/L	SM-4500 N C		149	149
13.7	12.3	Oxygen, Dissolved	mg/L	SM-4500 O G		19.8	17.3
2.67	2.34	Phosphorus, Dissolved Reactive	ug/L	SM-4500 P F		1.77	1.55
3.76	4.69	Phosphorus, Total	ug/L	SM-4500 P F		4.51	3U
242	250	Potassium	ug/L	EPA 200.8		108	125
8.13	8.24	Silica, Reactive	mg/L	SM-4500 SiO2 D		5.22	5.04
19.6	19.0	Strontium	ug/L	EPA 200.8		21.2	24.5
5.8	7.3	Temperature, Water	Deg C	SM-2550		4.2	7.9
11.0	26.8	THAA9	ug/L	EPA 552.3		12.8	27.3
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
4.86	13.8	Trichloroacetic Acid	ug/L	EPA 552.3		4.48	20.0
0.23	0.27	Turbidity	NTU	SM-2130 B		0.15	0.32
0.055	0.054	UVA	abs/5cm	SPU TEST		0.039	0.036
0.5U	0.5U	Vanadium	ug/L	EPA 200.8		0.5U	0.5U

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