

Cedar

Samples Collected: 6/25/2019

Tolt

CLT-5	M-1A	Parameter	Units	Method	MCL	TPT-3	B-2
<b>MRDL</b>							
1.50	0.99	Chlorine, Free	mg/L	SM-4500 Cl G	4	1.47	0.17
<b>Primary MCL</b>							
0.2U	0.2U	Antimony	ug/L	EPA 200.8	6	0.2U	0.2U
0.439	0.450	Arsenic	ug/L	EPA 200.8	10	0.252	0.418
1.55	1.89	Barium	ug/L	EPA 200.8	2000	1.21	1.54
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
0.63	0.64	Fluoride	mg/L	ASTM D1179-93B	4.0	0.67	0.68
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
10U		Nitrogen, Nitrate	ug/L	SM-4500 NO3F	10000	72.0	
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
16.3	32.6	THAA5	ug/L	EPA 552.3	60	7.12	22.7
0.2U	0.2U	Thallium	ug/L	EPA 200.8	2	0.2U	0.2U
14.9	33.2	Total THMs	ug/L	EPA 524.2	80	8.24	43.8
0.2U	0.2U	Uranium	ug/L	EPA 200.8	20.0	0.2U	0.2U
<b>Secondary MCL</b>							
10.9	10.7	Aluminum	ug/L	EPA 200.8	50 to 200	27.8	28.5
3.00		Chloride	mg/L	EPA 300.0	250	2.50	
3.1	3.4	Chloride	mg/L	SM-4500 Cl C	250	2.8	2.6
5U	5U	Color, Apparent	PCU	SM-2120 B	15	5U	5U
60.6	64.8	Conductivity	umho/cm	ASTM D1125-92A	700	56.0	59.9
14.9	20.7	Iron	ug/L	EPA 200.8	300	12.0	14.8
1.82	2.11	Manganese	ug/L	EPA 200.8	50	0.667	0.894
8.39	8.21	pH	pH Unit	ASTM D1293-95B	6.5 - 8.5	8.25	8.84
2580	2400	Sodium	ug/L	EPA 200.8	20000	989	1070
37.5	40.5	Solids, Total Dissolved	mg/L	SM-2540 C	500	36.8	39.2
1.59		Sulfate	mg/L	SM-4500 SO4E	25	1.82	
0.751	0.5U	Zinc	ug/L	EPA 200.8	5000	0.5U	0.5U
<b>Action Level</b>							
8.43	0.766	Copper	ug/L	EPA 200.8	1300	2.06	0.264
0.5U	0.5U	Lead	ug/L	EPA 200.8	15	0.5U	0.5U
<b>Non Regulated</b>							
21.4	21.4	Alkalinity, Total	mg/L	ASTM D1067-92B		18.3	19.7
1U	1U	Bromochloroacetic Acid	ug/L	EPA 552.3		1U	1U
1U	1U	Bromodichloroacetic Acid	ug/L	EPA 552.3		1U	1U
1.31	1.94	Bromodichloromethane	ug/L	EPA 524.2		0.842	2.68
0.5U	0.5U	Bromoform	ug/L	EPA 524.2		0.5U	0.5U
8540	7540	Calcium	ug/L	EPA 200.8		9500	8670
21.3	18.8	Calcium Hardness	mg CaCO3/L	SM-2340 B		23.7	21.6
0.79	0.70	Carbon, Total Organic	mg/L	SM-5310 C		0.71	0.61
1.50	0.99	Chlorine, Free	mg/L	SM-4500 Cl G		1.47	0.17
2.5U	2.5U	Chlorodibromoacetic Acid	ug/L	EPA 552.3		2.5U	2.5U
13.6	31.2	Chloroform	ug/L	EPA 524.2		7.40	41.1
0.2	0.2	CO2, Calc	mg/L	SM-4500 CO2 B4		0.2	0.2U
0.5U	0.5U	Dibromoacetic Acid	ug/L	EPA 552.3		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
0.5U	0.5U	Dibromochloromethane	ug/L	EPA 524.2		0.5U	0.5U
9.10	16.4	Dichloroacetic Acid	ug/L	EPA 552.3		4.32	6.98
123	118	Dissolved Oxygen Saturation	%	SM-4500 O G		160	168
1.51	1.31	Hardness, Grains	Grains/gallon			1.46	1.33
1160	924	Magnesium	ug/L	EPA 200.8		375	330
0.5U	0.5U	Molybdenum	ug/L	EPA 200.8		0.5U	0.5U
1U	1U	Monobromoacetic Acid	ug/L	EPA 552.3		1U	1U
1.5U	2.17	Monochloroacetic Acid	ug/L	EPA 552.3		1.5U	1.5U
12.0	13.9	Nitrogen, Nitrite + Nitrate	ug/L	EPA 353.2		76.9	76.8
73.9	63.1	Nitrogen, Total	ug/L	SM-4500 N C		101	95.0
11.9	11.3	Oxygen, Dissolved	mg/L	SM-4500 O G		17.3	15.3
1.06	1.40	Phosphorus, Dissolved Reactive	ug/L	SM-4500 P F		1.20	1.30
3.28	4.26	Phosphorus, Total	ug/L	SM-4500 P F		2U	2U
254	211	Potassium	ug/L	EPA 200.8		123	97.6
8.13	7.83	Silica, Reactive	mg/L	SM-4500 SiO2 D		5.91	5.87
24.1	20.5	Strontium	ug/L	EPA 200.8		25.5	21.4
16.7	17.2	Temperature, Water	Deg C	SM-2550		11.3	19.4
16.3	32.6	THAA9	ug/L	EPA 552.3		7.12	22.7
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
7.16	14.0	Trichloroacetic Acid	ug/L	EPA 552.3		2.80	15.7
0.25	0.30	Turbidity	NTU	SM-2130 B		0.17	0.14
0.037	0.034	UVA	abs/5cm	SPU TEST		0.039	0.037
0.5U	0.5U	Vanadium	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.