

Cedar

Samples Collected: 6/23/2015

Tolt

CLT-5	M-1A	Parameter	Units	Method	MCL	TPT-3	B-2
<b>Chem. General</b>							
21.7	22.2	Alkalinity, Total	mg/L	ASTM D1067-92B		19.1	20.2
65.4	68.9	Conductivity	umho/cm	ASTM D1125-92A	700	58.8	62.5
0.78	0.77	Fluoride	mg/L	ASTM D1179-93B	4	0.80	0.79
8.18	8.32	pH	pH Unit	ASTM D1293-95B		7.91	8.54
5U	5U	Color, Apparent	PCU	SM-2120 B	15	5U	5U
0.32	1.4	Turbidity	NTU	SM-2130 B		0.090	0.12
27.6	27.9	Hardness, Calc	mg CaCO3/L	SM-2340 B		26.2	28.0
27.6	28.3	Hardness, EDTA	mg CaCO3/L	SM-2340 C		26.5	27.9
45.8	45.7	Solids, Total Dissolved	mg/L	SM-2540 C	500	40.0	41.0
23.1	23.5	Calcium	mg CaCO3/L	SM-3500 Ca B		24.7	26.6
3.6	3.8	Chloride	mg/L	SM-4500 Cl C	250	2.3	2.5
0.2	0.2	CO2, Calc	mg/L	SM-4500 CO2 B4		0.3	0.2U
13.4	10.7	Oxygen, Dissolved	mg/L	SM-4500 O B		17.2	16.7
146	115	Dissolved Oxygen Saturation	%	SM-4500 O C		174	186
0.046	0.042	UVA	abs/5cm	SPU TEST		0.045	0.038
<b>Chem. Metals</b>							
8.47	11.5	Aluminum	ug/L	EPA 200.8	200	27.8	31.4
0.8U	0.8U	Antimony	ug/L	EPA 200.8	6	0.8U	0.8U
0.573	0.549	Arsenic	ug/L	EPA 200.8	10	0.585	0.563
1.58	2.30	Barium	ug/L	EPA 200.8	2000	1.32	2.00
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
8570	8840	Calcium	ug/L	EPA 200.8		9170	9930
0.5U	0.5U	Chromium	ug/L	EPA 200.8	100	0.5U	0.5U
19.4	0.642	Copper	ug/L	EPA 200.8	1300	4.92	0.2U
39.7	45.4	Iron	ug/L	EPA 200.8	300	36.8	39.4
0.5U	0.5U	Lead	ug/L	EPA 200.8	15	0.5U	0.5U
1090	1080	Magnesium	ug/L	EPA 200.8		360	329
1.91	2.83	Manganese	ug/L	EPA 200.8	50	1.16	0.635
0.2U	0.2U	Mercury	ug/L	EPA 200.8	5	0.2U	0.2U
0.8U	0.8U	Molybdenum	ug/L	EPA 200.8		0.8U	0.8U
0.5U	0.5U	Nickel	ug/L	EPA 200.8	100	0.5U	0.5U
247	255	Potassium	ug/L	EPA 200.8		112	118
0.8U	0.8U	Selenium	ug/L	EPA 200.8	50	0.8U	0.8U
0.2U	0.260	Silver	ug/L	EPA 200.8	100	0.2U	0.2U
1830	2070	Sodium	ug/L	EPA 200.8		875	908
29.2	31.2	Strontium	ug/L	EPA 200.8		22.2	25.6
0.2U	0.2U	Thallium	ug/L	EPA 200.8	2	0.2U	0.2U
0.5U	0.5U	Thorium	ug/L	EPA 200.8		0.5U	0.5U
0.2U	0.2U	Uranium	ug/L	EPA 200.8	30	0.2U	0.2U
0.657	0.827	Vanadium	ug/L	EPA 200.8		0.5U	0.5U
0.8U	0.8U	Zinc	ug/L	EPA 200.8	5000	0.8U	0.8U
<b>Chem. Nutrient</b>							
	15.1	Nitrogen, Nitrite + Nitrate	ug/L	EPA 353.2	10000		96.2
	3.36	Phosphorus, Dissolved Reactive	ug/L	SM-4500 P F			2.11
9.73	9.72	Silica, Reactive	mg/L	SM-4500 SiO2 D		6.32	6.38
<b>Chem. Organics</b>							
	0.5U	1,1,1,2-Tetrachloroethane	ug/L	EPA 524.2		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

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0.5U		1,1,1-Trichloroethane	ug/L	EPA 524.2	200	0.5U	
0.5U		1,1,2,2-Tetrachloroethane	ug/L	EPA 524.2		0.5U	
0.5U		1,1,2-Trichloroethane	ug/L	EPA 524.2	5	0.5U	
0.5U		1,1-Dichloroethane	ug/L	EPA 524.2		0.5U	
0.5U		1,1-Dichloroethene	ug/L	EPA 524.2	7	0.5U	
0.5U		1,1-Dichloropropene	ug/L	EPA 524.2		0.5U	
0.5U		1,2,3-Trichlorobenzene	ug/L	EPA 524.2		0.5U	
0.5U		1,2,3-Trichloropropane	ug/L	EPA 524.2	21	0.5U	
0.5U		1,2,4-Trichlorobenzene	ug/L	EPA 524.2	70	0.5U	
0.5U		1,2,4-Trimethylbenzene	ug/L	EPA 524.2		0.5U	
0.5U		1,2-Dibromo-3-chloropropane	ug/L	EPA 524.2		0.5U	
0.5U		1,2-Dibromoethane	ug/L	EPA 524.2		0.5U	
0.5U		1,2-Dichlorobenzene	ug/L	EPA 524.2	600	0.5U	
0.5U		1,2-Dichloroethane	ug/L	EPA 524.2	5	0.5U	
0.5U		1,2-Dichloropropane	ug/L	EPA 524.2	5	0.5U	
0.5U		1,3,5-Trimethylbenzene	ug/L	EPA 524.2		0.5U	
0.5U		1,3-Dichlorobenzene	ug/L	EPA 524.2		0.5U	
0.5U		1,3-Dichloropropane	ug/L	EPA 524.2		0.5U	
0.5U		1,4-Dichlorobenzene	ug/L	EPA 524.2	75	0.5U	
0.5U		2,2-Dichloropropane	ug/L	EPA 524.2		0.5U	
0.5U		2-Chlorotoluene	ug/L	EPA 524.2		0.5U	
0.5U		4-Chlorotoluene	ug/L	EPA 524.2		0.5U	
0.5U		Benzene	ug/L	EPA 524.2	5	0.5U	
0.5U		Bromobenzene	ug/L	EPA 524.2		0.5U	
0.5U		Bromochloromethane	ug/L	EPA 524.2		0.5U	
1.23		Bromodichloromethane	ug/L	EPA 524.2		0.5U	
0.5U		Bromoform	ug/L	EPA 524.2		0.5U	
0.5U		Bromomethane	ug/L	EPA 524.2		0.5U	
0.5U		Carbon Tetrachloride	ug/L	EPA 524.2	5	0.5U	
0.5U		Chlorobenzene	ug/L	EPA 524.2	100	0.5U	
1U		Chloroethane	ug/L	EPA 524.2		1U	
11.4		Chloroform	ug/L	EPA 524.2		5.01	
0.5U		Chloromethane	ug/L	EPA 524.2	1.3	0.5U	
0.5U		cis-1,2-Dichloroethene	ug/L	EPA 524.2	70	0.5U	
0.5U		cis-1,3-Dichloropropene	ug/L	EPA 524.2		0.5U	
0.5U		Dibromochloromethane	ug/L	EPA 524.2		0.5U	
0.5U		Dibromomethane	ug/L	EPA 524.2		0.5U	
0.5U		Dichlorodifluoromethane	ug/L	EPA 524.2	530	0.5U	
0.5U		Ethylbenzene	ug/L	EPA 524.2	700	0.5U	
0.5U		Hexachlorobutadiene	ug/L	EPA 524.2		0.5U	
0.5U		Isopropylbenzene	ug/L	EPA 524.2		0.5U	
0.5U		m+p-Xylene	ug/L	EPA 524.2		0.5U	
0.5U		Methylene Chloride	ug/L	EPA 524.2	5	0.5U	
0.5U		MTBE	ug/L	EPA 524.2		0.5U	
0.5U		Naphthalene	ug/L	EPA 524.2		0.5U	
0.5U		n-Butylbenzene	ug/L	EPA 524.2		0.5U	
0.5U		n-Propylbenzene	ug/L	EPA 524.2		0.5U	
0.5U		o-Xylene	ug/L	EPA 524.2		0.5U	
0.5U		p-Isopropyltoluene	ug/L	EPA 524.2		0.5U	
0.5U		sec-Butylbenzene	ug/L	EPA 524.2		0.5U	
0.5U		Styrene	ug/L	EPA 524.2	100	0.5U	
0.5U		tert-Butylbenzene	ug/L	EPA 524.2		0.5U	
0.5U		Tetrachloroethene	ug/L	EPA 524.2	5	0.5U	
0.5U		Toluene	ug/L	EPA 524.2	1000	0.5U	

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12.7		Total THMs	ug/L	EPA 524.2		5.01	
0.00		Total Xylenes	ug/L	EPA 524.2		0.00	
1U		trans-1,2-Dichloroethene	ug/L	EPA 524.2	100	1U	
0.5U		trans-1,3-Dichloropropene	ug/L	EPA 524.2		0.5U	
0.5U		Trichloroethene	ug/L	EPA 524.2	5	0.5U	
1U		Trichlorofluoromethane	ug/L	EPA 524.2	1300	1U	
0.5U		Vinyl Chloride	ug/L	EPA 524.2	2	0.5U	
<b>Contract Lab</b>							
4.10		Chloride	mg/L	EPA 300.0	250	3.00	
2U		Nitrogen, Nitrite	ug/L	EPA 353.2	1000	2U	
0.01U		Cyanide	mg/L	SM-4500 CNE	0.2	0.01U	
14.0		Nitrogen, Nitrate	ug/L	SM-4500 NO3F	10000	99.0	
1.04		Sulfate	mg/L	SM-4500 SO4E	250	1.56	
<b>Field</b>							
19.5	18.9	Temperature, Water	Deg C	SM-2550		15.7	20.8
1.61	1.04	Chlorine, Free	mg/L	SM-4500 Cl G		1.53	0.22
8.24	8.31	pH	pH Unit	SM-4500 H B		8.15	8.55

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