Decourcey Distribution Water Analysis
2458 Pylades Drive (*Sample Collected at 2418 Pylades Drive)

CDWG=Canadian Drinking Water Guidelines
OG= Operational Guidance Value

MAC=Maximum Acceptable Concentration
AO= Asthetic Objective.

Red font indicates non-compliance with Canadian Drinking Water Guidelines

	Units	CDWG		March 6 2002*	April 23 2003*	2004 *	April 20 2005*	May 17 2006*	May 22 2007*	May 26 2008*	May 11 2009*	May 17 2010*	May 24 2011	May 14 2012	May 27 2013	May 12 2014	May 19 2015	
Miscellaneous Inorganics																		
Fluoride	mg/L	1.5	MAC	0.19	0.15	<1	<1.0	1.8	<1	<1.0	<1.0	<1.0	<1.0	0.14	<0.5	0.13	0.15	
Alkalinity (total as CaCO)	mg/L			199	227	200	210	210	200	190	190	190	110	180	200	170	184	
Anions																		
Dissolved Sulphate	mg/L	500	AO	28.98	23.6	32.6	20.5	22.3	20.8	19.6	20.3	20.3	13.2	22.1	22.8	19.9	21.5	
Dissolved Chloride	mg/L	250	AO	33.04	33.4	28.2	35.4	38.6	41.9	47.6	55.8	68.7	55.6	65	63	61	82	
Nitrite	mg/L	1	MAC	<.006	<0.01	<0.1	<0.1	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.0050	
Miscellaneous																		
Apparent Colour	Colour Unit			2	3	7	<5	<5	10	<5	<5	<5	<5	4	<5	<5	<5	
Nutrients																		
Total Ammonia	mg/L													0.05	<0.01	<0.02	0.014	
Physical Properties																		
Conductivity	µS/cm			521	527	529	543	569	563	584	592	643	417	642	625	576	678	
pH	pH	7.0:10.5	AO	7.49	7.69	7.8	7.7	7.9	7.8	8.03	7.9	7.8	7.7	7.9	7.8	7.7	8.26	
TDS	mg/L	500	AO	267	307	320	310	353	322	338	318	424	248	406	362	324	364	
Turbidity	NTU			<0.05	0.16	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	0.2	
Microbiological Parameters																		
E.coli	MPN/100mL	<1	MAC					<1	<1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Total Coliforms	MPN/100mL	<1	MAC			<1	<1	<1	<1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Calculated Parameters																		
Total Hardness (CaCO)	mg/L			37.5	34.7	36	39	37	40	37	42	40	29	42	39	35	40.9	
Nitrate	mg/L	10	MAC	0.03	0.05	<0.1	<0.1	0.04	<0.1	<0.1	0.1	<0.1	<0.1	<0.05	<0.05	<0.05	<0.020	
Elements																		
Total Mercury	mg/L	0.001	MAC	<0.0001	<0.0002	<0.0002	<0.0002	<0.0001	<0.0001	<0.01	<0.01	<0.01	<0.0001	<0.00001	<0.00001	<0.00001	<0.00001	
Total Metals																		
Total Aluminum	mg/L	0.1	OG	<0.009	0.011	0.008	0.006	<0.005	<0.005	<0.05	<0.005	0.012	0.009	<0.005	<0.005	<0.025	0.0052	
Total Antimony	mg/L	0.006	MAC	<0.006	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0001	<0.0005	<0.0005	
Total Arsenic	mg/L	0.01	MAC	<.01	0.0003	0.0002	0.0007	0.0004	0.0003	0.002	0.0004	0.0006	0.0005	0.0006	0.00023	0.00035	0.00021	
Total Barium	mg/L	1	MAC	0.0126	0.013	0.009	0.02	0.031	0.019	0.02	0.02	0.016	0.008	0.013	0.0138	0.0103	0.0109	
Total Beryllium	mg/L													<0.00004	<0.00005	<0.00025	<0.0001	
Total Bismuth	mg/L													<0.001	<0.0001	<0.0005	<0.001	
Total Boron	mg/L	5	MAC	0.019	0.153	0.144	0.14	0.12	0.121	0.1	0.176	0.115	0.074	0.187	0.127	0.115	0.124	
Total Cadmium	mg/L	0.005	MAC	<0.0006	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.0003	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00005	<0.00001	
Total Chromium	mg/L	0.05	MAC	<0.0009	<0.0005	<0.0005	0.0008	<0.0005	<0.0005	<0.003	<0.0004	<0.0004	<0.0004	0.0006	<0.0005	<0.0025	<0.001	
Total Cobalt	mg/L													<0.00002	<0.0001	<0.0005	<0.0005	
Total Copper	mg/L	1	AO	0.005	0.005	0.005	0.01	0.013	0.013	0.02	0.013	0.008	0.006	0.006	0.0087	0.0137	0.00615	
Total Iron	mg/L	0.3	AO	0.026	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	0.03	<0.01	0.065	0.074	0.032	0.034	0.104	
Total Lead	mg/L	0.01	MAC	0.004	0.0004	0.0003	0.0006	0.0006	0.0006	<0.0005	0.0004	0.0002	0.0004	0.0002	0.0004	<0.0005	0.00048	
Total Manganese	mg/L	0.05	AO	0.0051	0.006	<0.005	<0.005	<0.005	<0.005	0.006	0.002	0.0031	0.008	<0.005	0.003	<0.0050	0.0035	
Total Molybdenum	mg/L													<0.0001	0.00014	<0.00025	<0.001	
Total Nickel	mg/L										<0.001	<0.001	<0.001	<0.001	0.0002	<0.0010	<0.001	
Total Selenium	mg/L	0.05	MAC	<0.0002	<0.0002	<0.0002	0.0003	<0.0002	<0.0002	<0.003	0.0008	<0.0006	<0.0006	<0.0006	<0.0001	<0.0005	<0.0001	
Total Silicon	mg/L													7.47	7.71	6.74	8.22	
Total Silver	mg/L										<0.00001	<0.00001	<0.0001	<0.00001	<0.00005	<0.00025	<0.00002	
Total Strontium	mg/L													0.168	0.171	0.135	0.173	
Total Thallium	mg/L													<0.00001	<0.00001	<0.00005	<0.00005	
Total Tin	mg/L													<0.0001	0.0002	<0.0005	<0.005	
Total Titanium	mg/L													<0.001	<0.0005	<0.0025	<0.005	
Total Uranium	mg/L	0.02	MAC	<0.02	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.002	<0.0004	<0.0004	<0.0005	<0.0004	0.00005	<0.00005	<0.0001	
Total Vanadium	mg/L													0.0003	0.0003	<0.0005	<0.005	
Total Zinc	mg/L	5	AO	0.0494	0.042	0.071	0.108	0.115	0.116	0.099	0.092	0.069	0.037	0.035	0.0383	0.0581	0.0349	
Total Zirconium	mg/L																<0.0005	
Total Calcium	mg/L			11.7	10.8	11.5	12	11.8	12.4	11.5	13	12.6	9.1	13	12.2	10.9	13	
Total Magnesium	mg/L			2.02	1.9	1.8	2.1	1.9	2.2	2	2.37	2.17	1.5	2.28	2.14	1.85	2.08	
Total Potassium	mg/L			0.8	0.5	0.7	0.8	0.6	0.6	0.6	0.7	0.9	0.5	0.9	0.8	0.5	0.755	
Total Sodium	mg/L	200	AO	111	114	111	108	6.7	112	126	126	130	79.3	131	129	115	111	
Total Sulphur	mg/L																8.1	