French Creek Well # 2 Water Analysis
Behind 1221 Ormonde Road

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		2000	October 16 2002	October 22 2003	October 26 2004	October 19 2005	October 24 2006	October 24 2007	October 8 2008	October 14 2009	October 27 2010	October 26 2011	October 29 2012	October 31 2013		
Miscellaneous Inorganics																		
Fluoride	mg/L	1.5	MAC	0.17	0.13	<0.60	<1.00	<1.00	<1.00	<1.00	<1.00	<1.0	<1.0	0.1	0.12	0.11		
Alkalinity (total as $CaCO_3$)	mg/L			126	132	130	140	140	130	130	120	130	130	130	130	140		
Anions																		
Dissolved Sulphate	mg/L	500	AO	14.89	12.88	1.7	16.5	11.8	9.6	9.7	21.3	19.1	13.4	18.2	17.4	23.6		
Dissolved Chloride	mg/L	250	AO	2.7	2.58	3.3	3.3	3.1	3.3	3.7	5	3.8	3.2	4.2	4.3	5.8		
Nitrite	mg/L	1	MAC	<0.006	<0.01	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.1	<0.1	<0.01	<0.05	<0.05		
Miscellaneous																		
Apparent Colour	Colour Unit			<5	4	<5	<5	6	<5	<5	<5	13	<5	<5	8	7		
Nutrients																		
Total Ammonia	mg/L												0.25		0.24	0.24		
Physical Properties																		
Conductivity	µS/cm			267	289	285	294	283	285	280	315	299	282	299	293	328		
pH	pH	7.0:10.5	AO	8.11	8.14	7.9	8.1	8.1	8.2	8.08	7.9	8.2	8.2	7.5	8.1	8.1		
TDS	mg/L	500	AO	179	160	180	180	164	6	247	186	198	168	21	172	184		
Turbidity	NTU			0.29	0.11	0.54	<0.50	<0.50	<0.50	<0.50	<0.50	<0.5	<0.5	<0.5	0.8	0.6		
Microbiological Parameters																		
E.coli	MPN/100mL	<1	MAC						<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
Total Coliforms	MPN/100mL	<1	MAC	163			50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
Calculated Parameters																		
Total Hardness ($CaCO_3$)	mg/L			132.7	124.2	134	140	130	63	130	150	150	120	140	130	160		
Nitrate	mg/L	10	MAC	<0.002	<0.01	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.1	<0.1	<0.01	<0.05	<0.05		
Elements																		
Total Mercury	mg/L	0.001	MAC	<0.0001	<0.0002	<0.0002	<0.0002	<0.0001	<0.0001	<0.0001	<0.01	<0.01	<0.00001	<0.00001	<0.0001	<0.00001		
Total Metals																		
Total Aluminum	mg/L	0.1	OG	0.015	0.009	<0.005	0.01	0.046	<0.01	0.009	0.013	<0.005	<0.005	<0.005	0.003	<0.005		
Total Antimony	mg/L	0.006	MAC		<0.0002	<0.0002	<0.0002	<0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0001	<0.0002		
Total Arsenic	mg/L	0.01	MAC	<0.01	<0.0002	<0.0002	<0.0002	0.0002	<0.0004	0.0002	<0.0002	0.0003	<0.0002	<0.0002	0.00012	0.0002		
Total Barium	mg/L	1	MAC	0.0147	0.015	0.015	0.016	0.015	0.02	0.016	0.018	0.016	0.014	0.015	0.0157	0.018		
Total Beryllium	mg/L													<0.00004	<0.00005	<0.00004		
Total Bismuth	mg/L													<0.001	<0.0001	<0.0010		
Total Boron	mg/L	5	MAC	<0.002	1.015	0.018	0.022	0.02	0.022	0.021	0.021	0.019	0.02	0.017	0.02	0.018		
Total Cadmium	mg/L	0.005	MAC	<0.0006	<0.00001	<0.00001	<0.00001	<0.00001	<0.00002	0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.00001	<0.00001		
Total Chromium	mg/L	0.05	MAC	<0.0009	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	<0.0004	<0.0004	<0.0004	<0.0004	<0.0005	<0.0004		
Total Cobalt	mg/L													0.00002	<0.0001	0.00004		
Total Copper	mg/L	1	AO	0.002	0.01	0.002	0.002	0.015	<0.002	0.005	0.005	0.001	0.002	<0.001	0.0009	<0.001		
Total Iron	mg/L	0.3	AO	0.142	<0.1	0.2	0.1	0.1	<0.1	0.1	0.1	0.124	0.072	0.105	0.158	0.169		
Total Lead	mg/L	0.01	MAC	<0.002	0.0005	0.0001	0.0001	0.0018	<0.0002	0.0012	0.0003	<0.0001	0.0002	0.0002	0.0001	<0.0001		
Total Manganese	mg/L	0.05	AO	0.132	0.126	0.125	0.132	0.13	0.06	0.119	0.137	0.127	0.125	0.13	0.134	0.151		
Total Molybdenum	mg/L													0.0007	0.00087	0.0007		
Total Nickel	mg/L											0.001	<0.001	<0.001	<0.0002	<0.001		
Total Selenium	mg/L	0.05	MAC	<0.004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0004	<0.0002	<0.0006	<0.0006	<0.0006	<0.0006	<0.0001	<0.0006		
Total Silicon	mg/L													9.64	11.3	10.2		
Total Silver	mg/L											<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		
Total Strontium	mg/L													0.132	0.131	0.159		
Total Thallium	mg/L													<0.00001	<0.00001	<0.00001		
Total Tin	mg/L													<0.0001	<0.0001	0.0001		
Total Titanium	mg/L													<0.001	<0.0005	<0.0010		
Total Uranium	mg/L	0.02	MAC	<0.06	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	<0.0004	<0.0004	<0.0004	<0.0004	<0.00001	<0.0004		
Total Vanadium	mg/L													0.0002	0.0002	0.0002		
Total Zinc	mg/L	5	AO	0.0367	0.031	0.021	0.029	0.026	0.007	0.074	0.016	0.013	0.011	0.006	0.0264	0.016		
Total Zirconium	mg/L																	
Total Calcium	mg/L			32.7	29.8	32.1	34.2	32.2	15.4	30.8	36.2	35.8	30.7	34.5	33.2	38.6		
Total Magnesium	mg/L			12.4	12.1	13	13.7	11.8	6	11.7	14	13.8	11.6	13.1	12.5	14.7		
Total Potassium	mg/L			2.1	2	2.2	2.3	2.3	1.1	2.2	2.3	2.3	2.2	2.2	2.5	2.56		
Total Sodium	mg/L	200	AO	8.3	7.9	7.9	8.6	9	4.5	8.8	8.69	9.41	16	8.95	9.9	10.9		
Total Sulphur	mg/L																	

French Creek Well # 4 Water Analysis
SE of 785 York Road

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		2000	October 16 2002	October 22 2003	October 26 2004	October 19 2005	October 24 2006	October 24 2007	October 8 2008	October 14 2009	October 27 2010	October 26 2011	October 29 2012	October 31 2013		
Miscellaneous Inorganics																		
Fluoride	mg/L	1.5	MAC	0.12	0.13	<0.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.1	0.12	0.12		
Alkalinity (total as $CaCO_3$)	mg/L			134	143	150	150	150	140	130	150	130	130	130	130	130		
Anions																		
Dissolved Sulphate	mg/L	500	AO	7.26	13.62	12	13.6	13.2	11.1	9.9	21.3	12	10.7	10.4	10.8	13.4		
Dissolved Chloride	mg/L	250	AO	2.52	2.49	3.2	3.1	3.5	3.9	3.4	5.2	4.3	3.9	4.6	4.7	5.2		
Nitrite	mg/L	1	MAC	<0.006	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01	<0.05	<0.05		
Miscellaneous																		
Apparent Colour	Colour Unit			<5	4	<5	<5	8	<5	5	<5	14	6	5	8	7		
Nutrients																		
Total Ammonia	mg/L												0.38		0.32	0.37		
Physical Properties																		
Conductivity	µS/cm			271	300	310	310	304	295	297	317	289	288	285	280	305		
pH	pH	7.0:10.5	AO	8.06	8.18	7.94	7.8	8.1	8.2	8.15	7.9	8.2	8.1	8.1	8.1	8.1		
TDS	mg/L	500	AO	182	173	173	190	146	200	193	152	182	168	186	162	180		
Turbidity	NTU			<0.05	0.1	0.56	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	<0.5		
Microbiological Parameters																		
E.coli	MPN/100mL	<1	MAC						<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
Total Coliforms	MPN/100mL	<1	MAC	39			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
Calculated Parameters																		
Total Hardness ($CaCO_3$)	mg/L			135.9	130	140	150	136	130	130	150	130	120	130	130	140		
Nitrate	mg/L	10	MAC	<0.002	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01	<0.05	<0.05		
Elements																		
Total Mercury	mg/L	0.001	MAC	<0.0001	<0.0002	<0.0002	<0.0002	<0.0001	<0.0001	<0.0001	<0.01	<0.01	<0.00001	<0.00001	<0.0001	<0.00001		
Total Metals																		
Total Aluminum	mg/L	0.1	OG	0.015	0.009	<0.005	0.01	0.046	<0.01	0.009	0.013	<0.005	<0.005	<0.005	0.004	0.005		
Total Antimony	mg/L	0.006	MAC		<0.0002	<0.0002	<0.0002	<0.0002	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0001	<0.0002		
Total Arsenic	mg/L	0.01	MAC	<0.01	<0.0002	<0.0002	<0.0002	0.0002	<0.0004	0.0002	<0.0002	0.0003	<0.0002	<0.0002	0.00009	<0.0002		
Total Barium	mg/L	1	MAC	0.0147	0.015	0.015	0.016	0.015	0.02	0.016	0.018	0.016	0.012	0.012	0.012	0.014		
Total Beryllium	mg/L													<0.00004	<0.00005	<0.00004		
Total Bismuth	mg/L													<0.001	<0.0001	<0.0010		
Total Boron	mg/L	5	MAC	<0.002	1.015	0.018	0.022	0.02	0.022	0.021	0.021	0.019	0.021	0.02	0.022	0.023		
Total Cadmium	mg/L	0.005	MAC	<0.0006	<0.00001	<0.00001	<0.00001	<0.00001	<0.00002	0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		
Total Chromium	mg/L	0.05	MAC	<0.0009	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	<0.0004	<0.0004	0.0006	<0.0004	<0.0005	<0.0004		
Total Cobalt	mg/L													0.00002	<0.0001	0.00003		
Total Copper	mg/L	1	AO	0.002	0.01	0.002	0.002	0.015	<0.002	0.005	0.005	0.001	<0.001	0.002	0.0006	<0.001		
Total Iron	mg/L	0.3	AO	0.142	<0.1	0.2	0.1	0.1	<0.1	0.1	0.1	0.124	0.108	0.109	0.102	0.121		
Total Lead	mg/L	0.01	MAC	<0.002	0.0005	0.0001	0.0001	0.0018	<0.0002	0.0012	0.0003	<0.0001	0.0002	0.0001	<0.0001	<0.0001		
Total Manganese	mg/L	0.05	AO	0.132	0.126	0.125	0.132	0.13	0.06	0.119	0.137	0.127	0.142	0.133	0.131	0.153		
Total Molybdenum	mg/L													0.0004	0.00062	0.0005		
Total Nickel	mg/L											0.001	<0.001	<0.001	<0.0002	<0.001		
Total Selenium	mg/L	0.05	MAC	<0.004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0004	<0.0002	<0.0006	<0.0006	<0.0006	<0.0006	<0.0001	<0.0006		
Total Silicon	mg/L													10.8	12.7	12		
Total Silver	mg/L											<0.00001	<0.00001	<0.00001	<0.00001	<0.00001		
Total Strontium	mg/L													0.114	0.118	0.142		
Total Thallium	mg/L													<0.00001	<0.00001	<0.00001		
Total Tin	mg/L													<0.0001	<0.0001	0.0001		
Total Titanium	mg/L													<0.001	<0.0005	<0.0010		
Total Uranium	mg/L	0.02	MAC	<0.06	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	<0.0004	<0.0004	<0.0004	<0.0004	<0.00001	<0.0004		
Total Vanadium	mg/L													0.0003	0.0003	0.0004		
Total Zinc	mg/L	5	AO	0.0367	0.031	0.021	0.029	0.026	0.007	0.074	0.016	0.013	0.02	0.017	0.0106	0.006		
Total Zirconium	mg/L																	
Total Calcium	mg/L			32.7	29.8	32.1	34.2	32.2	15.4	30.8	36.2	35.8	29.9	31.5	30	33.4		
Total Magnesium	mg/L			12.4	12.1	13	13.7	11.8	6	11.7	14	13.8	11.8	12.8	12.2	13.8		
Total Potassium	mg/L			2.1	2	2.2	2.3	2.3	1.1	2.2	2.3	2.3	2.3	2.2	2.6	2.71		
Total Sodium	mg/L	200	AO	8.3	7.9	7.9	8.6	9	4.5	8.8	8.69	9.41	16.9	10	10.6	12.6		
Total Sulphur	mg/L																	

French Creek Well # 5 Water Analysis
1140 Sunrise Drive

CDWG=Canadian Drinking Water Guidelines
OG= Operational Guidance Value

Well not sampled in 2009 & 2010. Well not in use since July 2005.

MAC=Maximum Acceptable Concentration
AO= Asthetic Objective.

Red font indicates non-compliance with Canadian Drinking Water Guidelines

	Units	CDWG		2000	October 16 2002	October 22 2003	October 26 2004	October 19 2005	October 24 2006	October 24 2007	October 8 2008	October 26 2011	October 29 2012	October 31 2013				
Miscellaneous Inorganics																		
Fluoride	mg/L	1.5	MAC	0.14	0.15	<0.6	<1.0	<1.0	<1.0	<1.0	<1.0	0.2	0.16	0.15				
Alkalinity (total as $CaCO_3$)	mg/L			135	129	150	160	140	130	130	130	130	130	120				
Anions																		
Dissolved Sulphate	mg/L	500	AO	0.12	0.17	1.8	<2	11.2	<2.0	<2.0	<2.0	<0.2	<0.5	1				
Dissolved Chloride	mg/L	250	AO	7.06	9.5	11.3	10.3	3.1	5.7	5.4	7.2	6.5	6.1	6.1				
Nitrite	mg/L	1	MAC	<0.006	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01	<0.05	<0.05				
Miscellaneous																		
Apparent Colour	Colour Unit			25	28	20	25	30	14	18	35	30	32	29				
Nutrients																		
Total Ammonia	mg/L												1.64	1.48				
Physical Properties																		
Conductivity	µS/cm			270	293	321	312	272	258	262	263	264	262	265				
pH	pH	7.0:10.5	AO	7.66	7.61	7.62	7.7	8.1	7.8	8.01	7.7	7.9	7.7	7.8				
TDS	mg/L	500	AO	181	173	167	210	164	190	253	176	188	166	150				
Turbidity	NTU			0.43	0.87	1.64	1.8	1.6	1	1.5	0.9	0.7	0.9	0.6				
Microbiological Parameters																		
E.coli	MPN/100mL	<1	MAC						<1.0	<1.0	<1.0	<1.0	<1.0	<1.0				
Total Coliforms	MPN/100mL	<1	MAC	36	<1.0		<1.0	<1.0	<1.0	1	<1.0	<1.0	<1.0	<1.0				
Calculated Parameters																		
Total Hardness ($CaCO_3$)	mg/L			103.8	100	106	110	89	86	86	87	89	85	88				
Nitrate	mg/L	10	MAC	<0.002	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01	<0.05	<0.05				
Elements																		
Total Mercury	mg/L	0.001	MAC	<0.0001	<0.0002	<0.0002	<0.0002	<0.0001	<0.0001	<0.0001	<0.01	<0.00001	<0.0001	<0.00001				
Total Metals																		
Total Aluminum	mg/L	0.1	OG	0.013	<0.005	<0.005	0.024	0.065	0.011	0.024	0.009	<0.005	0.002	<0.005				
Total Antimony	mg/L	0.006	MAC		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0001	<0.0002				
Total Arsenic	mg/L	0.01	MAC	<0.01	0.0008	0.0009	0.0011	0.001	0.0007	0.0008	0.0005	0.0005	0.00044	0.0004				
Total Barium	mg/L	1	MAC	0.0066	0.007	0.008	0.008	0.006	0.007	0.007	0.006	0.005	0.00571	0.006				
Total Beryllium	mg/L											<0.00004	<0.00005	<0.00004				
Total Bismuth	mg/L											<0.001	<0.0001	<0.0010				
Total Boron	mg/L	5	MAC	0.02	0.039	0.062	0.07	0.052	0.058	0.056	0.051	0.052	0.058	0.058				
Total Cadmium	mg/L	0.005	MAC	<0.0006	<0.00001	0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.00001	0.00001				
Total Chromium	mg/L	0.05	MAC	<0.0009	<0.0005	<0.0005	<0.0005	0.0005	<0.0005	0.0007	0.0006	<0.0004	<0.0005	0.0004				
Total Cobalt	mg/L											0.00003	<0.0001	0.00004				
Total Copper	mg/L	1	AO	<0.001	0.003	0.013	<0.001	0.004	<0.001	0.002	0.001	<0.001	0.0015	0.002				
Total Iron	mg/L	0.3	AO	0.882	0.9	1	1.1	0.9	0.9	1.1	0.73	0.742	0.719	0.711				
Total Lead	mg/L	0.01	MAC	<0.002	0.0001	0.0017	0.0002	0.0014	0.0004	0.0006	0.0004	0.0002	0.0002	0.0003				
Total Manganese	mg/L	0.05	AO	0.256	0.246	0.235	0.271	0.211	0.198	0.205	0.182	0.194	0.192	0.2				
Total Molybdenum	mg/L											0.0006	0.00079	0.0007				
Total Nickel	mg/L											<0.001	<0.0002	<0.001				
Total Selenium	mg/L	0.05	MAC	<0.004	<0.0002	<0.0002	<0.0002	0.0002	<0.0002	<0.0002	<0.0006	<0.0006	<0.0001	<0.0006				
Total Silicon	mg/L											16.7	19.8	18.2				
Total Silver	mg/L											<0.00001	<0.00001	<0.00001				
Total Strontium	mg/L											0.07	0.0734	0.077				
Total Thallium	mg/L											<0.00001	<0.00001	<0.00001				
Total Tin	mg/L											<0.0001	<0.0001	0.0002				
Total Titanium	mg/L											<0.001	0.0008	<0.0010				
Total Uranium	mg/L	0.02	MAC	<0.06	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0004	<0.0004	<0.00001	<0.0004				
Total Vanadium	mg/L											0.0008	0.001	0.001				
Total Zinc	mg/L	5	AO	0.0049	0.003	0.032	0.027	0.062	0.033	0.047	0.03	0.014	0.0097	0.015				
Total Zirconium	mg/L																	
Total Calcium	mg/L			24.9	23.4	25	27	21.5	20.4	20.8	20.5	21.3	20.4	20.6				
Total Magnesium	mg/L			10.1	10.1	10.6	11.2	8.5	8.4	8.2	8.69	8.7	8.36	8.79				
Total Potassium	mg/L			2.7	2.6	2.7	2.9	2.6	2.6	2.5	2.4	2.5	2.9	2.79				
Total Sodium	mg/L	200	AO	23.5	21.8	23	26	21.5	20.6	20.4	20.3	21.9	24.4	24.8				
Total Sulphur	mg/L																	

French Creek Well # 6 Water Analysis
1108 Wellington Drive

CDWG=Canadian Drinking Water Guidelines
OG= Operational Guidance Value

Well not sampled in 2009 & 2010. Well not in use since July 2005.

MAC=Maximum Acceptable Concentration
AO= Asthetic Objective.

Red font indicates non-compliance with Canadian Drinking Water Guidelines

	Units	CDWG		2000	October 16 2002	October 22 2003	October 26 2004	October 19 2005	October 24 2006	October 24 2007	October 8 2008	October 26 2011	October 29 2012	October 31 2013				
Miscellaneous Inorganics																		
Fluoride	mg/L	1.5	MAC	0.14	0.17	<0.6	<1.0	<1.0	<1.0	<1.0	<1.0	0.1	0.16	0.15				
Alkalinity (total as $CaCO_3$)	mg/L			121	121	130	130	120	110	110	110	110	110	100				
Anions																		
Dissolved Sulphate	mg/L	500	AO	0.09	<0.2	1.7	<2	<2	<2.0	<2.0	<2.0	<0.2	<0.5	0.8				
Dissolved Chloride	mg/L	250	AO	4.05	3.8	5	4.3	4.2	4.5	3.9	5.5	4.3	4	3.9				
Nitrite	mg/L	1	MAC	<0.006	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01	<0.05	<0.05				
Miscellaneous																		
Apparent Colour	Colour Unit			25	23	19	16	27	11	19	31	26	31	28				
Nutrients																		
Total Ammonia	mg/L												1.24	1.06				
Physical Properties																		
Conductivity	µS/cm			252	247	264	237	226	219	225	224	219	218	220				
pH	pH	7.0:10.5	AO	7.64	7.61	7.56	7.7	7.9	7.8	8	7.6	7.8	7.7	7.7				
TDS	mg/L	500	AO	169	147	133	150	220	170	140	162	168	142	138				
Turbidity	NTU			0.62	0.87	1.3	1.1	1.6	1.8	3	0.9	0.7	0.9	0.8				
Microbiological Parameters																		
E.coli	MPN/100mL	<1	MAC						<1.0	<1.0	<1.0	<1.0	<1.0	<1.0				
Total Coliforms	MPN/100mL	<1	MAC	942	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0				
Calculated Parameters																		
Total Hardness ($CaCO_3$)	mg/L			97.3	90.2	91	97	83	80	81	84	83	79	83				
Nitrate	mg/L	10	MAC	<0.002	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01	<0.05	<0.05				
Elements																		
Total Mercury	mg/L	0.001	MAC	<0.0001	<0.001	<0.0002	<0.0002	<0.0001	<0.0001	<0.0001	<0.01	<0.00001	<0.0001	<0.00001				
Total Metals																		
Total Aluminum	mg/L	0.1	OG	0.026	<0.005	<0.005	<0.005	<0.005	<0.005	0.007	0.006	<0.005	0.002	<0.005				
Total Antimony	mg/L	0.006	MAC		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0001	<0.0002				
Total Arsenic	mg/L	0.01	MAC	<0.01	0.0015	0.0018	0.0018	0.0022	0.0017	0.0016	0.0014	0.0014	0.00132	0.0013				
Total Barium	mg/L	1	MAC	0.0049	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.004	0.0044	0.005				
Total Beryllium	mg/L											<0.00004	<0.00005	<0.00004				
Total Bismuth	mg/L											<0.001	<0.0001	<0.0010				
Total Boron	mg/L	5	MAC	<0.002	0.021	0.034	0.036	0.028	0.032	0.033	0.032	0.03	0.033	0.032				
Total Cadmium	mg/L	0.005	MAC	<0.0006	0.00005	<0.00001	<0.00001	<0.00001	<0.00001	0.00002	<0.00001	<0.00001	<0.00001	<0.00001				
Total Chromium	mg/L	0.05	MAC	<0.0009	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.001	0.0006	<0.0004	<0.0005	0.0004				
Total Cobalt	mg/L											0.00004	<0.0001	0.00003				
Total Copper	mg/L	1	AO	<0.001	<0.001	0.001	0.001	0.001	0.002	0.004	0.002	0.001	0.0012	<0.001				
Total Iron	mg/L	0.3	AO	0.773	0.8	0.9	0.9	1.2	1	1.5	0.8	0.846	0.813	0.864				
Total Lead	mg/L	0.01	MAC	<0.002	0.0002	0.0009	0.006	0.0018	0.0013	0.0039	0.0023	0.0007	0.0006	0.0001				
Total Manganese	mg/L	0.05	AO	0.198	0.183	0.17	0.186	0.19	0.168	0.182	0.171	0.168	0.166	0.177				
Total Molybdenum	mg/L											0.0008	0.00094	0.0008				
Total Nickel	mg/L											<0.001	<0.0002	<0.001				
Total Selenium	mg/L	0.05	MAC	<0.004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0002	<0.0006	<0.0006	<0.0001	<0.0006				
Total Silicon	mg/L											15.5	18	16.9				
Total Silver	mg/L											<0.00001	<0.00001	<0.00001				
Total Strontium	mg/L											0.057	0.0581	0.063				
Total Thallium	mg/L											<0.00001	<0.00001	<0.00001				
Total Tin	mg/L											<0.0001	<0.0001	<0.0001				
Total Titanium	mg/L											0.001	0.0008	<0.0010				
Total Uranium	mg/L	0.02	MAC	<0.06	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0004	<0.0004	<0.00001	<0.0004				
Total Vanadium	mg/L											0.0011	0.0012	0.0011				
Total Zinc	mg/L	5	AO	0.0137	0.009	0.017	0.015	0.088	0.074	0.398	0.062	0.032	0.0134	0.019				
Total Zirconium	mg/L																	
Total Calcium	mg/L			23.1	20.8	21.1	22.8	20	18.8	19.5	19.7	19.7	18.6	19.3				
Total Magnesium	mg/L			9.63	9.3	9.4	9.8	8	7.9	7.9	8.51	8.28	7.87	8.42				
Total Potassium	mg/L			2.1	2	2	2.2	1.9	2	2	1.9	1.9	2.2	2.12				
Total Sodium	mg/L	200	AO	16.5	18	15.8	16.1	14.4	14.2	14.6	15.3	15.5	18	16.9				
Total Sulphur	mg/L																	

French Creek Well # 7 Water Analysis
846 Yambury Road

CDWG=Canadian Drinking Water Guidelines
OG= Operational Guidance Value

Well not sampled in 2010. Well was offline for well work.

MAC=Maximum Acceptable Concentration
AO= Asthetic Objective.

Red font indicates non-compliance with Canadian Drinking Water Guidelines

	Units	CDWG		2000	October 16 2002	October 22 2003	October 26 2004	October 19 2005	October 24 2006	October 24 2007	October 8 2008	October 14 2009	October 26 2011	October 29 2012	October 31 2013			
Miscellaneous Inorganics																		
Fluoride	mg/L	1.5	MAC	0.12	0.13	<0.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.1	0.13	0.1			
Alkalinity (total as $CaCO_3$)	mg/L			131	142	160	160	160	150	160	160	150	150	140	140			
Anions																		
Dissolved Sulphate	mg/L	500	AO	15.22	15.82	17.6	20	18.9	13.1	<2.0	17.4	14.8	15.1	16.6	36.6			
Dissolved Chloride	mg/L	250	AO	2.13	2.37	2.8	3.4	3	3.4	3.2	4.9	4.3	4.5	5.1	4.4			
Nitrite	mg/L	1	MAC	<0.006	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01	<0.05	<0.05			
Miscellaneous																		
Apparent Colour	Colour Unit			<5	5	<5	<5	7	<5	<5	5	14	<5	5	7			
Nutrients																		
Total Ammonia	mg/L												0.23	0.22	0.23			
Physical Properties																		
Conductivity	µS/cm			277	314	338	333	342	316	355	343	319	317	310	357			
pH	pH	7.0:10.5	AO	8.17	8.12	8.05	8.2	8.2	8.3	8.22	8	8.3	8.2	8.2	8.2			
TDS	mg/L	500	AO	186	160	193	220	300	210	273	210	186	208	194	214			
Turbidity	NTU			0.13	0.24	0.66	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	0.5	0.5			
Microbiological Parameters																		
E.coli	MPN/100mL	<1	MAC						<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
Total Coliforms	MPN/100mL	<1	MAC	50			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
Calculated Parameters																		
Total Hardness ($CaCO_3$)	mg/L			142.3	139	155	170	160	140	160	160	160	140	140	180			
Nitrate	mg/L	10	MAC	<0.002	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01	<0.05	<0.05			
Elements																		
Total Mercury	mg/L	0.001	MAC	<0.0001	<0.0002	<0.0002	<0.0002	<0.0001	<0.0001	<0.0001	<0.01	<0.01	<0.00001	<0.0001	<0.00001			
Total Metals																		
Total Aluminum	mg/L	0.1	OG	0.021	0.006	<0.005	<0.0005	<0.005	0.015	0.021	0.007	<0.005	<0.005	0.003	<0.005			
Total Antimony	mg/L	0.006	MAC		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0001	<0.0002			
Total Arsenic	mg/L	0.01	MAC	<0.01	<0.0002	0.0002	0.0003	0.0003	<0.0002	0.0002	<0.0002	0.0004	<0.0002	0.0001	<0.0002			
Total Barium	mg/L	1	MAC	0.0144	0.015	0.017	0.018	0.017	0.015	0.018	0.017	0.016	0.014	0.0141	0.017			
Total Beryllium	mg/L												<0.00004	<0.00005	<0.00004			
Total Bismuth	mg/L												<0.001	<0.0001	<0.0010			
Total Boron	mg/L	5	MAC	<0.002	0.014	0.019	0.02	0.019	0.021	0.019	0.018	0.015	0.017	0.02	0.016			
Total Cadmium	mg/L	0.005	MAC	<0.0006	<0.00001	0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.00001	<0.00001			
Total Chromium	mg/L	0.05	MAC	<0.0009	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0004	<0.0004	<0.0004	<0.0005	<0.0004			
Total Cobalt	mg/L												<0.00002	<0.0001	0.00004			
Total Copper	mg/L	1	AO	<0.001	0.002	<0.001	<0.001	0.001	0.001	0.002	<0.001	<0.001	<0.001	0.0003	<0.001			
Total Iron	mg/L	0.3	AO	0.158	<0.1	0.1	0.1	0.1	<0.1	0.2	0.11	0.15	0.12	0.104	0.149			
Total Lead	mg/L	0.01	MAC	<0.002	0.0004	<0.0001	0.0001	0.0002	0.0001	0.0001	0.0004	<0.0001	<0.0001	<0.0001	<0.0001			
Total Manganese	mg/L	0.05	AO	0.127	0.126	0.132	0.156	0.147	0.124	0.148	0.138	0.141	0.131	0.13	0.155			
Total Molybdenum	mg/L												0.0005	0.0006	0.0006			
Total Nickel	mg/L											<0.001	<0.001	<0.0002	<0.001			
Total Selenium	mg/L	0.05	MAC	<0.004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0006	<0.0006	<0.0006	<0.00001	<0.0006			
Total Silicon	mg/L												10.6	12.3	11.2			
Total Silver	mg/L											<0.00001	<0.00001	<0.00001	<0.00001			
Total Strontium	mg/L												0.133	0.134	0.168			
Total Thallium	mg/L												<0.00001	<0.00001	<0.00001			
Total Tin	mg/L												<0.0001	<0.0001	0.0001			
Total Titanium	mg/L												0.002	<0.0005	<0.0010			
Total Uranium	mg/L	0.02	MAC	<0.06	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0004	<0.0004	<0.0004	<0.00001	<0.0004			
Total Vanadium	mg/L												0.0002	0.0002	0.0002			
Total Zinc	mg/L	5	AO	0.0782	0.046	0.043	0.01	0.012	0.003	0.012	0.006	0.016	0.002	0.0009	0.005			
Total Zirconium	mg/L																	
Total Calcium	mg/L			35.7	33.7	37.2	41.6	39.8	35	39.3	39.9	37.8	37.7	35.1	42.3			
Total Magnesium	mg/L			12.9	13.3	15.2	16.7	14.9	13.3	15.1	15.8	16	14.6	13.6	16.9			
Total Potassium	mg/L			2.1	2.1	2.2	2.5	2.4	2.4	2.4	2.4	2.4	2.3	2.6	2.7			
Total Sodium	mg/L	200	AO	9.2	9	8.4	9	9.5	9.9	9	8.49	8.81	9.35	10.4	10.9			
Total Sulphur	mg/L																	