

Chapman Creek Water Potability Test Results

Date: January 18, 2018

Sample collected for Chapman Creek Water System

PARAMETERS	UNITS	CH-26	GCDWQ ³	
Misc. Inorganics				OG/AO/MAC ⁴
Fluoride (F)	mg/L	ND	1.5	MAC
Anions				
Nitrite (N)	mg/L	ND	1	MAC
Calculated Parameters				
Total Hardness (CaCO ₃)	mg/L	7.27	80-100	OG
Nitrate (N)	mg/L	0.055	10	MAC
Misc. Inorganics				
Alkalinity (total as CaCO ₃)	mg/L	25.2		
Alkalinity (PP as CaCO ₃)	mg/L	ND		
Bicarbonate (HCO ₃)	mg/L	30.7		
Carbonate (CO ₃)	mg/L	ND		
Hydroxide (OH)	mg/L	ND		
Anions				
Dissolved Sulphate (SO ₄)	mg/L	ND	500	AO
Dissolved Chloride (Cl)	mg/L	13	250	AO
MISCELLANEOUS				
True Color	Col. Units	ND	15	AO
Nutrients				
Nitrate + Nitrite (N)	mg/L	0.055		
Physical Properties				
Conductivity	uS/cm	92.9		
pH	pH units	7.67	7 - 10.5	OG
Physical Properties				
Total Dissolved Solids	mg/L	46	500	AO
Turbidity	NTU	0.30	5	MAC
Total Metals by ICPMS				
Total Aluminum (Al)	ug/L	48.8	200	OG
Total Antimony (Sb)	ug/L	ND	6	MAC
Total Arsenic (As)	ug/L	ND	10	MAC
Total Barium (Ba)	ug/L	1.9	1000	MAC
Total Beryllium (Be)	ug/L	ND		
Total Bismuth (Bi)	ug/L	ND		
Total Boron (B)	ug/L	ND	5000	MAC
Total Cadmium (Cd)	ug/L	ND	5	MAC
Total Chromium (Cr)	ug/L	ND	50	MAC
Total Cobalt (Co)	ug/L	ND		
Total Copper (Cu)	ug/L	4.13	1000	AO
Total Iron (Fe)	ug/L	67.1	300	AO
Total Lead (Pb)	ug/L	0.40	10	MAC
Total Manganese (Mn)	ug/L	1.1	50	AO
Total Mercury (Hg)	ug/L	ND	1	MAC

Chapman Creek Water Potability Test Results

Date: January 18, 2018

Sample collected for Chapman Creek Water System

PARAMETERS-continued	UNITS	CH-26	GCDWQ ³	
Total Molybdenum (Mo)	ug/L	ND		
Total Nickel (Ni)	ug/L	ND		
Total Selenium (Se)	ug/L	ND	50	MAC
Total Silicon (Si)	ug/L	2070		
Total Silver (Ag)	ug/L	ND		
Total Strontium (Sr)	ug/L	8.4		
Total Thallium (Tl)	ug/L	ND		
Total Tin (Sn)	ug/L	ND		
Total Titanium (Ti)	ug/L	ND		
Total Uranium (U)	ug/L	ND	20	MAC
Total Vanadium (V)	ug/L	ND		
Total Zinc (Zn)	ug/L	ND	5000	AO
Total Zirconium (Zr)	ug/L	ND		
Total Calcium (Ca)	mg/L	2.55		
Total Magnesium (Mg)	mg/L	0.222		
Total Potassium (K)	mg/L	0.106		
Total Sodium (Na)	mg/L	15.6	200	AO
Total Sulphur (S)	mg/L	ND		

ND = not detected

RDL = Reportable Detection Limit

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality (Where no limits are in the table above please refer to the guideline)

4 - OG/AO/MAC (Operational Guidance / Aesthetic objective / Maximum Acceptable Concentration)

South Pender Water Potability Test Results

Date: January 17, 2018

Sample collected for South Pender Water System

PARAMETERS	UNITS	SP-03	GCDWQ ³	
Misc. Inorganics				OG/AO/MAC ⁴
Fluoride (F)	mg/L	ND	1.5	MAC
Anions				
Nitrite (N)	mg/L	ND	1	MAC
Calculated Parameters				
Total Hardness (CaCO ₃)	mg/L	13.1	80-100	OG
Nitrate (N)	mg/L	ND	10	MAC
Misc. Inorganics				
Alkalinity (total as CaCO ₃)	mg/L	40.6		
Alkalinity (PP as CaCO ₃)	mg/L	ND		
Bicarbonate (HCO ₃)	mg/L	49.5		
Carbonate (CO ₃)	mg/L	ND		
Hydroxide (OH)	mg/L	ND		
Anions				
Dissolved Sulphate (SO ₄)	mg/L	1.7	500	AO
Dissolved Chloride (Cl)	mg/L	12	250	AO
MISCELLANEOUS				
True Color	Col. Units	18	15	AO
Nutrients				
Nitrate + Nitrite (N)	mg/L	ND		
Physical Properties				
Conductivity	uS/cm	120		
pH	pH units	7.87	7-10.5	OG
Physical Properties				
Total Dissolved Solids	mg/L	64	500	AO
Turbidity	NTU	0.14	5	MAC
Total Metals by ICPMS				
Total Aluminum (Al)	ug/L	40.5	200	OG
Total Antimony (Sb)	ug/L	ND	6	MAC
Total Arsenic (As)	ug/L	0.25	10	MAC
Total Barium (Ba)	ug/L	4.8	1000	MAC
Total Beryllium (Be)	ug/L	ND		
Total Bismuth (Bi)	ug/L	ND		
Total Boron (B)	ug/L	ND	5000	MAC
Total Cadmium (Cd)	ug/L	0.013	5	MAC
Total Chromium (Cr)	ug/L	ND	50	MAC
Total Cobalt (Co)	ug/L	ND		
Total Copper (Cu)	ug/L	5.96	1000	AO
Total Iron (Fe)	ug/L	13.5	300	AO
Total Lead (Pb)	ug/L	ND	10	MAC
Total Manganese (Mn)	ug/L	1.9	50	AO
Total Mercury (Hg)	ug/L	ND	1	MAC

South Pender Water Potability Test Results

Date: January 17, 2018

Sample collected for South Pender Water System

PARAMETERS-continued	UNITS	SP-03	GCDWQ ³	
Total Molybdenum (Mo)	ug/L	2.4		
Total Nickel (Ni)	ug/L	ND		
Total Selenium (Se)	ug/L	ND	50	MAC
Total Silicon (Si)	ug/L	5000		
Total Silver (Ag)	ug/L	ND		
Total Strontium (Sr)	ug/L	23.8		
Total Thallium (Tl)	ug/L	ND		
Total Tin (Sn)	ug/L	ND		
Total Titanium (Ti)	ug/L	ND		
Total Uranium (U)	ug/L	ND	20	MAC
Total Vanadium (V)	ug/L	ND		
Total Zinc (Zn)	ug/L	ND	5000	AO
Total Zirconium (Zr)	ug/L	ND		
Total Calcium (Ca)	mg/L	4.33		
Total Magnesium (Mg)	mg/L	0.549		
Total Potassium (K)	mg/L	0.532		
Total Sodium (Na)	mg/L	18.7	200	AO
Total Sulphur (S)	mg/L	ND		

ND = not detected

RDL = Reportable Detection Limit

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality (Where no limits are in the table above please refer to the guideline)

4 - OG/AO/MAC (Operational Guidance / Aesthetic objective / Maximum Acceptable Concentration)

North Pender Water Potability Test Results

Date:

Sample results for North Pender Water System are not available for this reporting period.

PARAMETERS	UNITS		GCDWQ ³	
Misc. Inorganics				OG/AO/MAC ⁴
Fluoride (F)	mg/L		1.5	MAC
Anions				
Nitrite (N)	mg/L		1	MAC
Calculated Parameters				
Total Hardness (CaCO ₃)	mg/L		80-100	OG
Nitrate (N)	mg/L		10	MAC
Misc. Inorganics				
Alkalinity (total as CaCO ₃)	mg/L			
Alkalinity (PP as CaCO ₃)	mg/L			
Bicarbonate (HCO ₃)	mg/L			
Carbonate (CO ₃)	mg/L			
Hydroxide (OH)	mg/L			
Anions				
Dissolved Sulphate (SO ₄)	mg/L		500	AO
Dissolved Chloride (Cl)	mg/L		250	AO
MISCELLANEOUS				
True Color	Col. Units		15	AO
Nutrients				
Nitrate + Nitrite (N)	mg/L			
Physical Properties				
Conductivity	uS/cm			
pH	pH units		7-10.5	OG
Physical Properties				
Total Dissolved Solids	mg/L		500	AO
Turbidity	NTU		5	MAC
Total Metals by ICPMS				
Total Aluminum (Al)	ug/L		200	OG
Total Antimony (Sb)	ug/L		6	MAC
Total Arsenic (As)	ug/L		10	MAC
Total Barium (Ba)	ug/L		1000	MAC
Total Beryllium (Be)	ug/L			
Total Bismuth (Bi)	ug/L			
Total Boron (B)	ug/L		5000	MAC
Total Cadmium (Cd)	ug/L		5	MAC
Total Chromium (Cr)	ug/L		50	MAC
Total Cobalt (Co)	ug/L			
Total Copper (Cu)	ug/L		1000	AO
Total Iron (Fe)	ug/L		300	AO
Total Lead (Pb)	ug/L		10	MAC
Total Manganese (Mn)	ug/L		50	AO

North Pender Water Potability Test Results

Date:

Sample results for North Pender Water System are not available for this reporting period.

PARAMETERS-continued	UNITS		GCDWQ ³	
Total Mercury (Hg)	ug/L		1	MAC
Total Silver (Ag)	ug/L			
Total Strontium (Sr)	ug/L			
Total Thallium (Tl)	ug/L			
Total Tin (Sn)	ug/L			
Total Titanium (Ti)	ug/L			
Total Uranium (U)	ug/L		20	MAC
Total Vanadium (V)	ug/L			
Total Zinc (Zn)	ug/L		5000	AO
Total Zirconium (Zr)	ug/L			
Total Calcium (Ca)	mg/L			
Total Magnesium (Mg)	mg/L			
Total Potassium (K)	mg/L			
Total Sodium (Na)	mg/L		200	AO
Total Sulphur (S)	mg/L			

ND = not detected

RDL = Reportable Detection Limit

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality (Where no limits are in the table above please refer to the guideline)

4 - OG/AO/MAC (Operational Guidance / Aesthetic objective / Maximum Acceptable Concentration)

Ruby Lake Water Potability Test Results

Date: January 17, 2018

Sample collected for Ruby Lake Water System

PARAMETERS	UNITS	RL-03	GCDWQ ³	
ANIONS				OG/AO/MAC ⁴
Nitrite (N)	mg/L	ND	1	MAC
Calculated Parameters				
Total Hardness (CaCO ₃)	mg/L	16.5		
Nitrate (N)	mg/L	ND	10	MAC
Misc. Inorganics				
Fluoride (F)	mg/L	0.020	1.5	MAC
Alkalinity (Total as CaCO ₃)	mg/L	17.4		
Alkalinity (PP as CaCO ₃)	mg/L	ND		
Bicarbonate (HCO ₃)	mg/L	21.2		
Carbonate (CO ₃)	mg/L	ND		
Hydroxide (OH)	mg/L	ND		
Anions				
Dissolved Sulphate (SO ₄)	mg/L	2.0	500	AO
Dissolved Chloride (Cl)	mg/L	6.5	250	AO
MISCELLANEOUS				
True Colour	Col. Unit	ND	15	AO
Nutrients				
Nitrate plus Nitrite (N)	mg/L	ND		
Total Phosphorus (P)	mg/L	ND		
Physical Properties				
Conductivity	uS/cm	65.7		
pH	pH	7.55	7.0-10.5	OG
Physical Properties				
Total Dissolved Solids	mg/L	36	500	AO
Turbidity	NTU	0.52	5	MAC
Total Metals by ICPMS				
Total Aluminum (Al)	ug/L	9.2	100	OG
Total Antimony (Sb)	ug/L	ND	6	MAC
Total Arsenic (As)	ug/L	0.36	10	MAC
Total Barium (Ba)	ug/L	3.3	1000	MAC
Total Beryllium (Be)	ug/L	ND		
Total Bismuth (Bi)	ug/L	ND		
Total Boron (B)	ug/L	ND	5000	MAC
Total Cadmium (Cd)	ug/L	ND	5	MAC
Total Chromium (Cr)	ug/L	ND	50	MAC
Total Cobalt (Co)	ug/L	ND		
Total Copper (Cu)	ug/L	1.33	1000	AO
Total Iron (Fe)	ug/L	106	300	AO
Total Lead (Pb)	ug/L	ND	10	MAC
Total Manganese (Mn)	ug/L	2.1	50	AO
Total Molybdenum (Mo)	ug/L	ND		

Ruby Lake Water Potability Test Results

Date: January 17, 2018

Sample collected for Ruby Lake Water System

PARAMETERS-continued	UNITS	RL-03	GCDWQ ³	
Total Strontium (Sr)	ug/L	15.6		
Total Thallium (Tl)	ug/L	ND		
Total Tin (Sn)	ug/L	ND		
Total Titanium (Ti)	ug/L	ND		
Total Uranium (U)	ug/L	ND	20	MAC
Total Vanadium (V)	ug/L	ND		
Total Zinc (Zn)	ug/L	10.7	5000	AO
Total Zirconium (Zr)	ug/L	ND		
Total Calcium (Ca)	mg/L	5.52		
Total Magnesium (Mg)	mg/L	0.667		
Total Potassium (K)	mg/L	0.272		
Total Sodium (Na)	mg/L	5.50	200	AO
Total Sulphur (S)	mg/L	ND		
Total Mercury (Hg)	ug/L	ND	1	MAC

ND = not detected

RDL = Reportable Detection Limit

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality (Where no limits are in the table above please refer to the guideline)

4 - OG/AO/MAC (Operational Guidance / Aesthetic objective / Maximum Acceptable Concentration)

Egmont Water Potability Test Results

Date: January 17, 2018

Sample collected for Egmont Water System

PARAMETERS	UNITS	EG-02	GCDWQ ³	
ANIONS				OG/AO/MAC ⁴
Nitrite (N)	mg/L	ND	1	MAC
Calculated Parameters				
Total Hardness (CaCO ₃)	mg/L	10.5		
Nitrate (N)	mg/L	0.066	10	MAC
Misc. Inorganics				
Fluoride (F)	mg/L	ND	1.5	MAC
Alkalinity (Total as CaCO ₃)	mg/L	11.0		
Alkalinity (PP as CaCO ₃)	mg/L	ND		
Bicarbonate (HCO ₃)	mg/L	13.5		
Carbonate (CO ₃)	mg/L	ND		
Hydroxide (OH)	mg/L	ND		
Anions				
Dissolved Sulphate (SO ₄)	mg/L	ND	500	AO
Dissolved Chloride (Cl)	mg/L	4.9	250	AO
MISCELLANEOUS				
True Colour	Col. Unit	ND	15	AO
Nutrients				
Nitrate plus Nitrite (N)	mg/L	0.066		
Total Phosphorus (P)	mg/L	ND		
Physical Properties				
Conductivity	uS/cm	44.7		
pH	pH	7.32	7.0-10.5	OG
Physical Properties				
Total Dissolved Solids	mg/L	32	500	AO
Turbidity	NTU	0.43	5	MAC
Total Metals by ICPMS				
Total Aluminum (Al)	ug/L	25.5	100	OG
Total Antimony (Sb)	ug/L	ND	6	MAC
Total Arsenic (As)	ug/L	0.31	10	MAC
Total Barium (Ba)	ug/L	3.0	1000	MAC
Total Beryllium (Be)	ug/L	ND		
Total Bismuth (Bi)	ug/L	ND		
Total Boron (B)	ug/L	ND	5000	MAC
Total Cadmium (Cd)	ug/L	ND	5	MAC
Total Chromium (Cr)	ug/L	ND	50	MAC
Total Cobalt (Co)	ug/L	ND		
Total Copper (Cu)	ug/L	7.66	1000	AO
Total Iron (Fe)	ug/L	80.4	300	AO
Total Lead (Pb)	ug/L	ND	10	MAC
Total Manganese (Mn)	ug/L	8.3	50	AO
Total Molybdenum (Mo)	ug/L	ND		

Egmont Water Potability Test Results

Date: January 17, 2018

Sample collected for Egmont Water System

PARAMETERS-continued	UNITS	EG-02	GCDWQ ³	
Total Strontium (Sr)	ug/L	12.0		
Total Thallium (Tl)	ug/L	ND		
Total Tin (Sn)	ug/L	ND		
Total Titanium (Ti)	ug/L	ND		
Total Uranium (U)	ug/L	ND	20	MAC
Total Vanadium (V)	ug/L	ND		
Total Zinc (Zn)	ug/L	17.0	5000	AO
Total Zirconium (Zr)	ug/L	ND		
Total Calcium (Ca)	mg/L	3.51		
Total Magnesium (Mg)	mg/L	0.414		
Total Potassium (K)	mg/L	0.133		
Total Sodium (Na)	mg/L	4.30	200	AO
Total Sulphur (S)	mg/L	ND		
Total Mercury (Hg)	ug/L	ND	1	MAC

ND = not detected

RDL = Reportable Detection Limit

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality (Where no limits are in the table above please refer to the guideline)

4 - OG/AO/MAC (Operational Guidance / Aesthetic objective / Maximum Acceptable Concentration)

Eastbourne Water Potability Test Results

Date: February 15, 2018

Sample collected for Eastbourne Water System

PARAMETERS	UNITS	20.3	GCDWQ ³	
Anions				OG/AO/MAC ⁴
Nitrite (N)	mg/L	ND	1	MAC
Calculated Parameters				
Nitrate (N)	mg/L	0.664	10	MAC
Demand Parameters				
Chemical Oxygen Demand	mg/L	14		
Misc. Inorganics				
Dissolved Organic Carbon	mg/L	ND		
Alkalinity (total as CaCO ₃)	mg/L	45.8		
Alkalinity (PP as CaCO ₃)	mg/L	ND		
Bicarbonate (HCO ₃)	mg/L	55.9		
Carbonate (CO ₃)	mg/L	ND		
Hydroxide (OH)	mg/L	ND		
Anions				
Dissolved Sulphate (SO ₄)	mg/L	934	500	AO
Dissolved Chloride (Cl)	mg/L	9.1	250	AO
Nutrients				
Total Kjeldahl Nitrogen	mg/L	0.022		
Total Ammonia (N)	mg/L	ND		
Nitrate + Nitrite (N)	mg/L	0.664		
Total Nitrogen (N)	mg/L	0.686		
Total Phosphorus (P)	mg/L	0.016		
Physical Properties				
Conductivity	uS/cm	139		
pH	pH units	7.6	7.0-10.5	OG
Physical Properties				
Turbidity	NTU	1.16	5	MAC
Misc. Inorganics				
Dissolved Hardness (CaCO ₃)	mg/L	17.2		
Elements				
Dissolved Mercury (Hg)	ug/L	ND		
Dissolved Metals by ICPMS				
Dissolved Aluminum (Al)	ug/L	14.9	200	OG
Dissolved Antimony (Sb)	ug/L	ND	6	MAC
Dissolved Arsenic (As)	ug/L	3.18	10	MAC
Dissolved Barium (Ba)	ug/L	11.0	1000	MAC
Dissolved Beryllium (Be)	ug/L	ND		
Dissolved Bismuth (Bi)	ug/L	ND		
Dissolved Boron (B)	ug/L	80	5000	AO
Dissolved Cadmium (Cd)	ug/L	ND	5	MAC
Dissolved Chromium (Cr)	ug/L	ND	50	MAC
Dissolved Cobalt (Co)	ug/L	ND		

Eastbourne Water Potability Test Results

Date: February 15, 2018

Sample collected for Eastbourne Water System

PARAMETERS-continued	UNITS	20.3	GCDWQ ³	
Dissolved Manganese (Mn)	ug/L	ND		
Dissolved Molybdenum (Mo)	ug/L	ND		
Dissolved Nickel (Ni)	ug/L	ND		
Dissolved Selenium (Se)	ug/L	ND	50	MAC
Dissolved Silicon (Si)	ug/L	10000		
Dissolved Silver (Ag)	ug/L	ND		
Dissolved Strontium (Sr)	ug/L	43.1		
Dissolved Thallium (Tl)	ug/L	ND		
Dissolved Tin (Sn)	ug/L	ND		
Dissolved Titanium (Ti)	ug/L	ND		
Dissolved Uranium (U)	ug/L	ND	20	MAC
Dissolved Vanadium (V)	ug/L	ND		
Dissolved Zinc (Zn)	ug/L	15.2	5000	AO
Dissolved Zirconium (Zr)	ug/L	ND		
Dissolved Calcium (Ca)	mg/L	4.12		
Dissolved Magnesium (Mg)	mg/L	1.67		
Dissolved Potassium (K)	mg/L	0.802		
Dissolved Sodium (Na)	mg/L	22.8	200	AO
Dissolved Sulphur (S)	mg/L	3.1		

ND = not detected

RDL = Reportable Detection Limit

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality (Where no limits are in the table above please refer to the guideline)

4 - OG/AO/MAC (Operational Guidance / Aesthetic objective / Maximum Acceptable Concentration)

Langdale Water Potability Test Results

Date: January 17, 2018

Sample collected in the Langdale Water System

PARAMETERS	UNITS	LA-04	GCDWQ ³	
Anions				OG/AO/MAC ⁴
Nitrite (N)	mg/L	ND	1	MAC
Calculated Parameters				
Nitrate (N)	mg/L	0.188	10	MAC
Demand Parameters				
Chemical Oxygen Demand	mg/L	36		
Misc. Inorganics				
Dissolved Organic Carbon	mg/L	ND		
Alkalinity (total as CaCO ₃)	mg/L	39.2		
Alkalinity (PP as CaCO ₃)	mg/L	ND		
Bicarbonate (HCO ₃)	mg/L	47.8		
Carbonate (CO ₃)	mg/L	ND		
Hydroxide (OH)	mg/L	ND		
Anions				
Dissolved Sulphate (SO ₄)	mg/L	10.9	500	AO
Dissolved Chloride (Cl)	mg/L	3.0	250	AO
Nutrients				
Total Kjeldahl Nitrogen	mg/L	ND		
Total Ammonia (N)	mg/L	ND		
Nitrate + Nitrite (N)	mg/L	0.188		
Total Nitrogen (N)	mg/L	0.193		
Total Phosphorus (P)	mg/L	0.0502		
Physical Properties				
Conductivity	uS/cm	110		
pH	pH units	7.82	7.0-10.5	OG
Physical Properties				
Turbidity	NTU	0.15	5	MAC
Misc. Inorganics				
Dissolved Hardness (CaCO ₃)	mg/L	36.7		
Elements				
Dissolved Mercury (Hg)	ug/L	n/a		
Dissolved Metals by ICPMS				
Dissolved Aluminum (Al)	ug/L	ND	200	OG
Dissolved Antimony (Sb)	ug/L	ND	6	MAC
Dissolved Arsenic (As)	ug/L	3.09	10	MAC
Dissolved Barium (Ba)	ug/L	2.2	1000	MAC
Dissolved Beryllium (Be)	ug/L	ND		
Dissolved Bismuth (Bi)	ug/L	ND		
Dissolved Boron (B)	ug/L	ND	5000	AO
Dissolved Cadmium (Cd)	ug/L	ND	5	MAC
Dissolved Chromium (Cr)	ug/L	ND	50	MAC
Dissolved Cobalt (Co)	ug/L	ND		

Langdale Water Potability Test Results

Date: January 17, 2018

Sample collected in the Langdale Water System

PARAMETERS-continued	UNITS	LA-04	GCDWQ ³	
Dissolved Manganese (Mn)	ug/L	ND		
Dissolved Molybdenum (Mo)	ug/L	2.7		
Dissolved Nickel (Ni)	ug/L	ND		
Dissolved Selenium (Se)	ug/L	0.43	50	MAC
Dissolved Silicon (Si)	ug/L	17500		
Dissolved Silver (Ag)	ug/L	ND		
Dissolved Strontium (Sr)	ug/L	29.6		
Dissolved Thallium (Tl)	ug/L	ND		
Dissolved Tin (Sn)	ug/L	ND		
Dissolved Titanium (Ti)	ug/L	ND		
Dissolved Uranium (U)	ug/L	ND	20	MAC
Dissolved Vanadium (V)	ug/L	ND		
Dissolved Zinc (Zn)	ug/L	7.2	5000	AO
Dissolved Zirconium (Zr)	ug/L	ND		
Dissolved Calcium (Ca)	mg/L	7.20		
Dissolved Magnesium (Mg)	mg/L	4.55		
Dissolved Potassium (K)	mg/L	2.19		
Dissolved Sodium (Na)	mg/L	6.15	200	AO
Dissolved Sulphur (S)	mg/L	4.2		

ND = not detected

RDL = Reportable Detection Limit

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality (Where no limits are in the table above please refer to the guideline)

4 - OG/AO/MAC (Operational Guidance / Aesthetic objective / Maximum Acceptable Concentration)

Soames Water Potability Test Results

Date: January 17, 2018

Sample collected in Soames Water System

PARAMETERS	UNITS	SO-03	GCDWQ ³	
Anions				OG/AO/MAC ⁴
Nitrite (N)	mg/L	ND	1	MAC
Calculated Parameters				
Nitrate (N)	mg/L	0.645	10	MAC
Demand Parameters				
Chemical Oxygen Demand	mg/L	ND		
Misc. Inorganics				
Dissolved Organic Carbon	mg/L	ND		
Alkalinity (total as CaCO ₃)	mg/L	45.0		
Alkalinity (PP as CaCO ₃)	mg/L	ND		
Bicarbonate (HCO ₃)	mg/L	54.9		
Carbonate (CO ₃)	mg/L	ND		
Hydroxide (OH)	mg/L	ND		
Anions				
Dissolved Sulphate (SO ₄)	mg/L	8.1	500	AO
Dissolved Chloride (Cl)	mg/L	5.1	250	AO
Nutrients				
Total Kjeldahl Nitrogen	mg/L	0.166		
Total Ammonia (N)	mg/L	ND		
Nitrate + Nitrite (N)	mg/L	0.645		
Total Nitrogen (N)	mg/L	0.811		
Total Phosphorus (P)	mg/L	0.0705		
Physical Properties				
Conductivity	uS/cm	129		
pH	pH units	7.87	7.0-10.5	OG
Physical Properties				
Turbidity	NTU	0.17	5	MAC
Misc. Inorganics				
Dissolved Hardness (CaCO ₃)	mg/L	44.9		
Elements				
Dissolved Mercury (Hg)	ug/L	n/a		
Dissolved Metals by ICPMS				
Dissolved Aluminum (Al)	ug/L	ND	200	OG
Dissolved Antimony (Sb)	ug/L	ND	6	MAC
Dissolved Arsenic (As)	ug/L	2.42	10	MAC
Dissolved Barium (Ba)	ug/L	4.3	1000	MAC
Dissolved Beryllium (Be)	ug/L	ND		
Dissolved Bismuth (Bi)	ug/L	ND		
Dissolved Boron (B)	ug/L	ND	5000	AO
Dissolved Cadmium (Cd)	ug/L	ND	5	MAC
Dissolved Chromium (Cr)	ug/L	ND	50	MAC
Dissolved Cobalt (Co)	ug/L	ND		

Soames Water Potability Test Results

Date: January 17, 2018

Sample collected in Soames Water System

PARAMETERS-continued	UNITS	SO-03	GCDWQ ³	
Dissolved Manganese (Mn)	ug/L	ND		
Dissolved Molybdenum (Mo)	ug/L	1.4		
Dissolved Nickel (Ni)	ug/L	ND		
Dissolved Selenium (Se)	ug/L	0.43	50	MAC
Dissolved Silicon (Si)	ug/L	20000		
Dissolved Silver (Ag)	ug/L	ND		
Dissolved Strontium (Sr)	ug/L	31.2		
Dissolved Thallium (Tl)	ug/L	ND		
Dissolved Tin (Sn)	ug/L	ND		
Dissolved Titanium (Ti)	ug/L	ND		
Dissolved Uranium (U)	ug/L	0.17	20	MAC
Dissolved Vanadium (V)	ug/L	8.0		
Dissolved Zinc (Zn)	ug/L	ND	5000	AO
Dissolved Zirconium (Zr)	ug/L	ND		
Dissolved Calcium (Ca)	mg/L	9.05		
Dissolved Magnesium (Mg)	mg/L	5.42		
Dissolved Potassium (K)	mg/L	2.67		
Dissolved Sodium (Na)	mg/L	6.52	200	AO
Dissolved Sulphur (S)	mg/L	ND		

ND = not detected

RDL = Reportable Detection Limit

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality (Where no limits are in the table above please refer to the guideline)

4 - OG/AO/MAC (Operational Guidance / Aesthetic objective / Maximum Acceptable Concentration)

Grantham's Landing Water Potability Test Results

Date: January 17, 2018

Sample collected in the Grantham's Landing Water System

PARAMETERS	UNITS	GL-02	GCDWQ ³	
Anions				OG/AO/MAC ⁴
Nitrite (N)	mg/L	ND	1	MAC
Calculated Parameters				
Nitrate (N)	mg/L	0.476	10	MAC
Demand Parameters				
Chemical Oxygen Demand	mg/L	ND		
Misc. Inorganics				
Dissolved Organic Carbon	mg/L	ND		
Alkalinity (total as CaCO ₃)	mg/L	41.0		
Alkalinity (PP as CaCO ₃)	mg/L	ND		
Bicarbonate (HCO ₃)	mg/L	50.1		
Carbonate (CO ₃)	mg/L	ND		
Hydroxide (OH)	mg/L	ND		
Anions				
Dissolved Sulphate (SO ₄)	mg/L	8.8	500	AO
Dissolved Chloride (Cl)	mg/L	4.1	250	AO
Nutrients				
Total Kjeldahl Nitrogen	mg/L	ND		
Total Ammonia (N)	mg/L	ND		
Nitrate + Nitrite (N)	mg/L	0.476		
Total Nitrogen (N)	mg/L	0.490		
Total Phosphorus (P)	mg/L	0.0764		
Physical Properties				
Conductivity	uS/cm	113		
pH	pH units	7.82	7.0-10.5	OG
Physical Properties				
Turbidity	NTU	0.14	5	MAC
Misc. Inorganics				
Dissolved Hardness (CaCO ₃)	mg/L	39.3		
Elements				
Dissolved Mercury (Hg)	ug/L	n/a		
Dissolved Metals by ICPMS				
Dissolved Aluminum (Al)	ug/L	ND	200	OG
Dissolved Antimony (Sb)	ug/L	ND	6	MAC
Dissolved Arsenic (As)	ug/L	1.95	10	MAC
Dissolved Barium (Ba)	ug/L	2.8	1000	MAC
Dissolved Beryllium (Be)	ug/L	ND		
Dissolved Bismuth (Bi)	ug/L	ND		
Dissolved Boron (B)	ug/L	ND	5000	AO
Dissolved Cadmium (Cd)	ug/L	ND	5	MAC
Dissolved Chromium (Cr)	ug/L	ND	50	MAC
Dissolved Cobalt (Co)	ug/L	ND		

Grantham's Landing Water Potability Test Results

Date: January 17, 2018

Sample collected in the Grantham's Landing Water System

PARAMETERS-continued	UNITS	GL-02	GCDWQ ³	
Dissolved Manganese (Mn)	ug/L	ND		
Dissolved Molybdenum (Mo)	ug/L	1.2		
Dissolved Nickel (Ni)	ug/L	ND		
Dissolved Selenium (Se)	ug/L	0.43	50	MAC
Dissolved Silicon (Si)	ug/L	19000		
Dissolved Silver (Ag)	ug/L	ND		
Dissolved Strontium (Sr)	ug/L	28.0		
Dissolved Thallium (Tl)	ug/L	ND		
Dissolved Tin (Sn)	ug/L	ND		
Dissolved Titanium (Ti)	ug/L	ND		
Dissolved Uranium (U)	ug/L	0.11	20	MAC
Dissolved Vanadium (V)	ug/L	7.2		
Dissolved Zinc (Zn)	ug/L	ND	5000	AO
Dissolved Zirconium (Zr)	ug/L	ND		
Dissolved Calcium (Ca)	mg/L	8.07		
Dissolved Magnesium (Mg)	mg/L	4.65		
Dissolved Potassium (K)	mg/L	2.68		
Dissolved Sodium (Na)	mg/L	5.77	200	AO
Dissolved Sulphur (S)	mg/L	ND		

ND = not detected

RDL = Reportable Detection Limit

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality (Where no limits are in the table above please refer to the guideline)

4 - OG/AO/MAC (Operational Guidance / Aesthetic objective / Maximum Acceptable Concentration)