

North Pender Water System - Water Potability Test Results

Date: 16-Aug-23

Location: Daniel Point Reservoir (NP-07)

Parameter	Units	NP-07	GCDWQ	
Routine Water Analysis			Limit	Type
pH		6.91	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	18		
Turbidity	NTU	0.47		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	20	≤500	AO
Phosphorus	mg/L	<0.005		
Bromide	mg/L	<0.02		
Chloride	mg/L	13.8	≤250	AO
Fluoride	mg/L	0.01	1.5	MAC
Nitrate - N	mg/L	0.07	10	MAC
Nitrite - N	mg/L	<0.01	1	MAC
Sulfate	mg/L	3.0	≤500	AO
Hardness	mg CaCO3/L	19	N/A	
Calcium	mg/L	5.9	N/A	
Magnesium	mg/L	1.0	N/A	
Potassium	mg/L	0.63		
Bicarbonate	mg/L	23		
Carbonate	mg/L	<6		
Hydroxide	mg/L	<5		
Manganese	mg/L	0.010	0.12	MAC
Selenium	mg/L	<0.0002	0.05	MAC
Styrene	mg/L	<0.0005		
Sulfur	mg/L	0.99		
Metals				
Aluminum	mg/L	0.021	<0.1	OG
Antimony	mg/L	<0.00002	0.006	MAC
Arsenic	mg/L	0.0002	0.01	ALARA
Barium	mg/L	0.0039	2	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.009	5	MAC
Cadmium	mg/L	<0.00001	0.007	MAC
Chromium	mg/L	0.00013	0.05	MAC
Cobalt	mg/L	0.00004		
Copper	mg/L	0.0047	2	MAC
Iron	mg/L	0.099	≤0.3	AO
Lead	mg/L	0.00028	0.005	ALARA
Lithium	mg/L	<0.0005		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.0015		
Nickel	mg/L	<0.0002		
Silicon	mg/L	3.8		

Water Potability Test Results

Date: 16-Aug-23

Location: Daniel Point Reservoir (NP-07)

Parameter	Units	NP-07	GCDWQ	
Metals Continued				
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	11	≤200	AO
Strontium	mg/L	0.026	7	MAC
Thallium	mg/L	<0.00001		
Thorium	mg/L	<0.00005		
Tin	mg/L	<0.0001		
Titanium	mg/L	0.0002		
Uranium	mg/L	0.00002	0.02	MAC
Vanadium	mg/L	0.00008		
Zinc	mg/L	0.0086	≤5.0	AO
Zirconium	mg/L	<0.0001		
Volatile Organic Compounds				
Benzene	mg/L	<0.0005	2	MAC
Ethylbenzene	mg/L	<0.0005	0.14	MAC
Methyl t-Butyl Ether	mg/L	<0.0005	≤0.015	AO
Toluene	mg/L	<0.0005	0.06	MAC
Total Xylenes (m,p,o)	mg/L	<0.0005	0.09	MAC
4-Bromofluorobenzene	%	92.1		
Dibromofluoromethane	%	110		
Toluene-d8	%	106		

ND = Not Detected

RDL = Reportable Detection Limit

mg/L = Milligrams per Liter

GCDWQ - Guidelines for Canadian Drinking Water Quality

ALARA = As Low as Reasonably Achievable

AO = Aesthetic Objective

MAC = Maximum Acceptable Concentration

OG = Operational Guidance Value

South Pender Water System - Water Potability Test Results

Date: 16-Aug-23

Location: Edgcombe Road (SP-03)

Parameter	Units	SP-03	GCDWQ	
Routine Water Analysis			Limit	Type
pH		7.28	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	30		
Turbidity	NTU	0.12		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	42	≤500	AO
Phosphorus	mg/L	0.006		
Bromide	mg/L	<0.02		
Chloride	mg/L	9.49	≤250	AO
Fluoride	mg/L	<0.01	1.5	MAC
Nitrate - N	mg/L	0.01	10	MAC
Nitrite - N	mg/L	<0.01	1	MAC
Sulfate	mg/L	1.3	≤500	AO
Hardness	mg CaCO3/L	14	N/A	
Calcium	mg/L	4.5	N/A	
Magnesium	mg/L	0.61	N/A	
Potassium	mg/L	0.42		
Bicarbonate	mg/L	36		
Carbonate	mg/L	<6		
Hydroxide	mg/L	<5		
Manganese	mg/L	<0.001	0.12	MAC
Selenium	mg/L	<0.0002	0.05	MAC
Styrene	mg/L	<0.0005		
Sulfur	mg/L	0.47		
Metals				
Aluminum	mg/L	0.020	<0.1	OG
Antimony	mg/L	<0.00002	0.006	MAC
Arsenic	mg/L	0.0003	0.01	ALARA
Barium	mg/L	0.0057	2	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.012	5	MAC
Cadmium	mg/L	<0.00001	0.007	MAC
Chromium	mg/L	<0.00005	0.05	MAC
Cobalt	mg/L	<0.00002		
Copper	mg/L	0.0040	2	MAC
Iron	mg/L	0.008	≤0.3	AO
Lead	mg/L	0.00015	0.005	ALARA
Lithium	mg/L	<0.0005		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.0023		
Nickel	mg/L	<0.0002		
Silicon	mg/L	2.1		

South Pender Water System - Water Potability Test Results

Date: 16-Aug-23

Location: Edgcombe Road (SP-03)

Parameter	Units	SP-03	GCDWQ	
Metals Continued				
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	14	≤200	AO
Strontium	mg/L	0.024	7	MAC
Thallium	mg/L	<0.00001		
Thorium	mg/L	<0.00005		
Tin	mg/L	<0.0001		
Titanium	mg/L	0.0003		
Uranium	mg/L	<0.00001	0.02	MAC
Vanadium	mg/L	0.00006		
Zinc	mg/L	0.0015	≤5.0	AO
Zirconium	mg/L	<0.0001		
Volatile Organic Compounds				
Benzene	mg/L	<0.0005	2	MAC
Ethylbenzene	mg/L	<0.0005	0.14	MAC
Methyl t-Butyl Ether	mg/L	<0.0005	≤0.015	AO
Toluene	mg/L	<0.0005	0.06	MAC
Total Xylenes (m,p,o)	mg/L	<0.0005	0.09	MAC
4-Bromofluorobenzene	%	83.0		
Dibromofluoromethane	%	113		
Toluene-d8	%	113		

ND = Not Detected

RDL = Reportable Detection Limit

mg/L = Milligrams per Liter

GCDWQ - Guidelines for Canadian Drinking Water Quality

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OG = Operational Guidance Value

Egmont Water System - Water Potability Test Results

Date: 10-Aug-23

Location: Egmont Hall (EG-02)

Parameter	Units	EG-02	GCDWQ	
Routine Water Analysis			Limit	Type
pH		7.02	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	12		
Turbidity	NTU	0.17		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	22	≤500	AO
Phosphorus	mg/L	0.005		
Bromide	mg/L	<0.02		
Chloride	mg/L	8.46	≤250	AO
Fluoride	mg/L	0.01	1.5	MAC
Nitrate - N	mg/L	0.03	10	MAC
Nitrite - N	mg/L	<0.01	1	MAC
Sulfate	mg/L	1.5	≤500	AO
Hardness	mg CaCO3/L	14	N/A	
Calcium	mg/L	4.8	N/A	
Magnesium	mg/L	0.38	N/A	
Potassium	mg/L	0.17		
Bicarbonate	mg/L	15		
Carbonate	mg/L	<6		
Hydroxide	mg/L	<5		
Manganese	mg/L	<0.001	0.12	MAC
Selenium	mg/L	<0.0002	0.05	MAC
Styrene	mg/L	<0.0005		
Sulfur	mg/L	0.56		
Metals				
Aluminum	mg/L	0.028	<0.1	OG
Antimony	mg/L	0.00005	0.006	MAC
Arsenic	mg/L	0.0003	0.01	ALARA
Barium	mg/L	0.11	2	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.004	5	MAC
Cadmium	mg/L	<0.00001	0.007	MAC
Chromium	mg/L	0.00017	0.05	MAC
Cobalt	mg/L	0.00002		
Copper	mg/L	0.0087	2	MAC
Iron	mg/L	0.046	≤0.3	AO
Lead	mg/L	0.00023	0.005	ALARA
Lithium	mg/L	<0.0005		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.00053		
Nickel	mg/L	<0.0002		
Silicon	mg/L	1.9		

Egmont Water System - Water Potability Test Results

Date: 10-Aug-23

Location: Egmont Hall (EG-02)

Parameter	Units	EG-02	GCDWQ	
Metals Continued				
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	6.8	≤200	AO
Strontium	mg/L	0.018	7	MAC
Thallium	mg/L	<0.00001		
Thorium	mg/L	<0.00005		
Tin	mg/L	0.0001		
Titanium	mg/L	0.0003		
Uranium	mg/L	0.00002	0.02	MAC
Vanadium	mg/L	0.00041		
Zinc	mg/L	0.24	≤5.0	AO
Zirconium	mg/L	<0.0001		
Volatile Organic Compounds				
Benzene	mg/L	<0.0005	2	MAC
Ethylbenzene	mg/L	<0.0005	0.14	MAC
Methyl t-Butyl Ether	mg/L	<0.0005	≤0.015	AO
Toluene	mg/L	<0.0005	0.06	MAC
Total Xylenes (m,p,o)	mg/L	<0.0005	0.09	MAC
4-Bromofluorobenzene	%	103		
Dibromofluoromethane	%	110		
Toluene-d8	%	117		

ND = Not Detected

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mg/L = Milligrams per Liter

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Cove Cay Water System - Water Potability Test Results

Date: 10-Aug-23

Location: Jervis Inlet Road (RL-03)

Parameter	Units	RL-03	GCDWQ	
Routine Water Analysis			Limit	Type
pH		7.13	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	14		
Turbidity	NTU	0.36		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	<5	≤500	AO
Phosphorus	mg/L	0.013		
Bromide	mg/L	<0.02		
Chloride	mg/L	7.25	≤250	AO
Fluoride	mg/L	0.02	1.5	MAC
Nitrate - N	mg/L	0.02	10	MAC
Nitrite - N	mg/L	<0.01	1	MAC
Sulfate	mg/L	2.3	≤500	AO
Hardness	mg CaCO ₃ /L	18	N/A	
Calcium	mg/L	5.9	N/A	
Magnesium	mg/L	0.72	N/A	
Potassium	mg/L	0.3		
Bicarbonate	mg/L	18		
Carbonate	mg/L	<6		
Hydroxide	mg/L	<5		
Manganese	mg/L	0.002	0.12	MAC
Selenium	mg/L	<0.0002	0.05	MAC
Styrene	mg/L	<0.0005		
Sulfur	mg/L	0.88		
Metals				
Aluminum	mg/L	0.009	<0.1	OG
Antimony	mg/L	0.00008	0.006	MAC
Arsenic	mg/L	0.0005	0.01	ALARA
Barium	mg/L	0.094	2	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.011	5	MAC
Cadmium	mg/L	<0.00001	0.007	MAC
Chromium	mg/L	0.0001	0.05	MAC
Cobalt	mg/L	0.00003		
Copper	mg/L	0.0037	2	MAC
Iron	mg/L	0.13	≤0.3	AO
Lead	mg/L	0.0001	0.005	ALARA
Lithium	mg/L	<0.0005		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.00055		
Nickel	mg/L	0.0003		
Silicon	mg/L	1.5		

Cove Cay Water System - Water Potability Test Results

Date: 10-Aug-23

Location: Jervis Inlet Road (RL-03)

Parameter	Units	RL-03	GCDWQ	
Metals Continued				
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	6.3	≤200	AO
Strontium	mg/L	0.018	7	MAC
Thallium	mg/L	<0.00001		
Thorium	mg/L	<0.00005		
Tin	mg/L	<0.0001		
Titanium	mg/L	0.0003		
Uranium	mg/L	0.00002	0.02	MAC
Vanadium	mg/L	0.00008		
Zinc	mg/L	0.27	≤5.0	AO
Zirconium	mg/L	<0.0001		
Volatile Organic Compounds				
Benzene	mg/L	<0.0005	2	MAC
Ethylbenzene	mg/L	<0.0005	0.14	MAC
Methyl t-Butyl Ether	mg/L	<0.0005	≤0.015	AO
Toluene	mg/L	<0.0005	0.06	MAC
Total Xylenes (m,p,o)	mg/L	0.0006	0.09	MAC
4-Bromofluorobenzene	%	81.9		
Dibromofluoromethane	%	110		
Toluene-d8	%	123		

ND = Not Detected

RDL = Reportable Detection Limit

mg/L = Milligrams per Liter

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Chapman Water Treatment Plant - Water Potability Test Results

Date: 14-Aug-23

Location: Chamberlain Road (CH-26)

Parameter	Units	CH-26	GCDWQ	
Routine Water Analysis			Limit	Type
pH		7.56	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	22		
Turbidity	NTU	0.15		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L		≤500	AO
Phosphorus	mg/L	0.013		
Bromide	mg/L	<0.02		
Chloride	mg/L	5.65	≤250	AO
Fluoride	mg/L	0.02	1.5	MAC
Nitrate - N	mg/L	0.12	10	MAC
Nitrite - N	mg/L	<0.01	1	MAC
Sulfate	mg/L	2.9	≤500	AO
Hardness	mg CaCO3/L	17	N/A	
Calcium	mg/L	5.1	N/A	
Magnesium	mg/L	0.94	N/A	
Potassium	mg/L	0.73		
Bicarbonate	mg/L	26		
Carbonate	mg/L	<6		
Hydroxide	mg/L	<5		
Manganese	mg/L	<0.001	0.12	MAC
Selenium	mg/L	<0.0002	0.05	MAC
Styrene	mg/L	<0.0005		
Sulfur	mg/L	0.97		
Metals				
Aluminum	mg/L	0.031	<0.1	OG
Antimony	mg/L	0.00002	0.006	MAC
Arsenic	mg/L	0.0003	0.01	ALARA
Barium	mg/L	0.0032	2	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.004	5	MAC
Cadmium	mg/L	<0.00001	0.007	MAC
Chromium	mg/L	0.00011	0.05	MAC
Cobalt	mg/L	<0.00002		
Copper	mg/L	0.0042	2	MAC
Iron	mg/L	0.025	≤0.3	AO
Lead	mg/L	0.00008	0.005	ALARA
Lithium	mg/L	<0.0005		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.00043		
Nickel	mg/L	<0.0002		
Silicon	mg/L	4.9		

Chapman Water Treatment Plant - Water Potability Test Results

Date: 14-Aug-23

Location: Chamberlain Road (CH-26)

Parameter	Units	CH-26	GCDWQ	
Metals Continued				
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	6.9	≤200	AO
Strontium	mg/L	0.017	7	MAC
Thallium	mg/L	<0.00001		
Thorium	mg/L	<0.00005		
Tin	mg/L	<0.0001		
Titanium	mg/L	<0.0001		
Uranium	mg/L	0.00003	0.02	MAC
Vanadium	mg/L	0.0021		
Zinc	mg/L	0.0019	≤5.0	AO
Zirconium	mg/L	<0.0001		
Volatile Organic Compounds				
Benzene	mg/L	<0.0005	2	MAC
Ethylbenzene	mg/L	<0.0005	0.14	MAC
Methyl t-Butyl Ether	mg/L	<0.0005	≤0.015	AO
Toluene	mg/L	<0.0005	0.06	MAC
Total Xylenes (m,p,o)	mg/L	<0.0005	0.09	MAC
4-Bromofluorobenzene	%	106		
Dibromofluoromethane	%	116		
Toluene-d8	%	114		

ND = Not Detected

RDL = Reportable Detection Limit

mg/L = Milligrams per Liter

GCDWQ - Guidelines for Canadian Drinking Water Quality

ALARA = As Low as Reasonably Achievable

AO = Aesthetic Objective

MAC = Maximum Acceptable Concentration

OG = Operational Guidance Value

Langdale Water System - Water Potability Test Results

Date: 10-Aug-23

Location: Maple Park (LA-04)

Parameter	Units	LA-04	GCDWQ	
Routine Water Analysis			Limit	Type
Phosphorus - Total	mg/L	0.041		
Turbidity	NTU	0.33		
pH		7.36	7.0-10.5	OG
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	40		
Kjeldahl Nitrogen	mg/L	0.08		
Organic Carbon	mg/L	<0.5		
Ammonia - N	mg/L	<0.025	N/A	
Chloride	mg/L	4.03	≤250	AO
Nitrate - N	mg/L	0.29	10	MAC
Nitrite - N	mg/L	<0.01	1.0	MAC
Sulfate	mg/L	12.1	≤500	AO
Hardness	mg CaCO3/L	40	N/A	
Salinity	mg/L	0.018		
Calcium	mg/L	8.4	N/A	
Magnesium	mg/L	4.6	N/A	
Bicarbonate	mg/L	48		
Carbonate	mg/L	<6		
Potassium	mg/L	2.4		
Hydroxide	mg/L	<5		
Chemical Oxygen Demand	mg/L	<5		
Manganese	mg/L	0.003	0.12	MAC
Selenium	mg/L	0.0003	0.05	MAC
Styrene	mg/L	<0.0005		
Sulfur	mg/L	3.8		
Metals				
Aluminum	mg/L	<0.001	<0.2	OG
Antimony	mg/L	<0.00002	0.006	MAC
Arsenic	mg/L	0.0034	0.01	ALARA
Barium	mg/L	0.0027	2.0	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.009	5.0	MAC
Cadmium	mg/L	<0.00001	0.007	MAC
Chromium	mg/L	0.00017	0.05	MAC
Cobalt	mg/L	<0.00002		
Copper	mg/L	0.044	2.0	MAC
Iron	mg/L	0.024	≤0.3	AO
Lead	mg/L	0.00031	0.005	ALARA
Lithium	mg/L	0.0014		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.0026		
Nickel	mg/L	<0.0002		

Langdale Water System - Water Potability Test Results

Date: 10-Aug-23

Location: Maple Park (LA-04)

Parameter	Units	LA-04	GCDWQ	
Metals Continued				
Silicon	mg/L	16		
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	7.3	≤200	AO
Strontium	mg/L	0.032	7.0	MAC
Thallium	mg/L	<0.00001		
Tin	mg/L	<0.0001		
Titanium	mg/L	<0.0001		
Uranium	mg/L	0.00008	0.02	MAC
Vanadium	mg/L	0.0039		
Zinc	mg/L	0.016	≤5.0	MAC
Zirconium	mg/L	<0.0001		
Volatile Organic Compounds				
Benzene	mg/L	<0.0005	0.005	MAC
Ethylbenzene	mg/L	<0.0005	0.14	MAC
Methyl t-Butyl Ether	mg/L	<0.0005	≤0.015	AO
Toluene	mg/L	<0.0005	0.06	MAC
Total Xylenes (m,p,o)	mg/L	<0.0005	0.09	MAC
4-Bromofluorobenzene	%	97.1		
Dibromofluoromethane	%	118		
Toluene-d8	%	110		
VPHw (VHw6-10 minus BTEX)	mg/L	<0.05		
VHw6-10	mg/L	<0.05		

ND = Not Detected

RDL = Reportable Detection Limit

mg/L = Milligrams per Liter

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Soames Water System - Water Potability Test Results

Date: 10-Aug-23

Location: Marine Drive (SO-03)

Parameter	Units	SO-03	GCDWQ	
Routine Water Analysis			Limit	Type
Phosphorus - Total	mg/L	0.064		
Turbidity	NTU	0.12		
pH		7.48	7.0-10.5	OG
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	48		
Kjeldahl Nitrogen	mg/L	<0.07		
Organic Carbon	mg/L	<0.5		
Ammonia - N	mg/L	<0.025	N/A	
Chloride	mg/L	7.15	≤250	AO
Nitrate - N	mg/L	0.71	10	MAC
Nitrite - N	mg/L	<0.01	1.0	MAC
Sulfate	mg/L	9.2	≤500	AO
Hardness	mg CaCO ₃ /L	50	N/A	
Salinity	mg/L	0.019		
Calcium	mg/L	10	N/A	
Magnesium	mg/L	6	N/A	
Bicarbonate	mg/L	58		
Carbonate	mg/L	<6		
Potassium	mg/L	3		
Hydroxide	mg/L	<5		
Chemical Oxygen Demand	mg/L	<5		
Manganese	mg/L	<0.001	0.12	MAC
Selenium	mg/L	0.0004	0.05	MAC
Styrene	mg/L	<0.0005		
Sulfur	mg/L	2.9		
Metals				
Aluminum	mg/L	<0.001	<0.2	OG
Antimony	mg/L	0.00006	0.006	MAC
Arsenic	mg/L	0.0024	0.01	ALARA
Barium	mg/L	0.0045	2.0	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.006	5.0	MAC
Cadmium	mg/L	<0.00001	0.007	MAC
Chromium	mg/L	0.00041	0.05	MAC
Cobalt	mg/L	<0.00002		
Copper	mg/L	0.0095	2.0	MAC
Iron	mg/L	0.003	≤0.3	AO
Lead	mg/L	0.00011	0.005	ALARA
Lithium	mg/L	0.001		
Mercury	mg/L	<0.00001	0.001	MAC

Soames Water System - Water Potability Test Results

Date: 10-Aug-23

Location: Marine Drive (SO-03)

Parameter	Units	SO-03	GCDWQ	
Metals Continued				
Molybdenum	mg/L	0.0014		
Nickel	mg/L	<0.0002		
Silicon	mg/L	19		
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	7.4	≤200	AO
Strontium	mg/L	0.031	7.0	MAC
Thallium	mg/L	<0.00001		
Tin	mg/L	<0.0001		
Titanium	mg/L	<0.0001		
Uranium	mg/L	0.00019	0.02	MAC
Vanadium	mg/L	0.0087		
Zinc	mg/L	0.0038	≤5.0	MAC
Zirconium	mg/L	<0.0001		
Volatile Organic Compounds				
Benzene	mg/L	<0.0005	0.005	MAC
Ethylbenzene	mg/L	<0.0005	0.14	MAC
Methyl t-Butyl Ether	mg/L	<0.0005	≤0.015	AO
Toluene	mg/L	<0.0005	0.06	MAC
Total Xylenes (m,p,o)	mg/L	<0.0005	0.09	MAC
4-Bromofluorobenzene	%	90.3		
Dibromofluoromethane	%	122		
Toluene-d8	%	119		
VPHw (VHw6-10 minus BTEX)	mg/L	<0.05		
VHw6-10	mg/L	<0.05		

ND = Not Detected

RDL = Reportable Detection Limit

mg/L = Milligrams per Liter

GCDWQ - Guidelines for Canadian Drinking Water Quality

ALARA = As Low as Reasonably Achievable

AO = Aesthetic Objective

Eastbourne Water System - Water Potability Test Results

Date: 29-August-23

Location: West End (20.3)

Parameter	Units	20.3	GCDWQ	
Routine Water Analysis			Limit	Type
Phosphorus - Total	mg/L	0.016		
Turbidity	NTU	0.18		
pH		7.04	7.0-10.5	OG
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	43		
Kjeldahl Nitrogen	mg/L	<0.07		
Organic Carbon	mg/L	<0.5		
Ammonia - N	mg/L	<0.025	N/A	
Chloride	mg/L	8.74	≤250	AO
Nitrate - N	mg/L	0.75	10	MAC
Nitrite - N	mg/L	<0.01	1.0	MAC
Sulfate	mg/L	8.5	≤500	AO
Hardness	mg CaCO3/L	18	N/A	
Salinity	mg/L	0.054		
Calcium	mg/L	5.0	N/A	
Magnesium	mg/L	1.4	N/A	
Bicarbonate	mg/L	52		
Carbonate	mg/L	<6		
Potassium	mg/L	0.74		
Hydroxide	mg/L	<5		
Chemical Oxygen Demand	mg/L	<10		
Manganese	mg/L	0.001	0.12	MAC
Selenium	mg/L	<0.0002	0.05	MAC
Styrene	mg/L			
Sulfur	mg/L	2.6		
Metals				
Aluminum	mg/L	0.024	<0.2	OG
Antimony	mg/L	0.00008	0.006	MAC
Arsenic	mg/L	0.0011	0.01	ALARA
Barium	mg/L	0.012	2.0	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.11	5.0	MAC
Cadmium	mg/L	<0.00001	0.007	MAC
Chromium	mg/L	<0.00005	0.05	MAC
Cobalt	mg/L	0.00005		
Copper	mg/L	0.060	2.0	MAC
Iron	mg/L	0.029	≤0.3	AO
Lead	mg/L	0.0016	0.005	ALARA
Lithium	mg/L	0.0013		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.00038		
Nickel	mg/L	0.0007		

Eastbourne Water System - Water Potability Test Results

Date: 29-August-23

Location: West End (20.3)

Parameter	Units	20.3	GCDWQ	
Metals Continued				
Silicon	mg/L	10		
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	21	≤200	AO
Strontium	mg/L	0.050	7.0	MAC
Thallium	mg/L	<0.00001		
Tin	mg/L	0.0001		
Titanium	mg/L	<0.0001		
Uranium	mg/L	<0.00001	0.02	MAC
Vanadium	mg/L	<0.00005		
Zinc	mg/L	0.032	≤5.0	MAC
Zirconium	mg/L	<0.0001		
Volatile Organic Compounds				
Benzene	mg/L	<0.0005	0.005	MAC
Ethylbenzene	mg/L	<0.0005	0.14	MAC
Methyl t-Butyl Ether	mg/L	<0.0005	≤0.015	AO
Toluene	mg/L	<0.0005	0.06	MAC
Total Xylenes (m,p,o)	mg/L	<0.0005	0.09	MAC
4-Bromofluorobenzene	%	97.1		
Dibromofluoromethane	%	103		
Toluene-d8	%	111		
VPHw (VHw6-10 minus BTEX)	mg/L			
VHw6-10	mg/L			

ND = Not Detected

RDL = Reportable Detection Limit

mg/L = Milligrams per Liter

GCDWQ - Guidelines for Canadian Drinking Water Quality

ALARA = As Low as Reasonably Achievable

AO = Aesthetic Objective

MAC = Maximum Acceptable Concentration

OG = Operational Guidance Value