

North Pender Water System - Water Potability Test Results

Date: 12-Jan-23

Location: Daniel Point Reservoir (NP-07)

Parameter	Units	NP-07	GCDWQ	
Routine Water Analysis			Limit	Type
pH		7.06	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	18		
Turbidity	NTU	0.39		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	10	≤500	AO
Phosphorus	mg/L	<0.005		
Bromide	mg/L	<0.02		
Chloride	mg/L	10.8	≤250	AO
Fluoride	mg/L	0.03	1.5	MAC
Nitrate - N	mg/L	0.03	10	MAC
Nitrite - N	mg/L	<0.01	1	MAC
Sulfate	mg/L	2.9	≤500	AO
Hardness	mg CaCO3/L	18	N/A	
Calcium	mg/L	5.7	N/A	
Magnesium	mg/L	0.97	N/A	
Potassium	mg/L	0.58		
Bicarbonate	mg/L	22		
Carbonate	mg/L	<6		
Hydroxide	mg/L	<5		
Manganese	mg/L	0.007	0.12	MAC
Selenium	mg/L	<0.0002	0.05	MAC
Styrene	mg/L	<0.0005		
Sulfur	mg/L	1.0		
Metals				
Aluminum	mg/L	0.013	<0.1	OG
Antimony	mg/L	0.00002	0.006	MAC
Arsenic	mg/L	0.0002	0.01	ALARA
Barium	mg/L	0.0024	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	0.0001	0.05	MAC
Cobalt	mg/L	<0.00002		
Copper	mg/L	0.0027	2	MAC
Iron	mg/L	0.11	≤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	0.0015		
Nickel	mg/L	<0.0002		
Silicon	mg/L	3.0		

Water Potability Test Results

Date: 12-Jan-23

Location: Daniel Point Reservoir (NP-07)

Parameter	Units	NP-07	GCDWQ	
Metals Continued				
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	8.9	≤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	0.0002		
Uranium	mg/L	0.00002	0.02	MAC
Vanadium	mg/L	0.00016		
Zinc	mg/L	0.0046	≤5.0	AO
Zirconium	mg/L	<0.0001		
Volitile 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	%	94.4		
Dibromofluoromethane	%	121		
Toluene-d8	%	97.5		

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: 11-Jan-23

Location: Edgcombe Road (SP-03)

Parameter	Units	SP-03	GCDWQ	
Routine Water Analysis			Limit	Type
pH		7.33	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	25		
Turbidity	NTU	0.1		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	120	≤500	AO
Phosphorus	mg/L	<0.005		
Bromide	mg/L	<0.02		
Chloride	mg/L	11.6	≤250	AO
Fluoride	mg/L	0.02	1.5	MAC
Nitrate - N	mg/L	0.09	10	MAC
Nitrite - N	mg/L	<0.01	1	MAC
Sulfate	mg/L	1.6	≤500	AO
Hardness	mg CaCO3/L	8.9	N/A	
Calcium	mg/L	2.9	N/A	
Magnesium	mg/L	0.39	N/A	
Potassium	mg/L	0.52		
Bicarbonate	mg/L	31		
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	0.031	<0.1	OG
Antimony	mg/L	0.00003	0.006	MAC
Arsenic	mg/L	0.0003	0.01	ALARA
Barium	mg/L	0.0026	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	<0.00005	0.05	MAC
Cobalt	mg/L	0.00002		
Copper	mg/L	0.0016	2	MAC
Iron	mg/L	0.013	≤0.3	AO
Lead	mg/L	0.00004	0.005	ALARA
Lithium	mg/L	<0.0005		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.0017		
Nickel	mg/L	<0.0002		
Silicon	mg/L	3.6		

South Pender Water System - Water Potability Test Results

Date: 11-Jan-23

Location: Edgcombe Road (SP-03)

Parameter	Units	SP-03	GCDWQ	
Metals Continued				
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	16	≤200	AO
Strontium	mg/L	0.014	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	<0.00001	0.02	MAC
Vanadium	mg/L	0.00018		
Zinc	mg/L	0.0012	≤5.0	AO
Zirconium	mg/L	<0.0001		
Volitile 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	%	101		
Dibromofluoromethane	%	111		
Toluene-d8	%	102		

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mg/L = Milligrams per Liter

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Egmont Water System - Water Potability Test Results

Date: 11-Jan-23

Location: Egmont Hall (EG-02)

Parameter	Units	EG-02	GCDWQ	
Routine Water Analysis			Limit	Type
pH		7.11	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	13		
Turbidity	NTU	0.36		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	24	≤500	AO
Phosphorus	mg/L	<0.005		
Bromide	mg/L	<0.02		
Chloride	mg/L	6.39	≤250	AO
Fluoride	mg/L	0.02	1.5	MAC
Nitrate - N	mg/L	0.05	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	4.8	N/A	
Magnesium	mg/L	0.4	N/A	
Potassium	mg/L	0.12		
Bicarbonate	mg/L	16		
Carbonate	mg/L	<6		
Hydroxide	mg/L	<5		
Manganese	mg/L	0.003	0.12	MAC
Selenium	mg/L	<0.0002	0.05	MAC
Styrene	mg/L	<0.0005		
Sulfur	mg/L	0.49		
Metals				
Aluminum	mg/L	0.016	<0.1	OG
Antimony	mg/L	0.00003	0.006	MAC
Arsenic	mg/L	0.0004	0.01	ALARA
Barium	mg/L	0.0024	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	0.00012	0.05	MAC
Cobalt	mg/L	<0.00002		
Copper	mg/L	0.0059	2	MAC
Iron	mg/L	0.19	≤0.3	AO
Lead	mg/L	0.00016	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	2		

Egmont Water System - Water Potability Test Results

Date: 11-Jan-23

Location: Egmont Hall (EG-02)

Parameter	Units	EG-02	GCDWQ	
Metals Continued				
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	5.4	≤200	AO
Strontium	mg/L	0.015	7	MAC
Thallium	mg/L	<0.00001		
Thorium	mg/L	<0.00005		
Tin	mg/L	0.0003		
Titanium	mg/L	<0.0001		
Uranium	mg/L	0.00002	0.02	MAC
Vanadium	mg/L	0.00024		
Zinc	mg/L	0.022	≤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	%	96.9		
Dibromofluoromethane	%	109		
Toluene-d8	%	102		

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RDL = Reportable Detection Limit

mg/L = Milligrams per Liter

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Cove Cay Water System - Water Potability Test Results

Date: 11-Jan-23

Location: Jervis Inlet Road (RL-03)

Parameter	Units	RL-03	GCDWQ	
Routine Water Analysis			Limit	Type
pH		7.25	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	16		
Turbidity	NTU	0.31		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	34	≤500	AO
Phosphorus	mg/L	<0.005		
Bromide	mg/L	<0.02		
Chloride	mg/L	6.57	≤250	AO
Fluoride	mg/L	0.03	1.5	MAC
Nitrate - N	mg/L	<0.01	10	MAC
Nitrite - N	mg/L	<0.01	1	MAC
Sulfate	mg/L	2.2	≤500	AO
Hardness	mg CaCO3/L	17	N/A	
Calcium	mg/L	5.5	N/A	
Magnesium	mg/L	0.65	N/A	
Potassium	mg/L	0.23		
Bicarbonate	mg/L	20		
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	0.78		
Metals				
Aluminum	mg/L	0.007	<0.1	OG
Antimony	mg/L	0.00007	0.006	MAC
Arsenic	mg/L	0.0004	0.01	ALARA
Barium	mg/L	0.0029	2	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.01	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	0.0043	2	MAC
Iron	mg/L	0.13	≤0.3	AO
Lead	mg/L	0.00005	0.005	ALARA
Lithium	mg/L	<0.0005		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.00052		
Nickel	mg/L	<0.0002		
Silicon	mg/L	1.4		

Cove Cay Water System - Water Potability Test Results

Date: 11-Jan-23

Location: Jervis Inlet Road (RL-03)

Parameter	Units	RL-03	GCDWQ	
Metals Continued				
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	5.6	≤200	AO
Strontium	mg/L	0.015	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	0.00001	0.02	MAC
Vanadium	mg/L	0.00008		
Zinc	mg/L	0.0079	≤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	%	100		
Dibromofluoromethane	%	110		
Toluene-d8	%	101		

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Chapman Water Treatment Plant - Water Potability Test Results

Date: 12-Jan-23

Location: Chamberlain Road (CH-26)

Parameter	Units	CH-26	GCDWQ	
Routine Water Analysis			Limit	Type
pH		7.38	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	28		
Turbidity	NTU	0.61		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	74	≤500	AO
Phosphorus	mg/L	<0.005		
Bromide	mg/L	<0.02		
Chloride	mg/L	12.2	≤250	AO
Fluoride	mg/L	0.02	1.5	MAC
Nitrate - N	mg/L	0.15	10	MAC
Nitrite - N	mg/L	<0.01	1	MAC
Sulfate	mg/L	1.7	≤500	AO
Hardness	mg CaCO3/L	15	N/A	
Calcium	mg/L	4.1	N/A	
Magnesium	mg/L	1	N/A	
Potassium	mg/L	0.45		
Bicarbonate	mg/L	34		
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	0.61		
Metals				
Aluminum	mg/L	0.017	<0.1	OG
Antimony	mg/L	0.00002	0.006	MAC
Arsenic	mg/L	0.0003	0.01	ALARA
Barium	mg/L	0.0026	2	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.002	5	MAC
Cadmium	mg/L	<0.00001	0.007	MAC
Chromium	mg/L	0.0001	0.05	MAC
Cobalt	mg/L	0.00002		
Copper	mg/L	0.011	2	MAC
Iron	mg/L	0.093	≤0.3	AO
Lead	mg/L	0.0002	0.005	ALARA
Lithium	mg/L	0.0006		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.00027		
Nickel	mg/L	<0.0002		
Silicon	mg/L	4.2		

Chapman Water Treatment Plant - Water Potability Test Results

Date: 12-Jan-23

Location: Chamberlain Road (CH-26)

Parameter	Units	CH-26	GCDWQ	
Metals Continued				
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	15	≤200	AO
Strontium	mg/L	0.013	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	0.00004	0.02	MAC
Vanadium	mg/L	0.0021		
Zinc	mg/L	0.0008	≤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	%	94.6		
Dibromofluoromethane	%	121		
Toluene-d8	%	98.2		

ND = Not Detected

RDL = Reportable Detection Limit

mg/L = Milligrams per Liter

GCDWQ - Guidelines for Canadian Drinking Water Quality

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MAC = Maximum Acceptable Concentration

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Langdale Water System - Water Potability Test Results

Date: 12-Jan-23

Location: Maple Park (LA-04)

Parameter	Units	LA-04	GCDWQ	
Routine Water Analysis			Limit	Type
Phosphorus - Total	mg/L	0.031		
Turbidity	NTU	0.12		
pH		7.35	7.0-10.5	OG
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	39		
Kjeldahl Nitrogen	mg/L	<0.07		
Organic Carbon	mg/L	<0.5		
Ammonia - N	mg/L	<0.025	N/A	
Chloride	mg/L	3.57	≤250	AO
Nitrate - N	mg/L	0.23	10	MAC
Nitrite - N	mg/L	<0.01	1.0	MAC
Sulfate	mg/L	11.5	≤500	AO
Hardness	mg CaCO3/L	37	N/A	
Salinity	mg/L	0.017		
Calcium	mg/L	7.5	N/A	
Magnesium	mg/L	4.5	N/A	
Bicarbonate	mg/L	47		
Carbonate	mg/L	<6		
Potassium	mg/L	2.2		
Hydroxide	mg/L	<5		
Chemical Oxygen Demand	mg/L	<5		
Manganese	mg/L	0.004	0.12	MAC
Selenium	mg/L	0.0004	0.05	MAC
Styrene	mg/L	<0.0005		
Sulfur	mg/L	3.6		
Metals				
Aluminum	mg/L	0.001	<0.2	OG
Antimony	mg/L	0.00003	0.006	MAC
Arsenic	mg/L	0.0035	0.01	ALARA
Barium	mg/L	0.0025	2.0	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.008	5.0	MAC
Cadmium	mg/L	<0.00001	0.007	MAC
Chromium	mg/L	0.00025	0.05	MAC
Cobalt	mg/L	<0.00002		
Copper	mg/L	0.031	2.0	MAC
Iron	mg/L	0.049	≤0.3	AO
Lead	mg/L	0.00043	0.005	ALARA
Lithium	mg/L	0.0014		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.0027		
Nickel	mg/L	<0.0002		

Langdale Water System - Water Potability Test Results

Date: 12-Jan-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	6.6	≤200	AO
Strontium	mg/L	0.03	7.0	MAC
Thallium	mg/L	<0.00001		
Tin	mg/L	<0.0001		
Titanium	mg/L	<0.0001		
Uranium	mg/L	0.00009	0.02	MAC
Vanadium	mg/L	0.0033		
Zinc	mg/L	0.007	≤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	%	95.0		
Dibromofluoromethane	%	115.0		
Toluene-d8	%	100.0		
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: 12-Jan-23

Location: Marine Drive (SO-03)

Parameter	Units	SO-03	GCDWQ	
Routine Water Analysis			Limit	Type
Phosphorus - Total	mg/L	0.053		
Turbidity	NTU	<0.10		
pH		7.45	7.0-10.5	OG
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	47		
Kjeldahl Nitrogen	mg/L	0.08		
Organic Carbon	mg/L	<0.5		
Ammonia - N	mg/L	<0.025	N/A	
Chloride	mg/L	6.47	≤250	AO
Nitrate - N	mg/L	0.66	10	MAC
Nitrite - N	mg/L	<0.01	1.0	MAC
Sulfate	mg/L	8.9	≤500	AO
Hardness	mg CaCO ₃ /L	48	N/A	
Salinity	mg/L	0.017		
Calcium	mg/L	9.6	N/A	
Magnesium	mg/L	5.8	N/A	
Bicarbonate	mg/L	57		
Carbonate	mg/L	<6		
Potassium	mg/L	2.7		
Hydroxide	mg/L	<5		
Chemical Oxygen Demand	mg/L	<5		
Manganese	mg/L	<0.001	0.12	MAC
Selenium	mg/L	0.0005	0.05	MAC
Styrene	mg/L	<0.0005		
Sulfur	mg/L	2.8		
Metals				
Aluminum	mg/L	<0.001	<0.2	OG
Antimony	mg/L	0.00004	0.006	MAC
Arsenic	mg/L	0.0024	0.01	ALARA
Barium	mg/L	0.0044	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	0.00045	0.05	MAC
Cobalt	mg/L	<0.00002		
Copper	mg/L	0.0027	2.0	MAC
Iron	mg/L	<0.002	≤0.3	AO
Lead	mg/L	0.00006	0.005	ALARA
Lithium	mg/L	0.001		
Mercury	mg/L	<0.00001	0.001	MAC

Soames Water System - Water Potability Test Results

Date: 12-Jan-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	18		
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	6.8	≤200	AO
Strontium	mg/L	0.03	7.0	MAC
Thallium	mg/L	<0.00001		
Tin	mg/L	<0.0001		
Titanium	mg/L	<0.0001		
Uranium	mg/L	0.00020	0.02	MAC
Vanadium	mg/L	0.0086		
Zinc	mg/L	0.0016	≤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	%	94.1		
Dibromofluoromethane	%	113.0		
Toluene-d8	%	98.7		
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: 23-Jan-23

Location: West End (20.3)

Parameter	Units	20.3	GCDWQ	
Routine Water Analysis			Limit	Type
Phosphorus - Total	mg/L	<0.005		
Turbidity	NTU	<0.10		
pH		6.25	7.0-10.5	OG
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	7		
Kjeldahl Nitrogen	mg/L	0.22		
Organic Carbon	mg/L	0.8		
Ammonia - N	mg/L	<0.025	N/A	
Chloride	mg/L	13.2	≤250	AO
Nitrate - N	mg/L	1.2	10	MAC
Nitrite - N	mg/L	<0.01	1.0	MAC
Sulfate	mg/L	3.5	≤500	AO
Hardness	mg CaCO3/L	21	N/A	
Salinity	mg/L	0.011		
Calcium	mg/L	5.1	N/A	
Magnesium	mg/L	2.1	N/A	
Bicarbonate	mg/L	<5		
Carbonate	mg/L	8		
Potassium	mg/L	0.87		
Hydroxide	mg/L	<5		
Chemical Oxygen Demand	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	1.1		
Metals				
Aluminum	mg/L	0.033	<0.2	OG
Antimony	mg/L	<0.00002	0.006	MAC
Arsenic	mg/L	<0.0001	0.01	ALARA
Barium	mg/L	0.025	2.0	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.007	5.0	MAC
Cadmium	mg/L	<0.00001	0.007	MAC
Chromium	mg/L	0.0001	0.05	MAC
Cobalt	mg/L	0.00005		
Copper	mg/L	0.026	2.0	MAC
Iron	mg/L	0.009	≤0.3	AO
Lead	mg/L	0.0009	0.005	ALARA
Lithium	mg/L	<0.0005		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.00002		
Nickel	mg/L	0.0003		

Eastbourne Water System - Water Potability Test Results

Date: 23-Jan-23

Location: West End (20.3)

Parameter	Units	20.3	GCDWQ	
Metals Continued				
Silicon	mg/L	6.6		
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	5	≤200	AO
Strontium	mg/L	0.060	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	0.00110		
Zinc	mg/L	0.008	≤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	%	84.7		
Dibromofluoromethane	%	96.6		
Toluene-d8	%	117.0		
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

MAC = Maximum Acceptable Concentration

OG = Operational Guidance Value