

North Pender Water System - Water Potability Test Results

Date: 28-Aug-24

Location: Daniel Point Reservoir (NP-05)

Parameter	Units	NP-05	GCDWQ	
Routine Water Analysis			Limit	Type
pH		6.8	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	18		
Turbidity	NTU	0.62		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	86	≤500	AO
Phosphorus	mg/L	<0.05		
Bromide	mg/L	<0.02		
Chloride	mg/L	10.9	≤250	AO
Fluoride	mg/L	0.01	1.5	MAC
Nitrate - N	mg/L	0.06	10	MAC
Nitrite - N	mg/L	<0.01	1	MAC
Sulfate	mg/L	3	≤500	AO
Hardness	mg CaCO3/L	18	N/A	
Calcium	mg/L	5.6	N/A	
Magnesium	mg/L	0.91	N/A	
Potassium	mg/L	0.59		
Bicarbonate	mg/L	22		
Carbonate	mg/L	<6		
Hydroxide	mg/L	<5		
Manganese	mg/L	0.013	0.12	MAC
Selenium	mg/L	<0.0002	0.05	MAC
Styrene	mg/L	<0.5		
Sulfur	mg/L	1.0		
Metals				
Aluminum	mg/L	0.02	2.9/<0.1	MAC/OG
Antimony	mg/L	<0.00002	0.006	MAC
Arsenic	mg/L	0.0002	0.01	ALARA
Barium	mg/L	0.0036	2	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.008	5	MAC
Cadmium	mg/L	<0.00001	0.007	MAC
Chromium	mg/L	0.00009	0.05	MAC
Cobalt	mg/L	0.00003		
Copper	mg/L	0.0053	2	MAC
Iron	mg/L	0.097	≤0.3	AO
Lead	mg/L	0.00021	0.005	ALARA
Lithium	mg/L	<0.0005		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.0014		
Nickel	mg/L	<0.0002		
Silicon	mg/L	3.5		

Water Potability Test Results

Date: 28-Aug-24

Location: Daniel Point Reservoir (NP-05)

Parameter	Units	NP-05	GCDWQ	
Metals Continued				
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	9.1	≤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	<0.0001		
Uranium	mg/L	0.00002	0.02	MAC
Vanadium	mg/L	0.00018		
Zinc	mg/L	0.0085	≤5.0	AO
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	%			
Dibromofluoromethane	%			
Toluene-d8	%			

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: 8-Aug-24

Location: Edgcombe Road (SP-03)

Parameter	Units	SP-03	GCDWQ	
Routine Water Analysis			Limit	Type
pH		7.36	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	35		
Turbidity	NTU	0.12		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	84	≤500	AO
Phosphorus	mg/L	<0.005		
Bromide	mg/L	<0.02		
Chloride	mg/L	14.1	≤250	AO
Fluoride	mg/L	<0.01	1.5	MAC
Nitrate - N	mg/L	0.04	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	4.4	N/A	
Magnesium	mg/L	0.62	N/A	
Potassium	mg/L	0.41		
Bicarbonate	mg/L	43		
Carbonate	mg/L	<6		
Hydroxide	mg/L	<5		
Manganese	mg/L	0.004	0.12	MAC
Selenium	mg/L	<0.0002	0.05	MAC
Styrene	mg/L	<0.5		
Sulfur	mg/L	0.46		
Metals				
Aluminum	mg/L	0.01	2.9/<0.1	MAC/OG
Antimony	mg/L	<0.00002	0.006	MAC
Arsenic	mg/L	0.0003	0.01	ALARA
Barium	mg/L	0.0058	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	0.00007	0.05	MAC
Cobalt	mg/L	<0.00002		
Copper	mg/L	0.0079	2	MAC
Iron	mg/L	0.004	≤0.3	AO
Lead	mg/L	0.00024	0.005	ALARA
Lithium	mg/L	<0.0005		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.002		
Nickel	mg/L	<0.0002		
Silicon	mg/L	2.7		

South Pender Water System - Water Potability Test Results

Date: 8-Aug-24

Location: Edgcombe Road (SP-03)

Parameter	Units	SP-03	GCDWQ	
Metals Continued				
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	18	≤200	AO
Strontium	mg/L	0.024	7	MAC
Thallium	mg/L	<0.00001		
Thorium	mg/L	<0.00005		
Tin	mg/L	0.0002		
Titanium	mg/L	<0.0001		
Uranium	mg/L	<0.00001	0.02	MAC
Vanadium	mg/L	<0.00005		
Zinc	mg/L	<0.0005	≤5.0	AO
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	%			
Dibromofluoromethane	%			
Toluene-d8	%			

ND = Not Detected

RDL = Reportable Detection Limit

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Egmont Water System - Water Potability Test Results

Date: 8-Aug-24

Location: Egmont Hall (EG-02)

Parameter	Units	EG-02	GCDWQ	
Routine Water Analysis			Limit	Type
pH		7	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	12		
Turbidity	NTU	0.18		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	36	≤500	AO
Phosphorus	mg/L	<0.005		
Bromide	mg/L	<0.02		
Chloride	mg/L	5.63	≤250	AO
Fluoride	mg/L	<0.01	1.5	MAC
Nitrate - N	mg/L	0.02	10	MAC
Nitrite - N	mg/L	<0.01	1	MAC
Sulfate	mg/L	1.5	≤500	AO
Hardness	mg CaCO ₃ /L	11.1	N/A	
Calcium	mg/L	3.8	N/A	
Magnesium	mg/L	0.4	N/A	
Potassium	mg/L	0.16		
Bicarbonate	mg/L	14		
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	<0.5		
Sulfur	mg/L	0.52		
Metals				
Aluminum	mg/L	0.017	2.9/<0.1	MAC/OG
Antimony	mg/L	<0.00002	0.006	MAC
Arsenic	mg/L	0.0003	0.01	ALARA
Barium	mg/L	0.0031	2	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.003	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	0.026	2	MAC
Iron	mg/L	0.036	≤0.3	AO
Lead	mg/L	0.00046	0.005	ALARA
Lithium	mg/L	<0.0005		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.00048		
Nickel	mg/L	<0.0002		
Silicon	mg/L	1.9		

Egmont Water System - Water Potability Test Results

Date: 8-Aug-24

Location: Egmont Hall (EG-02)

Parameter	Units	EG-02	GCDWQ	
Metals Continued				
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	4.5	≤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	0.00016		
Zinc	mg/L	0.015	≤5.0	AO
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	%			
Dibromofluoromethane	%			
Toluene-d8	%			

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Cove Cay Water System - Water Potability Test Results

Date: 8-Aug-24

Location: Jervis Inlet Road (RL-03)

Parameter	Units	RL-03	GCDWQ	
Routine Water Analysis			Limit	Type
pH		7.53	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	15		
Turbidity	NTU	0.25		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	38	≤500	AO
Phosphorus	mg/L	<0.005		
Bromide	mg/L	<0.02		
Chloride	mg/L	5.63	≤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	2.3	≤500	AO
Hardness	mg CaCO3/L	15	N/A	
Calcium	mg/L	5	N/A	
Magnesium	mg/L	0.65	N/A	
Potassium	mg/L	0.3		
Bicarbonate	mg/L	18		
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	<0.5		
Sulfur	mg/L	0.80		
Metals				
Aluminum	mg/L	0.006	2.9/<0.1	MAC/OG
Antimony	mg/L	0.00004	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	0.009	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	0.0029	2	MAC
Iron	mg/L	0.092	≤0.3	AO
Lead	mg/L	0.00007	0.005	ALARA
Lithium	mg/L	<0.0005		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.0005		
Nickel	mg/L	0.0002		
Silicon	mg/L	1.3		

Cove Cay Water System - Water Potability Test Results

Date: 8-Aug-24

Location: Jervis Inlet Road (RL-03)

Parameter	Units	RL-03	GCDWQ	
Metals Continued				
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	4.8	≤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	0.0001		
Zinc	mg/L	0.0029	≤5.0	AO
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	%			
Dibromofluoromethane	%			
Toluene-d8	%			

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: 23-Aug-24

Location: Chamberlain Road (CH-26)

Parameter	Units	CH-26	GCDWQ	
Routine Water Analysis			Limit	Type
pH		7.42	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	38		
Turbidity	NTU	0.28		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	100	≤500	AO
Phosphorus	mg/L	0.067		
Bromide	mg/L	<0.02		
Chloride	mg/L	4.06	≤250	AO
Fluoride	mg/L	0.04	1.5	MAC
Nitrate - N	mg/L	0.35	10	MAC
Nitrite - N	mg/L	<0.01	1	MAC
Sulfate	mg/L	8.4	≤500	AO
Hardness	mg CaCO3/L	37	N/A	
Calcium	mg/L	9.1	N/A	
Magnesium	mg/L	3.5	N/A	
Potassium	mg/L	2.6		
Bicarbonate	mg/L	46		
Carbonate	mg/L	<6		
Hydroxide	mg/L	<5		
Manganese	mg/L	0.005	0.12	MAC
Selenium	mg/L	0.0006	0.05	MAC
Styrene	mg/L	<0.0005		
Sulfur	mg/L	2.5		
Metals				
Aluminum	mg/L	0.006	2.9/<0.1	MAC/OG
Antimony	mg/L	0.00004	0.006	MAC
Arsenic	mg/L	0.001	0.01	ALARA
Barium	mg/L	0.0066	2	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.008	5	MAC
Cadmium	mg/L	<0.00001	0.007	MAC
Chromium	mg/L	0.0047	0.05	MAC
Cobalt	mg/L	0.00003		
Copper	mg/L	0.0071	2	MAC
Iron	mg/L	0.1	≤0.3	AO
Lead	mg/L	0.00011	0.005	ALARA
Lithium	mg/L	0.0008		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.0012		
Nickel	mg/L	0.0005		
Silicon	mg/L	17		

Chapman Water Treatment Plant - Water Potability Test Results

Date: 23-Aug-24

Location: Chamberlain Road (CH-26)

Parameter	Units	CH-26	GCDWQ	
Metals Continued				
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	7.4	≤200	AO
Strontium	mg/L	0.028	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	0.00007	0.02	MAC
Vanadium	mg/L	0.0055		
Zinc	mg/L	0.0034	≤5.0	AO
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	%	99.4		
Dibromofluoromethane	%	113		
Toluene-d8	%	102		

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

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Langdale Water System - Water Potability Test Results

Date: 23-July-24

Location: Maple Park (LA-04)

Parameter	Units	LA-04	GCDWQ	
Routine Water Analysis			Limit	Type
Phosphorus - Total	mg/L	0.047		
Turbidity	NTU	<0.10		
pH		7.29	7.0-10.5	OG
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	38		
Kjeldahl Nitrogen	mg/L	<0.07		
Organic Carbon	mg/L	<0.5		
Ammonia - N	mg/L	<0.025	N/A	
Chloride	mg/L	3.46	≤250	AO
Nitrate - N	mg/L	0.26	10	MAC
Nitrite - N	mg/L	<0.01	1.0	MAC
Sulfate	mg/L	12.4	≤500	AO
Hardness	mg CaCO3/L	40	N/A	
Salinity	mg/L	0.017		
Calcium	mg/L	8.3	N/A	
Magnesium	mg/L	4.7	N/A	
Bicarbonate	mg/L	46		
Carbonate	mg/L	<6		
Potassium	mg/L	2.4		
Hydroxide	mg/L	<5		
Chemical Oxygen Demand	mg/L	<10		
Manganese	mg/L	0.004	0.12	MAC
Selenium	mg/L	0.0004	0.05	MAC
Styrene	mg/L	0.0005		
Sulfur	mg/L	3.8		
Metals				
Aluminum	mg/L	<0.001	2.9/<0.1	MAC/OG
Antimony	mg/L	<0.00002	0.006	MAC
Arsenic	mg/L	0.0035	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	0.0002	0.05	MAC
Cobalt	mg/L	<0.00002		
Copper	mg/L	0.039	2.0	MAC
Iron	mg/L	0.043	≤0.3	AO
Lead	mg/L	0.00038	0.005	ALARA
Lithium	mg/L	0.0015		
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: 23-July-24

Location: Maple Park (LA-04)

Parameter	Units	LA-04	GCDWQ	
Metals Continued				
Silicon	mg/L	17		
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	6.9	≤200	AO
Strontium	mg/L	0.033	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	0.0044		
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	%	104		
Dibromofluoromethane	%	112		
Toluene-d8	%	100		
VPHw (VHw6-10 minus BTEX)	mg/L			
VHw6-10	mg/L			

ND = Not Detected

RDL = Reportable Detection Limit

mg/L = Milligrams per Liter

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Soames Water System - Water Potability Test Results

Date: 23-July-24

Location: Marine Drive (SO-03)

Parameter	Units	SO-03	GCDWQ	
Routine Water Analysis			Limit	Type
Phosphorus - Total	mg/L	0.070		
Turbidity	NTU	0.12		
pH		7.39	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	7.04	≤250	AO
Nitrate - N	mg/L	0.78	10	MAC
Nitrite - N	mg/L	<0.01	1.0	MAC
Sulfate	mg/L	9.4	≤500	AO
Hardness	mg CaCO3/L	66	N/A	
Salinity	mg/L	0.025		
Calcium	mg/L	11	N/A	
Magnesium	mg/L	9.5	N/A	
Bicarbonate	mg/L	59		
Carbonate	mg/L	<6		
Potassium	mg/L	3.3		
Hydroxide	mg/L	<5		
Chemical Oxygen Demand	mg/L	20		
Manganese	mg/L	<0.001	0.12	MAC
Selenium	mg/L	0.0005	0.05	MAC
Styrene	mg/L	0.0005		
Sulfur	mg/L	2.7		
Metals				
Aluminum	mg/L	0.003	2.9/<0.1	MAC/OG
Antimony	mg/L	0.00004	0.006	MAC
Arsenic	mg/L	0.0024	0.01	ALARA
Barium	mg/L	0.0061	2.0	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.006	5.0	MAC
Cadmium	mg/L	0.00013	0.007	MAC
Chromium	mg/L	0.00052	0.05	MAC
Cobalt	mg/L	<0.00002		
Copper	mg/L	0.0044	2.0	MAC
Iron	mg/L	0.004	≤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: 23-July-24

Location: Marine Drive (SO-03)

Parameter	Units	SO-03	GCDWQ	
Metals Continued				
Molybdenum	mg/L	0.0015		
Nickel	mg/L	<0.0002		
Silicon	mg/L	23		
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	9.9	≤200	AO
Strontium	mg/L	0.035	7.0	MAC
Thallium	mg/L	<0.00001		
Tin	mg/L	<0.0001		
Titanium	mg/L	0.0004		
Uranium	mg/L	0.00024	0.02	MAC
Vanadium	mg/L	0.0092		
Zinc	mg/L	0.0051	≤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	%	101		
Dibromofluoromethane	%	118		
Toluene-d8	%	98.8		
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

Eastbourne Water System - Water Potability Test Results

Date: 8-Aug-24

Location: West End (20.3)

Parameter	Units	20.3	GCDWQ	
Routine Water Analysis			Limit	Type
Phosphorus - Total	mg/L	<0.005		
Turbidity	NTU	0.32		
pH		6.99	7.0-10.5	OG
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	30		
Kjeldahl Nitrogen	mg/L	<0.07		
Organic Carbon	mg/L	0.6		
Ammonia - N	mg/L	<0.025	N/A	
Chloride	mg/L	8.8	≤250	AO
Nitrate - N	mg/L	0.60	10	MAC
Nitrite - N	mg/L	<0.01	1.0	MAC
Sulfate	mg/L	7.4	≤500	AO
Hardness	mg CaCO3/L	17	N/A	
Salinity	mg/L	0.033		
Calcium	mg/L	4.8	N/A	
Magnesium	mg/L	1.2	N/A	
Bicarbonate	mg/L	36		
Carbonate	mg/L	<6		
Potassium	mg/L	0.71		
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	2.2		
Metals				
Aluminum	mg/L	0.01	2.9/<0.1	MAC/OG
Antimony	mg/L	0.00015	0.006	MAC
Arsenic	mg/L	0.0006	0.01	ALARA
Barium	mg/L	0.012	2.0	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.049	5.0	MAC
Cadmium	mg/L	<0.00001	0.007	MAC
Chromium	mg/L	0.00016	0.05	MAC
Cobalt	mg/L	0.00005		
Copper	mg/L	0.032	2.0	MAC
Iron	mg/L	0.013	≤0.3	AO
Lead	mg/L	0.00065	0.005	ALARA
Lithium	mg/L	0.0009		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.00028		
Nickel	mg/L	0.0008		

Eastbourne Water System - Water Potability Test Results

Date: 8-Aug-24

Location: West End (20.3)

Parameter	Units	20.3	GCDWQ	
Metals Continued				
Silicon	mg/L	9.1		
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	13.0	≤200	AO
Strontium	mg/L	0.047	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	0.00039		
Zinc	mg/L	0.0200	≤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	%	98		
Dibromofluoromethane	%	115		
Toluene-d8	%	94		
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