

North Pender Water System - Water Potability Test Results

Date: 13-Feb-24

Location: Daniel Point Reservoir (NP-05)

Parameter	Units	NP-05	GCDWQ	
Routine Water Analysis			Limit	Type
pH		6.86	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	18		
Turbidity	NTU	0.26		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	70	≤500	AO
Phosphorus	mg/L	<0.05		
Bromide	mg/L	<0.02		
Chloride	mg/L	12.9	≤250	AO
Fluoride	mg/L	0.02	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	17	N/A	
Calcium	mg/L	5.4	N/A	
Magnesium	mg/L	0.89	N/A	
Potassium	mg/L	0.6		
Bicarbonate	mg/L	22		
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	<0.5		
Sulfur	mg/L	1.1		
Metals				
Aluminum	mg/L	0.015	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	0.0024	2	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.007	5	MAC
Cadmium	mg/L	<0.00001	0.007	MAC
Chromium	mg/L	0.00009	0.05	MAC
Cobalt	mg/L	<0.00002		
Copper	mg/L	0.0027	2	MAC
Iron	mg/L	0.071	≤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	0.0015		
Nickel	mg/L	<0.0002		
Silicon	mg/L	2.8		

Water Potability Test Results

Date: 13-Feb-24

Location: Daniel Point Reservoir (NP-05)

Parameter	Units	NP-05	GCDWQ	
Metals Continued				
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	11	≤200	AO
Strontium	mg/L	0.023	7	MAC
Thallium	mg/L	0.023		
Thorium	mg/L	<0.00001		
Tin	mg/L	<0.00005		
Titanium	mg/L	<0.0001		
Uranium	mg/L	0.00002	0.02	MAC
Vanadium	mg/L	0.00013		
Zinc	mg/L	0.0048	≤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: 13-Feb-24

Location: Edgcombe Road (SP-03)

Parameter	Units	SP-03	GCDWQ	
Routine Water Analysis			Limit	Type
pH		7.05	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	25		
Turbidity	NTU	<0.10		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	90	≤500	AO
Phosphorus	mg/L	<0.005		
Bromide	mg/L	<0.02		
Chloride	mg/L	10.5	≤250	AO
Fluoride	mg/L	<0.01	1.5	MAC
Nitrate - N	mg/L	0.05	10	MAC
Nitrite - N	mg/L	<0.01	1	MAC
Sulfate	mg/L	1.5	≤500	AO
Hardness	mg CaCO3/L	10.2	N/A	
Calcium	mg/L	3.4	N/A	
Magnesium	mg/L	0.42	N/A	
Potassium	mg/L	0.55		
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	<0.5		
Sulfur	mg/L	0.57		
Metals				
Aluminum	mg/L	0.011	2.9/<0.1	MAC/OG
Antimony	mg/L	<0.00002	0.006	MAC
Arsenic	mg/L	0.0001	0.01	ALARA
Barium	mg/L	0.0037	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	0.0017	2	MAC
Iron	mg/L	0.009	≤0.3	AO
Lead	mg/L	0.00003	0.005	ALARA
Lithium	mg/L	<0.0005		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.0025		
Nickel	mg/L	<0.0002		
Silicon	mg/L	4.4		

South Pender Water System - Water Potability Test Results

Date: 13-Feb-24

Location: Edgcombe Road (SP-03)

Parameter	Units	SP-03	GCDWQ	
Metals Continued				
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	15	≤200	AO
Strontium	mg/L	0.016	7	MAC
Thallium	mg/L	<0.00001		
Thorium	mg/L	<0.00005		
Tin	mg/L	<0.0001		
Titanium	mg/L			
Uranium	mg/L	<0.00001	0.02	MAC
Vanadium	mg/L	0.00007		
Zinc	mg/L	0.0009	≤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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Egmont Water System - Water Potability Test Results

Date: 13-Feb-24

Location: Egmont Hall (EG-02)

Parameter	Units	EG-02	GCDWQ	
Routine Water Analysis			Limit	Type
pH		6.51	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	10		
Turbidity	NTU	0.17		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	60	≤500	AO
Phosphorus	mg/L	<0.05		
Bromide	mg/L	<0.02		
Chloride	mg/L	5.44	≤250	AO
Fluoride	mg/L	0.02	1.5	MAC
Nitrate - N	mg/L	0.06	10	MAC
Nitrite - N	mg/L	<0.01	1	MAC
Sulfate	mg/L	1.4	≤500	AO
Hardness	mg CaCO3/L	10.3	N/A	
Calcium	mg/L	3.5	N/A	
Magnesium	mg/L	0.41	N/A	
Potassium	mg/L	0.13		
Bicarbonate	mg/L	<5		
Carbonate	mg/L	10		
Hydroxide	mg/L	<5		
Manganese	mg/L	0.002	0.12	MAC
Selenium	mg/L	<0.0002	0.05	MAC
Styrene	mg/L	<0.5		
Sulfur	mg/L	0.5		
Metals				
Aluminum	mg/L	0.015	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	0.0027	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	0.00012	0.05	MAC
Cobalt	mg/L	<0.00002		
Copper	mg/L	0.012	2	MAC
Iron	mg/L	0.022	≤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	0.00049		
Nickel	mg/L	<0.0002		
Silicon	mg/L	2		

Egmont Water System - Water Potability Test Results

Date: 13-Feb-24

Location: Egmont Hall (EG-02)

Parameter	Units	EG-02	GCDWQ	
Metals Continued				
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	4.7	≤200	AO
Strontium	mg/L	0.012	7	MAC
Thallium	mg/L	<0.00001		
Thorium	mg/L	<0.00005		
Tin	mg/L	0.0048		
Titanium	mg/L	<0.0001		
Uranium	mg/L	0.00001	0.02	MAC
Vanadium	mg/L	0.0001		
Zinc	mg/L	0.0075	≤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: 13-Feb-24

Location: Jervis Inlet Road (RL-03)

Parameter	Units	RL-03	GCDWQ	
Routine Water Analysis			Limit	Type
pH		6.99	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	16		
Turbidity	NTU	0.42		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	90	≤500	AO
Phosphorus	mg/L	<0.05		
Bromide	mg/L	<0.02		
Chloride	mg/L	5.36	≤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 CaCO ₃ /L	15	N/A	
Calcium	mg/L	4.8	N/A	
Magnesium	mg/L	0.64	N/A	
Potassium	mg/L	0.29		
Bicarbonate	mg/L	19		
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	0.81		
Metals				
Aluminum	mg/L	0.007	2.9/<0.1	MAC/OG
Antimony	mg/L	0.00004	0.006	MAC
Arsenic	mg/L	0.0003	0.01	ALARA
Barium	mg/L	0.011	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	0.0069	2	MAC
Iron	mg/L	0.081	≤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	0.00053		
Nickel	mg/L	<0.0002		
Silicon	mg/L	1.5		

Cove Cay Water System - Water Potability Test Results

Date: 13-Feb-24

Location: Jervis Inlet Road (RL-03)

Parameter	Units	RL-03	GCDWQ	
Metals Continued				
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	4.6	≤200	AO
Strontium	mg/L	0.013	7	MAC
Thallium	mg/L	<0.00001		
Thorium	mg/L	<0.00005		
Tin	mg/L	0.0045		
Titanium	mg/L	0.0001		
Uranium	mg/L	0.00001	0.02	MAC
Vanadium	mg/L	0.00015		
Zinc	mg/L	0.066	≤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: 24-Jan-24

Location: Chamberlain Road (CH-26)

Parameter	Units	CH-26	GCDWQ	
Routine Water Analysis			Limit	Type
pH		7.14	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	21		
Turbidity	NTU	0.17		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	54	≤500	AO
Phosphorus	mg/L	<0.005		
Bromide	mg/L	<0.02		
Chloride	mg/L	13.2	≤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	0.9	≤500	AO
Hardness	mg CaCO3/L	8.9	N/A	
Calcium	mg/L	3.1	N/A	
Magnesium	mg/L	0.29	N/A	
Potassium	mg/L	0.19		
Bicarbonate	mg/L	25		
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	0.38		
Metals				
Aluminum	mg/L	0.026	2.9/<0.1	MAC/OG
Antimony	mg/L	0.00002	0.006	MAC
Arsenic	mg/L	<0.0001	0.01	ALARA
Barium	mg/L	0.0024	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	0.00005	0.05	MAC
Cobalt	mg/L	<0.00002		
Copper	mg/L	0.0012	2	MAC
Iron	mg/L	0.048	≤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	0.00014		
Nickel	mg/L	<0.0002		
Silicon	mg/L	2.4		

Chapman Water Treatment Plant - Water Potability Test Results

Date: 24-Jan-24

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	0.0089	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	0.018	≤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	%	103		
Dibromofluoromethane	%	101		
Toluene-d8	%	105		

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: 24-Jan-24

Location: Maple Park (LA-04)

Parameter	Units	LA-04	GCDWQ	
Routine Water Analysis			Limit	Type
Phosphorus - Total	mg/L	0.045		
Turbidity	NTU	0.12		
pH		7.28	7.0-10.5	OG
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	40		
Kjeldahl Nitrogen	mg/L	<0.07		
Organic Carbon	mg/L	<0.5		
Ammonia - N	mg/L	<0.025	N/A	
Chloride	mg/L	3.62	≤250	AO
Nitrate - N	mg/L	0.21	10	MAC
Nitrite - N	mg/L	<0.01	1.0	MAC
Sulfate	mg/L	11.1	≤500	AO
Hardness	mg CaCO3/L	41	N/A	
Salinity	mg/L	0.018		
Calcium	mg/L	8.6	N/A	
Magnesium	mg/L	4.7	N/A	
Bicarbonate	mg/L	49		
Carbonate	mg/L	<6		
Potassium	mg/L	2.4		
Hydroxide	mg/L	<5		
Chemical Oxygen Demand	mg/L	<10		
Manganese	mg/L	0.003	0.12	MAC
Selenium	mg/L	0.0004	0.05	MAC
Styrene	mg/L	<0.0005		
Sulfur	mg/L	4.0		
Metals				
Aluminum	mg/L	0.002	2.9/<0.1	MAC/OG
Antimony	mg/L	<0.00002	0.006	MAC
Arsenic	mg/L	0.0034	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	0.0002	0.05	MAC
Cobalt	mg/L	<0.00002		
Copper	mg/L	0.031	2.0	MAC
Iron	mg/L	0.036	≤0.3	AO
Lead	mg/L	0.00057	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: 24-Jan-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	7.2	≤200	AO
Strontium	mg/L	0.029	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	0.0035		
Zinc	mg/L	0.011	≤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	%	102		
Dibromofluoromethane	%	102		
Toluene-d8	%	101		
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: 24-Jan-24

Location: Marine Drive (SO-03)

Parameter	Units	SO-03	GCDWQ	
Routine Water Analysis			Limit	Type
Phosphorus - Total	mg/L	0.064		
Turbidity	NTU	0.10		
pH		7.36	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	7.24	≤250	AO
Nitrate - N	mg/L	0.66	10	MAC
Nitrite - N	mg/L	<0.01	1.0	MAC
Sulfate	mg/L	8.6	≤500	AO
Hardness	mg CaCO3/L	53	N/A	
Salinity	mg/L	0.020		
Calcium	mg/L	11	N/A	
Magnesium	mg/L	6.2	N/A	
Bicarbonate	mg/L	59		
Carbonate	mg/L	<6		
Potassium	mg/L	3.0		
Hydroxide	mg/L	<5		
Chemical Oxygen Demand	mg/L	<10		
Manganese	mg/L	<0.001	0.12	MAC
Selenium	mg/L	0.0004	0.05	MAC
Styrene	mg/L	<0.0005		
Sulfur	mg/L	2.7		
Metals				
Aluminum	mg/L	0.001	2.9/<0.1	MAC/OG
Antimony	mg/L	0.00003	0.006	MAC
Arsenic	mg/L	0.0023	0.01	ALARA
Barium	mg/L	0.0043	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	0.00043	0.05	MAC
Cobalt	mg/L	<0.00002		
Copper	mg/L	0.0076	2.0	MAC
Iron	mg/L	<0.002	≤0.3	AO
Lead	mg/L	0.00007	0.005	ALARA
Lithium	mg/L	0.001		
Mercury	mg/L	<0.00001	0.001	MAC

Soames Water System - Water Potability Test Results

Date: 24-Jan-24

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	20		
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	8.0	≤200	AO
Strontium	mg/L	<0.00001	7.0	MAC
Thallium	mg/L	<0.00005		
Tin	mg/L	<0.0001		
Titanium	mg/L	<0.0001		
Uranium	mg/L	0.00021	0.02	MAC
Vanadium	mg/L	0.0083		
Zinc	mg/L	0.0048	≤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	%	110		
Toluene-d8	%	89.0		
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

Eastbourne Water System - Water Potability Test Results

Date: 24-Jan-24

Location: West End (20.3)

Parameter	Units	20.3	GCDWQ	
Routine Water Analysis			Limit	Type
Phosphorus - Total	mg/L	<0.005		
Turbidity	NTU	0.63		
pH		6.34	7.0-10.5	OG
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	12		
Kjeldahl Nitrogen	mg/L	<0.07		
Organic Carbon	mg/L	0.7		
Ammonia - N	mg/L	<0.025	N/A	
Chloride	mg/L	10.9	≤250	AO
Nitrate - N	mg/L	0.94	10	MAC
Nitrite - N	mg/L	<0.01	1.0	MAC
Sulfate	mg/L	4.2	≤500	AO
Hardness	mg CaCO3/L	22	N/A	
Salinity	mg/L	0.016		
Calcium	mg/L	5.7	N/A	
Magnesium	mg/L	1.8	N/A	
Bicarbonate	mg/L	15		
Carbonate	mg/L	<6		
Potassium	mg/L	0.88		
Hydroxide	mg/L	<5		
Chemical Oxygen Demand	mg/L	<10		
Manganese	mg/L	0.002	0.12	MAC
Selenium	mg/L	<0.0002	0.05	MAC
Styrene	mg/L	<0.0005		
Sulfur	mg/L	1.3		
Metals				
Aluminum	mg/L	0.026	2.9/<0.1	MAC/OG
Antimony	mg/L	0.00003	0.006	MAC
Arsenic	mg/L	0.0002	0.01	ALARA
Barium	mg/L	0.017	2.0	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.013	5.0	MAC
Cadmium	mg/L	0.00001	0.007	MAC
Chromium	mg/L	0.00006	0.05	MAC
Cobalt	mg/L	0.00006		
Copper	mg/L	0.027	2.0	MAC
Iron	mg/L	0.004	≤0.3	AO
Lead	mg/L	0.00081	0.005	ALARA
Lithium	mg/L	<0.0005		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.00010		
Nickel	mg/L	<0.0002		

Eastbourne Water System - Water Potability Test Results

Date: 24-Jan-24

Location: West End (20.3)

Parameter	Units	20.3	GCDWQ	
Metals Continued				
Silicon	mg/L	7.7		
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	6.4	≤200	AO
Strontium	mg/L	0.051	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	0.00033		
Zinc	mg/L	0.0087	≤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	%	103		
Dibromofluoromethane	%	102		
Toluene-d8	%	102		
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