North Pender Water System - Water Potability Test Results

Date: August 13th, 2025

Location: Daniel Point Reservoir (NP-07)

Parameter	Units	NP-07	GCDWQ	
Routine Water Analysis			**Limit**	**Type**
pH		6.83	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	17		
Turbidity	NTU	<5		
Colour	TCU	17	≤15	AO
Total Dissolved Solids	mg/L	54	≤500	AO
Phosphorus	mg/L	<0.005		
Bromide	mg/L	<0.02		
Chloride	mg/L	10.4	≤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	2.8	≤500	AO
Hardness	mg CaCO3/L	17	N/A	
Calcium	mg/L	5.2	N/A	
Magnesium	mg/L	0.96	N/A	
Potassium	mg/L	0.6		
Bicarbonate	mg/L	21		
Carbonate	mg/L	<6		
Hydroxide	mg/L	<5		
Manganese	mg/L	0.008	0.12	MAC
Selenium	mg/L	0.008	0.05	MAC
Styrene	mg/L	<0.0005		
Sulfur	mg/L	1.0		
Metals				
Aluminum	mg/L	0.021	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	0.0034	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	0.00014	0.05	MAC
Cobalt	mg/L	0.00003		
Copper	mg/L	0.0086	2	MAC
Iron	mg/L	0.085	≤0.3	AO
Lead	mg/L	0.00037	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	3.9		

Water Potability Test Results

Date: August 13th, 2025

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	0.026	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	0.00011		
Zinc	mg/L	0.013	≤5.0	AO
Zirconium	mg/L	<0.0001		
Volitile 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	<0.001	0.09	MAC
4-Bromofluorobenzene	%	90		
Dibromofluoromethane	%	110		
Toluene-d8	%	110		

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: August 13th, 2025

Location: Edgecombe Road (SP-03)

Parameter	Units	SP-03	GCDWQ	
Routine Water Analysis			**Limit**	**Type**
pH		7.39	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	35		
Turbidity	NTU	0.2		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	64	≤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	0.01	10	MAC
Nitrite - N	mg/L	<0.01	1	MAC
Sulfate	mg/L	1	≤500	AO
Hardness	mg CaCO3/L	15	N/A	
Calcium	mg/L	4.7	N/A	
Magnesium	mg/L	0.79	N/A	
Potassium	mg/L	0.46		
Bicarbonate	mg/L	42		
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	0.23		
Metals				
Aluminum	mg/L	0.016	2.9/<0.1	MAC/OG
Antimony	mg/L	0.00003	0.006	MAC
Arsenic	mg/L	0.0004	0.01	ALARA
Barium	mg/L	0.006	2	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.02	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	0.0057	2	MAC
Iron	mg/L	0.003	≤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	0.0021		
Nickel	mg/L	<0.0002		
Silicon	mg/L	2.3		

South Pender Water System - Water Potability Test Results

Date: August 13th, 2025

Location: Edgecombe 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	0.026	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	<0.00001	0.02	MAC
Vanadium	mg/L	<0.00005		
Zinc	mg/L	0.0022	≤5.0	AO
Zirconium	mg/L	<0.0001		
Volitile 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	<0.0001	0.09	MAC
4-Bromofluorobenzene	%	94		
Dibromofluoromethane	%	110		
Toluene-d8	%	110		

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

Egmont Water System - Water Potability Test Results

Date: August 13th, 2025

Location: Egmont Hall (EG-02)

Parameter	Units	EG-02	GCDWQ	
Routine Water Analysis			**Limit**	**Type**
pH		7.1	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	11		
Turbidity	NTU	0.26		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	32	≤500	AO
Phosphorus	mg/L	<0.005		
Bromide	mg/L	<0.02		
Chloride	mg/L	5.6	≤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	1.3	≤500	AO
Hardness	mg CaCO3/L	12	N/A	
Calcium	mg/L	4	N/A	
Magnesium	mg/L	0.49	N/A	
Potassium	mg/L	0.13		
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	<0.0005		
Sulfur	mg/L	0.38		
Metals				
Aluminum	mg/L	0.019	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	0.0026	2	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.005	5	MAC
Cadmium	mg/L	<0.00001	0.007	MAC
Chromium	mg/L	0.00008	0.05	MAC
Cobalt	mg/L	<0.00002		
Copper	mg/L	0.0042	2	MAC
Iron	mg/L	0.027	≤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	0.00051		
Nickel	mg/L	<0.0002		
Silicon	mg/L	2.3		

Egmont Water System - Water Potability Test Results

Date: August 13th, 2025

Location: Egmont Hall (EG-02)

Parameter	Units	EG-02	GCDWQ	
Metals Continued				
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	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	0.00018		
Zinc	mg/L	0.006	≤5.0	AO
Zirconium	mg/L	<0.0001		
Volitile 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	<0.001	0.09	MAC
4-Bromofluorobenzene	%	94		
Dibromofluoromethane	%	110		
Toluene-d8	%	110		

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

Cove Cay Water System - Water Potability Test Results

Date: August 13th, 2025

Location: Jervis Inlet Road (RL-03)

Parameter	Units	RL-03	GCDWQ	
Routine Water Analysis			**Limit**	**Type**
pH		7.16	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	15		
Turbidity	NTU	0.73		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	44	≤500	AO
Phosphorus	mg/L	<0.005		
Bromide	mg/L	<0.02		
Chloride	mg/L	5.7	≤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	2.1	≤500	AO
Hardness	mg CaCO3/L	16	N/A	
Calcium	mg/L	5.4	N/A	
Magnesium	mg/L	0.67	N/A	
Potassium	mg/L	0.27		
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	0.68		
Metals				
Aluminum	mg/L	0.007	2.9/<0.1	MAC/OG
Antimony	mg/L	0.00005	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	0.0028	2	MAC
Iron	mg/L	0.16	≤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	0.00052		
Nickel	mg/L	0.0003		
Silicon	mg/L	1.6		

Cove Cay Water System - Water Potability Test Results

Date: August 13th, 2025

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	0.015	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	0.00009		
Zinc	mg/L	0.0054	≤5.0	AO
Zirconium	mg/L	<0.0001		
Volitile 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	<0.001	0.09	MAC
4-Bromofluorobenzene	%	94		
Dibromofluoromethane	%	120		
Toluene-d8	%	110		

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

Chapman Water Treatment Plant - Water Potability Test Results

Date: August 6th, 2025

Location: Chamberlain Road (CH-26)

Parameter	Units	CH-26	GCDWQ	
Routine Water Analysis			**Limit**	**Type**
pH		7.51	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	37		
Turbidity	NTU	0.32		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	130	≤500	AO
Phosphorus	mg/L	0.062		
Bromide	mg/L	<0.02		
Chloride	mg/L	4.63	≤250	AO
Fluoride	mg/L	0.02	1.5	MAC
Nitrate - N	mg/L	0.29	10	MAC
Nitrite - N	mg/L	<0.01	1	MAC
Sulfate	mg/L	7.7	≤500	AO
Hardness	mg CaCO3/L	36	N/A	
Calcium	mg/L	8.6	N/A	
Magnesium	mg/L	3.5	N/A	
Potassium	mg/L	2.5		
Bicarbonate	mg/L	8.6		
Carbonate	mg/L	3.5		
Hydroxide	mg/L	2.5		
Manganese	mg/L	0.006	0.12	MAC
Selenium	mg/L	0.0006	0.05	MAC
Styrene	mg/L	<0.5		
Sulfur	mg/L	2.5		
Metals				
Aluminum	mg/L	0.007	2.9/<0.1	MAC/OG
Antimony	mg/L	0.00004	0.006	MAC
Arsenic	mg/L	0.0009	0.01	ALARA
Barium	mg/L	0.0066	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	0.00027	0.05	MAC
Cobalt	mg/L	0.00002		
Copper	mg/L	0.0094	2	MAC
Iron	mg/L	0.23	≤0.3	AO
Lead	mg/L	0.00021	0.005	ALARA
Lithium	mg/L	0.0007		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.0011		
Nickel	mg/L	<0.0002		
Silicon	mg/L	15		

Chapman Water Treatment Plant - Water Potability Test Results

Date: August 6th, 2025

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	0.029	7	MAC
Thallium	mg/L	<0.00001		
Thorium	mg/L	<0.00005		
Tin	mg/L	0.0002		
Titanium	mg/L	0.0003		
Uranium	mg/L	0.00008	0.02	MAC
Vanadium	mg/L	0.0052		
Zinc	mg/L	0.008	≤5.0	AO
Zirconium	mg/L	<0.0001		
Volitile 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	<0.001	0.09	MAC
4-Bromofluorobenzene	%	94		
Dibromofluoromethane	%	100		
Toluene-d8	%	120		

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: August 6th, 2025

Location: Maple Park (LA-04)

Parameter	Units	LA-04	GCDWQ	
Routine Water Analysis			**Limit**	**Type**
Phosphorus - Total	mg/L	0.017		
Turbidity	NTU	0.26		
pH		7.4	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	3.51	≤250	AO
Nitrate - N	mg/L	0.21	10	MAC
Nitrite - N	mg/L	<0.01	1.0	MAC
Sulfate	mg/L	11.8	≤500	AO
Hardness	mg CaCO3/L	45	N/A	
Salinity	g/L	0.018		
Calcium	mg/L	9.2	N/A	
Magnesium	mg/L	5.2	N/A	
Bicarbonate	mg/L	46		
Carbonate	mg/L	<6		
Potassium	mg/L	2.8		
Hydroxide	mg/L	<5		
Chemical Oxygen Demand	mg/L	30		
Manganese	mg/L	0.003	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	0.0034	0.01	ALARA
Barium	mg/L	0.0029	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	0.047	2.0	MAC
Iron	mg/L	0.039	≤0.3	AO
Lead	mg/L	0.0003	0.005	ALARA
Lithium	mg/L	0.0013		
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: August 6th, 2025

Location: Maple Park (LA-04)

Parameter	Units	LA-04	GCDWQ	
Metals Continued				
Silicon	mg/L	18		
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	7.2	≤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	0.00009	0.02	MAC
Vanadium	mg/L	0.0039		
Zinc	mg/L	0.020	≤5.0	MAC
Zirconium	mg/L	<0.0001		
Volitile 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	<0.001	0.09	MAC
4-Bromofluorobenzene	%	93		
Dibromofluoromethane	%	110		
Toluene-d8	%	110		
VPHw (VHw6-10 minus BTEX)	mg/L	<0.1		
VHw6-10	mg/L	<0.1		

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

Soames Water System - Water Potability Test Results

Date: Agust 6th, 2025

Location: Marine Drive (SO-03)

Parameter	Units	SO-03	GCDWQ	
Routine Water Analysis			**Limit**	**Type**
Phosphorus - Total	mg/L	0.040		
Turbidity	NTU	0.17		
pH		7.50	7.0-10.5	OG
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	49		
Kjeldahl Nitrogen	mg/L	<0.07		
Organic Carbon	mg/L	<0.5		
Ammonia - N	mg/L	<0.025	N/A	
Chloride	mg/L	7.47	≤250	AO
Nitrate - N	mg/L	0.73	10	MAC
Nitrite - N	mg/L	<0.01	1.0	MAC
Sulfate	mg/L	8.7	≤500	AO
Hardness	mg CaCO3/L	57	N/A	
Salinity	g/L	0.019		
Calcium	mg/L	11	N/A	
Magnesium	mg/L	6.9	N/A	
Bicarbonate	mg/L	59		
Carbonate	mg/L	<6		
Potassium	mg/L	3.3		
Hydroxide	mg/L	<5		
Chemical Oxygen Demand	mg/L	60		
Manganese	mg/L	<0.001	0.12	MAC
Selenium	mg/L	0.0004	0.05	MAC
Styrene	mg/L	<0.0005		
Sulfur	mg/L	3.0		
Metals				
Aluminum	mg/L	<0.001	2.9/<0.1	MAC/OG
Antimony	mg/L	0.00003	0.006	MAC
Arsenic	mg/L	0.0024	0.01	ALARA
Barium	mg/L	0.0052	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	0.00046	0.05	MAC
Cobalt	mg/L	<0.00002		
Copper	mg/L	0.0064	2.0	MAC
Iron	mg/L	<0.002	≤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: Agust 6th, 2025

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	20		
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	7.4	≤200	AO
Strontium	mg/L	0.035	7.0	MAC
Thallium	mg/L	<0.00001		
Tin	mg/L	<0.0001		
Titanium	mg/L	<0.0001		
Uranium	mg/L	0.00025	0.02	MAC
Vanadium	mg/L	0.0088		
Zinc	mg/L	0.0045	≤5.0	MAC
Zirconium	mg/L	<0.0001		
Volitile 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	<0.001	0.09	MAC
4-Bromofluorobenzene	%	90		
Dibromofluoromethane	%	110		
Toluene-d8	%	96.0		
VPHw (VHw6-10 minus BTEX)	mg/L	<0.1		
VHw6-10	mg/L	<0.1		

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: August 12, 2025

Location: West End (20.3)

Parameter	Units	20.3	GCDWQ	
Routine Water Analysis			**Limit**	**Type**
Phosphorus - Total	mg/L	<0.005		
Turbidity	NTU	1.76		
pH		7.04	7.0-10.5	OG
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	31		
Kjeldahl Nitrogen	mg/L	<0.07		
Organic Carbon	mg/L	<0.5		
Ammonia - N	mg/L	<0.025	N/A	
Chloride	mg/L	7.5	≤250	AO
Nitrate - N	mg/L	0.43	10	MAC
Nitrite - N	mg/L	<0.01	1.0	MAC
Sulfate	mg/L	6.8	≤500	AO
Hardness	mg CaCO3/L	15	N/A	
Salinity	g/L	0.039		
Calcium	mg/L	4.1	N/A	
Magnesium	mg/L	1.1	N/A	
Bicarbonate	mg/L	38		
Carbonate	mg/L	<6		
Potassium	mg/L	0.70		
Hydroxide	mg/L	<5		
Chemical Oxygen Demand	mg/L	70		
Manganese	mg/L	0.002	0.12	MAC
Selenium	mg/L	<0.0002	0.05	MAC
Styrene	mg/L	<0.0005		
Sulfur	mg/L	2.6		
Metals				
Aluminum	mg/L	0.063	2.9/<0.1	MAC/OG
Antimony	mg/L	0.0001	0.006	MAC
Arsenic	mg/L	0.0015	0.01	ALARA
Barium	mg/L	0.012	2.0	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.072	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	0.064	2.0	MAC
Iron	mg/L	0.35	≤0.3	AO
Lead	mg/L	0.006	0.005	ALARA
Lithium	mg/L	0.0009		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.00029		
Nickel	mg/L	0.0006		

Eastbourne Water System - Water Potability Test Results

Date: August 12, 2025

Location: West End (20.3)

Parameter	Units	20.3	GCDWQ	
Metals Continued				
Silicon	mg/L	9.9		
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	15.0	≤200	AO
Strontium	mg/L	0.047	7.0	MAC
Thallium	mg/L	<0.00001		
Tin	mg/L	0.0004		
Titanium	mg/L	0.0001		
Uranium	mg/L	<0.00001	0.02	MAC
Vanadium	mg/L	0.00051		
Zinc	mg/L	0.0320	≤5.0	MAC
Zirconium	mg/L	<0.0001		
Volitile 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	<0.001	0.09	MAC
4-Bromofluorobenzene	%	96		
Dibromofluoromethane	%	120		
Toluene-d8	%	110		
VPHw (VHw6-10 minus BTEX)	mg/L	<0.1		
VHw6-10	mg/L	<0.1		

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