North Pender Water System - Water Potability Test Results

Date: January 28, 2025

Location: Daniel Point Reservoir (NP-05)

Parameter	Units	NP-05	GCDWQ	
Routine Water Analysis			**Limit**	**Type**
pH		6.95	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	16		
Turbidity	NTU	0.78		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	72	≤500	AO
Phosphorus	mg/L	0.01		
Bromide	mg/L	<0.02		
Chloride	mg/L	9.56	≤250	AO
Fluoride	mg/L	0.02	1.5	MAC
Nitrate - N	mg/L	0.04	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	5.3	N/A	
Magnesium	mg/L	0.89	N/A	
Potassium	mg/L	0.52		
Bicarbonate	mg/L	20		
Carbonate	mg/L	<6		
Hydroxide	mg/L	<5		
Manganese	mg/L	0.011	0.12	MAC
Selenium	mg/L	<0.0002	0.05	MAC
Styrene	mg/L	<0.0005		
Sulfur	mg/L	0.95		
Metals				
Aluminum	mg/L	0.019	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	0.009	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	0.0033	2	MAC
Iron	mg/L	0.12	≤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	3.1		

Water Potability Test Results

Date: January 28, 2025

Location: Daniel Point Reservoir (NP-05)

Parameter	Units	NP-05	GCDWQ	
Metals Continued				
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	8.2	≤200	AO
Strontium	mg/L	0.023	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	0.00011		
Zinc	mg/L	0.0055	≤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	%	99		
Dibromofluoromethane	%	100		
Toluene-d8	%	100		

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: January 28th, 2025

Location: Edgecombe Road (SP-03)

Parameter	Units	SP-03	GCDWQ	
Routine Water Analysis			**Limit**	**Type**
pH		7.24	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	26		
Turbidity	NTU	0.32		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	50	≤500	AO
Phosphorus	mg/L	<0.005		
Bromide	mg/L	<0.02		
Chloride	mg/L	12.1	≤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	1.4	≤500	AO
Hardness	mg CaCO3/L	10.5	N/A	
Calcium	mg/L	3.5	N/A	
Magnesium	mg/L	0.45	N/A	
Potassium	mg/L	0.53		
Bicarbonate	mg/L	32		
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	0.01	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	0.004	2	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.013	5	MAC
Cadmium	mg/L	<0.00001	0.007	MAC
Chromium	mg/L	0.00036	0.05	MAC
Cobalt	mg/L	<0.00002		
Copper	mg/L	0.0026	2	MAC
Iron	mg/L	0.011	≤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	0.0025		
Nickel	mg/L	<0.0002		
Silicon	mg/L	4.4		

South Pender Water System - Water Potability Test Results

Date: January 28th, 2025

Location: Edgecombe 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	0.018	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	0.00017		
Zinc	mg/L	0.0012	≤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	%	100		
Dibromofluoromethane	%	100		
Toluene-d8	%	100		

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: January 29, 2025

Location: Egmont Hall (EG-02)

Parameter	Units	EG-02	GCDWQ	
Routine Water Analysis			**Limit**	**Type**
pH		6.99	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	11		
Turbidity	NTU	0.34		
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	5.68	≤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	10.7	N/A	
Calcium	mg/L	3.6	N/A	
Magnesium	mg/L	0.4	N/A	
Potassium	mg/L	0.13		
Bicarbonate	mg/L	13		
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	0.5		
Metals				
Aluminum	mg/L	0.018	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	0.0027	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	0.00006	0.05	MAC
Cobalt	mg/L	<0.00002		
Copper	mg/L	0.012	2	MAC
Iron	mg/L	0.051	≤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	0.00054		
Nickel	mg/L	<0.0002		
Silicon	mg/L	2.1		

Egmont Water System - Water Potability Test Results

Date: January 29, 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	0.013	7	MAC
Thallium	mg/L	<0.00001		
Thorium	mg/L	<0.00005		
Tin	mg/L	0.0011		
Titanium	mg/L	0.0003		
Uranium	mg/L	0.00001	0.02	MAC
Vanadium	mg/L	0.00014		
Zinc	mg/L	0.0064	≤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	%	100		
Dibromofluoromethane	%	98		
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: January 29th, 2025

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	17		
Turbidity	NTU	0.38		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	28	≤500	AO
Phosphorus	mg/L	<0.005		
Bromide	mg/L	<0.02		
Chloride	mg/L	6.14	≤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	2.2	≤500	AO
Hardness	mg CaCO3/L	17	N/A	
Calcium	mg/L	5.8	N/A	
Magnesium	mg/L	0.57	N/A	
Potassium	mg/L	0.25		
Bicarbonate	mg/L	21		
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	0.79		
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	0.0032	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	0.00008	0.05	MAC
Cobalt	mg/L	<0.00002		
Copper	mg/L	0.0023	2	MAC
Iron	mg/L	0.086	≤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	0.00054		
Nickel	mg/L	<0.0002		
Silicon	mg/L	1.5		

Cove Cay Water System - Water Potability Test Results

Date: January 29th, 2025

Location: Jervis Inlet Road (RL-03)

Parameter	Units	RL-03	GCDWQ	
Metals Continued				
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	5.3	≤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	0.0002		
Uranium	mg/L	0.00001	0.02	MAC
Vanadium	mg/L	0.00005		
Zinc	mg/L	0.0072	≤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	%	100		
Dibromofluoromethane	%	100		
Toluene-d8	%	100		

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: January 29th, 2025

Location: Chamberlain Road (CH-26)

Parameter	Units	CH-26	GCDWQ	
Routine Water Analysis			**Limit**	**Type**
pH		7.67	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	21		
Turbidity	NTU	0.19		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	48	≤500	AO
Phosphorus	mg/L	<0.005		
Bromide	mg/L	<0.02		
Chloride	mg/L	13.5	≤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	≤500	AO
Hardness	mg CaCO3/L	9.2	N/A	
Calcium	mg/L	3.3	N/A	
Magnesium	mg/L	0.27	N/A	
Potassium	mg/L	0.1		
Bicarbonate	mg/L	25		
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	0.34		
Metals				
Aluminum	mg/L	0.025	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	0.0032	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	0.00009	0.05	MAC
Cobalt	mg/L	<0.00002		
Copper	mg/L	0.0011	2	MAC
Iron	mg/L	0.057	≤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	0.00013		
Nickel	mg/L	<0.0002		
Silicon	mg/L	2.3		

Chapman Water Treatment Plant - Water Potability Test Results

Date: January 29th, 2025

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	0.0097	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	0.00017		
Zinc	mg/L	0.0091	≤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	%	100		
Dibromofluoromethane	%	100		
Toluene-d8	%	100		

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: Januray 28th, 2025

Location: Maple Park (LA-04)

Parameter	Units	LA-04	GCDWQ	
Routine Water Analysis			**Limit**	**Type**
Phosphorus - Total	mg/L	0.053		
Turbidity	NTU	0.2		
pH		7.24	7.0-10.5	OG
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	37		
Kjeldahl Nitrogen	mg/L	<0.07		
Organic Carbon	mg/L	<0.5		
Ammonia - N	mg/L	<0.025	N/A	
Chloride	mg/L	3.36	≤250	AO
Nitrate - N	mg/L	0.19	10	MAC
Nitrite - N	mg/L	<0.01	1.0	MAC
Sulfate	mg/L	11.9	≤500	AO
Hardness	mg CaCO3/L	37	N/A	
Salinity	g/L	0.017		
Calcium	mg/L	7.5	N/A	
Magnesium	mg/L	4.4	N/A	
Bicarbonate	mg/L	45		
Carbonate	mg/L	<6		
Potassium	mg/L	2.2		
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	3.5		
Metals				
Aluminum	mg/L	<0.001	2.9/<0.1	MAC/OG
Antimony	mg/L	<0.00002	0.006	MAC
Arsenic	mg/L	0.0032	0.01	ALARA
Barium	mg/L	0.0026	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	0.00022	0.05	MAC
Cobalt	mg/L	<0.00002		
Copper	mg/L	0.022	2.0	MAC
Iron	mg/L	0.035	≤0.3	AO
Lead	mg/L	0.00007	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: Januray 28th, 2025

Location: Maple Park (LA-04)

Parameter	Units	LA-04	GCDWQ	
Metals Continued				
Silicon	mg/L	15		
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	6.6	≤200	AO
Strontium	mg/L	0.030	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	0.0033		
Zinc	mg/L	0.004	≤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	%	100		
Dibromofluoromethane	%	99		
Toluene-d8	%	100		
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: January 28th, 2025

Location: Marine Drive (SO-03)

Parameter	Units	SO-03	GCDWQ	
Routine Water Analysis			**Limit**	**Type**
Phosphorus - Total	mg/L	0.066		
Turbidity	NTU	0.18		
pH		7.38	7.0-10.5	OG
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	47		
Kjeldahl Nitrogen	mg/L	<0.07		
Organic Carbon	mg/L	<0.5		
Ammonia - N	mg/L	<0.025	N/A	
Chloride	mg/L	7.20	≤250	AO
Nitrate - N	mg/L	0.70	10	MAC
Nitrite - N	mg/L	<0.01	1.0	MAC
Sulfate	mg/L	9.1	≤500	AO
Hardness	mg CaCO3/L	51	N/A	
Salinity	g/L	0.018		
Calcium	mg/L	11	N/A	
Magnesium	mg/L	6.0	N/A	
Bicarbonate	mg/L	57		
Carbonate	mg/L	<6		
Potassium	mg/L	2.9		
Hydroxide	mg/L	<5		
Chemical Oxygen Demand	mg/L	<10		
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	<0.001	2.9/<0.1	MAC/OG
Antimony	mg/L	0.00003	0.006	MAC
Arsenic	mg/L	0.0022	0.01	ALARA
Barium	mg/L	0.0048	2.0	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.005	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	0.0023	2.0	MAC
Iron	mg/L	0.003	≤0.3	AO
Lead	mg/L	0.00007	0.005	ALARA
Lithium	mg/L	0.0011		
Mercury	mg/L	<0.00001	0.001	MAC

Soames Water System - Water Potability Test Results

Date: January 28th, 2025

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	7.2	≤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	0.00021	0.02	MAC
Vanadium	mg/L	0.0077		
Zinc	mg/L	0.0017	≤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	%	100		
Dibromofluoromethane	%	100		
Toluene-d8	%	100		
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: February 14th, 2025

Location: West End (20.3)

Parameter	Units	20.3	GCDWQ	
Routine Water Analysis			**Limit**	**Type**
Phosphorus - Total	mg/L	<0.005		
Turbidity	NTU	0.22		
pH		6.35	7.0-10.5	OG
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	11		
Kjeldahl Nitrogen	mg/L	<0.07		
Organic Carbon	mg/L	<0.5		
Ammonia - N	mg/L	<0.025	N/A	
Chloride	mg/L	10.4	≤250	AO
Nitrate - N	mg/L	0.73	10	MAC
Nitrite - N	mg/L	<0.01	1.0	MAC
Sulfate	mg/L	4.0	≤500	AO
Hardness	mg CaCO3/L	20	N/A	
Salinity	g/L	0.013		
Calcium	mg/L	5.4	N/A	
Magnesium	mg/L	1.5	N/A	
Bicarbonate	mg/L	14		
Carbonate	mg/L	<6		
Potassium	mg/L	0.78		
Hydroxide	mg/L	<5		
Chemical Oxygen Demand	mg/L	<10		
Manganese	mg/L	0.003	0.12	MAC
Selenium	mg/L	<0.0002	0.05	MAC
Styrene	mg/L	<0.5		
Sulfur	mg/L	1.3		
Metals				
Aluminum	mg/L	0.025	2.9/<0.1	MAC/OG
Antimony	mg/L	0.00003	0.006	MAC
Arsenic	mg/L	<0.0001	0.01	ALARA
Barium	mg/L	0.016	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	0.00005	0.05	MAC
Cobalt	mg/L	0.00006		
Copper	mg/L	0.022	2.0	MAC
Iron	mg/L	0.08	≤0.3	AO
Lead	mg/L	0.0022	0.005	ALARA
Lithium	mg/L	<0.0005		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.00003		
Nickel	mg/L	0.0003		

Eastbourne Water System - Water Potability Test Results

Date: February 14th, 2025

Location: West End (20.3)

Parameter	Units	20.3	GCDWQ	
Metals Continued				
Silicon	mg/L	7.8		
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	5.2	≤200	AO
Strontium	mg/L	0.052	7.0	MAC
Thallium	mg/L	<0.00001		
Tin	mg/L	<0.0001		
Titanium	mg/L	<0.0001		
Uranium	mg/L	<0.0001	0.02	MAC
Vanadium	mg/L	0.00057		
Zinc	mg/L	0.0051	≤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	%	99		
Dibromofluoromethane	%	100		
Toluene-d8	%	97		
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