

North Pender Water System - Water Potability Test Results

Date: February 23, 2022

Location: Daniel Point Reservoir (NP-07)

Parameter	Units	NP-07	GCDWQ	
Routine Water Analysis			Limit	Type
pH		7.32	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	18		
Turbidity	NTU	0.29		
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	9.44	≤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	2.6	≤500	AO
Hardness	mg CaCO3/L	19	N/A	
Calcium	mg/L	5.9	N/A	
Magnesium	mg/L	0.96	N/A	
Potassium	mg/L	0.55		
Bicarbonate	mg/L	21		
Carbonate	mg/L	<6		
Hydroxide	mg/L	<5		
Manganese	mg/L	0.005	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	0.029	<0.1	OG
Antimony	mg/L	0.00005	0.006	MAC
Arsenic	mg/L	0.0002	0.01	ALARA
Barium	mg/L	0.004	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	0.003	2	MAC
Iron	mg/L	0.097	≤0.3	AO
Lead	mg/L	0.00014	0.005	ALARA
Lithium	mg/L	<0.0005		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.0016		
Nickel	mg/L	0.0003		
Silicon	mg/L	3.2		

Water Potability Test Results

Date: February 23, 2022

Location: Daniel Point Reservoir (NP-07)

Parameter	Units	NP-07	GCDWQ	
Metals Continued				
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	8.6	≤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	<0.002		
Uranium	mg/L	0.00003	0.02	MAC
Vanadium	mg/L	0.00042		
Zinc	mg/L	0.044	≤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	%	96.3		
Dibromofluoromethane	%	114		
Toluene-d8	%	94.1		

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

South Pender Water System - Water Potability Test Results

Date: February 23, 2022

Location: Edgcombe Road (SP-03)

Parameter	Units	SP-03	GCDWQ	
Routine Water Analysis			Limit	Type
pH		7.62	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	33		
Turbidity	NTU	<0.10		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	92	≤500	AO
Phosphorus	mg/L	<0.005		
Bromide	mg/L	<0.02		
Chloride	mg/L	9.64	≤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	1.2	≤500	AO
Hardness	mg CaCO ₃ /L	12	N/A	
Calcium	mg/L	4.1	N/A	
Magnesium	mg/L	0.49	N/A	
Potassium	mg/L	0.58		
Bicarbonate	mg/L	40		
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	0.01	<0.1	OG
Antimony	mg/L	0.00002	0.006	MAC
Arsenic	mg/L	0.0003	0.01	ALARA
Barium	mg/L	0.0052	2	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.016	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	0.0018	2	MAC
Iron	mg/L	0.014	≤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	0.0036		
Nickel	mg/L	0.0002		
Silicon	mg/L	4.5		

South Pender Water System - Water Potability Test Results

Date: February 23, 2022

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	0.019	7	MAC
Thallium	mg/L	<0.00001		
Thorium	mg/L	<0.00005		
Tin	mg/L	0.0016		
Titanium	mg/L	<0.002		
Uranium	mg/L	<0.00001	0.02	MAC
Vanadium	mg/L	0.00056		
Zinc	mg/L	0.023	≤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	%	95.6		
Dibromofluoromethane	%	116		
Toluene-d8	%	89		

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RDL = Reportable Detection Limit

mg/L = Milligrams per Liter

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Egmont Water System - Water Potability Test Results

Date: February 23, 2022

Location: Egmont Hall (EG-02)

Parameter	Units	EG-02	GCDWQ	
Routine Water Analysis			Limit	Type
pH		7.3	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	12		
Turbidity	NTU	0.49		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	46	≤500	AO
Phosphorus	mg/L	<0.005		
Bromide	mg/L	<0.02		
Chloride	mg/L	5.61	≤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	1	≤500	AO
Hardness	mg CaCO ₃ /L	14	N/A	
Calcium	mg/L	4.7	N/A	
Magnesium	mg/L	0.44	N/A	
Potassium	mg/L	0.13		
Bicarbonate	mg/L	15		
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	0.49		
Metals				
Aluminum	mg/L	0.025	<0.1	OG
Antimony	mg/L	0.00002	0.006	MAC
Arsenic	mg/L	0.0003	0.01	ALARA
Barium	mg/L	0.0036	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	0.00006	0.05	MAC
Cobalt	mg/L	<0.00002		
Copper	mg/L	0.0043	2	MAC
Iron	mg/L	0.091	≤0.3	AO
Lead	mg/L	0.00014	0.005	ALARA
Lithium	mg/L	<0.0005		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.0005		
Nickel	mg/L	0.0006		
Silicon	mg/L	2.4		

Egmont Water System - Water Potability Test Results

Date: February 23, 2022

Location: Egmont Hall (EG-02)

Parameter	Units	EG-02	GCDWQ	
Metals Continued				
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	5.2	≤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	<0.002		
Uranium	mg/L	0.00001	0.02	MAC
Vanadium	mg/L	0.0005		
Zinc	mg/L	0.026	≤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	%	99.5		
Dibromofluoromethane	%	113		
Toluene-d8	%	92.5		

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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: February 23, 2022

Location: Jervis Inlet Road (RL-03)

Parameter	Units	RL-03	GCDWQ	
Routine Water Analysis			Limit	Type
pH		7.5	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	16		
Turbidity	NTU	0.23		
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	5.38	≤250	AO
Fluoride	mg/L	0.04	1.5	MAC
Nitrate - N	mg/L	0.02	10	MAC
Nitrite - N	mg/L	<0.01	1	MAC
Sulfate	mg/L	2	≤500	AO
Hardness	mg CaCO3/L	19	N/A	
Calcium	mg/L	6.4	N/A	
Magnesium	mg/L	0.69	N/A	
Potassium	mg/L	0.27		
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	0.80		
Metals				
Aluminum	mg/L	0.006	<0.1	OG
Antimony	mg/L	0.00004	0.006	MAC
Arsenic	mg/L	0.0005	0.01	ALARA
Barium	mg/L	0.0038	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	0.0025	2	MAC
Iron	mg/L	0.14	≤0.3	AO
Lead	mg/L	0.00006	0.005	ALARA
Lithium	mg/L	<0.0005		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.0005		
Nickel	mg/L	0.0003		
Silicon	mg/L	1.8		

Cove Cay Water System - Water Potability Test Results

Date: February 23, 2022

Location: Jervis Inlet Road (RL-03)

Parameter	Units	RL-03	GCDWQ	
Metals Continued				
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	5	≤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	<0.002		
Uranium	mg/L	0.00001	0.02	MAC
Vanadium	mg/L	0.00035		
Zinc	mg/L	0.025	≤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	%	97.4		
Dibromofluoromethane	%	109		
Toluene-d8	%	92.1		

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RDL = Reportable Detection Limit

mg/L = Milligrams per Liter

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Chapman Water Treatment Plant - Water Potability Test Results

Date: February 23, 2022

Location: Chamberlain Road (CH-26)

Parameter	Units	CH-26	GCDWQ	
Routine Water Analysis			Limit	Type
pH		7.88	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	110	≤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	0.03	10	MAC
Nitrite - N	mg/L	<0.01	1	MAC
Sulfate	mg/L	0.6	≤500	AO
Hardness	mg CaCO3/L	8.2	N/A	
Calcium	mg/L	2.8	N/A	
Magnesium	mg/L	0.26	N/A	
Potassium	mg/L	0.07		
Bicarbonate	mg/L	30		
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	0.31		
Metals				
Aluminum	mg/L	0.043	<0.1	OG
Antimony	mg/L	<0.00002	0.006	MAC
Arsenic	mg/L	<0.0001	0.01	ALARA
Barium	mg/L	0.0017	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	0.00015	0.05	MAC
Cobalt	mg/L	<0.00002		
Copper	mg/L	0.0014	2	MAC
Iron	mg/L	0.04	≤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	0.00014		
Nickel	mg/L	0.0004		
Silicon	mg/L	2.1		

Chapman Water Treatment Plant - Water Potability Test Results

Date: February 23, 2022

Location: Chamberlain Road (CH-26)

Parameter	Units	CH-26	GCDWQ	
Metals Continued				
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	14	≤200	AO
Strontium	mg/L	0.0087	7	MAC
Thallium	mg/L	<0.00001		
Thorium	mg/L	<0.00005		
Tin	mg/L	<0.0001		
Titanium	mg/L	<0.002		
Uranium	mg/L	<0.00001	0.02	MAC
Vanadium	mg/L	0.00049		
Zinc	mg/L	0.0011	≤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	%	96.9		
Dibromofluoromethane	%	110		
Toluene-d8	%	93.1		

ND = Not Detected

RDL = Reportable Detection Limit

mg/L = Milligrams per Liter

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Langdale Water System - Water Potability Test Results

Date: February 23, 2022

Location: Maple Park (LA-04)

Parameter	Units	LA-04	GCDWQ	
Routine Water Analysis			Limit	Type
pH		7.61	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	2.95	≤250	AO
Nitrate - N	mg/L	0.17	10	MAC
Nitrite - N	mg/L	<0.01	1.0	MAC
Sulfate	mg/L	12	≤500	AO
Hardness	mg CaCO ₃ /L	38	N/A	
Salinity	mg/L	16		
Calcium	mg/L	7.8	N/A	
Magnesium	mg/L	4.6	N/A	
Bicarbonate	mg/L	48		
Carbonate	mg/L	<6		
Potassium	mg/L	2.2		
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	<0.2	OG
Antimony	mg/L	<0.00002	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	0.00018	0.05	MAC
Cobalt	mg/L	NA		
Copper	mg/L	0.025	2.0	MAC
Iron	mg/L	0.047	≤0.3	AO
Lead	mg/L	0.0021	0.005	ALARA
Lithium	mg/L	0.0014		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.0027		
Nickel	mg/L	0.0009		
Silicon	mg/L	16		
Silver	mg/L	<0.00001	N/A	

Langdale Water System - Water Potability Test Results

Date: February 23, 2022

Location: Maple Park (LA-04)

Parameter	Units	LA-04	GCDWQ	
Metals Continued				
Sodium	mg/L	6.2	≤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	0.00008	0.02	MAC
Vanadium	mg/L	0.0037		
Zinc	mg/L	0.013	≤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	%	96.3		
Dibromofluoromethane	%	104.0		
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: February 23, 2022

Location: Marine Drive (SO-03)

Parameter	Units	SO-03	GCDWQ	
Routine Water Analysis			Limit	Type
pH		7.69	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	5.86	≤250	AO
Nitrate - N	mg/L	0.58	10	MAC
Nitrite - N	mg/L	<0.01	1.0	MAC
Sulfate	mg/L	8.2	≤500	AO
Hardness	mg CaCO ₃ /L	48	N/A	
Salinity	mg/L	17		
Calcium	mg/L	9.5	N/A	
Magnesium	mg/L	5.8	N/A	
Bicarbonate	mg/L	57		
Carbonate	mg/L	<6		
Potassium	mg/L	2.8		
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	2.8		
Metals				
Aluminum	mg/L	<0.001	<0.2	OG
Antimony	mg/L	0.00003	0.006	MAC
Arsenic	mg/L	0.0024	0.01	ALARA
Barium	mg/L	0.0043	2.0	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.005	5.0	MAC
Cadmium	mg/L	<0.00001	0.007	MAC
Chromium	mg/L	0.00042	0.05	MAC
Cobalt	mg/L	NA		
Copper	mg/L	0.0028	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
Molybdenum	mg/L	0.0014		
Nickel	mg/L	0.0005		
Silicon	mg/L	18		
Silver	mg/L	<0.00001	N/A	

Soames Water System - Water Potability Test Results

Date: February 23, 2022

Location: Marine Drive (SO-03)

Parameter	Units	SO-03	GCDWQ	
Metals Continued				
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	0.00018	0.02	MAC
Vanadium	mg/L	0.0084		
Zinc	mg/L	0.0029	≤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	%	96.0		
Dibromofluoromethane	%	106.0		
Toluene-d8	%	95.2		
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

Eastbourne Water System - Water Potability Test Results

Date: February 17, 2022

Location: West End (20.3)

Parameter	Units	20.3	GCDWQ	
Routine Water Analysis			Limit	Type
pH		6.85	7.0-10.5	OG
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	24		
Kjeldahl Nitrogen	mg/L	<0.07		
Organic Carbon	mg/L	<0.5		
Ammonia - N	mg/L	<0.025	N/A	
Chloride	mg/L	10	≤250	AO
Nitrate - N	mg/L	0.88	10	MAC
Nitrite - N	mg/L	<0.01	1.0	MAC
Sulfate	mg/L	5.2	≤500	AO
Hardness	mg CaCO ₃ /L	21	N/A	
Salinity	mg/L	29		
Calcium	mg/L	5.3	N/A	
Magnesium	mg/L	1.9	N/A	
Bicarbonate	mg/L	29		
Carbonate	mg/L	<6		
Potassium	mg/L	0.69		
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	1.9		
Metals				
Aluminum	mg/L	0.019	<0.2	OG
Antimony	mg/L	0.00006	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	0.039	5.0	MAC
Cadmium	mg/L	<0.00001	0.007	MAC
Chromium	mg/L	<0.00005	0.05	MAC
Cobalt	mg/L	NA		
Copper	mg/L	0.036	2.0	MAC
Iron	mg/L	0.01	≤0.3	AO
Lead	mg/L	0.00091	0.005	ALARA
Lithium	mg/L	0.0007		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.0002		
Nickel	mg/L	0.0005		
Silicon	mg/L	8.6		
Silver	mg/L	<0.00001	N/A	

Eastbourne Water System - Water Potability Test Results

Date: February 17, 2022

Location: West End (20.3)

Parameter	Units	20.3	GCDWQ	
Metals Continued				
Sodium	mg/L	11	≤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	<0.00001	0.02	MAC
Vanadium	mg/L	0.00029		
Zinc	mg/L	0.010	≤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	%	96.6		
Dibromofluoromethane	%	>120		
Toluene-d8	%	88.1		
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

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