North Pender Water System - Water Potability Test Results

Date: August 15/2022

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	19		
Turbidity	NTU	0.67		
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	11.6	≤250	AO
Fluoride	mg/L	0.04	1.5	MAC
Nitrate - N	mg/L	0.06	10	MAC
Nitrite - N	mg/L	<0.01	1	MAC
Sulfate	mg/L	2.7	≤500	AO
Hardness	mg CaCO3/L	19	N/A	
Calcium	mg/L	5.9	N/A	
Magnesium	mg/L	0.97	N/A	
Potassium	mg/L	0.67		
Bicarbonate	mg/L	23		
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	0.026	<0.1	OG
Antimony	mg/L	0.00003	0.006	MAC
Arsenic	mg/L	0.0003	0.01	ALARA
Barium	mg/L	0.0037	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	0.00007	0.05	MAC
Cobalt	mg/L	0.00004		
Copper	mg/L	0.0042	2	MAC
Iron	mg/L	0.17	≤0.3	AO
Lead	mg/L	0.00033	0.005	ALARA
Lithium	mg/L	<0.0005		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.0014		

Water Potability Test Results

Date: August 15/2022

Location: Daniel Point Reservoir (NP-07)

Parameter	Units	NP-07	GCDWQ	
Metals Continued				
Nickel	mg/L	<0.0002		
Silicon	mg/L	3.6		
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	10	≤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	0.0002		
Uranium	mg/L	0.00002	0.02	MAC
Vanadium	mg/L	0.00019		
Zinc	mg/L	0.0095	≤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	%	104		
Dibromofluoromethane	%	103		
Toluene-d8	%	98.4		

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 17, 2022

Location: Edgecombe Road (SP-03)

Parameter	Units	SP-03	GCDWQ	
Routine Water Analysis			**Limit**	**Type**
pH		7.13	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	36	≤500	AO
Phosphorus	mg/L	<0.005		
Bromide	mg/L	<0.02		
Chloride	mg/L	6.91	≤250	AO
Fluoride	mg/L	0.03	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	13	N/A	
Calcium	mg/L	4.2	N/A	
Magnesium	mg/L	0.61	N/A	
Potassium	mg/L	0.41		
Bicarbonate	mg/L	40		
Carbonate	mg/L	<6		
Hydroxide	mg/L	<5		
Manganese	mg/L	0.02	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	0.016	<0.1	OG
Antimony	mg/L	0.00002	0.006	MAC
Arsenic	mg/L	0.0003	0.01	ALARA
Barium	mg/L	0.0055	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	0.00007	0.05	MAC
Cobalt	mg/L	0.00006		
Copper	mg/L	0.004	2	MAC
Iron	mg/L	0.01	≤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	0.0019		

South Pender Water System - Water Potability Test Results

Date: August 17, 2022

Location: Edgecombe Road (SP-03)

Parameter	Units	SP-03	GCDWQ	
Metals Continued				
Nickel	mg/L	<0.0002		
Silicon	mg/L	3.1		
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	14	≤200	AO
Strontium	mg/L	0.022	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	0.00015		
Zinc	mg/L	0.0017	≤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	%	98.3		
Dibromofluoromethane	%	105		
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

Egmont Water System - Water Potability Test Results

Date: 15-Aug-22

Location: Egmont Hall (EG-02)

Parameter	Units	EG-02	GCDWQ	
Routine Water Analysis			**Limit**	**Type**
pH		6.41	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	8		
Turbidity	NTU	0.45		
Colour	TCU	5	≤15	AO
Total Dissolved Solids	mg/L	<5	≤500	AO
Phosphorus	mg/L	<0.005		
Bromide	mg/L	<0.02		
Chloride	mg/L	0.88	≤250	AO
Fluoride	mg/L	0.03	1.5	MAC
Nitrate - N	mg/L	0.01	10	MAC
Nitrite - N	mg/L	<0.01	1	MAC
Sulfate	mg/L	1.3	≤500	AO
Hardness	mg CaCO3/L	9.5	N/A	
Calcium	mg/L	3.1	N/A	
Magnesium	mg/L	0.42	N/A	
Potassium	mg/L	0.07		
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	<0.0005		
Sulfur	mg/L	0.47		
Metals				
Aluminum	mg/L	0.021	<0.1	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	0.004	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	0.0048	2	MAC
Iron	mg/L	0.007	≤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	0.00045		

Egmont Water System - Water Potability Test Results

Date: 15-Aug-22

Location: Egmont Hall (EG-02)

Parameter	Units	EG-02	GCDWQ	
Metals Continued				
Nickel	mg/L	<0.0002		
Silicon	mg/L	2.2		
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	1.5	≤200	AO
Strontium	mg/L	0.011	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	0.00013		
Zinc	mg/L	0.0038	≤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	%	103		
Dibromofluoromethane	%	97.4		
Toluene-d8	%	105		

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: 15-Aug-22

Location: Jervis Inlet Road (RL-03)

Parameter	Units	RL-03	GCDWQ	
Routine Water Analysis			**Limit**	**Type**
pH		6.86	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	14		
Turbidity	NTU	0.32		
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	5.81	≤250	AO
Fluoride	mg/L	0.03	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	4.9	N/A	
Magnesium	mg/L	0.57	N/A	
Potassium	mg/L	0.09		
Bicarbonate	mg/L	17		
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	0.79		
Metals				
Aluminum	mg/L	0.006	<0.1	OG
Antimony	mg/L	0.00005	0.006	MAC
Arsenic	mg/L	0.0004	0.01	ALARA
Barium	mg/L	0.0027	2	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.010	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	0.0032	2	MAC
Iron	mg/L	0.083	≤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	0.00051		

Cove Cay Water System - Water Potability Test Results

Date: 15-Aug-22

Location: Jervis Inlet Road (RL-03)

Parameter	Units	RL-03	GCDWQ	
Metals Continued				
Nickel	mg/L	<0.0002		
Silicon	mg/L	1.3		
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	5.5	≤200	AO
Strontium	mg/L	0.013	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	0.00013		
Zinc	mg/L	0.0074	≤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	%	97.9		
Dibromofluoromethane	%	98.9		
Toluene-d8	%	105		

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 23, 2022

Location: Chamberlain Road (CH-26)

Parameter	Units	CH-26	GCDWQ	
Routine Water Analysis			**Limit**	**Type**
pH		7.39	7.0-10.5	
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	20		
Turbidity	NTU	0.31		
Colour	TCU	<5	≤15	AO
Total Dissolved Solids	mg/L	34	≤500	AO
Phosphorus	mg/L	<0.005		
Bromide	mg/L	<0.02		
Chloride	mg/L	4.57	≤250	AO
Fluoride	mg/L	0.04	1.5	MAC
Nitrate - N	mg/L	0.12	10	MAC
Nitrite - N	mg/L	<0.01	1	MAC
Sulfate	mg/L	2.2	≤500	AO
Hardness	mg CaCO3/L	14	N/A	
Calcium	mg/L	4.7	N/A	
Magnesium	mg/L	0.58	N/A	
Potassium	mg/L	0.38		
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	<0.0005		
Sulfur	mg/L	0.74		
Metals				
Aluminum	mg/L	0.046	<0.1	OG
Antimony	mg/L	0.00003	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	<0.002	5	MAC
Cadmium	mg/L	<0.00001	0.007	MAC
Chromium	mg/L	0.00009	0.05	MAC
Cobalt	mg/L	0.00007		
Copper	mg/L	0.015	2	MAC
Iron	mg/L	0.046	≤0.3	AO
Lead	mg/L	0.00053	0.005	ALARA
Lithium	mg/L	<0.0005		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.0003		

Chapman Water Treatment Plant - Water Potability Test Results

Date: August 23, 2022

Location: Chamberlain Road (CH-26)

Parameter	Units	CH-26	GCDWQ	
Metals Continued				
Nickel	mg/L	<0.0002		
Silicon	mg/L	3		
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	6.7	≤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	0.00093		
Zinc	mg/L	0.0024	≤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	%	96.7		
Dibromofluoromethane	%	108		
Toluene-d8	%	99.3		

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: 23-Aug-22

Location: Maple Park (LA-04)

Parameter	Units	LA-04	GCDWQ	
Routine Water Analysis			**Limit**	**Type**
pH		7.19	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	2.88	≤250	AO
Nitrate - N	mg/L	0.22	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	mg/L	0.016		
Calcium	mg/L	7.4	N/A	
Magnesium	mg/L	4.6	N/A	
Bicarbonate	mg/L	46		
Carbonate	mg/L	<6		
Potassium	mg/L	2.4		
Hydroxide	mg/L	<5		
Chemical Oxygen Demand	mg/L	<5		
Manganese	mg/L	0.004	0.12	MAC
Selenium	mg/L	0.0003	0.05	MAC
Styrene	mg/L	<0.0005		
Sulfur	mg/L	3.7		
Metals				
Aluminum	mg/L	<0.01	<0.2	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	0.008	5.0	MAC
Cadmium	mg/L	0.00002	0.007	MAC
Chromium	mg/L	0.00017	0.05	MAC
Cobalt	mg/L	<0.00002		
Copper	mg/L	0.040	2.0	MAC
Iron	mg/L	0.041	≤0.3	AO
Lead	mg/L	0.00036	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: 23-Aug-22

Location: Maple Park (LA-04)

Parameter	Units	LA-04	GCDWQ	
Metals Continued				
Silicon	mg/L	16		
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	6.4	≤200	AO
Strontium	mg/L	0.031	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	0.0041		
Zinc	mg/L	0.016	≤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	<0.0005	0.09	MAC
4-Bromofluorobenzene	%	98.9		
Dibromofluoromethane	%	112		
Toluene-d8	%	96		
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

Soames Water System - Water Potability Test Results

Date: 23-Aug-22

Location: Marine Drive (SO-03)

Parameter	Units	SO-03	GCDWQ	
Routine Water Analysis			**Limit**	**Type**
pH		7.32	7.0-10.5	OG
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	46		
Kjeldahl Nitrogen	mg/L	<0.07		
Organic Carbon	mg/L	<0.5		
Ammonia - N	mg/L	<0.025	N/A	
Chloride	mg/L	5.64	≤250	AO
Nitrate - N	mg/L	0.62	10	MAC
Nitrite - N	mg/L	<0.01	1.0	MAC
Sulfate	mg/L	8.9	≤500	AO
Hardness	mg CaCO3/L	47	N/A	
Salinity	mg/L	0.017		
Calcium	mg/L	9.4	N/A	
Magnesium	mg/L	5.8	N/A	
Bicarbonate	mg/L	56		
Carbonate	mg/L	<6		
Potassium	mg/L	2.8		
Hydroxide	mg/L	<5		
Chemical Oxygen Demand	mg/L	<5		
Manganese	mg/L	<0.001	0.12	MAC
Selenium	mg/L	0.0005	0.05	MAC
Styrene	mg/L	<0.0005		
Sulfur	mg/L	2.9		
Metals				
Aluminum	mg/L	0.002	<0.2	OG
Antimony	mg/L	0.00003	0.006	MAC
Arsenic	mg/L	0.0025	0.01	ALARA
Barium	mg/L	0.0047	2.0	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.005	5.0	MAC
Cadmium	mg/L	0.00002	0.007	MAC
Chromium	mg/L	0.00041	0.05	MAC
Cobalt	mg/L	<0.00002		
Copper	mg/L	0.0041	2.0	MAC
Iron	mg/L	<0.002	≤0.3	AO
Lead	mg/L	0.00015	0.005	ALARA
Lithium	mg/L	0.0010		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.0014		
Nickel	mg/L	<0.0002		

Soames Water System - Water Potability Test Results

Date: 23-Aug-22

Location: Marine Drive (SO-03)

Parameter	Units	SO-03	GCDWQ	
Metals Continued				
Silicon	mg/L	18		
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	6.7	≤200	AO
Strontium	mg/L	0.031	7.0	MAC
Thallium	mg/L	<0.00001		
Tin	mg/L	<0.0001		
Titanium	mg/L	<0.0001		
Uranium	mg/L	0.00019	0.02	MAC
Vanadium	mg/L	0.0091		
Zinc	mg/L	0.0071	≤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	<0.0005	0.09	MAC
4-Bromofluorobenzene	%	106		
Dibromofluoromethane	%	109		
Toluene-d8	%	95.3		
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: August 30, 2022

Location: West End (20.3)

Parameter	Units	20.3	GCDWQ	
Routine Water Analysis			**Limit**	**Type**
pH		6.98	7.0-10.5	OG
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	34		
Kjeldahl Nitrogen	mg/L	<0.07		
Organic Carbon	mg/L	<0.5		
Ammonia - N	mg/L	<0.025	N/A	
Chloride	mg/L	7.16	≤250	AO
Nitrate - N	mg/L	0.55	10	MAC
Nitrite - N	mg/L	<0.01	1.0	MAC
Sulfate	mg/L	8.5	≤500	AO
Hardness	mg CaCO3/L	18	N/A	
Salinity	mg/L	0.042		
Calcium	mg/L	4.9	N/A	
Magnesium	mg/L	1.4	N/A	
Bicarbonate	mg/L	42		
Carbonate	mg/L	<6		
Potassium	mg/L	0.79		
Hydroxide	mg/L	<5		
Chemical Oxygen Demand	mg/L	10		
Manganese	mg/L	<0.001	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	0.009	<0.2	OG
Antimony	mg/L	0.00011	0.006	MAC
Arsenic	mg/L	0.0003	0.01	ALARA
Barium	mg/L	0.011	2.0	MAC
Beryllium	mg/L	<0.00005		
Bismuth	mg/L	<0.0001		
Boron	mg/L	0.065	5.0	MAC
Cadmium	mg/L	<0.00001	0.007	MAC
Chromium	mg/L	0.00006	0.05	MAC
Cobalt	mg/L	0.00005		
Copper	mg/L	0.051	2.0	MAC
Iron	mg/L	0.006	≤0.3	AO
Lead	mg/L	0.00062	0.005	ALARA
Lithium	mg/L	0.0009		
Mercury	mg/L	<0.00001	0.001	MAC
Molybdenum	mg/L	0.00032		
Nickel	mg/L	0.0004		

Eastbourne Water System - Water Potability Test Results

Date: August 30, 2022

Location: West End (20.3)

Parameter	Units	20.3	GCDWQ	
Metals Continued				
Silicon	mg/L	10		
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	16	≤200	AO
Strontium	mg/L	0.046	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	0.0004		
Zinc	mg/L	0.015	≤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	<0.0005	0.09	MAC
4-Bromofluorobenzene	%	104		
Dibromofluoromethane	%	119		
Toluene-d8	%	100		
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

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Chaster Water - Water Potability Test Results

Date: 23-Aug-22

Location: Chaster Well at Station (CW-01)

Parameter	Units	CW-01	GCDWQ	
Routine Water Analysis			**Limit**	**Type**
pH		7.22	7.0-10.5	OG
P-Alkalinity	mg/L	<5		
T-Alkalinity	mg/L	63		
Kjeldahl Nitrogen	mg/L	<0.07		
Organic Carbon	mg/L	<0.5		
Ammonia - N	mg/L	<0.025	N/A	
Chloride	mg/L	7.09	≤250	AO
Nitrate - N	mg/L	1.15	10	MAC
Nitrite - N	mg/L	<0.01	1.0	MAC
Sulfate	mg/L	7.6	≤500	AO
Hardness	mg CaCO3/L	60	N/A	
Salinity	mg/L	0.025		
Calcium	mg/L	9.6	N/A	
Magnesium	mg/L	8.9	N/A	
Bicarbonate	mg/L	77		
Carbonate	mg/L	<6		
Potassium	mg/L	3.0		
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	2.4		
Metals				
Aluminum	mg/L	<0.001	<0.2	OG
Antimony	mg/L	0.00003	0.006	MAC
Arsenic	mg/L	0.0018	0.01	ALARA
Barium	mg/L	0.0042	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	0.00033	0.05	MAC
Cobalt	mg/L	0.00004		
Copper	mg/L	0.0072	2.0	MAC
Iron	mg/L	0.055	≤0.3	AO
Lead	mg/L	0.00002	0.005	ALARA
Lithium	mg/L	0.0021		
Mercury	mg/L	0.00001	0.001	MAC
Molybdenum	mg/L	0.0014		
Nickel	mg/L	0.0003		

Chaster Water - Water Potability Test Results

Date: 23-Aug-22

Location: Chaster Well at Station (CW-01)

Parameter	Units	CW-01	GCDWQ	
Metals Continued				
Silicon	mg/L	22		
Silver	mg/L	<0.00001	N/A	
Sodium	mg/L	9.8	≤200	AO
Strontium	mg/L	0.043	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	0.012		
Zinc	mg/L	0.0044	≤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	<0.0005	0.09	MAC
4-Bromofluorobenzene	%	105		
Dibromofluoromethane	%	108		
Toluene-d8	%	95.6		
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

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