

## KEY TREATED DRINKING WATER PARAMETERS 2022

### SAMPLE LOCATION: ENTERING THE DISTRIBUTION SYSTEM

Treated Water Parameter	Units	City of Duncan Drinking Water Annual Range/Average	Limit/Guideline As defined by Island Health and/or the Guidelines for Canadian Drinking Water Quality September 2022
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#### GENERAL WATER CHEMISTRY

pH		6.57	6.5-8.5
Turbidity	NTU	0.15	<1.0
Free Chlorine	mg/L	0.07	≥0.2 and ≤4.0

#### INORGANIC PARAMETERS

Aluminium	mg/L	<0.003	<0.1
Arsenic	mg/L	<0.0001	0.010
Barium	mg/L	0.0037	2.0
Cadmium	mg/L	<0.00001	0.007
Calcium	mg/L	8.40	No limit
Chromium	mg/L	<0.001	0.05
Copper	mg/L	0.0073	≤2.0
Iron	mg/L	<0.005	≤0.3
Lead	mg/L	<0.0002	0.005
Magnesium	mg/L	0.882	No limit
Manganese	mg/L	<0.001	≤0.02
Nitrate-N	mg/L	0.073	10
Potassium	mg/L	0.20	No limit
Sodium	mg/L	2.035	≤200
Zinc	mg/L	0.008	≤5.0
Hardness (as CaCO <sub>3</sub> )	mg/L	24.6	No limit
Total Dissolved Solids	mg/L	35.40	≤500
Total (5) Haloacetic Acids	mg/L	0.005	0.08 (yearly running average)

### SAMPLE LOCATION: VARIOUS LOCATIONS WITHIN THE DISTRIBUTION SYSTEM

Treated Water Parameter	Units	City of Duncan Drinking Water Annual Range/Average	Limit/Guideline As defined by Island Health and/or the Guidelines for Canadian Drinking Water Quality September 2022
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#### INORGANIC PARAMETERS

Turbidity	NTU	0.19	<1.0
Free Chlorine	mg/L	0.08	≥0.2 and ≤4.0

#### MICROBIOLOGICAL

Parameter	Samples Collected	Samples Tested	Negative	Positive	% Pos
Total Coliform	192	184	179	7	3.80% of total
Escherichia coli	192	184	184	0	0.00% of total