

# Monthly Drinking Water Quality Dashboard



## Water Quality Operations

Capital Regional District | March 2026

### 1. Treated Water | Monthly Compliance

The following table summarizes the main regulatory parameters across the various transmission and distribution systems in the Greater Victoria Drinking Water System (GVDWS). Drinking water systems in British Columbia are required to comply with the BC Drinking Water Protection Regulation and are expected to operate in accordance with recognized industry standards.

Monthly Water Quality Compliance Results by Municipality								
Municipality	Required Samples	Actual Samples Collected	Percent Total Coliform Samples >1 CFU/100 ml	Total Coliform Samples >10 CFU/100 ml	E.coli Samples >1 CFU/100 mL	Turbidity Samples >1 NTU	Chlorine Residual Median mg/L	Water Temp. Median °C
Central Saanich	17	22	0	0	0	2	1.55	8.5
Saanich	94	97	0	0	0	0	1.47	8.7
North Saanich	13	19	0	0	0	0	1.36	8.8
Victoria / Esquimalt	93	106	0	0	0	0	1.50	9.0
Oak Bay	20	23	0	0	0	0	1.44	9.0
Sidney	14	16	0	0	0	0	1.53	8.8
Sooke / East Sooke	17	45	0	0	0	1	1.36	8.0
Westshore	82	84	0	0	0	0	1.43	8.8
Transmission Mains	n/a	78	0	0	0	0	1.81	7.1
Transmission Reservoirs	n/a	18	0	0	0	0	1.47	7.6
<b>Total</b>	<b>350</b>	<b>508</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>1.49</b>	<b>8.4</b>

**GREEN** – Compliance with industry and/or health standards

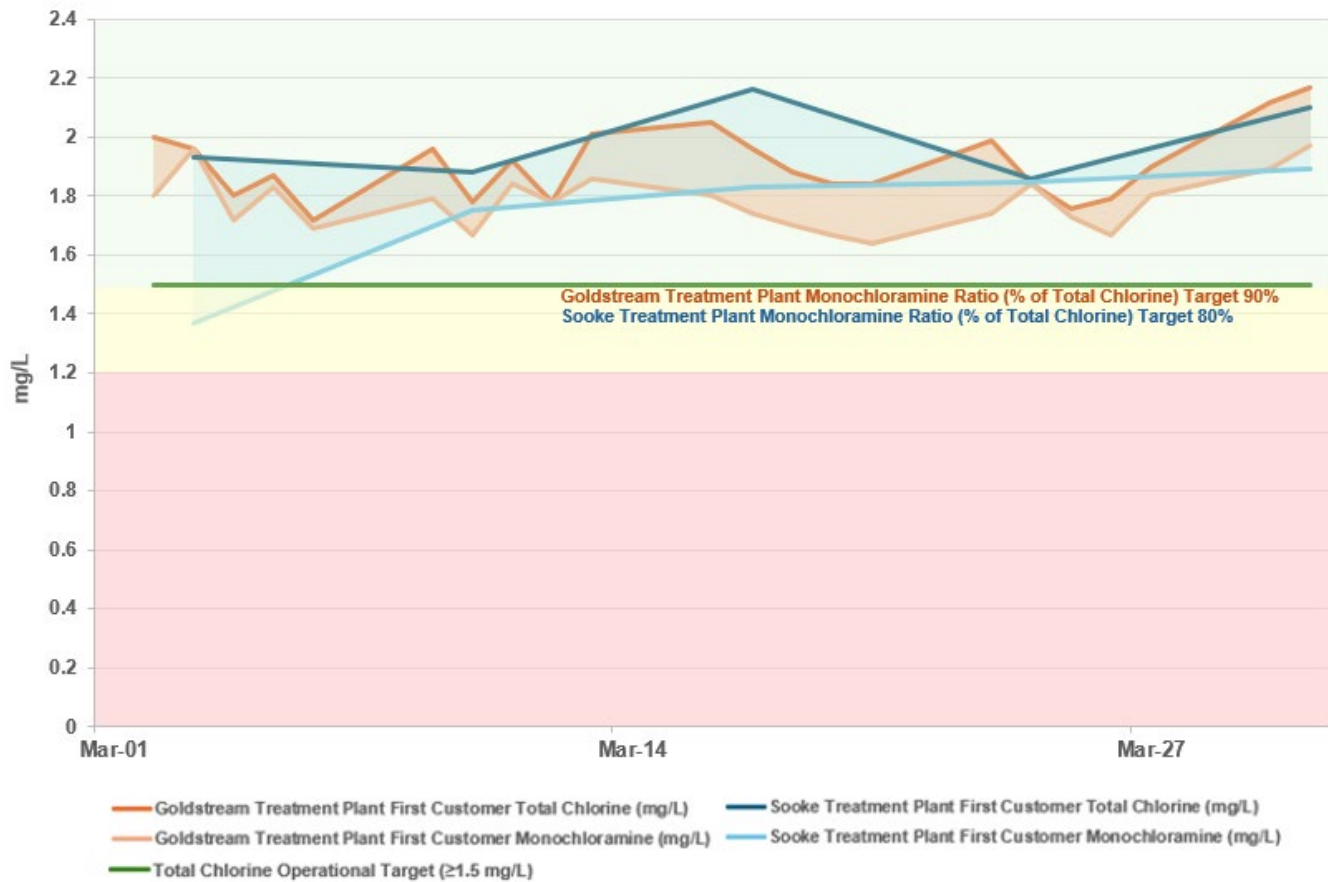
**YELLOW** – Exceedance of operational and/or aesthetic objectives

**RED** – Exceedance of industry and/or health standards

In March 2026, all GVDWS systems met provincial requirements and industry standards with overall excellent drinking water quality throughout. Two distribution system samples from Central Saanich and one from Sooke/East Sooke had slightly elevated turbidity. Likely causes of these aesthetic exceedances include seasonal main flushing activities or sediment accumulation during low-demand periods at system extremities. Targeted spot flushing was carried out to address them.

## 2. Treated Water | Goldstream Treatment Plant First Customer and Sooke Treatment Plant First Customer, Total Chlorine and Monochloramine

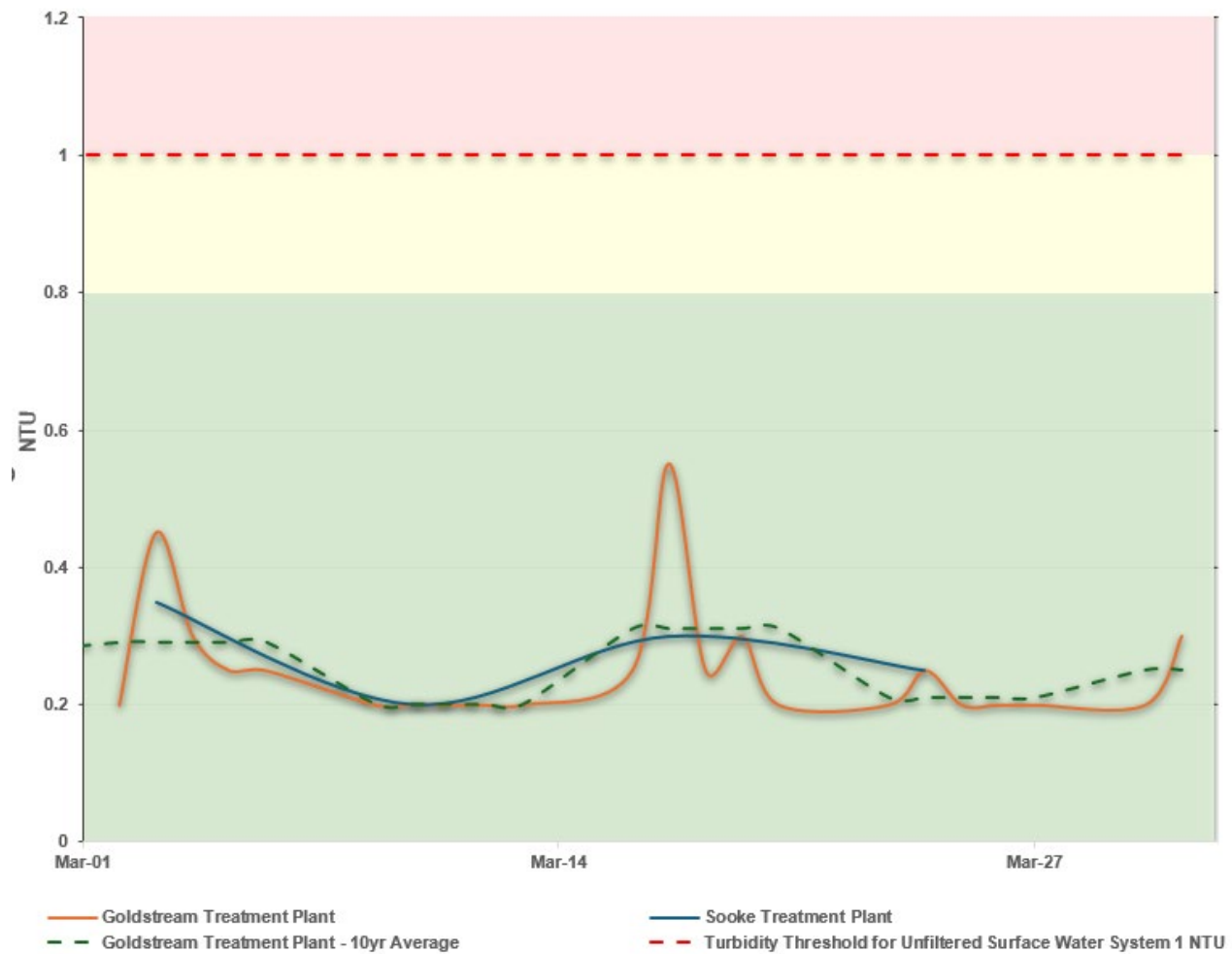
The following graph shows the daily measured total chlorine and monochloramine concentrations at the first treated water sampling stations downstream of the two CRD water treatment plants.



In March 2026, both plants met the target total chlorine concentration of 1.5 mg/L. The Sooke Treatment Plant fell slightly short of its monochloramine target (80%) during the first few days of the month but was within target range for the rest of the month. The Goldstream Treatment Plant met its monochloramine target (90%) on most days except for 4 days during mid March. The improvements were achieved by adjusting the ammonia - chlorine mixture at the treatment plants. Lower monochloramine ratios affect the chemical stability and longevity of the chloramines providing the secondary disinfection in the distribution systems.

### 3. Raw Water Turbidity | Goldstream Treatment Plant and Sooke Treatment Plant

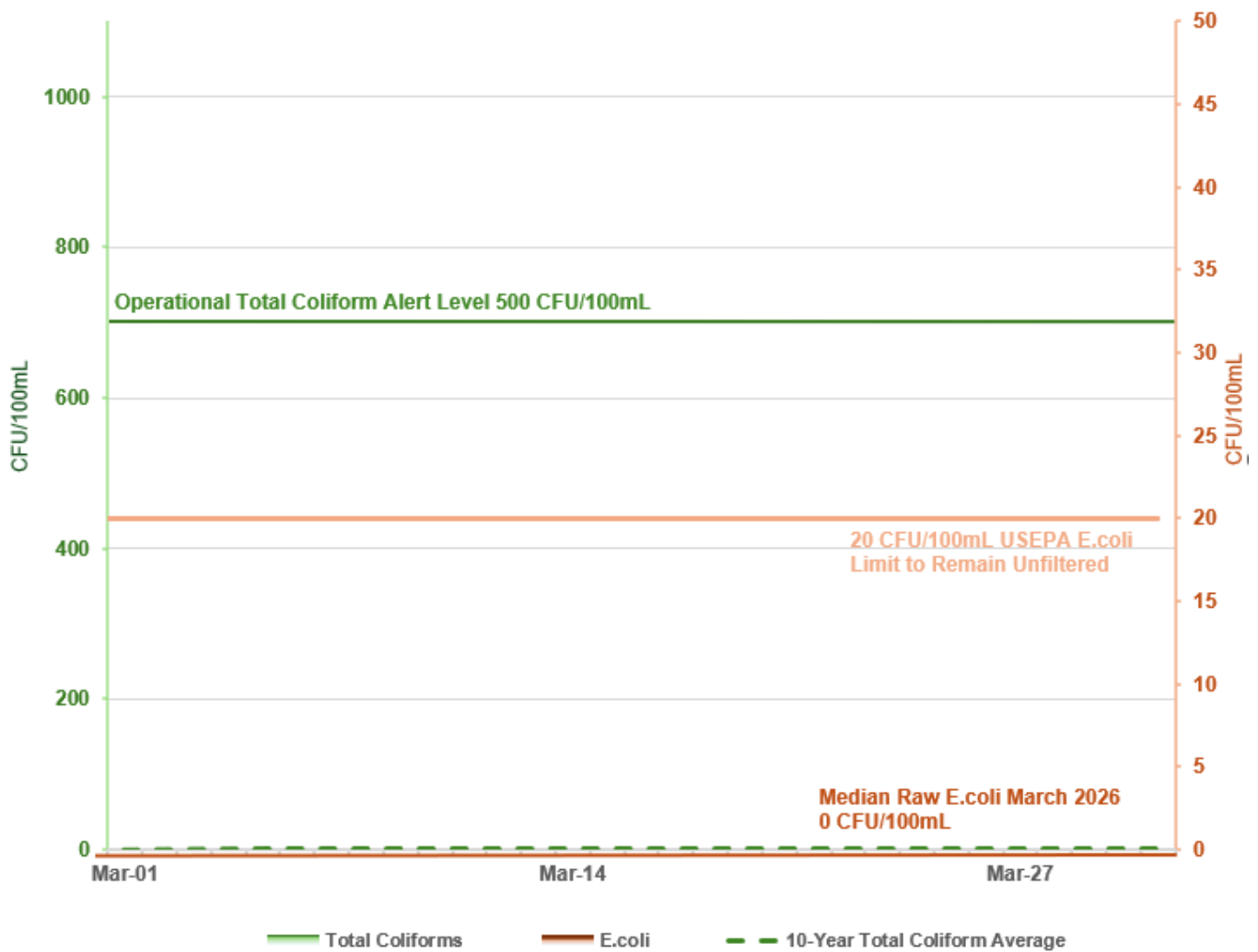
The following graph shows the raw water turbidity measured at both water treatment plants.



The GVDWS, an unfiltered surface water system, must consistently achieve turbidity levels under 1 NTU to meet regulatory standards. The turbidity levels at both plants were consistently low and well within compliance.

#### 4. Raw Water Biological Parameters | Total Coliforms and E. coli at Goldstream Treatment Plant

The following depicts the concentrations of key bacteria in the raw water.



As typical during the winter month, the concentrations of total coliform and E. coli bacteria in the raw water were extremely low and remained well below the USEPA limit for unfiltered surface water systems. The operational total coliform alert level was reduced from 1,000 to 500 CFU/100 mL following a risk review informed by 2025 summer data.