

Monthly Drinking Water Quality Dashboard

Water Quality Operations

Capital Regional District | May 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	23	0	0	0	0	1.57	8.4
Saanich	94	107	0	0	0	0	1.50	12.8
North Saanich	13	18	0	0	0	0	1.39	12.2
Victoria / Esquimalt	93	107	0	0	0	0	1.59	13.9
Oak Bay	20	23	0	0	0	0	1.50	11.2
Sidney	14	16	0	0	0	0	1.63	12.5
Sooke / East Sooke	17	33	3	0	0	0	1.54	13.3
Westshore	82	109	0	0	0	0	1.44	12.8
Transmission Mains	n/a	71	0	0	0	1	1.92	10.3
Transmission Reservoirs	n/a	20	0	0	0	0	1.60	11.1
Total	350	527	0.2	0	0	1	1.57	11.9

GREEN – Compliance with industry and/or health standards

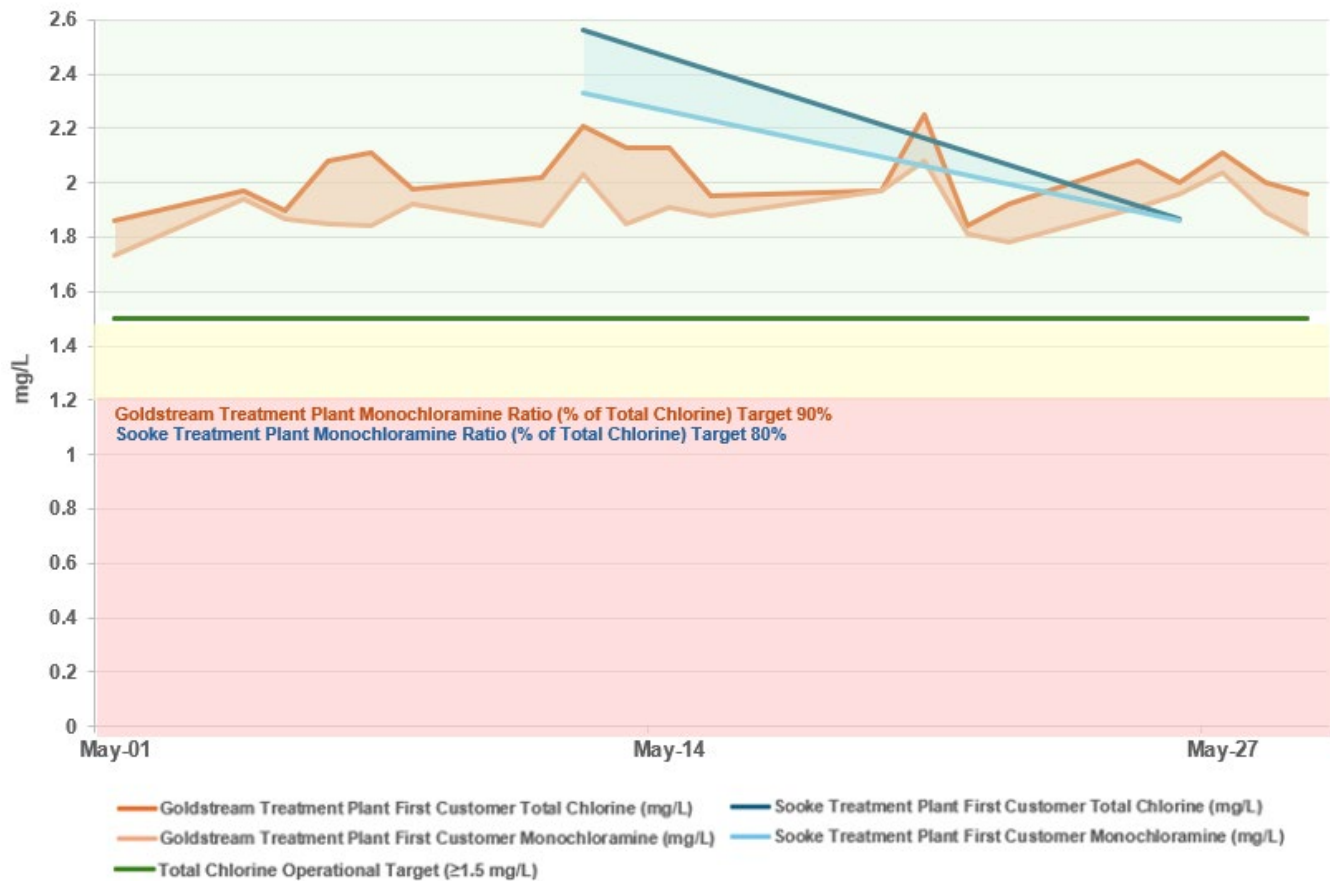
YELLOW – Exceedance of operational and/or aesthetic objectives

RED – Exceedance of industry and/or health standards

In May 2026, all GVDWS systems met provincial requirements and industry standards with overall good drinking water quality throughout. One sample collected on May 12 from the Sunriver Storage Reservoir in the Sooke/East Sooke System recorded a low total coliform concentration of 1 CFU/100mL. The resample was free of total coliform bacteria. All systems were compliant with the <10% total coliform positive requirement. Peak watering day demands on May 13 caused a localized and short-term turbidity exceedance downstream of the Goldstream Treatment Plant.

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

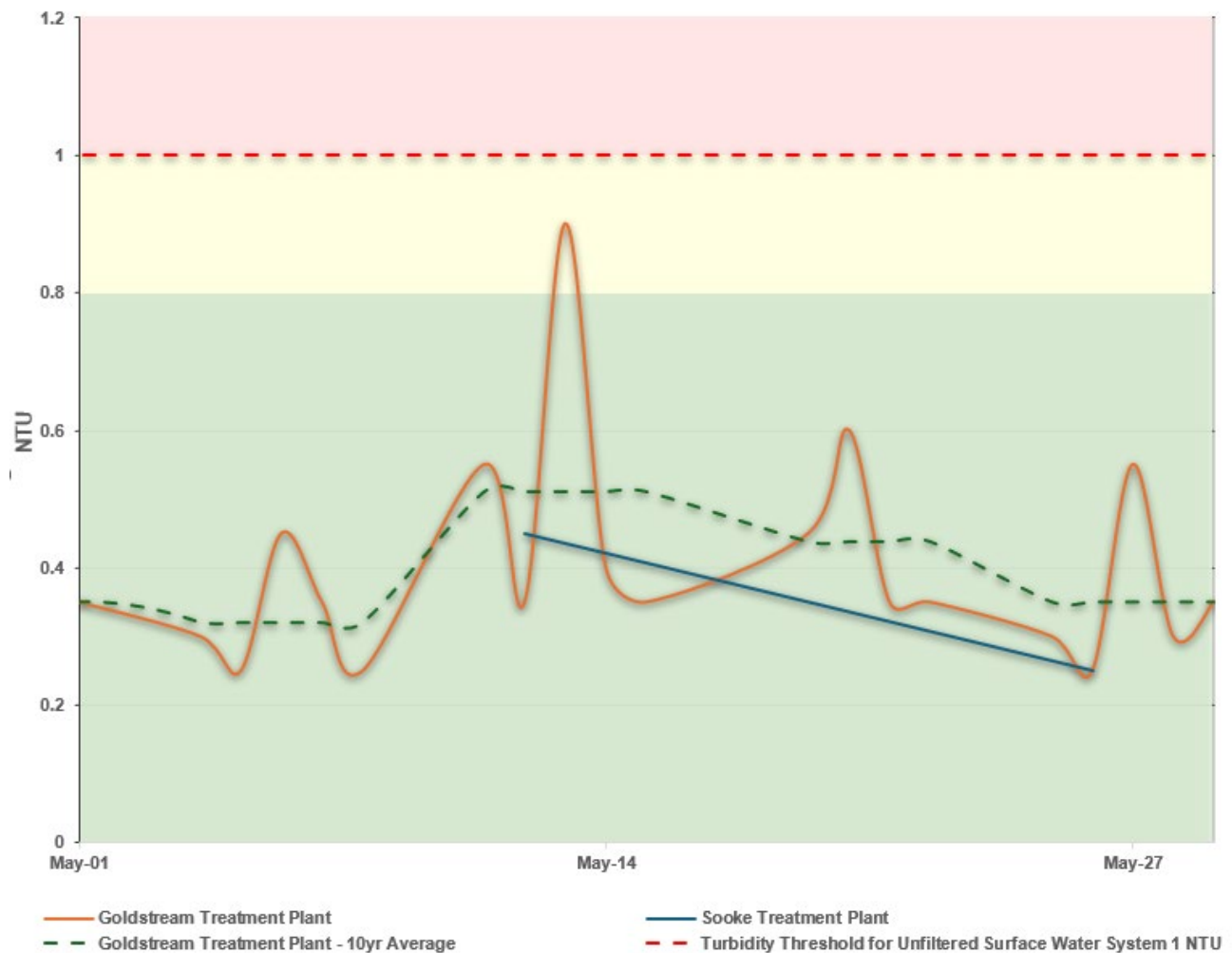
The following graph shows the daily measured total chlorine and monochloramine concentrations at the first treated water sampling stations downstream of the two CRD water treatment plants.



In May 2026, both plants consistently met the target total chlorine concentration of 1.5 mg/L and their respective monochloramine targets providing good secondary disinfection in the distribution systems.

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

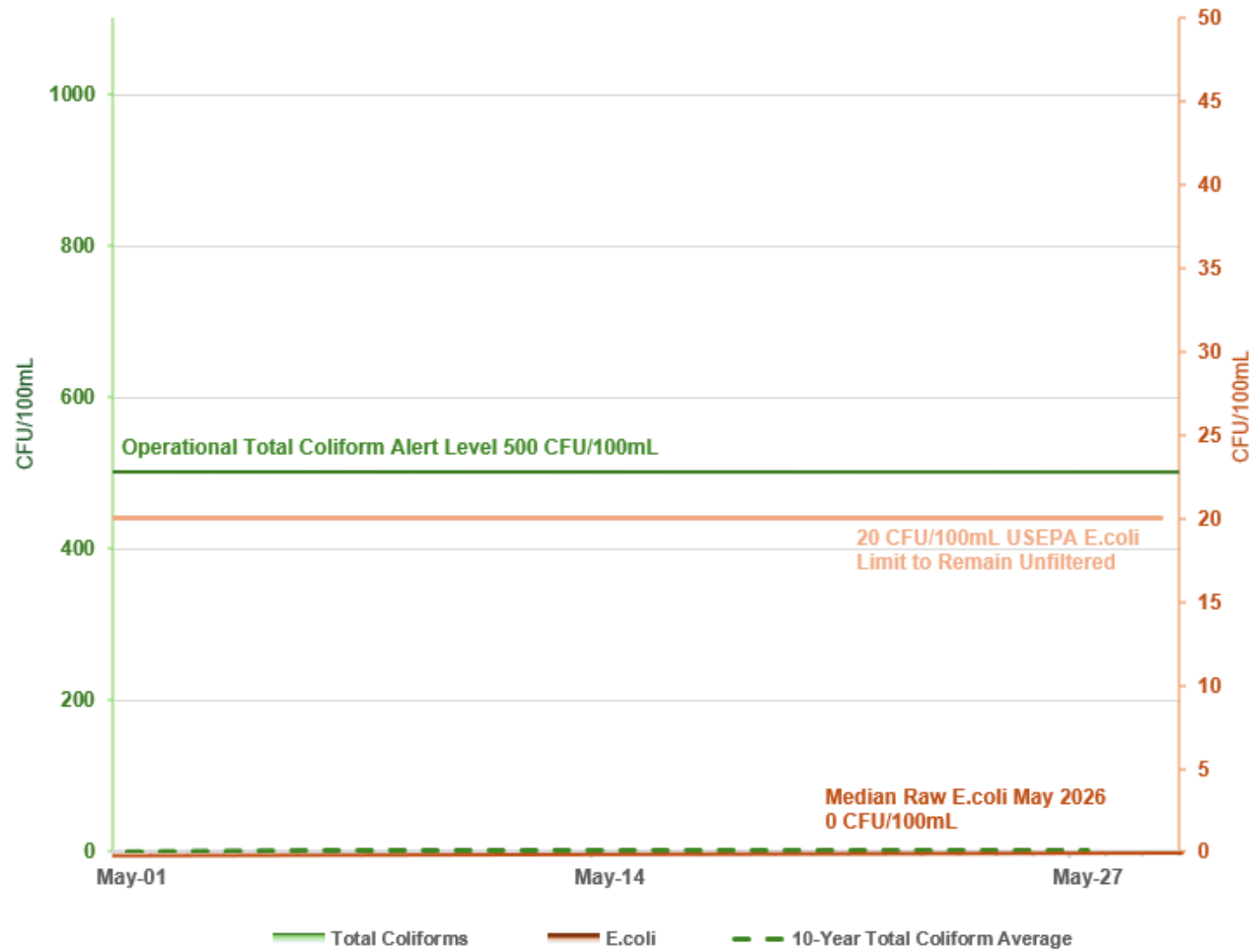
The following graph shows the raw water turbidity measured at both water treatment plants.



The GVDWS, an unfiltered surface water system, must consistently achieve turbidity levels under 1 NTU to meet regulatory standards. Turbidity levels at both treatment plants were within compliance. On May 13 peak watering day demands caused a turbidity increase at the Goldstream Treatment Plant. Although a grab sample measured 0.9 NTU, the plant’s online turbidity analyzers recorded a 4hour exceedance with peaks up to 1.4 NTU. This is a known seasonal issue caused by high water demands mobilizing sediments that have accumulated over the winter in the raw water mains upstream of the plant. Given the short duration of the event, the high UV transmittance of the raw water, the extremely low pathogen load, and the effectiveness of the dual primary disinfection processes, this turbidity excursion posed no credible risk to public health.

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 spring, the concentrations of total coliform and E. coli bacteria in the raw water remained well below the B.C. Ministry of Health and USEPA limit for unfiltered surface water system CFU/100mL.