

Monthly Drinking Water Quality Dashboard



Water Quality Operations

Capital Regional District | January 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	0	1.63	8.4
Saanich	94	96	0	0	0	0	1.61	8.4
North Saanich	13	17	0	0	0	0	1.40	8.6
Victoria / Esquimalt	93	96	0	0	0	0	1.66	8.4
Oak Bay	20	22	0	0	0	0	1.62	8.3
Sidney	14	16	0	0	0	0	1.59	8.5
Sooke / East Sooke	17	39	0	0	0	0	1.15	7.9
Westshore	82	86	1.2	1	0	0	1.46	7.6
Transmission Mains	n/a	75	0	0	0	0	1.79	6.8
Transmission Reservoirs	n/a	18	0	0	0	0	1.54	7.5
Total	350	487	1.2	1	0	0	1.6	8.35

GREEN – Compliance with industry and/or health standards

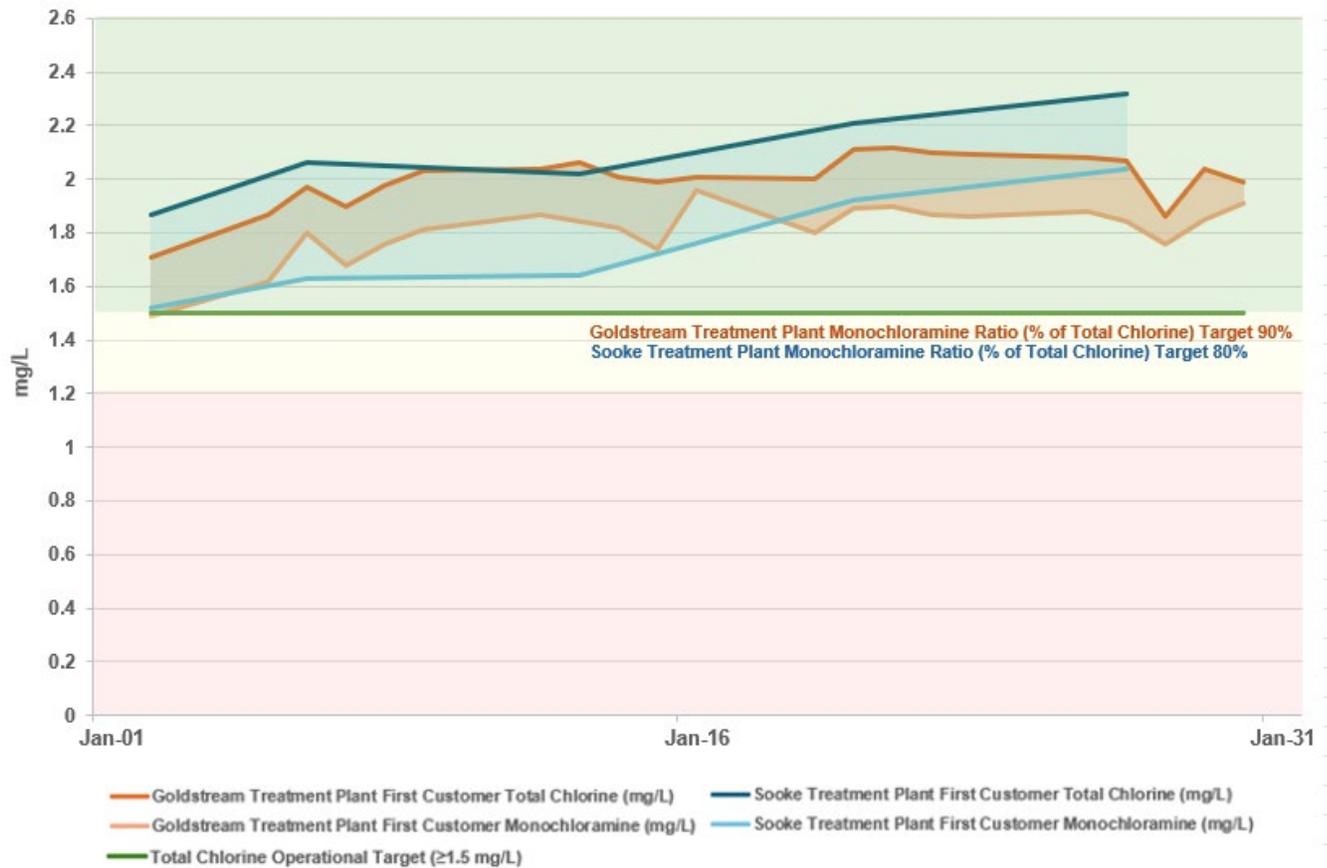
YELLOW – Exceedance of operational and/or aesthetic objectives

RED – Exceedance of industry and/or health standards

In January 2026, most GVDWS systems met provincial requirements and industry standards with overall excellent drinking water quality throughout. One sample from the CRD-Westshore distribution system exceeded the regulatory threshold of 10 CFU/100 mL for total coliform bacteria. Follow-up samples collected immediately afterward showed no total coliforms, confirming that the drinking water was not contaminated. The initial result was most likely due to contamination introduced during sampling.

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

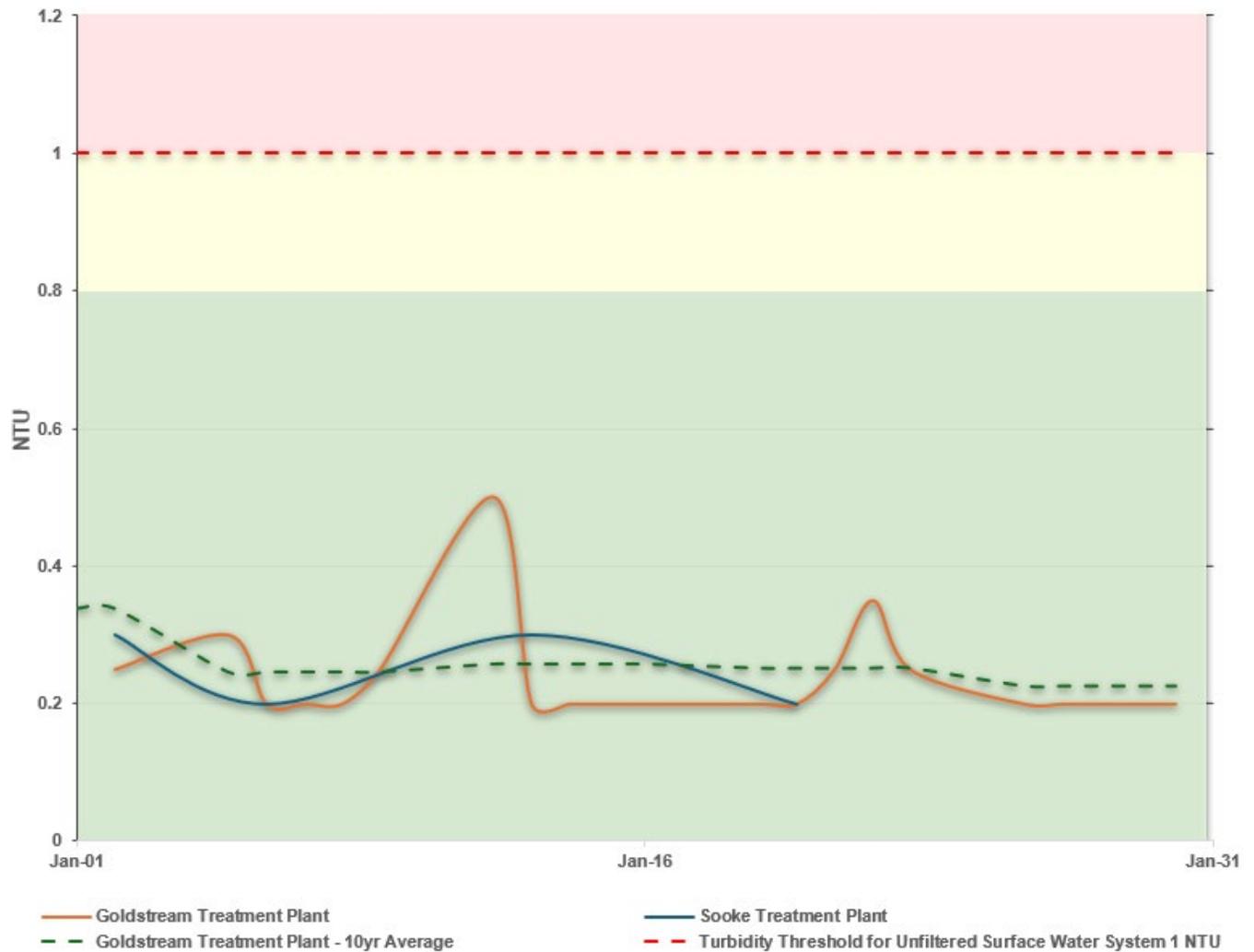
The following graph shows the daily measured total chlorine and monochloramine concentrations at the first treated water sampling stations downstream of the two CRD water treatment plants.



In January 2026, both plants met the target total chlorine concentration of 1.5 mg/L. However, the Sooke Treatment Plant fell slightly short of its monochloramine target (80%) during the first half of the month. The Goldstream Treatment Plant met its monochloramine target (90%) on most days in January, though only by a narrow margin. This slight improvement in the disinfectant chemistry compared to the previous month was 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

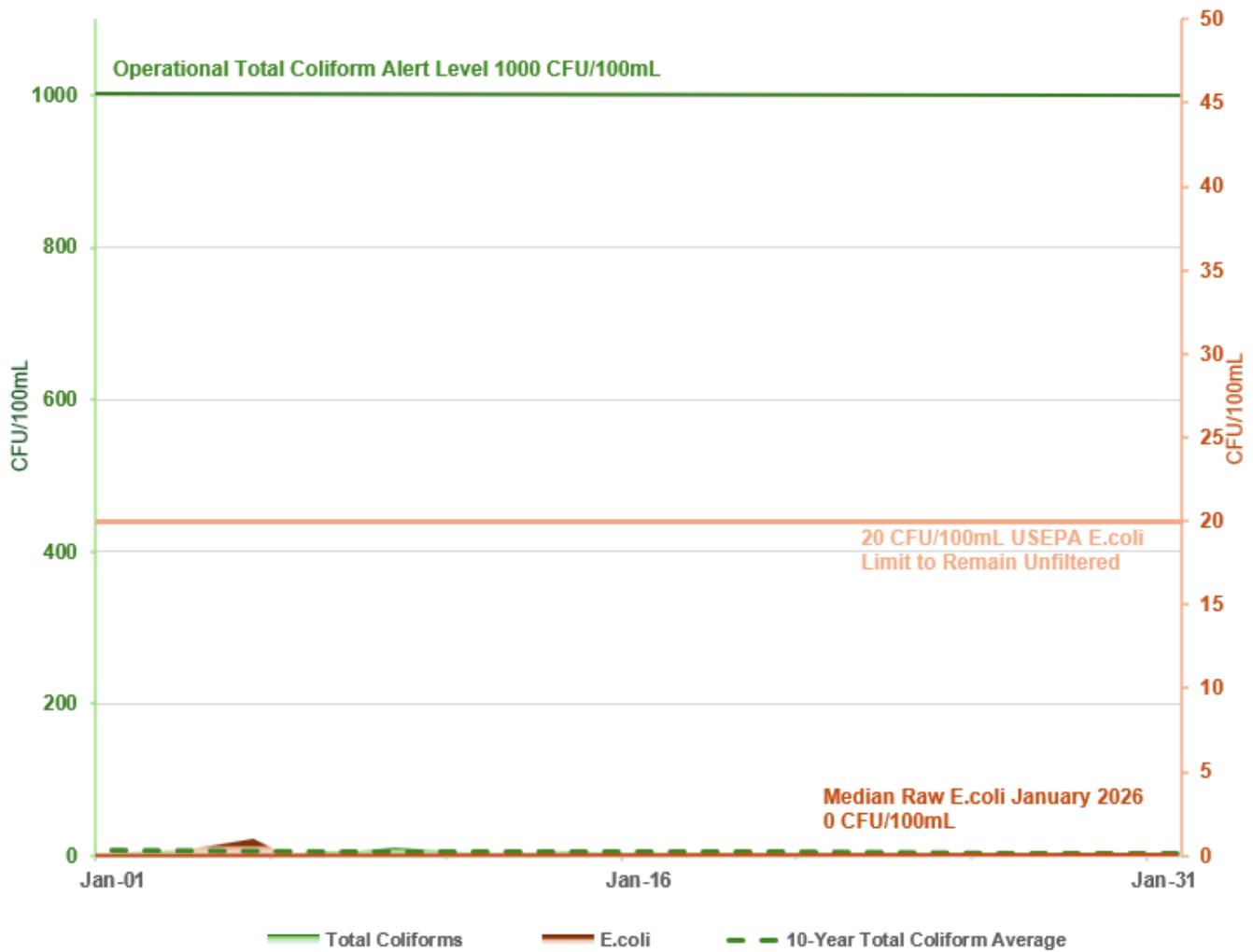
The following graph shows the raw water turbidity measured at both water treatment plants.



The GVDWS, an unfiltered surface water system, must consistently achieve turbidity levels under 1 NTU to meet regulatory standards. Some minor and short-lived turbidity increases were registered at the Goldstream Treatment Plant following heavy rainfall events in January. However, 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.