

Monthly Drinking Water Quality Dashboard



Water Quality Operations

Capital Regional District | April 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	1.55	10.3
Saanich	94	107	0	0	0	0	1.48	10.0
North Saanich	13	18	0	0	0	0	1.37	9.8
Victoria / Esquimalt	93	107	0	0	0	0	1.57	11.3
Oak Bay	20	23	0	0	0	0	1.50	11.2
Sidney	14	16	0	0	0	0	1.54	10.3
Sooke / East Sooke	17	33	0	0	0	0	1.45	10.4
Westshore	82	109	0	0	0	0	1.45	10.0
Transmission Mains	n/a	71	0	0	0	0	1.90	8.6
Transmission Reservoirs	n/a	20	0	0	0	0	1.52	9.3
Total	350	527	0	0	0	0	1.53	10.1

GREEN – Compliance with industry and/or health standards

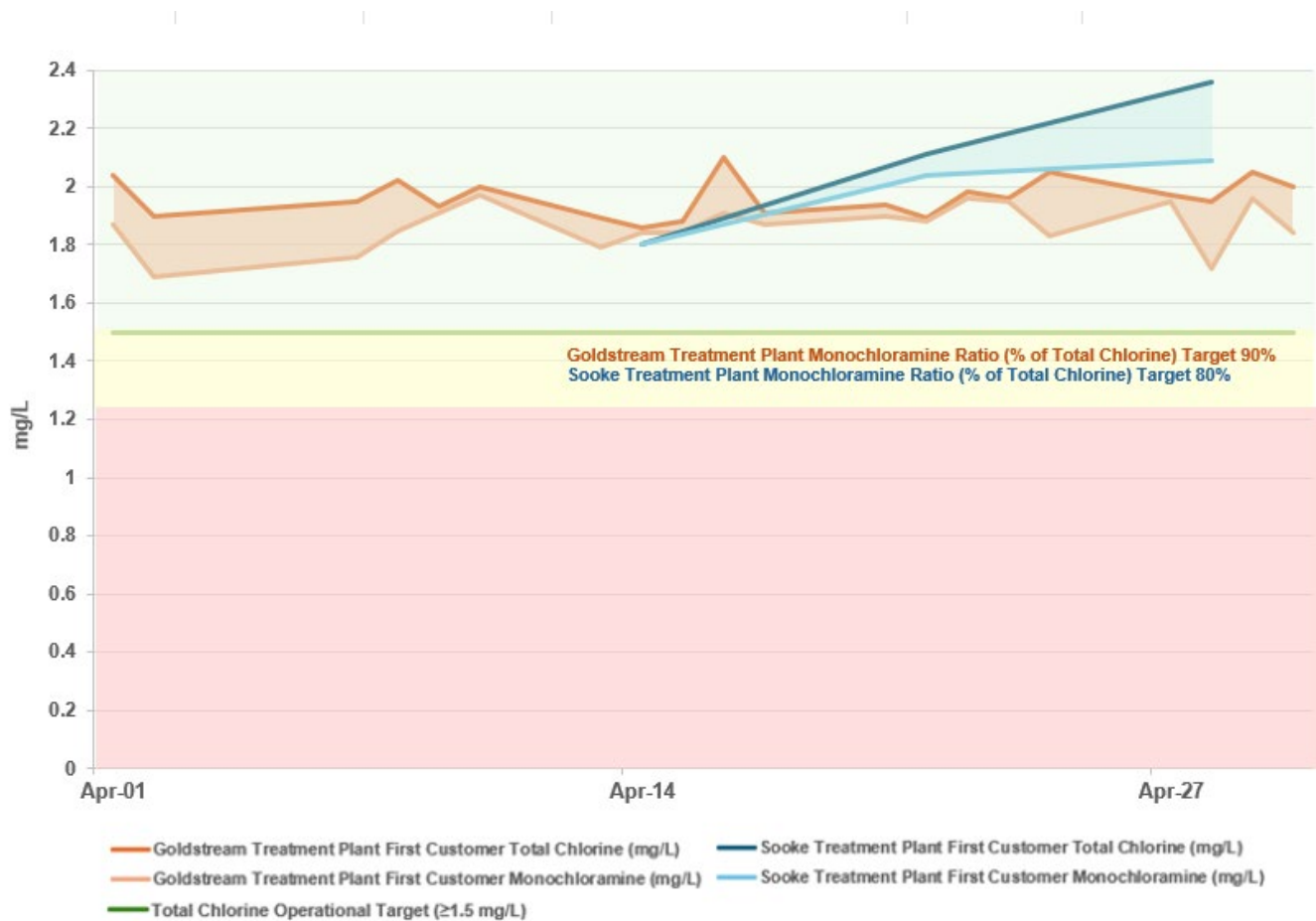
YELLOW – Exceedance of operational and/or aesthetic objectives

RED – Exceedance of industry and/or health standards

In April 2026, all GVDWS systems met provincial requirements and industry standards for drinking water quality. All main parameters were within target or the optimal target range.

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

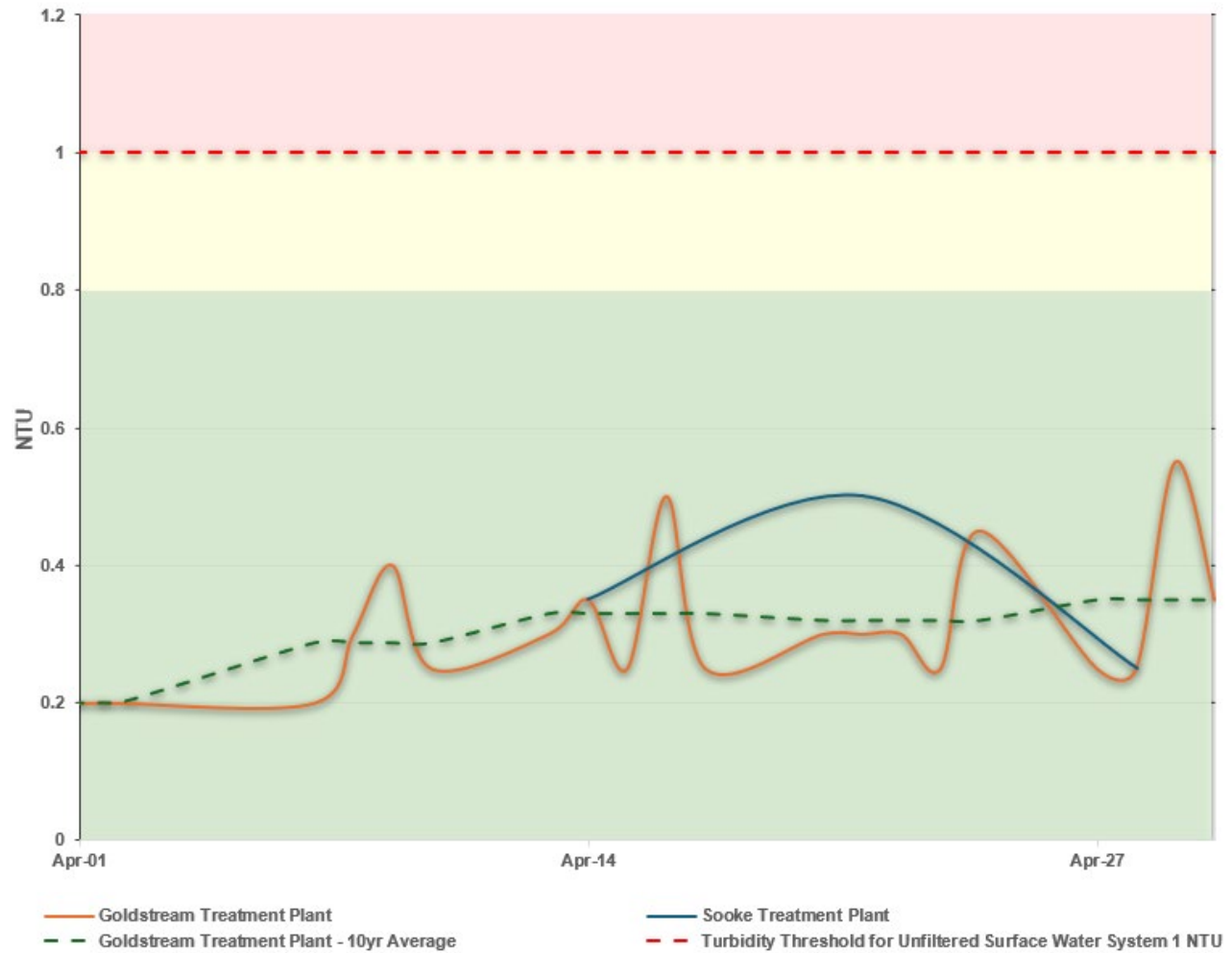
The following graph shows the daily measured total chlorine and monochloramine concentrations at the first treated water sampling stations downstream of the two CRD water treatment plants.



In April 2026, both plants consistently met the target total chlorine concentration of 1.5 mg/L and their respective monochloramine ratio targets. The total chlorine target ensures adequate primary disinfection at the treatment plants, while the monochloramine targets help sustain effective secondary disinfection throughout the distribution systems.

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

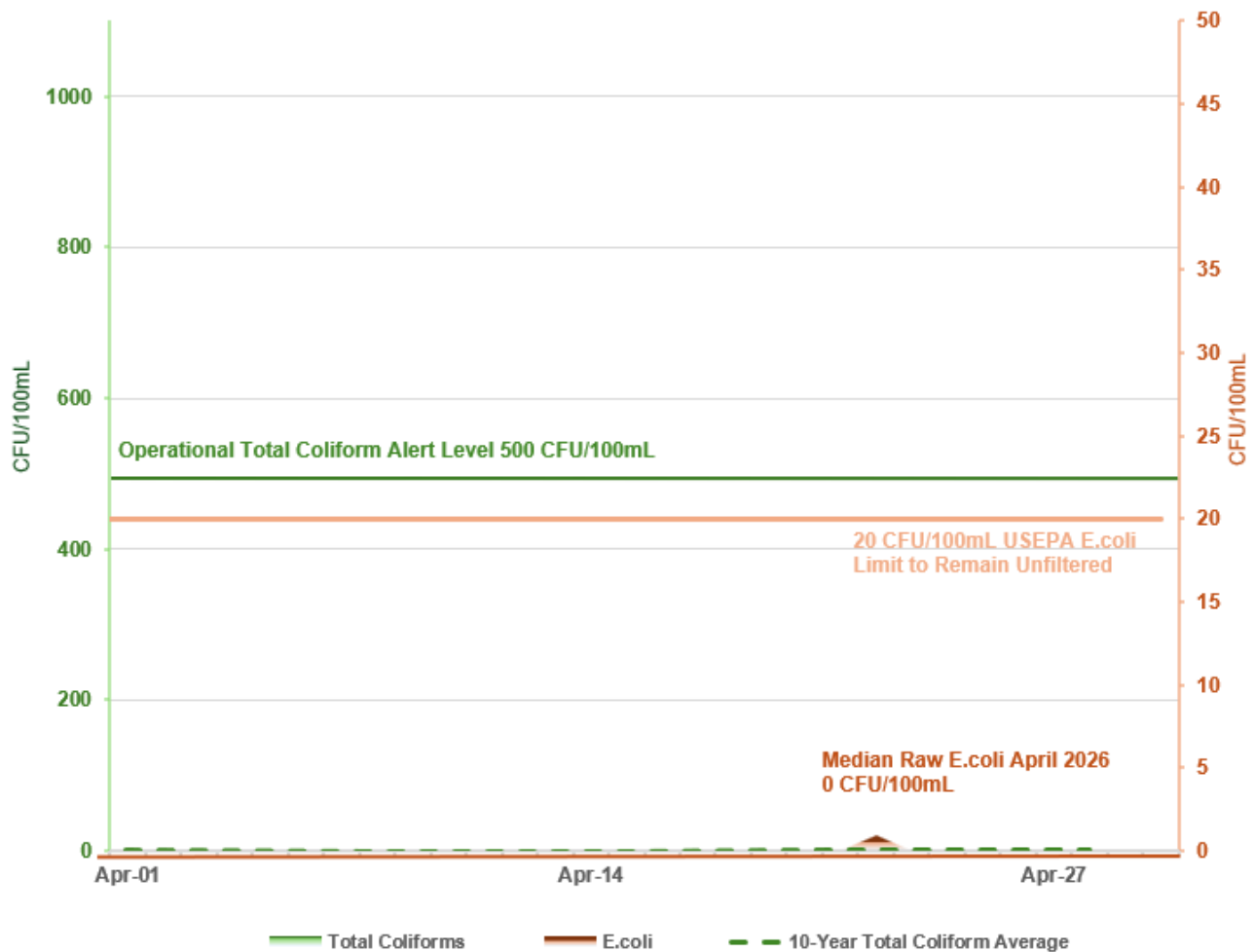
The following graph shows the raw water turbidity measured at both water treatment plants.



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 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 spring, the concentrations of total coliform and E.coli bacteria in the raw water were low and remained below the USEPA limit for unfiltered surface water systems.