

# Monthly Drinking Water Quality Dashboard



## Water Quality Operations

Capital Regional District | February 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	1.66	8.5
Saanich	94	97	0	0	0	0	1.54	8.3
North Saanich	13	18	0	0	0	0	1.5	8.5
Victoria / Esquimalt	93	95	0	0	0	0	1.66	8.3
Oak Bay	20	22	0	0	0	0	1.62	8.7
Sidney	14	16	0	0	0	0	1.63	8.6
Sooke / East Sooke	17	31	0	0	0	0	1.46	8.0
Westshore	82	84	0	0	0	0	1.6	7.9
Transmission Mains	n/a	68	0	0	0	0	1.93	7.5
Transmission Reservoirs	n/a	20	0	0	0	0	1.66	8.0
<b>Total</b>	<b>350</b>	<b>473</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1.63</b>	<b>8.3</b>

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

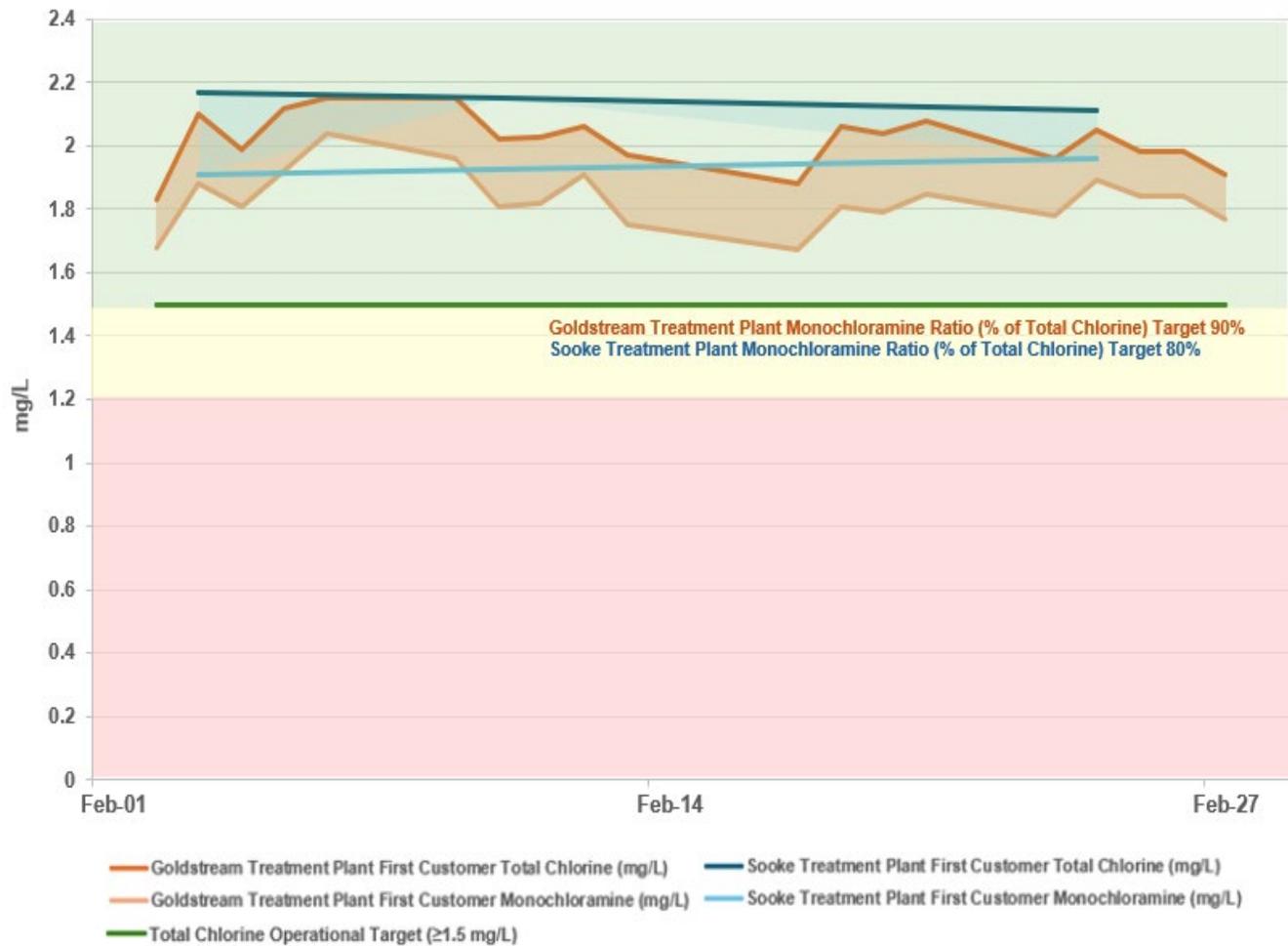
**YELLOW** – Exceedance of operational and/or aesthetic objectives

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

In February 2026, all GVDWS systems met provincial requirements and industry standards with overall excellent drinking water quality throughout. 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

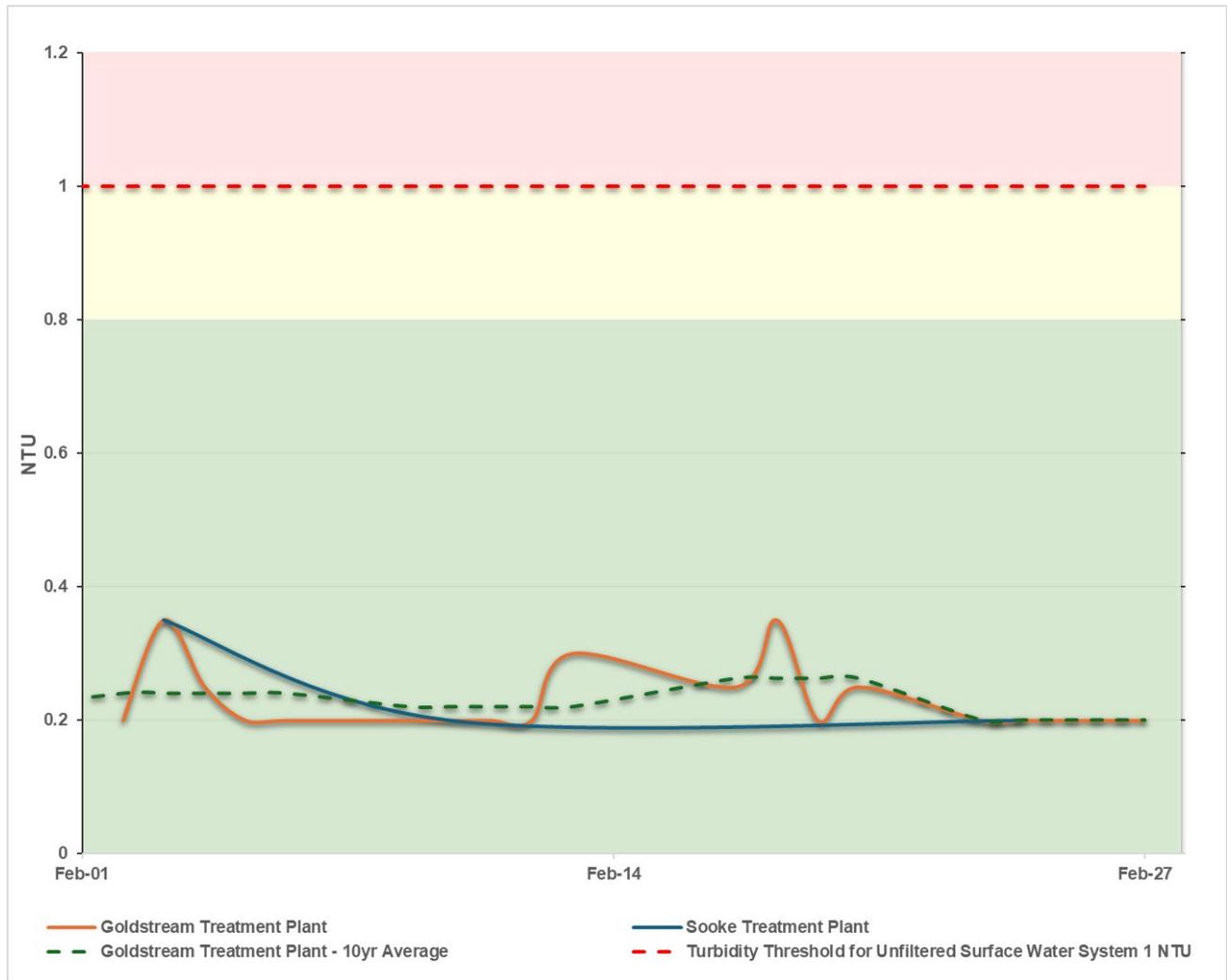
The following graph shows the daily measured total chlorine and monochloramine concentrations at the first treated water sampling stations downstream of the two CRD water treatment plants.



In February 2026, both plants met the target total chlorine concentration of 1.5 mg/L. The Sooke Treatment Plant met consistently its monochloramine target (80%). The Goldstream Treatment Plant met its monochloramine target (90%) on 74% of the sampling days. On 5 sampling days during mid February this target was not achieved and instead ranged between 88-89%. The improvements towards the end of the month were achieved by adjusting the ammonia - chlorine mixture at the Goldstream Treatment Plant. Lower monochloramine ratios affect the chemical stability and longevity of the chloramines which provide secondary disinfection in the distribution systems. Staff are monitoring chloramine residuals in all parts of the system and address localized low residuals with operational measures to maintain good drinking water quality.

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

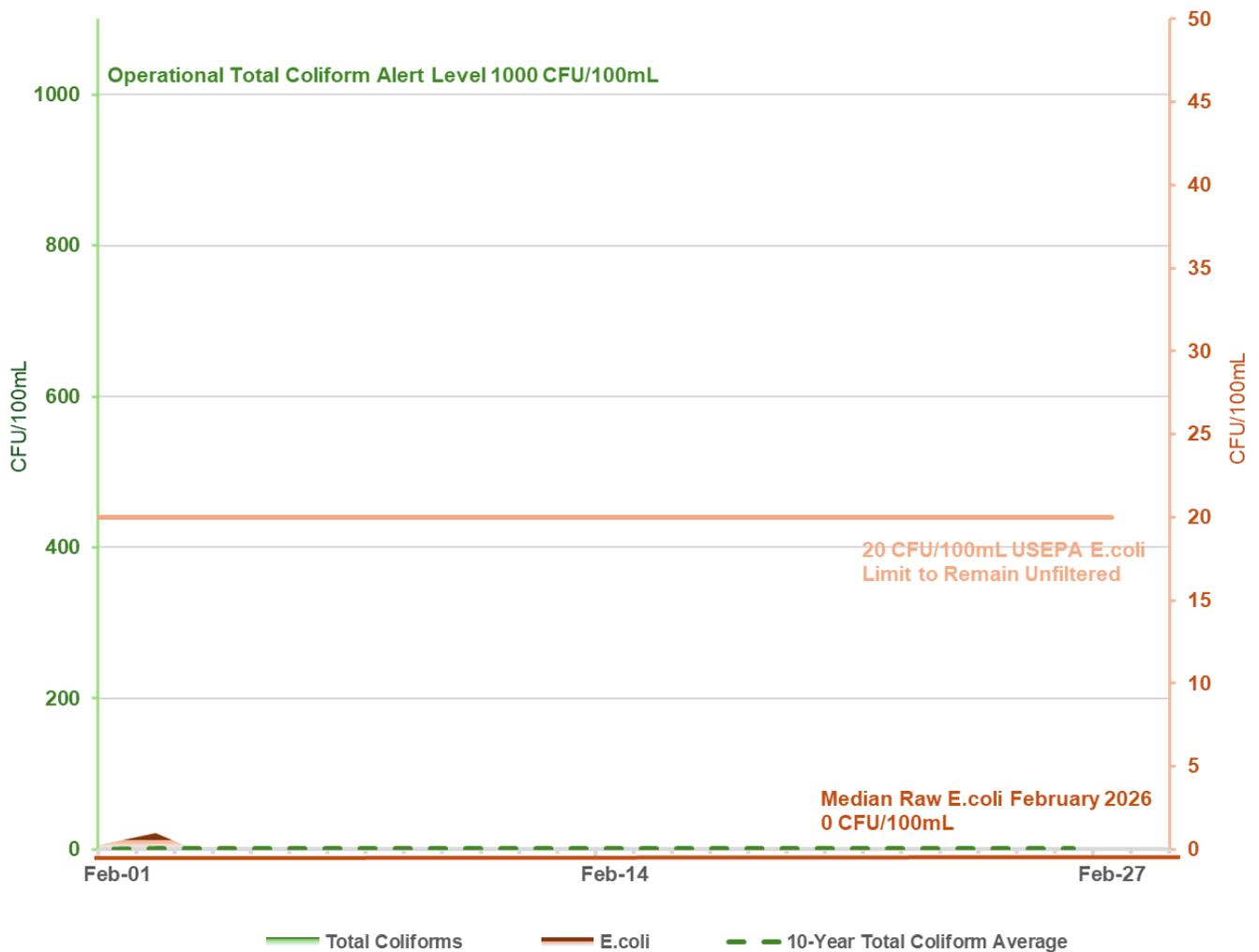
The following graph shows the raw water turbidity measured at both water treatment plants.



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 below 1 NTU 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 the winter month, 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.