



Notice of Meeting and Meeting Agenda Water Advisory Committee

Tuesday, April 14, 2026

12:00 PM

Goldstream Meeting Room
479 Island Hwy
Victoria BC V9B 1H7

Members of the public can view the live meeting via MS Teams link: [Click here](#)

M. Wagner (Chair), M. Engelsjord, A. Fernandes, D. Halldorson, H. Lettrari, A. McArdle,
C. Nowakowski, K. Oppen, J. Rogers, W. Scheuer, H. Unger, K. Zimmerman

The Capital Regional District strives to be a place where inclusion is paramount and all people are treated with dignity. We pledge to make our meetings a place where all feel welcome and respected.

1. Territorial Acknowledgement

2. Election of Vice Chair

3. Approval of Agenda

4. Adoption of Minutes

4.1. [26-0424](#) Minutes of the Water Advisory Committee Meeting of November 25, 2025

Recommendation: That the minutes of the Water Advisory Committee meeting of November 25, 2025 be adopted.

Attachments: [Minutes - November 25, 2025](#)

5. Chair's Remarks

6. Presentations/Delegations

The public are welcome to attend CRD meetings in-person.

Delegations will have the option to participate electronically. Please complete the online application at www.crd.ca/address no later than 4:30 pm two days before the meeting and staff will respond with details.

Alternatively, you may email your comments on an agenda item to the Committee at LegServ@crd.bc.ca.

7. Committee Business

- 7.1. [26-0383](#) General Manager's Verbal Update - April
- Recommendation:** There is no recommendation. This verbal update is for information only.
- 7.2. [26-0437](#) Bylaw No. 4754, Water Advisory Committee Bylaw No. 1, 1997, Repeal Bylaw No. 1, 2026 and Revised of Terms of Reference
- Recommendation:** [At the Capital Regional District Board meeting of April 8, 2026, the Board approved the following motions:
1. That Bylaw No. 4754, "Water Advisory Committee Bylaw No. 1, 1997, Repeal Bylaw No. 1, 2026," be introduced and read a first, second and third time;
2. That Bylaw No. 4754 be adopted; and
3. That the revised Water Advisory Committee Terms of Reference be approved.]
There is no recommendation. This report is for information only.
- Attachments:** [Staff Report: WAC Repeal Bylaw and Revised Terms of Reference](#)
[Appendix A: Repeal Bylaw No. 4754](#)
[Appendix B: Consolidated Bylaw No. 2541](#)
[Appendix C: 2026 WAC Terms of Reference \(Revised\)](#)
[Appendix D: 2026 WAC Terms of Reference \(Redlined\)](#)
- 7.3. [26-0410](#) Monthly Drinking Water Quality Dashboard - Jan-Mar 2026
- Recommendation:** There is no recommendation. This report is for information only.
- Attachments:** [Monthly Drinking WQ Dashboard Jan-Mar 2026](#)
[Supplemental: RWSC Staff Report - Nov. 19, 2025](#)
- 7.4. [26-0412](#) Presentation: Cross Connection Control Program
- Recommendation:** There is no recommendation. This presentation is for information only.
- Attachments:** [Presentation: Cross Connection Control](#)
- 7.5. [26-0409](#) Water Resiliency Plan
- Recommendation:** There is no recommendation. This presentation is for information only.
- Attachments:** [Presentation: Water Resiliency Plan](#)
- 7.6. [26-0433](#) Summary of Recommendations from Regional Water Supply Commission
- Recommendation:** There is no recommendation. This report is for information only.
- Attachments:** [Summary: RWSC - November 19, 2025](#)
[Summary: RWSC - December 17, 2025](#)
[Summary: RWSC - January 21, 2026](#)
[Summary: RWSC - February 18, 2026](#)
[Summary: RWSC - March 18, 2026](#)

7.7. [26-0430](#) Water Watch Report - April 2026

Recommendation: There is no recommendation. This report is for information only.

Attachments: [Water Watch Report - April 7, 2026](#)

8. Notice(s) of Motion

9. New Business

10. Adjournment

The next meeting is June 23, 2026.

Meeting Minutes

Water Advisory Committee

Tuesday, November 25, 2025

12:00 PM

Goldstream Meeting Room
479 Island Hwy
Victoria BC V9B 1H7

PRESENT:

K. Harper (Chair), K. Zimmerman (Vice Chair), A. Fernandes (EP), T. Pedersen (EP), W. Scheuer, M. Turner, M. Wagner

STAFF: A. Fraser, General Manager, Infrastructure and Water Services; A. Constabel, Senior Manager, Watershed Protection; S. Irg, Senior Manager, Water Infrastructure; J. Marr, Senior Manager, Infrastructure Planning and Engineering; K. Konicek, Manager, Water Distribution Engineering and Planning; J. Patterson, Manager, Watershed Planning and Monitoring; J. Ussery, Manager, Watershed Resource Planning; M. Irwin, Supervisor, Regulatory Inspections; D. Buckle, Water Conservation Assistant; K. Wilson, Demand Management Coordinator; M. MacDonald, Legislative Services Coordinator (Recorder)

EP - Electronic Participation

Regrets: C. Davis, M. Doehnel, A. McArdle, C. Nowakowski, K. Oppen

The meeting was called to order at 12:14 pm.

1. Territorial Acknowledgement

Chair Harper provided the Territorial Acknowledgement.

2. Approval of Agenda

MOVED by W. Scheuer, SECONDED by M. Wagner,
That the agenda for the Water Advisory Committee meeting of November 25,
2025 be amended by reordering Item 6 Committee Business to consider the Items
in the following order: 6.1, 6.4, 6.3 and then 6.2.; and
That the agenda be approved as amended.
CARRIED

3. Adoption of Minutes

3.1. [25-1260](#) Minutes of the Water Advisory Committee Meeting of May 27, 2025

MOVED by W. Scheuer, SECONDED by K. Zimmerman,
That the minutes of the Water Advisory Committee meeting of May 27, 2025 be
adopted as circulated.
CARRIED

4. Chair's Remarks

Chair Harper noted that the Development Cost Charge Bylaw was recently approved by the Regional Water Supply Commission and forwarded to Board for consideration.

5. Presentations/Delegations

There were no presentations or delegations.

6. Committee Business

6.1. [25-1185](#) General Manager's Verbal Update - November

A. Fraser spoke to Item 6.1. and advised that the water reservoir levels are currently below the average five year minimum.

6.4. [25-0901](#) Research Partnerships and Projects in the Greater Victoria Water Supply Area

M. Irwin, D. Buckle and K. Wilson presented Item 6.4. for information.

Discussion ensued regarding:

- impacts of climate change and wildfire risk on CRD water supply
- research is ongoing, new projects are upcoming
- partnerships and collaboration further knowledge for all
- future climate adaptation initiatives and water supply planning
- technology and innovation helps further research and monitoring

6.3. [25-1245](#) 2026-2035 Water Conservation Plan for Greater Victoria

J. Ussery and J. Patterson presented Item 6.3. for information.

Discussion ensued regarding:

- importance of water conservations efforts in the region
- public information campaigns have proven helpful to change peak demand
- technology improvements have led to more efficient water use
- collaboration efforts and direct to consumer outreach methods

6.2. [25-0903](#) Master Plan Implementation Framework

J. Marr and K. Konicek spoke to Item 6.2. for information.

Discussion ensued regarding:

- timelines for implementation
- long term impacts of climate change on the water supply
- process by which the proposed guiding principles were determined
- additional considerations and impacts for long term planning

7. Notice(s) of Motion

There were no notice(s) of motion.

8. New Business

There was no new business.

9. Adjournment

**MOVED by M. Wagner, SECONDED by W. Scheuer,
That the Water Advisory Committee meeting of November 25, 2025 be adjourned
at 2:04 pm.
CARRIED**

Chair

Recorder



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REPORT TO REGIONAL WATER SUPPLY COMMISSION MEETING OF MARCH 18, 2026

SUBJECT **Bylaw No. 4754, Water Advisory Committee Bylaw No. 1, 1997, Repeal Bylaw No. 1, 2026 and Revised of Terms of Reference**

ISSUE SUMMARY

To initiate the repeal of Bylaw No. 2541, “Water Advisory Committee Bylaw No. 1, 1997”, and revise the Water Advisory Committee (WAC) Terms of Reference (TOR) to ensure the WAC operates solely under the TOR.

BACKGROUND

Establishment of Regional Water Commission and Water Advisory Committee

In 1997, the *Capital Region Water Supply and Sooke Hills Protection Act* came into force, requiring the Capital Regional District (CRD) to establish:

1. the Regional Water Service, operated by Bylaw No. 2537;
2. a water distribution service for the Western Communities (the Juan de Fuca Water Service, operated by Bylaw No. 2538);
3. the Regional Water Supply Commission, by bylaw No. 2539; and
4. an advisory committee to provide advice to the Regional Water Supply Commission on water supply and quality, stewardship of water supplying lands and water conservation measures.

Subsequently, the CRD established both the Regional Water Supply Commission (Commission) and WAC. At the time, the WAC was established by bylaw. The WAC operated through the governing bylaw and additionally a TOR which served as a reference document to clarify its mandate, responsibilities and procedures and generally supplement information around governance and procedures of the WAC.

Bylaw Repeal

In order to streamline governance of the WAC, staff recommend the introduction, reading and adoption of Bylaw No. 4754, “Water Advisory Committee Bylaw No. 1, 1997, Repeal Bylaw No. 1, 2026”.

Terms of Reference Updates

Staff are recommending revisions to the TOR to ensure uniformity across CRD Committees and that WAC continues to operate with elements of the governing bylaw and its amendments.

The proposed changes will include provisions for First Nations participation and voting rights, and consolidate items previously found separately across the governing bylaw and TOR into a single document.

ALTERNATIVES

Alternative 1

The Regional Water Supply Commission recommends to the Capital Regional District Board:

1. That Bylaw No. 4754, “Water Advisory Committee Bylaw No. 1, 1997, Repeal Bylaw No. 1, 2026,” be introduced and read a first, second and third time;
2. That Bylaw No. 4754 be adopted; and
3. That the revised Water Advisory Committee Terms of Reference be approved.

Alternative 2

That this report be referred back to staff for additional information.

IMPLICATIONS

Alignment with Existing Plans & Strategies

As part of CRD Evolves, Legislative Services now oversees the Regional Water Commission and Water Advisory Committee. Staff have undertaken ongoing review and optimization of governance of the Regional District’s advisory bodies in a fair, representative, and transparent manner.

First Nations Implications

The proposed amendments to the WAC TOR will include the CRD Board Procedures Bylaw amendments to Standing Committees and ensure participating First Nations representatives are able to participate and vote on matters of joint interest.

Service Delivery Implications

The revised TOR will ensure consistency with the CRD Board Procedures Bylaw. In the absence of legislation requiring a committee to be established by bylaw, committees should operate under TOR, reducing redundancy and risk of error in interpreting two governing documents.

CONCLUSION

The WAC currently operates under a TOR and a governing bylaw. To streamline governance, staff recommend repeal of the WAC’s governing bylaw with amendment of the TOR for consistency with other CRD advisory committees. Upon repeal of Bylaw No. 2541, “Water Advisory Committee Bylaw No. 1, 1997”, the WAC will operate solely under the revised TOR.

RECOMMENDATION

The Regional Water Supply Commission recommends to the Capital Regional District Board:

1. That Bylaw No. 4754, “Water Advisory Committee Bylaw No. 1, 1997, Repeal Bylaw No. 1, 2026,” be introduced and read a first, second and third time;
2. That Bylaw No. 4754 be adopted; and
3. That the revised Water Advisory Committee Terms of Reference be approved.

Submitted by:	Marlene Lagoa, MPA, Senior Manager, Legislative Services & DCO
Concurrence:	Kristen Morley, J.D., Corporate Officer & General Manager, Corporate Services
Concurrence:	Alicia Fraser, P. Eng., General Manager, Infrastructure and Water Services
Concurrence:	Ted Robbins, B. Sc., C. Tech., Chief Administrative Officer

ATTACHMENTS

Appendix A: Bylaw No. 4754, Water Advisory Committee Bylaw No. 1, 1997, Repeal Bylaw No. 1, 2026

Appendix B: Consolidated Bylaw No. 2541, Water Advisory Committee Bylaw No. 1, 1997

Appendix C: 2026 Water Advisory Committee Terms of Reference (Revised)

Appendix D: 2026 Water Advisory Committee Terms of Reference (Redlined)

CAPITAL REGIONAL DISTRICT

BYLAW NO. 4754

A BYLAW TO REPEAL WATER ADVISORY COMMITTEE BYLAW NO. 1, 1997 (BYLAW NO. 2541)

WHEREAS:

- A. Under Bylaw No. 2541, "Water Advisory Committee Bylaw No. 1, 1997", the Capital Regional District established a Regional Water Supply, Protection and Conservation Advisory Committee (called the "Water Advisory Committee") in accordance with section 8 of the Capital Region Water Supply and Sooke Hills Protection Regulation;
B. The Board of the Capital Regional District wishes to adjust the governance of the Water Advisory Committee to operate solely under a Terms of Reference; and
C. The Board of the Capital Regional District wishes to repeal Bylaw No. 2541 pursuant to section 227 of the Local Government Act and section 137 of the Community Charter.

NOW THEREFORE, the Board of the Capital Regional District in open meeting assembled hereby enacts as follows:

- 1. Bylaw No. 2541, "Water Advisory Committee Bylaw No. 1, 1997" and its amendments are repealed.
2. This Bylaw may be cited for all purposes as "Water Advisory Committee Bylaw No. 1, 1997, Repeal Bylaw No. 1, 2026".

READ A FIRST TIME THIS th day of 20__
READ A SECOND TIME THIS th day of 20__
READ A THIRD TIME THIS th day of 20__
ADOPTED THIS th day of 20__

CHAIR

CORPORATE OFFICER



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BYLAW NO. 2541

Water Advisory Committee Bylaw No. 1, 1997

**Consolidated for Public Convenience
(This bylaw is for reference purposes only)**

ORIGINALLY ADOPTED DECEMBER 17, 1997
(Consolidated with Amending Bylaw No. 4652)

CAPITAL REGIONAL DISTRICT

BYLAW NO. 2541

A BYLAW FOR THE ESTABLISHMENT AND OPERATION OF A REGIONAL WATER SUPPLY PROTECTION AND CONSERVATION ADVISORY COMMITTEE

WHEREAS

- A. Section 2 of the Capital Region Water Supply and Sooke Hills Protection Act (the "Act") requires the Regional District to establish by bylaw a water supply local service of the Regional District.
- B. Section 4 of the Act requires the Regional District Board to establish by bylaw a Regional Water Supply Commission.
- C. Section 8 of the Capital Region Water Supply and Sooke Hills Protection Regulation Order-In-Council No. 0971 requires the Regional District Board to appoint a Regional Water Supply, Protection and Conservation Advisory Committee to provide advice to the Regional Water Supply Commission on water supply, water quality, the stewardship of the lands held by the Regional District for water supply purposes and water conservation measures.

NOW, THEREFORE, the Board of the Capital Regional District in open meeting assembled ENACTS AS FOLLOWS:

- 1. *A Regional Water Supply, Protection and Conservation Advisory Committee* (hereinafter called the "Water Advisory Committee" is hereby established.
- 2. The membership of the *Water Advisory Committee* is comprised as follows:
 - (a) one representative each from the Regional Water Supply Commission, the Juan de Fuca Water Distribution Commission and the Saanich Peninsula Water Commission.
 - (b) one representative from each of the following:
 - agricultural community
 - groups concerned with the protection of fish habitats
 - environmental groups
 - commercial and industrial water users
 - residents and ratepayers associations
 - Capital Region Health Board
 - scientific community

(Bylaw No. 4652)

(c) up to five representatives from other bodies the Regional District Board considers appropriate.

(Bylaw No. 4652)

(d) one representative from each First Nation in the Capital Regional District, who may participate in Water Advisory Committee meetings (as ex officio) at their pleasure, in accordance with Bylaw No. 3828, "Capital Regional District Board Procedures Bylaw, 2012", where the First Nation has an interest in matters being considered by the Water Advisory Committee.

(Bylaw No. 4652)

3. The terms of office of the members of the commission shall be for a two year period, to a maximum participation of three terms (i.e. six years)," except that initial appointments shall be as follows:

(a) five of the appointees shall hold office from the date of appointment until one year from the date of initial appointment.

(b) six of the appointees shall hold office from the date of appointment until two years from the date of initial appointment.

(Bylaw No. 4652)

4. A quorum of the Water Advisory Committee is a majority of its members.

5. The Water Advisory Committee shall, at its first meeting each year, appoint as its Chair the Vice-Chair of the Regional Water Supply Commission, with a term commencing and ending commensurate to the term of the Vice-Chair. The Water Advisory Committee shall, at its first meeting each year, elect from among its members a Vice-Chair of the Water Advisory Committee.

(Bylaw No. 4652)

6. The Committee must follow Bylaw No. 3828, "Capital Regional District Board Procedures Bylaw, 2012", when conducting a meeting, so far as they are applicable.

(Bylaw No. 4652)

7. The mandate of the Water Advisory Committee is to provide advice to the Regional Water Supply Commission, with a view to the current Strategic Plan approved by the Regional Water Supply Commission and the priorities defined within, on water supply, water quality, and stewardship of the lands held by the Regional District for water supply and water conservation purposes.

(Bylaw No. 4652)

8. This Bylaw may be cited as the "Water Advisory Committee Bylaw No. 1, 1997".

READ A FIRST TIME THIS 10th dayof Sept. 1997

READASECONDTIMETHIS 17th dayof Dec. 1997

READ A THIRD TIME THIS 17th dayof Dec. 1997

ADOPTED THIS 17th dayof Dec. 1997

Terms of Reference

CRD

WATER ADVISORY COMMITTEE

PREAMBLE

Pursuant to the *Capital Region Water Supply and Sooke Hills Protection Regulation* (Regulation), the Capital Regional District (CRD) requires the establishment of a Regional Water Supply, Protection and Conservation Advisory Committee (Committee) to provide advice to the Regional Water Supply Commission on water supply, water quality, the stewardship of lands held by the CRD for water supply purposes and water conservation measures.

The Committee's official name is to be:

Water Advisory Committee

1.0 PURPOSE

- a) The mandate of the Committee is to provide advice to the Regional Water Supply Commission with a view to the current Strategic Plan approved by the Regional Water Supply Commission and the priorities defined within.
- b) The Committee will also:
 - i. Review options for water supply, water quality, and the stewardship of catchment lands for water supply purposes and water conservation measures, based on their technical and economic merit;
 - ii. Take into consideration the social and environmental impacts in the review of options;
 - iii. Ensure all relevant issues are being considered;
 - iv. Advise on the development of a public consultation process;
 - v. Attend and participate, when required, in public meetings, open houses, etc.; and
 - vi. Communicate the issues being considered to groups represented by Committee members and report comments/concerns back to the Committee;

2.0 ESTABLISHMENT AND AUTHORITY

- a) The Committee will make recommendations to the Regional Water Supply Commission for consideration;
- b) The Vice-Chair of the Regional Water Supply Commission shall be the Chair of the Committee, with a term commencing and ending commensurate to the term of the Vice-Chair.
- c) The Committee shall, at its first meeting each year, elect from among its members a Vice-Chair of the Committee.

- d) The Regional Water Supply Commission will recommend Committee member appointments to the CRD Board for up to a two-year term, to a maximum participation of three terms (i.e. six years). The Committee may request that the Regional District Board replace a member who has missed three consecutive meetings.

3.0 COMPOSITION

- a) The Committee shall consist of 10 to 15 members plus First Nations representation, with a diversity of background, interests and geographical location, representing a balance between technical and non-technical members and industry and public members.
- b) The membership of the Committee is comprised as follows:
- i. One (1) representative each from:
 - Regional Water Supply Commission;
 - Juan de Fuca Water Distribution Commission; and
 - Saanich Peninsula Water Commission
 - ii. One (1) representative from each of the following:
 - The agriculture community;
 - Groups concerned with the protection of fish habitats;
 - Environmental groups;
 - Commercial and industrial water users;
 - Residents and ratepayers' associations;
 - Island Health; and
 - The scientific community
 - iii. up to five representatives from other bodies the Regional District Board considers appropriate.
- c) One representative from each First Nation is permitted to participate in Committee meetings at their pleasure, where the Nation has an interest in matters being considered by the Committee, in alignment with the CRD Procedures Bylaw, regarding participation in voting:
- i. First Nation representatives are permitted to abstain from voting on an item, provided that they declare their abstention prior to the vote being called on the item.
 - ii. When an abstention from voting on an item is declared by a First Nation representative, it shall be noted in the minutes and the total number of votes on the item shall not include those First Nation representatives who have abstained from voting.

4.0 PROCEDURES

- a) The Regional Water Supply Commission will review the Committee terms of reference on an as needed basis and will recommend updates to CRD Board for approval.
- b) Issues requiring consideration by the Committee will be identified by the Commission, staff or the Committee. Issues and recommendations for the Committee's consideration will be submitted to the Committee in the form of a staff report.

- c) The Committee must follow Bylaw No. 3828, "Capital Regional District Board Procedures Bylaw, 2012", when conducting a meeting, so far as they are applicable.
- d) Regular meetings of the Committee will be set based on the need for consideration of issues identified by the Commission or staff, or at the call of the Committee Chair. At a minimum there will be two meetings per year.
- e) The agenda will be finalized in consultation between staff and the Committee Chair and any Committee member may make a request to the Chair to place a matter on the agenda through the Notice of Motion process.
- f) Quorum is a majority of the Committee membership and is required to conduct committee business.

5.0 RESOURCES AND SUPPORT

- a) The General Manager of Infrastructure and Water Services will act as liaison to the Committee and will lead the coordination and allocation of resources to the Committee.
- b) Minutes and agendas are prepared and distributed by the Corporate Services Department.

6.0 RELATIONSHIP WITH REGIONAL WATER SUPPLY COMMISSION

- a) Reports and recommendations from the Committee will be forwarded to the Commission through the Committee Chair. Alternatively, where the Committee makes a recommendation to staff, the Committee's recommendation will be incorporated in a report by staff to the Commission.
- b) The General Manager will attempt to keep the Committee apprised of reports or initiatives with such implications. Every effort should be made to maintain a streamlined and efficient process.

Approved by CRD Board on _____

Terms of Reference



WATER ADVISORY COMMITTEE

PREAMBLE

~~In 1997 the Greater Victoria Water District Act was repealed and replaced by The Capital Regional Water Supply and Sooke Hills Protection Act (Act). The implementation of the Act is governed by the Capital Regional Region Water Supply and Sooke Hills Protection Regulation (Regulation). Both the Act and the Regulation were enacted August 1, 1997. Under the Regulation, the Capital Regional District (CRD) must establish by bylaw a standing committee of the Regional Board known as the Regional Water Supply Commission (Commission). The Commission was established in September, 1997. The Regulation further requires the appointment establishment of a Regional Water Supply, Protection and Conservation Advisory Committee (Committee) to provide advice to the Regional Water Supply Commission on water supply, water quality, the stewardship of lands held by the CRD for water supply purposes and water conservation measures.~~

~~These terms of reference serve to clarify the mandate, responsibilities and procedures and supplement Bylaw No. 2541, "Water Advisory Committee Bylaw No. 1, 1997".~~
The Committee's official name is to be:

Water Advisory Committee

1.0 PURPOSE

- a) The mandate of the ~~Water Advisory~~ Committee is to provide advice to the Regional Water Supply Commission with a view to the current Strategic Plan approved by the Regional Water Supply Commission and the priorities defined within, ~~on water supply, water quality and stewardship of the lands held by the Regional District for water supply purposes and water conservation purposes.~~
- b) ~~The Water Advisory~~ Committee will also:
- i. Review options for water supply, water quality, and the stewardship of catchment lands for water supply purposes and water conservation measures, based on their technical and economic merit;
 - ii. Take into consideration the social and environmental impacts in the review of options;
 - iii. Ensure all relevant issues are being considered;
 - iv. Advise on the development of a public consultation process;
 - v. Attend and participate, when required, in public meetings, open houses, etc.; and
 - vi. Communicate the issues being considered to groups represented by Committee members and report comments/concerns back to the Committee;

2.0 ESTABLISHMENT AND AUTHORITY

~~a) shall, at its first meeting each year, appoint as its Chair. The Committee will make recommendations to the Regional Water Supply Commission for consideration;~~

~~a)b) _____ The Vice-Chair of the Regional Water Supply Commission shall be the Chair of the Committee, with a term commencing and ending commensurate to the term of the Vice-Chair.~~

~~b)c) _____ The Water Advisory Committee shall, at its first meeting each year, elect from among its members a Vice-Chair of the Water Advisory Committee.~~

~~e)d) _____ The Regional Water Supply Commission will recommend Committee member appointments to the CRD Board for up to a two-year term, to a maximum participation of three terms (i.e. six years). The Committee may request that the Commission-Regional District Board replace a member who has missed three consecutive meetings.~~

3.0 COMPOSITION

a) The Committee shall consist of 10 to 15 members plus First Nations representation, with a diversity of background, interests and geographical location, representing a balance between technical and non-technical members and industry and public members.

b) The membership of the ~~Water Advisory~~ Committee is comprised as follows:

i. One (1) representative each from:

- Regional Water Supply Commission;
- Juan de Fuca Water Distribution Commission; and
- Saanich Peninsula Water Commission

ii. One (1) representative from each of the following:

- The agriculture community;
- Groups concerned with the protection of fish habitats;
- Environmental groups;
- Commercial and industrial water users;
- Residents and ratepayers' associations;
- Island Health; and
- The scientific community

iii. up to five representatives from other bodies the Regional District Board considers appropriate.

c) One representative from each First Nation ~~in the Capital Regional District, who may is permitted to~~ participate in ~~Water Advisory~~ Committee meetings ~~(as ex officio)~~ at their pleasure, ~~in accordance with Bylaw No. 3828, "Capital Regional District Board Procedures Bylaw, 2012", where the First Nation has an interest in matters being considered by the Water Advisory Committee, in alignment with the CRD Procedures Bylaw, Section 33 regarding participation in voting:~~

- i. First Nation representatives are permitted to abstain from voting on an item, provided that they declare their abstention prior to the vote being called on the item.
- ii. When an abstention from voting on an item is declared by a First Nation representative, it shall be noted in the minutes and the total number of votes on the item shall not include those First Nation representatives who have abstained from voting.

4.0 TERMS OF SERVICE

4.0 PROCEDURES

- a) The Regional Water Supply Commission will ~~approve~~review the Committee terms of reference ~~annually on an as needed basis and will recommend updates to CRD Board for approval.~~
- b) Issues requiring consideration by the Committee will be identified by the Commission, staff or the Committee. Issues and recommendations for the Committee's consideration will be submitted to the Committee in the form of a staff report.
- c) The Committee must follow Bylaw No. 3828, "Capital Regional District Board Procedures Bylaw, 2012", when conducting a meeting, so far as they are applicable.
- d) Regular meetings of the Committee will be set based on the need for consideration of issues identified by the Commission or staff, or at the call of the Committee Chair. At a minimum there will be two meetings per year.
- e) The agenda will be finalized in consultation between staff and the Committee Chair and ~~Vice-any Committee member may make a request to the Chair of the Committee. Items to be included into place a matter on the agenda must be received by through the Committee secretary at least one week in advance of a meeting-Notice of Motion process.~~
- f) ~~A~~ Quorum is a majority of the Committee membership and is required to conduct committee business.

5.0 RESOURCES AND SUPPORT

- a) The General Manager of Integrated Infrastructure and Water Services will ~~be the staff~~ act as liaison ~~for~~ to the Committee and will lead the coordination and allocation of resources to the Committee.
- b) Minutes and agendas are prepared and distributed by ~~Integrated Water~~ the Corporate Services ~~staff~~ Department.

6.0 RELATIONSHIP WITH REGIONAL WATER SUPPLY COMMISSION

- a) Reports and recommendations from the Committee will be forwarded to the Commission through the Committee Chair. Alternatively, where the Committee makes a recommendation to staff, the Committee's recommendation will be incorporated in a report by staff to the Commission.

- b) The General Manager will attempt to keep the Committee apprised of reports or initiatives with such implications. Every effort should be made to maintain a streamlined and efficient process.

| Approved by CRD Board on _____

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

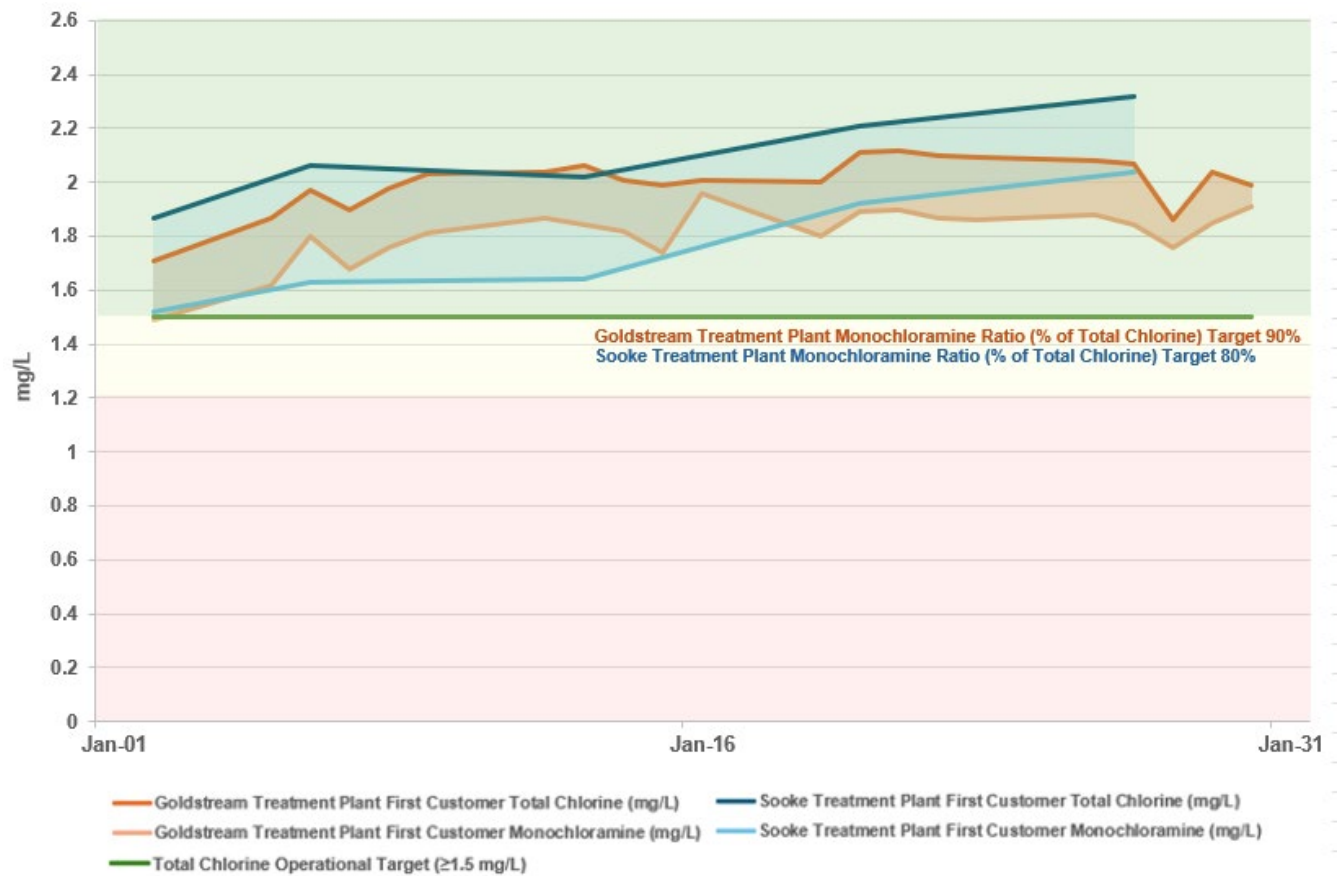
YELLOW – Exceedance of operational and/or aesthetic objectives

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

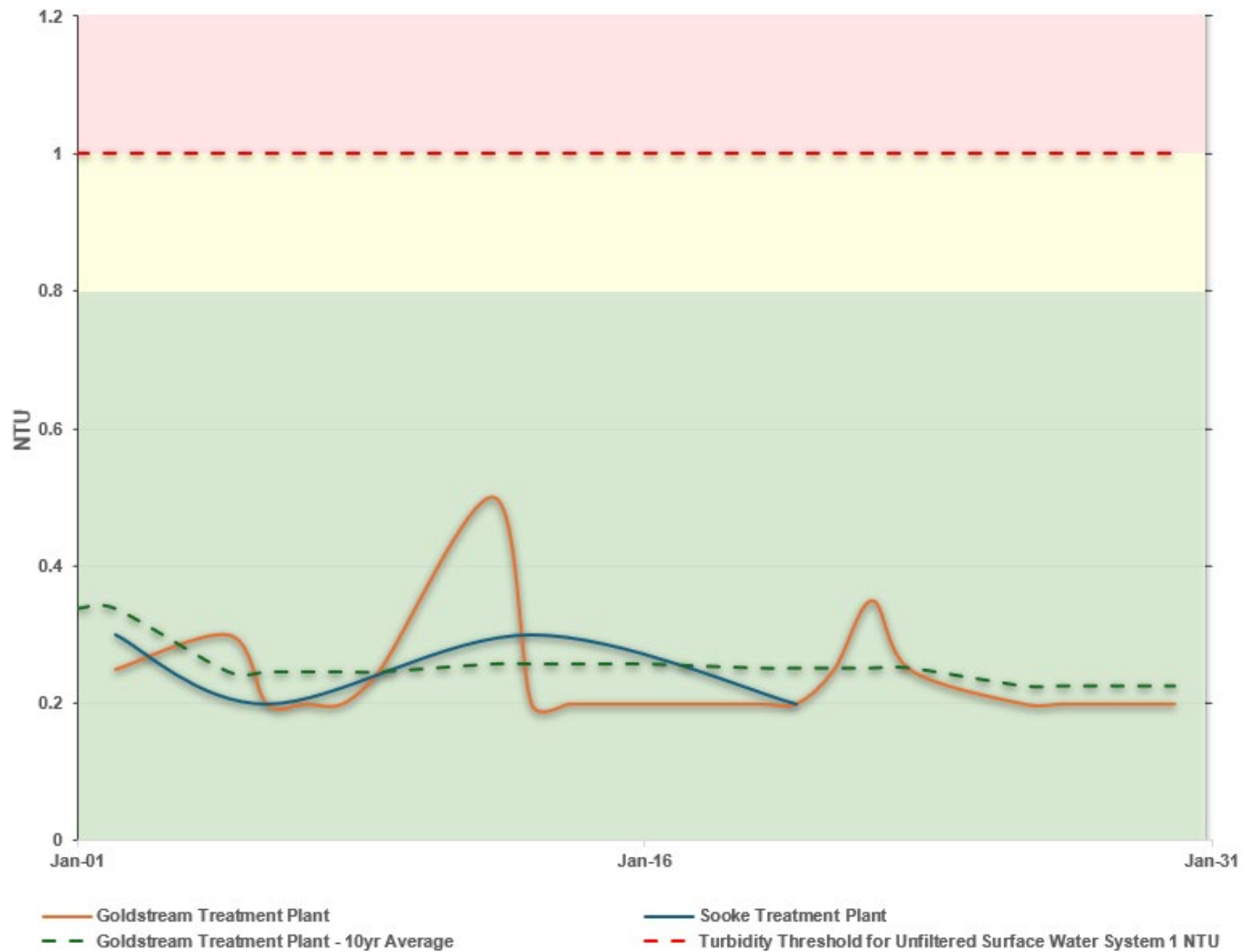
The following graph shows the daily measured total chlorine and monochloramine concentrations at the first treated water sampling stations downstream of the two CRD water treatment plants.



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

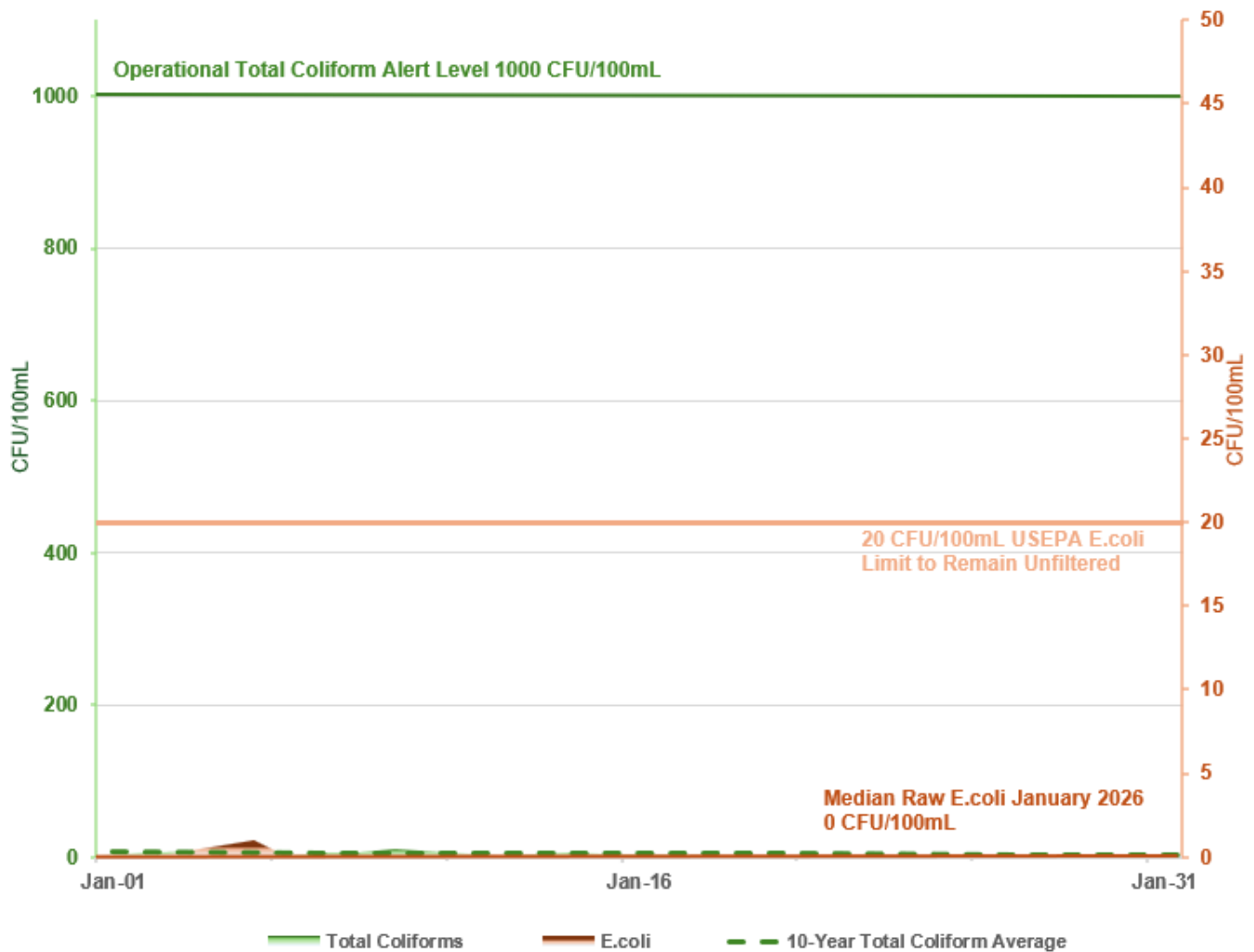
The following graph shows the raw water turbidity measured at both water treatment plants.



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.

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
Total	350	473	0	0	0	0	1.63	8.3

GREEN – Compliance with industry and/or health standards

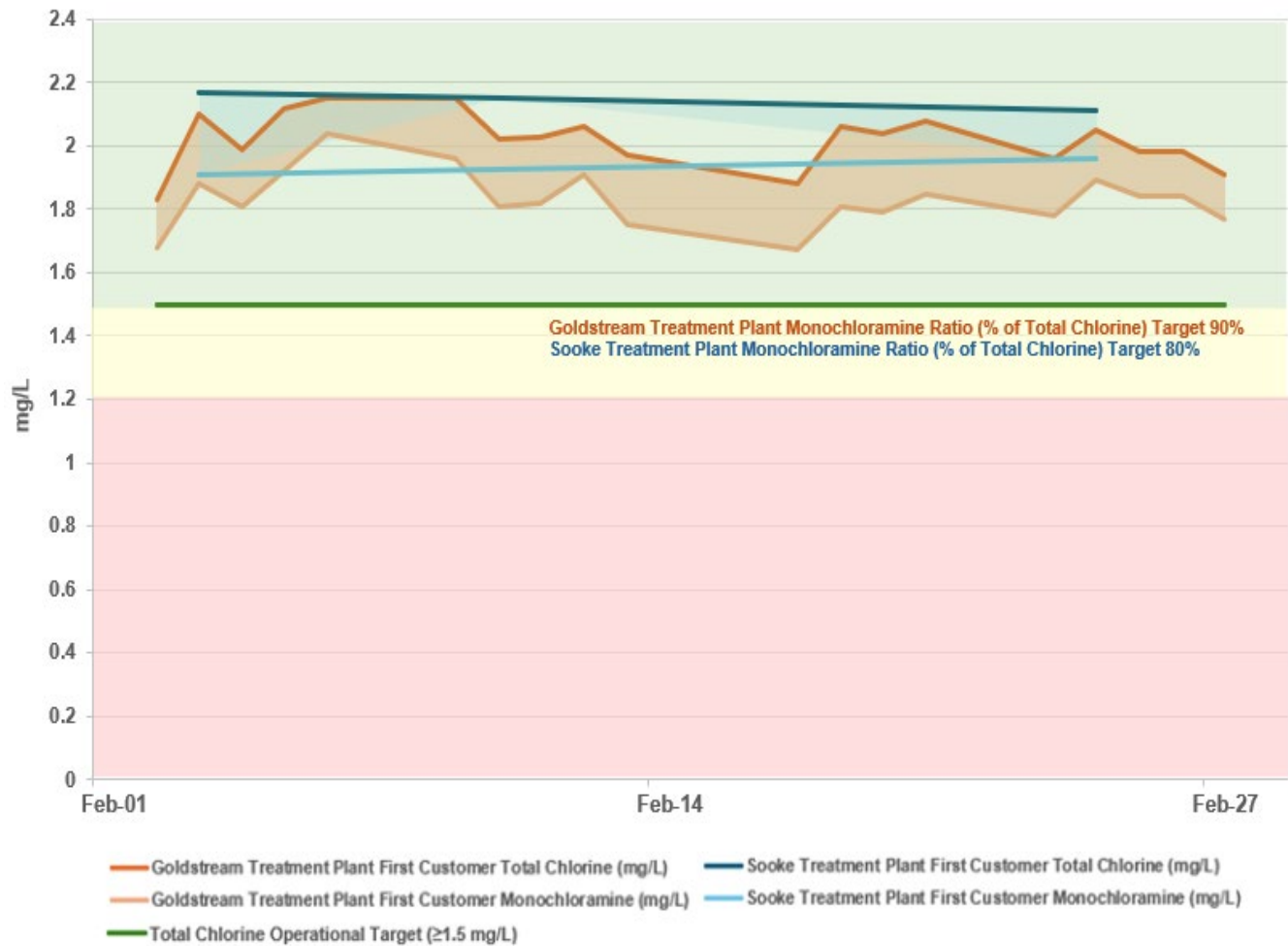
YELLOW – Exceedance of operational and/or aesthetic objectives

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

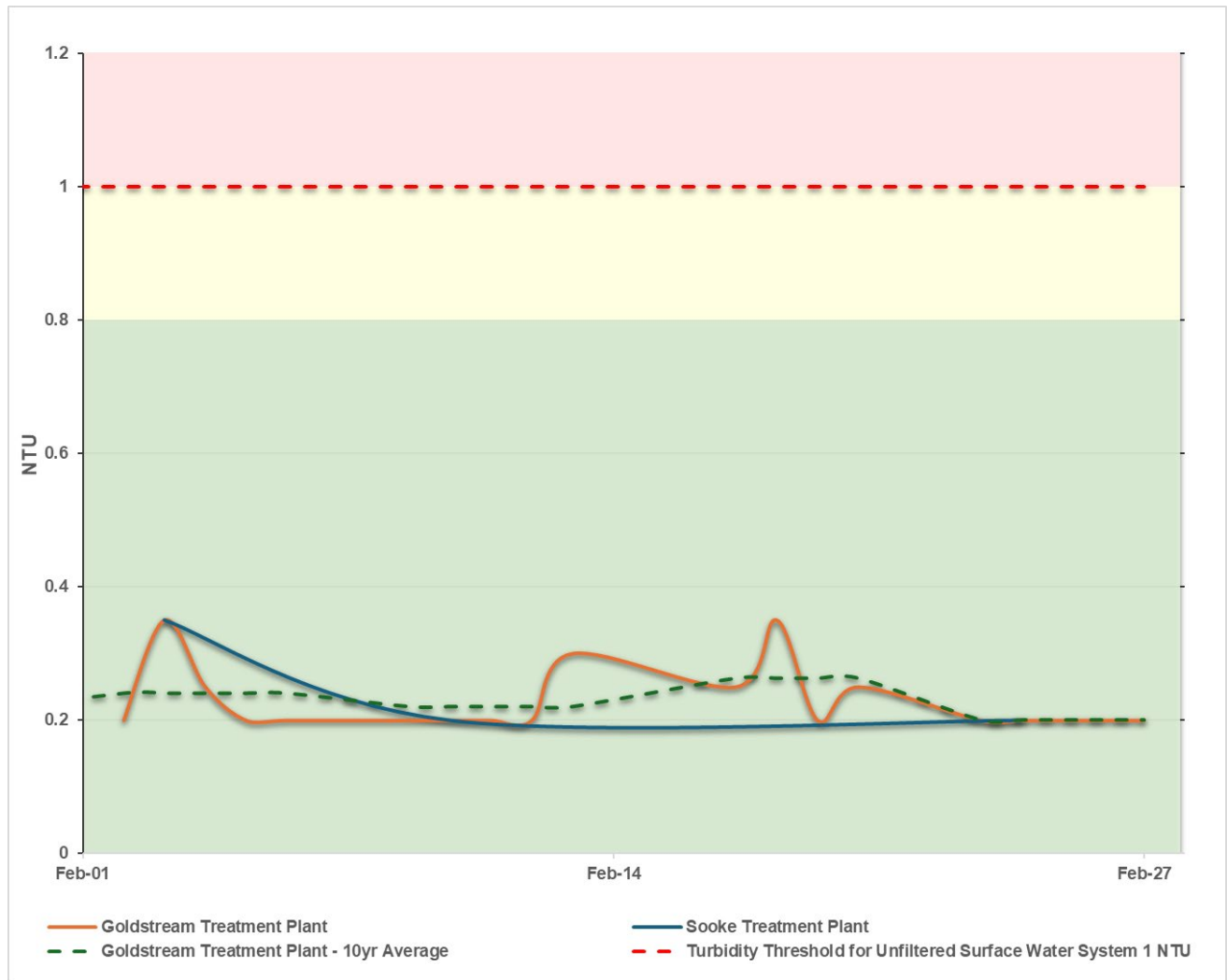
The following graph shows the daily measured total chlorine and monochloramine concentrations at the first treated water sampling stations downstream of the two CRD water treatment plants.



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

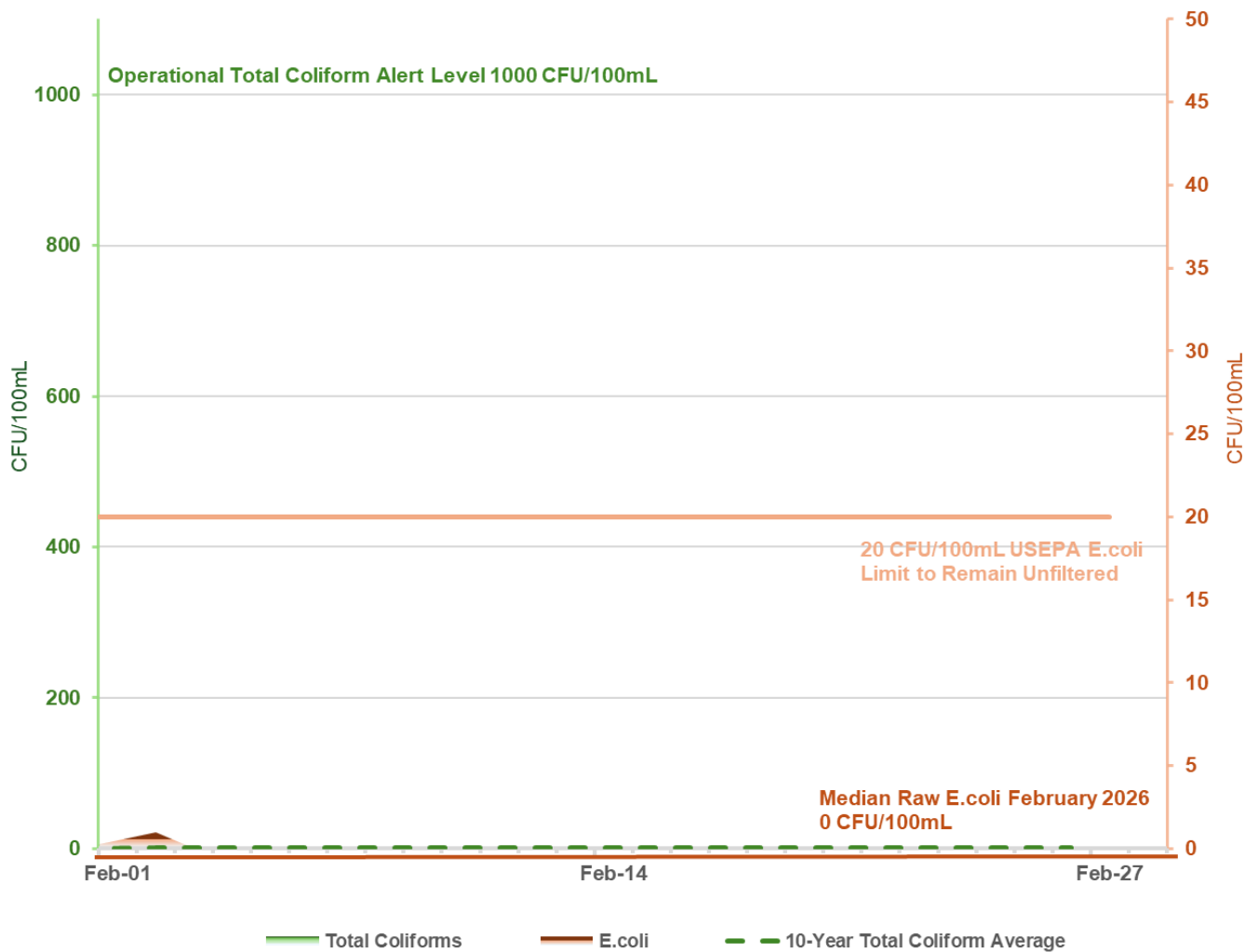
The following graph shows the raw water turbidity measured at both water treatment plants.



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.

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
Total	350	508	0	0	0	3	1.49	8.4

GREEN – Compliance with industry and/or health standards

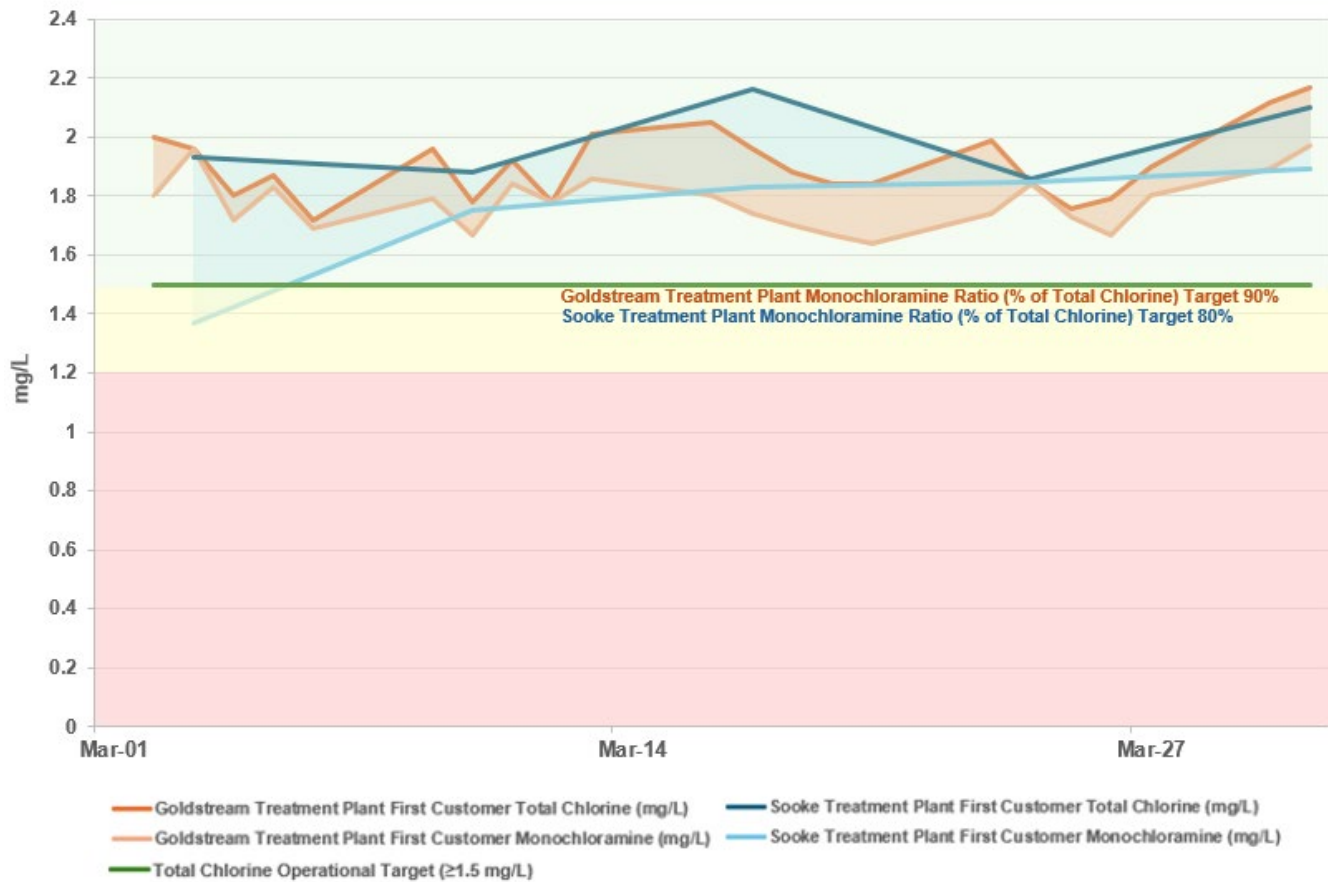
YELLOW – Exceedance of operational and/or aesthetic objectives

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

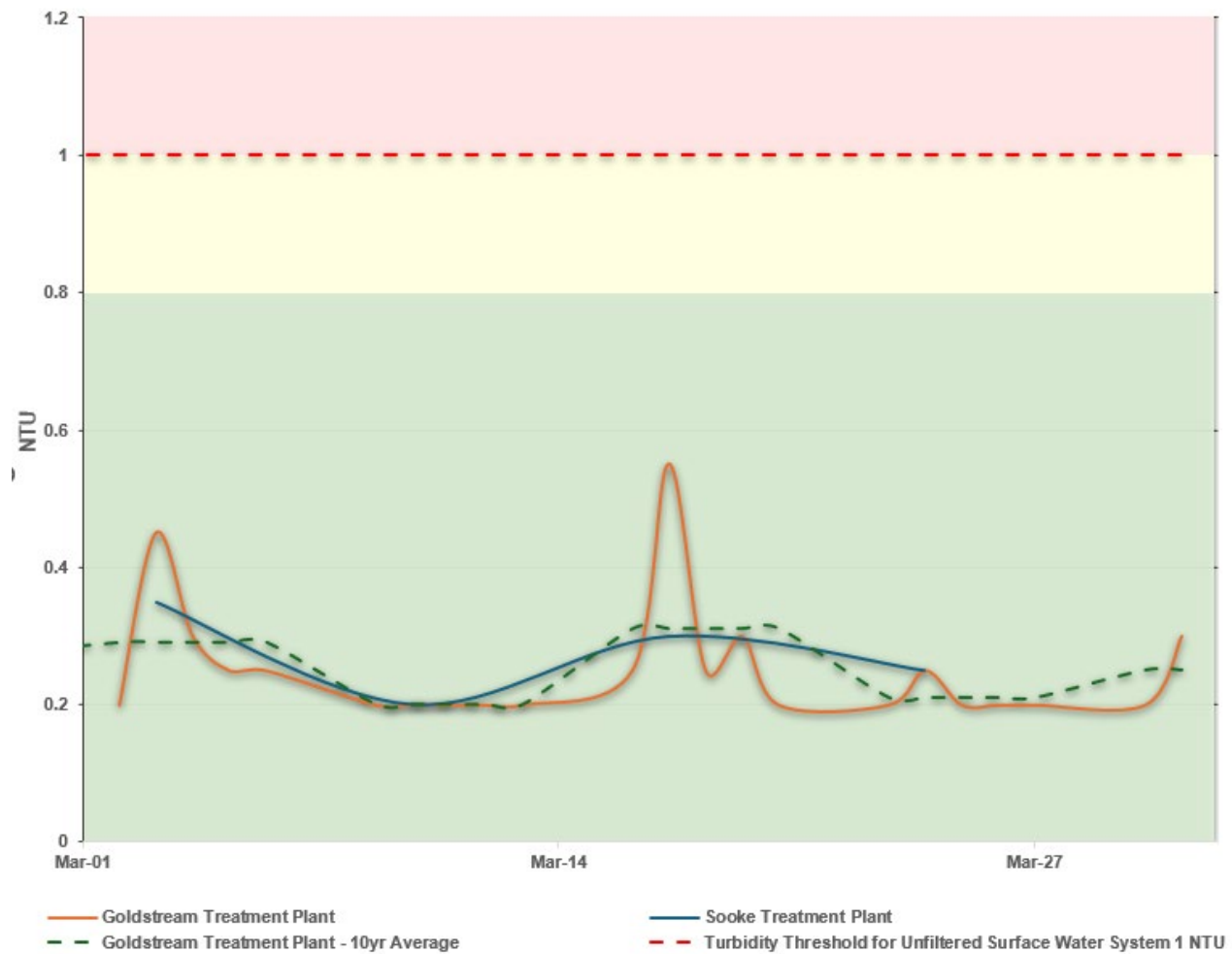
The following graph shows the daily measured total chlorine and monochloramine concentrations at the first treated water sampling stations downstream of the two CRD water treatment plants.



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

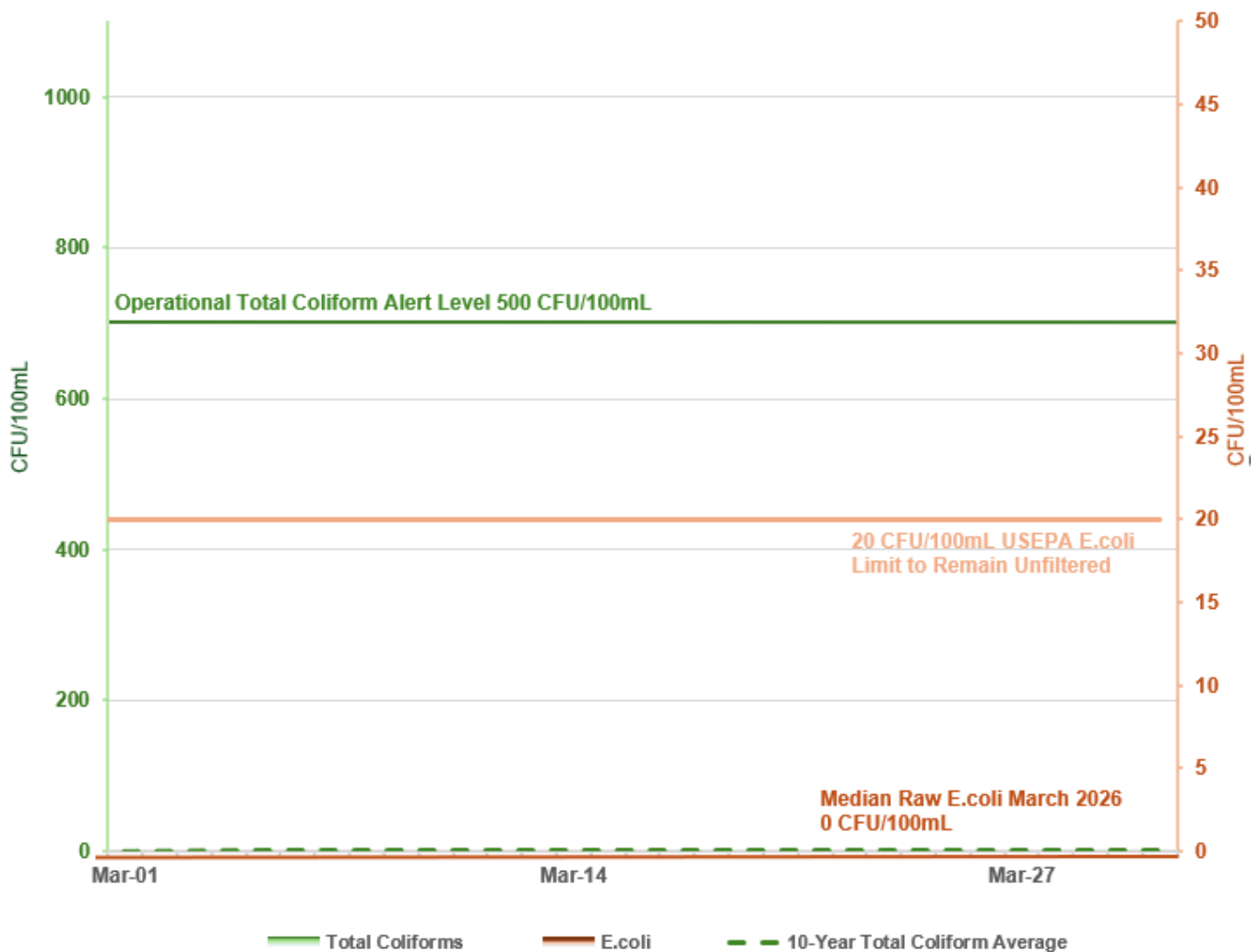
The following graph shows the raw water turbidity measured at both water treatment plants.



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.



**REPORT TO REGIONAL WATER SUPPLY COMMISSION
MEETING OF WEDNESDAY, NOVEMBER 19, 2025**

SUBJECT **Monthly Drinking Water Quality Dashboard**

ISSUE SUMMARY

To inform the Regional Water Supply Commission of the launch of a new dashboard that provides monthly updates on key drinking water quality parameters across the Greater Victoria Drinking Water System (GVDWS).

BACKGROUND

The Capital Regional District (CRD) monitors and reports on drinking water quality across the GVDWS, including source water, treatment performance, transmission and distribution system metrics. Historically, these data have been compiled into quarterly and annual reports, with limited interim access to summarized results.

In response to increasing interest in timely water quality information and to support transparency and operational responsiveness, staff have developed a new Monthly Drinking Water Quality Dashboard (Appendix A). This dashboard provides summaries of key water quality indicators and will be presented monthly to the Regional Water Supply Commission, attached to the meeting agenda. The dashboard does not replace formal reporting obligations under the *Drinking Water Protection Regulation* but serves as a supplementary communication tool.

IMPLICATIONS

Alignment with Board & Corporate Priorities

This initiative supports the CRD Board's strategic priorities related to service delivery excellence, transparency, and climate resilience. By enhancing access to drinking water quality data and enabling informed decision-making, the dashboard contributes to the CRD's commitment to evidence-based governance, proactive infrastructure management, and public trust in regional water supply services.

Social Implications

The dashboard promotes public confidence and environmental awareness by supporting informed, transparent communication about regional drinking water quality.

Service Delivery Implications

Commission members will have access to monthly summaries instead of quarterly reporting cycles, enabling more timely oversight and discussion.

CONCLUSION

Staff have developed a new dashboard to provide monthly updates on drinking water quality across the GVDWS, in response to growing interest in timely and transparent reporting. The dashboard’s design, operational value, and alignment with strategic priorities were considered, along with its implications. Staff are recommending that the Commission receive this report for information and endorse the monthly presentation of the dashboard. If endorsed, the dashboard will be presented at each Commission meeting, with updates available to the public through published agendas and minutes.

RECOMMENDATION

That the Regional Water Supply Commission receive this report for information and endorse the monthly presentation of the Drinking Water Quality Dashboard.

Submitted by:	Glenn Harris, Ph.D., R.P.Bio., Acting General Manager, Parks, Recreation & Environmental Services
Concurrence	Alicia Fraser, P. Eng., General Manager, Infrastructure and Water Services
Concurrence:	Ted Robbins, B. Sc., C. Tech., Chief Administrative Officer

ATTACHMENT

Appendix A: Monthly Drinking Water Quality Dashboard

Monthly Drinking Water Quality Dashboard



Water Quality Operations

Capital Regional District | October 2025

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	27	0	0	0	0	1.61	15.2
Saanich	94	105	1	1	1	0	1.48	15.2
North Saanich	13	21	0	0	0	0	1.51	15.4
Victoria / Esquimalt	93	101	1	0	1	0	1.62	15.9
Oak Bay	20	26	0	0	0	0	1.59	16.0
Sidney	14	18	0	0	0	0	1.55	16.2
Sooke/East Sooke	17	40	0	0	0	1	1.08	14.5
Westshore/ View Royal	82	101	0	0	0	0	1.46	15.6
Transmission Mains	n/a	78	0	0	0	0	1.79	14.6
Transmission Reservoirs	n/a	28	0	0	0	0	1.55	15.2
Total	350	545	2	1	2	1	1.55	15.3

GREEN – Compliance with industry and/or health standards

YELLOW – Exceedance of operational and/or aesthetic objectives

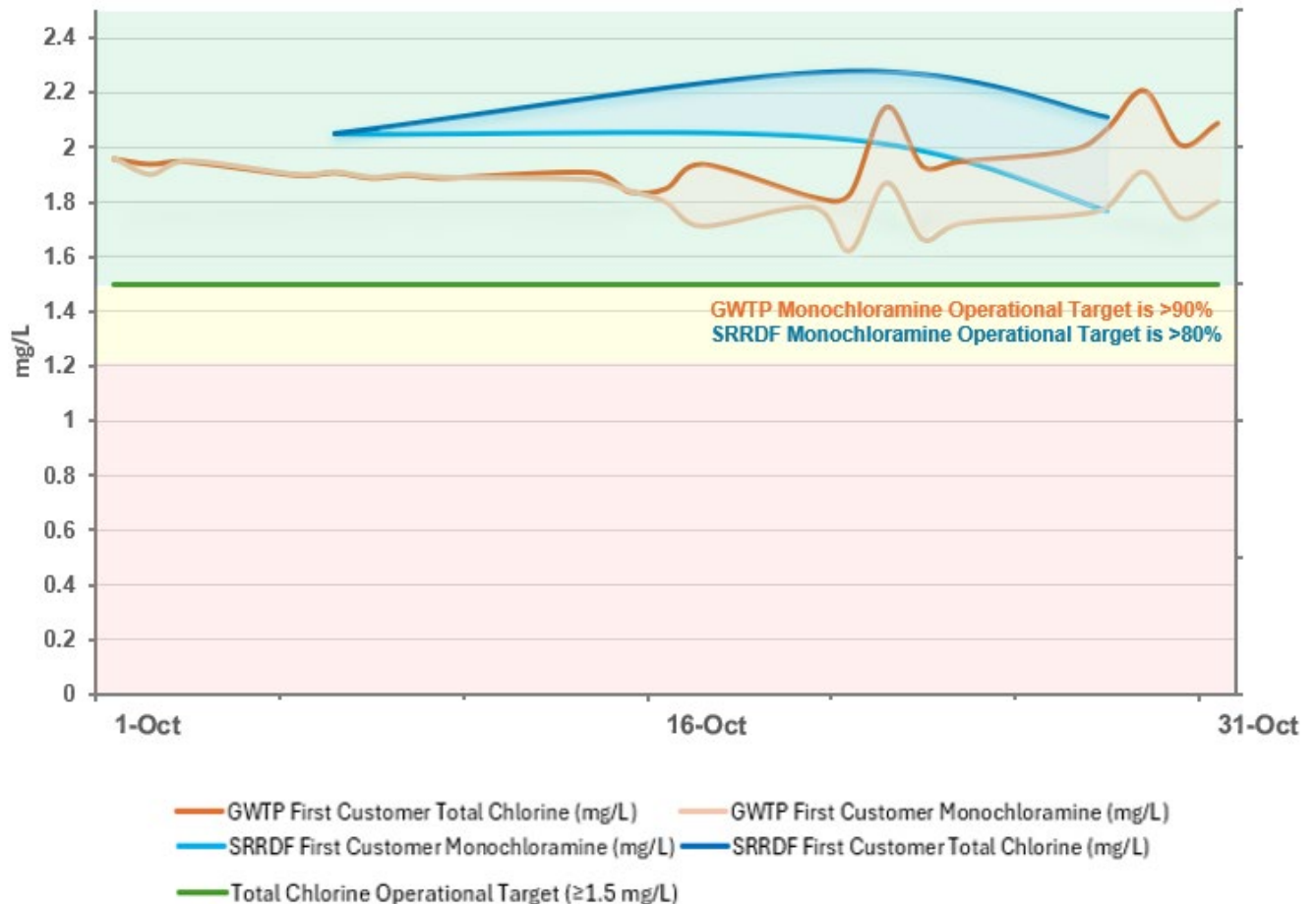
RED – Exceedance of industry and/or health standards

In October of 2025, all GVDWS systems were in compliance with provincial requirements and industry standards except for Saanich and Victoria with one sample each that contained total coliform concentrations > 10 CFU/100ml and Ecoli. Immediate emergency response measures by municipal and CRD staff, supported by comprehensive resampling, effectively ruled out any drinking water contamination. Most of the GVDWS was still in exceedance of the aesthetic objective for water temperature (< 15°C). Elevated water temperatures can promote biological regrowth within the distribution system, requiring increased operational effort to maintain drinking water quality.

October 2025

2. Treated Water | First Customer Goldstream Water Treatment Plant (GWTP) and First Customer Sooke River Road Disinfection Facility (SRRDF), Total Chlorine and Monochloramine

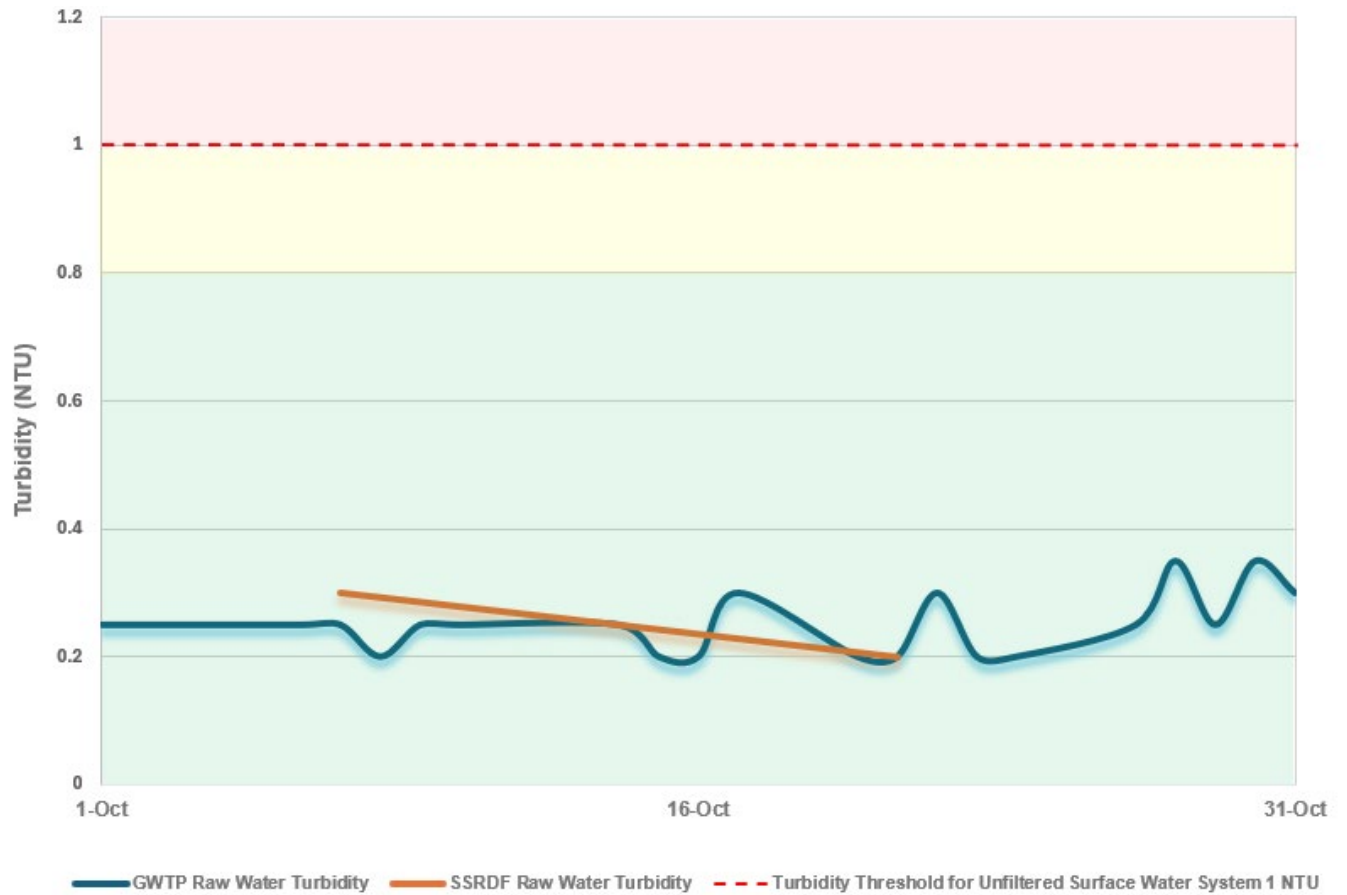
The following graph shows the daily measured total chlorine and monochloramine concentrations at the first treated water sampling stations downstream of the two CRD water treatment plants.



In October of 2025, the target concentration for total chlorine of 1.5 mg/L was consistently achieved at both plants. The SRRDF consistently met its 80% monochloramine target, whereas the GWTP fell slightly short of its 90% target on a regular basis after mid-October. Reaching these targets ensures adequate secondary disinfection throughout the distribution systems.

3. Raw Water Turbidity | Goldstream Water Treatment Plant and Sooke River Road Disinfection Facility

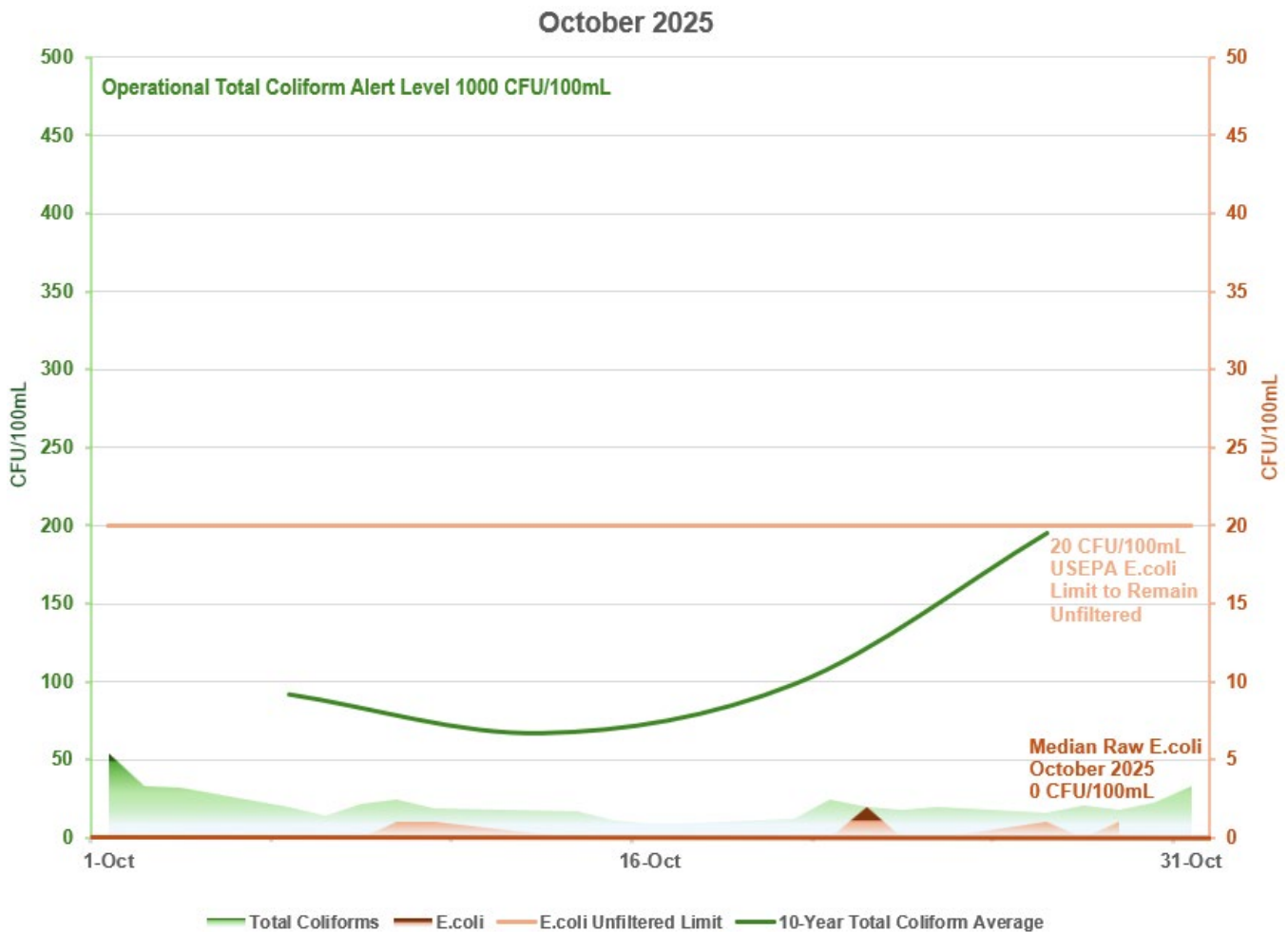
The following graph shows the raw water turbidity measured at both water treatment plants.



The GVDWS, an unfiltered surface water system, must consistently achieve turbidity levels under 1 NTU to meet regulatory standards. While the water turbidity at the GWTP exhibited slightly higher values during peak demand periods, the maximum turbidity levels remained well below the critical threshold of 1 NTU. The turbidity levels at SSRDF (less sampled) were less susceptible to fluctuations and were consistently very low. Overall, the turbidity levels in October 2025 were well within compliance.

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

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



Throughout October, total coliform bacteria levels were lower than the long-term average for the fall season. In October, E. coli levels were mostly below detection limits, with only sporadic low-level detections associated with runoff, reflecting the reservoir’s consistently low concentrations throughout the year.



Cross Connection Control Program

Presentation to the Water Advisory Committee

April 14, 2026

Introduction

- **Program Role:** The CRD Cross Connection Control Program (CCC) supports the Greater Victoria Drinking Water System's multi barrier approach to delivering safe, sustainable drinking water.
- **Mandate:** Identify, eliminate, and prevent cross connections within the Greater Victoria Drinking Water System.
- **Authority & Recognition:** Established under the *BC Drinking Water Protection Act* and authorized by *CRD Bylaw No. 3516* (June 2008); recipient of the BCWWA Excellence & Innovation Water & Waste Industry Award (2025).

Cross Connection Control (CCC)

Program

- Protecting Public Drinking Water

Resources

- 4.6 Full Time Equivalent Staff

2026 Budget

- \$872,762

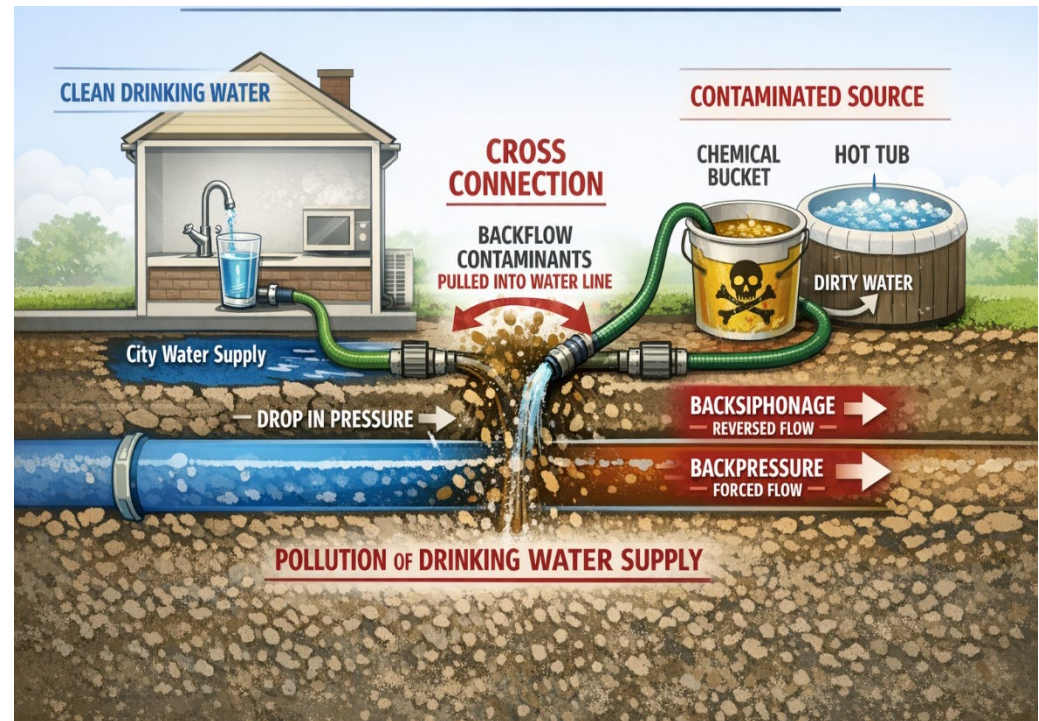
What is a Cross Connection?

What is a
Cross
Connection?

Cross Connection means an actual or potential connection between the Drinking Water System and a non-potable substance that can put the potable water at risk.

Cross Connection Examples

- Fire sprinkler
- Boilers
- Restaurant equipment
- Medical Equipment
- Water trucks
- Lawn irrigation



Testable Backflow Assemblies



Reduced Pressure Backflow Prevention Assembly (RP)



Double check valve assembly (DC)



Pressure Vacuum Breaker Assembly (PVB)



Spill-Resistant Pressure Vacuum Breaker Assembly (SVB)

Non-Testable Backflow Assemblies

Dual Check Valve



Hose Bibb VB



Vacuum Breaker



Vacuum Breaker



Program Strategy

- Regulations
- Inspections
- Testing
- Education
- Data Management



Program Strategy – Regulations

CRD

Making a difference...together



CAPITAL REGIONAL DISTRICT
BYLAW NO. 3516

Capital Regional District
Cross Connection Control Bylaw No. 1, 2008,

*A Bylaw to Protect Public Health by Controlling Cross Connections
in the Greater Victoria Drinking Water Supply System*

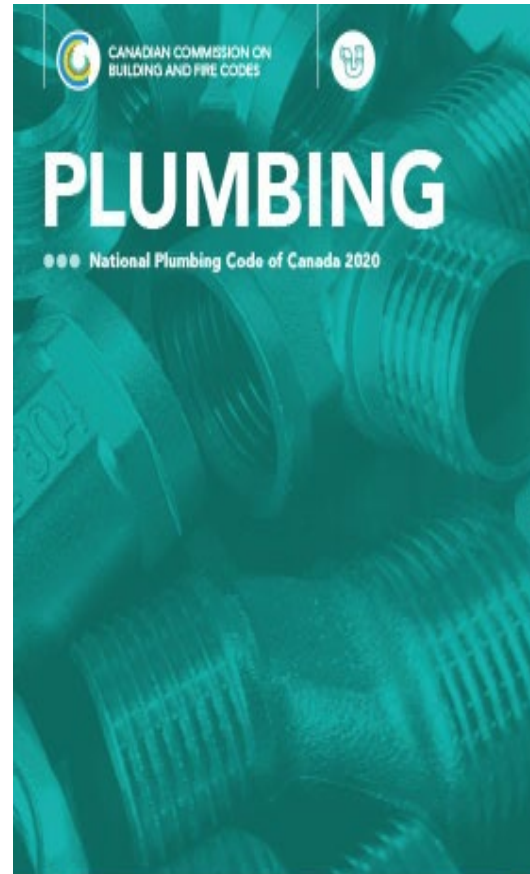
For technical enquiries regarding this Bylaw, please contact:

Scott Armour
Cross Connection Control Officer
Water Quality Division
Water Services Department
Capital Regional District
479 Island Highway
Victoria, BC V9B 1H7
T 250.474.9553
F 250.474.9672

For reference to original Bylaw and amendments, or for further details,
please contact CRD Water Services, 479 Island Highway, Victoria, BC, V9B 1H7

T 250.474.9600 F 250.474.4012
Website: www.crd.bc.ca

HDM1541764



Canada
National Research Council of Canada / Conseil national de recherches Canada

Canada



CSA B64.10:23/CSA B64.10.1:23
National Standard of Canada



Selection and installation of backflow preventers/Maintenance and field testing of backflow preventers



SCC CON

Program Strategy - Inspections

- Investigate actual or potential cross connections
- Register backflow assemblies
- Monitor the required device testing
- Investigate backflow incidents
- Complete annual audit program



Program Strategy - Testing

- 32,000 - Registered assemblies
- 22,000 – Annual tests
- 10,000 – Triennial tests i.e., Single Family Home Irrigation
- BCWWA Qualified Testers (300 individuals)



Program Strategy - Education

- Outreach
- Annual Inspectors Roundtable
- Stakeholder presentations
- Special interest Group Presentations
- Formal Training Programs



Program Strategies – Data Management

- Online Database (CRIMS)
- Public Portal (paperless)



(Build Date: 2025-10-15 02:41:19 PM) 2025.3.10.26986

Tracks inspections for various CRD sites

Capital Regional District (CRD)
Copyright © CRD 2025

Capital Regional District

Facility Information

Facility	Testing Required	Installed Devices
[#21869] - CRD TEST FACILITY 6 - Bob	Yes	9/15 not Assigned for Testing
[#87728] - Bob Test Facility - CRD Testing process only		0/0 Assigned for Testing
[#84136] - CRD TEST FACILITY 3 - Bob		0/0 Assigned for Testing

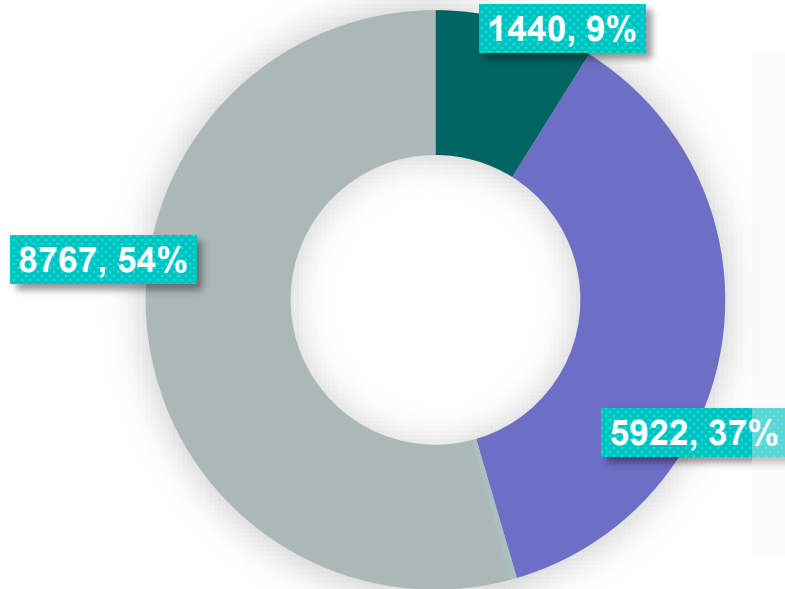
1 - 3 of 3 items

Log out

Audits – Facilities



FACILITIES BY HAZARD LEVEL



- Severe - Commercial 1440
- Moderate - Commercial 5922
- Moderate - Residential 8767

Program Strategy 2026/2027 Projects



Paperless Program



Development of new
CRIMS Portal



Bylaw No. 3516 Revision
2026/2027



Backflow Simulation
Model

Summary



**Protecting the Public Drinking
Water One Connection at a time.**

Questions & Feedback

- How is the Cross-Connection Control program perceived by WAC and/or public?
- Does a broad risk-based approach continue to make sense? Should the program reduce its focus on low risk (e.g., residential sprinklers) and dedicate more resources to high-risk sector oversight?
- Any suggestions for reaching out and promoting the program to the public or specific sectors?

Thank you

Water Resiliency Plan

Water Advisory Committee
April 14, 2026



Introductions

What is an example of emergency preparedness you have taken in your personal life?

Project Background & Scope

CRD Water Resiliency Plan:

- Background
- Purpose: Strengthen CRD's capacity to deliver water during and after emergencies
- Lead Consultant: Carollo Engineers



Why are we doing this?

- Leverage prior CRD water resiliency planning
- Coordinate water service groups and partners toward a regional approach
- Confirm long-term planning needs for a resilient backbone
- Define governance and responsibilities across service groups



CRD Water Resiliency Plan:

- Scope
 - Visioning Workshop
 - LOS & Gap Analysis: current vs. target
 - Interested Party Engagement
 - Governance Framework clarifying roles
 - Identify shared priorities
- Interested Party Engagement
 - Two in-person workshops with each Municipal Partner and Distribution System Owner
 - WAC engagement



WAC Engagement:

- Visioning Workshop
 - Facilitated open discussion
 - No right or wrong answers
 - Focus on shared insight and alignment
 - Scenario based discussion, example:
 - Wildfire
 - Earthquake
 - Localized event





Questions?

Connect with us



Capital Regional District



CRDVictoria



crd.ca



HOTSHEET AND ACTION LIST

Regional Water Supply Commission

The following is a quick snapshot of the FINAL decisions made at the meeting. The minutes will represent the official record of the meeting. A name has been identified beside each item for further action and follow-up.

Wednesday, November 19, 2025

1:30 PM

6th Floor Boardroom
625 Fisgard St.
Victoria, BC V8W 1R7

6. CONSENT AGENDA

- 6.1. 25-1224** Summary of Recommendations from Other Water Commissions **A. Fraser**

Recommendation: There is no recommendation. This report is for information only.

- 6.2. 25-1214** *Water Watch Report* **A. Fraser**

Recommendation: There is no recommendation. This report is for information only.

7. COMMISSION BUSINESS

- 7.1. 25-1185** *General Manager's Verbal Update – November* **A. Fraser**

Recommendation: There is no recommendation. This verbal update is for information only.

- 7.2. 25-1165** Monthly Drinking Water Quality Dashboard **G. Harris**

Recommendation: That the Regional Water Supply Commission receive this report for information and endorse the monthly presentation of the Drinking Water Quality Dashboard.

- 7.3. 25-1216** *Proposed Regional Water Supply Service Development Cost Charge Bylaw - Engagement Summary Vol. 3* **A. Fraser**

Recommendation: There is no recommendation. This report is for information only.

- 7.4. 25-1218** *Proposed Regional Water Supply Service Development Cost Charge Program and Bylaw - Update and Next Steps* **A. Fraser**

Alternative 2: That the Regional Water Supply Commission direct Capital Regional District (CRD) staff to prepare a draft Regional Water Supply Development Cost Charge (DCC) Bylaw for consideration at a future Commission meeting, and that the bylaw include a Municipal Assist Factor (MAF) of one percent.



HOTSHEET AND ACTION LIST

Regional Water Supply Commission

Wednesday, December 17, 2025

1:30 PM

**6th Floor Boardroom
625 Fisgard St.
Victoria, BC V8W 1R7**

Special Meeting

The following is a quick snapshot of the FINAL decisions made at the meeting. The minutes will represent the official record of the meeting. A name has been identified beside each item for further action and follow-up.

5. SPECIAL MEETING MATTERS

5.1. 25-1340 2025 Regional Water Supply Strategic Plan - Final

Recommendation: That the Regional Water Supply Commission:

1. Approve the 2025 Regional Water Supply Strategic Plan, which has been developed in consideration with a commitment to ongoing engagement and responsiveness to future input, as presented and direct staff to move forward with the actions identified; and
2. Direct staff to forward the 2025 Regional Water Supply Strategic Plan to the Capital Regional District Board for information and make the Plan available for public distribution.]

A. Fraser



HOTSHEET AND ACTION LIST

Regional Water Supply Commission

Wednesday, January 21, 2026

1:30 PM

6th Floor Boardroom
625 Fisgard St.
Victoria, BC V8W 1R7

The following is a quick snapshot of the FINAL decisions made at the meeting. The minutes will represent the official record of the meeting. A name has been identified beside each item for further action and follow-up.

ELECTION OF CHAIR – Commissioner Baird by acclamation

ELECTION OF VICE CHAIR – Commissioner Wagner by ballot

8. CONSENT AGENDA

8.1. **26-0042** Summary of Recommendations from Other Water Commissions

Recommendation: There is no recommendation. This report is for information only.

A. Fraser

8.2. **26-0037** *Water Watch Report*

Recommendation: There is no recommendation. This report is for information only.

A. Fraser

8.3. **26-0060** *Monthly Drinking Water Quality Dashboard - December 2025*

Recommendation: There is no recommendation. This report is for information only.

REMOVED FROM CONSENT

G. Harris

8.4. **25-1349** *2025 Regional Water Supply Watershed Tours and Classroom Education*

Recommendation: There is no recommendation. This report is for information only.

REMOVED FROM CONSENT

A. Fraser

9. COMMISSION BUSINESS

9.1. **26-0030** *General Manager's Verbal Update - January*

Recommendation: There is no recommendation. This verbal update is for information only.

A. Fraser

9.2. 25-0038 Bylaw No. 4658: Regional Water Supply Service Development Cost Charge Bylaw No. 1, 2026

Recommendation: That the Regional Water Supply Commission recommend to the Capital Regional District Board that:

1. Bylaw No. 4658, "Regional Water Supply Service Development Cost Charge Bylaw No. 1, 2026" be introduced and read a first, second and third time; and (WP - All)
2. Bylaw No. 4658, "Regional Water Supply Service Development Cost Charge Bylaw No. 1, 2026" be submitted to the British Columbia Inspector of Municipalities for Statutory Approval pursuant to the Local Government Act. (NWA)

A. Fraser

9.3. 25-1350 *Leech Restoration Project Closeout Report*

Recommendation: There is no recommendation. This report is for information only.

A. Fraser



HOTSHEET AND ACTION LIST

Regional Water Supply Commission

Wednesday, February 18, 2026

1:30 PM

6th Floor Boardroom
625 Fisgard St.
Victoria, BC V8W 1R7

The following is a quick snapshot of the FINAL decisions made at the meeting. The minutes will represent the official record of the meeting. A name has been identified beside each item for further action and follow-up.

6. CONSENT AGENDA

6.1. **26-0182** Summary of Recommendations from Other Water Commissions

Recommendation: There is no recommendation. This report is for information only.

A. Fraser

6.2. **26-0181** *Water Watch Report*

Recommendation: There is no recommendation. This report is for information only.

A. Fraser

6.3. **26-0171** *Monthly Drinking Water Quality Dashboard*

Recommendation: There is no recommendation. This report is for information only.

G. Harris

7. COMMISSION BUSINESS

7.1. **26-0031** *General Manager's Verbal Update – February*

Recommendation: There is no recommendation. This verbal update is for information only.

A. Fraser

7.2. **26-0121** Summary of Peak Demands and High Water Users - Operational Implications and Action Plan

Recommendation: There is no recommendation. This report is for information only.

G. Harris



HOTSHEET AND ACTION LIST

Regional Water Supply Commission

Wednesday, March 18, 2026

1:30 PM

6th Floor Boardroom
625 Fisgard St.
Victoria, BC V8W 1R7

The following is a quick snapshot of the FINAL decisions made at the meeting. The minutes will represent the official record of the meeting. A name has been identified beside each item for further action and follow-up.

6. CONSENT AGENDA

- 6.1. 26-0336** Water Watch Report A. Fraser

Recommendation: There is no recommendation. This report is for information only.

- 6.2. 26-0317** *Monthly Drinking Water Quality Dashboard* A. Fraser

Recommendation: There is no recommendation. This report is for information only.

7. COMMISSION BUSINESS

- 7.1. 26-0339** *General Manager's Verbal Update – March* A. Fraser

Recommendation: There is no recommendation. This verbal update is for information only.

- 7.2. 26-0331** Bylaw No. 4754, Water Advisory Committee Bylaw No. 1, 1997, Repeal Bylaw No. 1, 2026 and Revised of Terms of Reference

A. Fraser, K. Morley

Recommendation: The Regional Water Supply Commission recommends to the Capital Regional District Board:

1. That Bylaw No. 4754, "Water Advisory Committee Bylaw No. 1, 1997, Repeal Bylaw No. 1, 2026," be introduced and read a first, second and third time;
2. That Bylaw No. 4754 be adopted; and
3. That the revised Water Advisory Committee Terms of Reference be approved.
(NWA)

CAPITAL REGIONAL DISTRICT - INFRASTRUCTURE & WATER SERVICES**Water Watch**

Issued April 07, 2026

Water Supply System Summary:**1. Useable Volume in Storage:**

Reservoir	April 30 5 Year Ave		April 30/25		April 5/26		% Existing Full Storage
	ML	MIG	ML	MIG	ML	MIG	
Sooke	91,843	20,206	91,279	20,081	92,727	20,400	100.0%
Goldstream	9,668	2,127	9,824	2,161	9,905	2,179	99.9%
Total	101,511	22,332	101,103	22,243	102,632	22,579	100.0%

2. Average Daily Demand:

For the month of April	106.2 MLD	23.4 MIGD
For week ending April 05, 2026	107.2 MLD	23.6 MIGD
Max. day April 2026, to date:	107.4 MLD	23.6 MIGD

3. Average 5 Year Daily Demand for April

Average (2021 - 2025)	116.9 MLD ¹	25.7 MIGD ²
-----------------------	------------------------	------------------------

¹MLD = Million Litres Per Day ²MIGD = Million Imperial Gallons Per Day

4. Rainfall April:

Average (1914 - 2025):	89.1 mm
Actual Rainfall to Date	8.7 mm (10% of monthly average)

5. Rainfall: Sep 1- Apr 5

Average (1914 - 2025):	1,428.4 mm
2025/2026	1,543.8 mm (108% of average)

6. Water Conservation Required Action:

Spring is a great time to check for leaks in your home and yard.

A leaky toilet can waste 20 - 40 litres of water per hour.

Learn how to find and fix leaks on our website at:

<https://www.crd.ca/environment/water-conservation/conserving-water-home/fix-leak>

For general information regarding water conservation, visit the CRD webpage linked below:

CRD Water Conservation Homepage: <https://www.crd.ca/environment/water-conservation>

If you require further information, please contact:

Alicia Fraser, P. Eng.
General Manager, CRD - Infrastructure and Water Services
or
Glenn Harris, Ph D., RPBio
Senior Manager - Environmental Protection

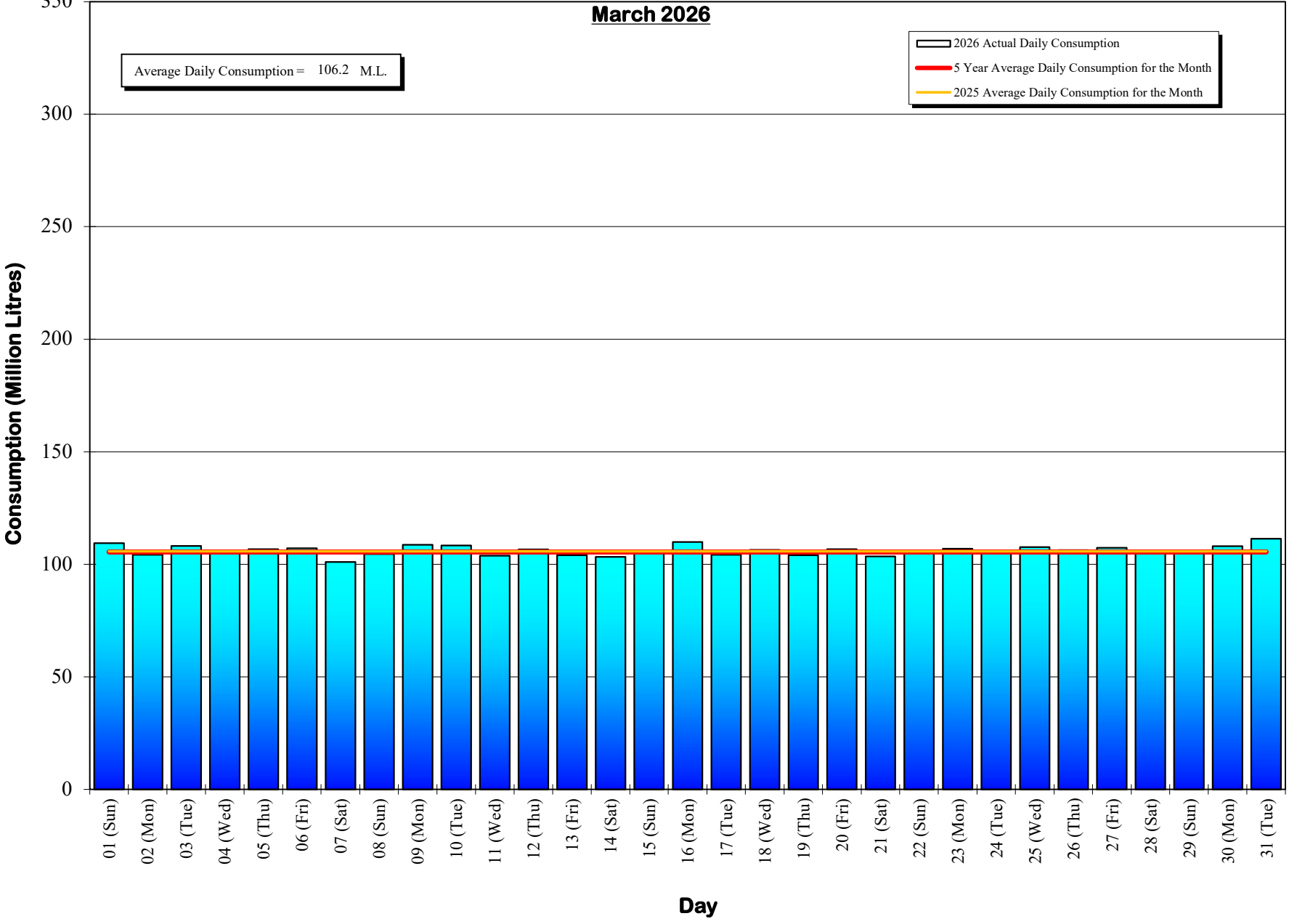
CRD Infrastructure & Water Services
479 Island Highway
Victoria, BC V9B 1H7
(250) 474-9600

Daily Consumption

March 2026

Average Daily Consumption = 106.2 M.L.

- 2026 Actual Daily Consumption
- 5 Year Average Daily Consumption for the Month
- 2025 Average Daily Consumption for the Month

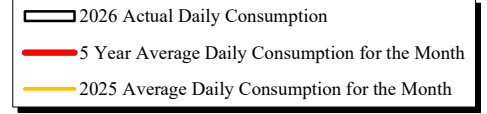


Daily Consumption

April 2026

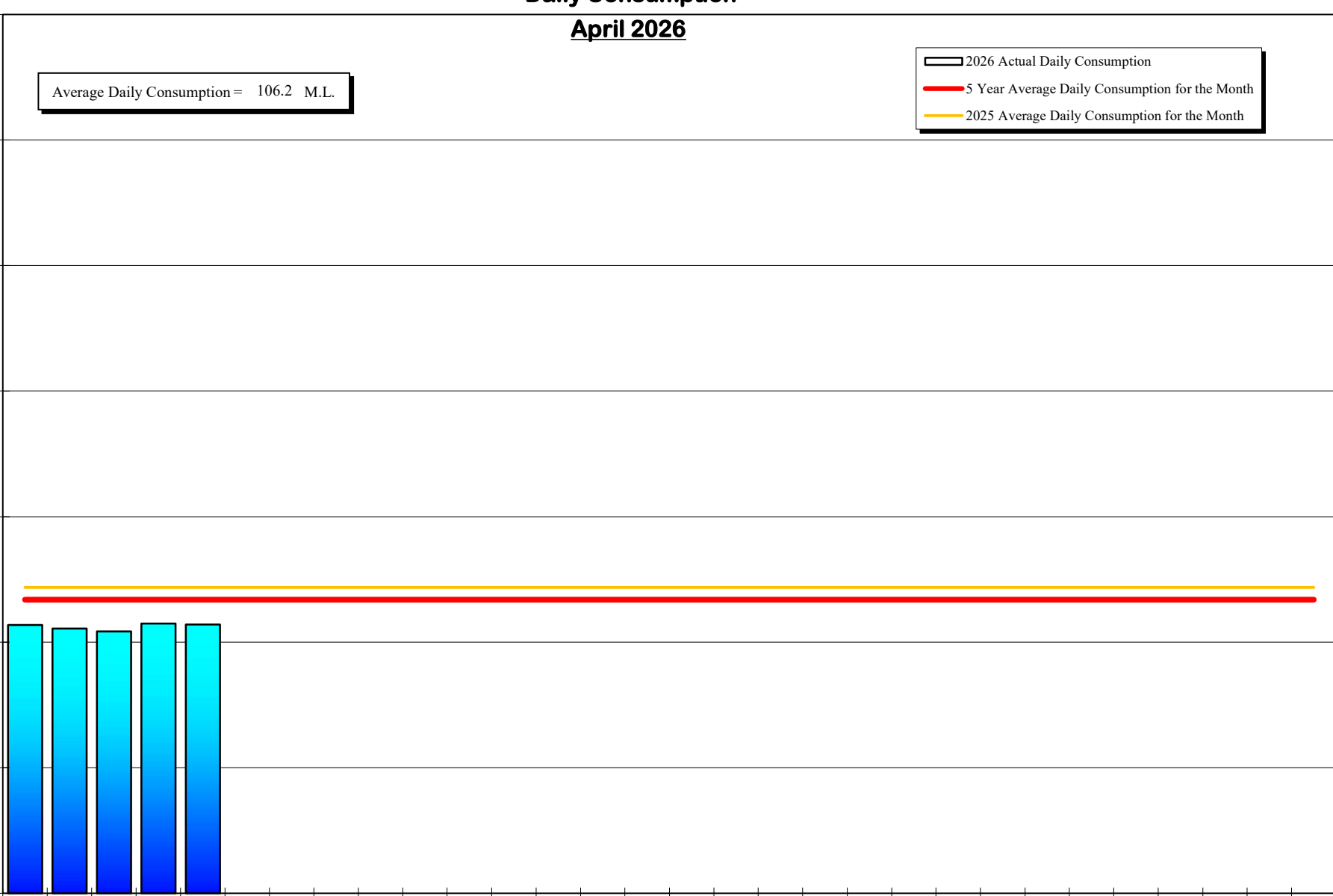
Consumption (Million Litres)

Average Daily Consumption = 106.2 M.L.



01 (Wed) 02 (Thu) 03 (Fri) 04 (Sat) 05 (Sun) 06 (Mon) 07 (Tue) 08 (Wed) 09 (Thu) 10 (Fri) 11 (Sat) 12 (Sun) 13 (Mon) 14 (Tue) 15 (Wed) 16 (Thu) 17 (Fri) 18 (Sat) 19 (Sun) 20 (Mon) 21 (Tue) 22 (Wed) 23 (Thu) 24 (Fri) 25 (Sat) 26 (Sun) 27 (Mon) 28 (Tue) 29 (Wed) 30 (Thu)

Day



Daily Consumptions: - March 2026

Date	Total Consumption		Air Temperature @ Japan Gulch		Weather Conditions	Precipitation @ Sooke Res.: 12:00am to 12:00am			
	(ML) ¹	(MIG) ²	High (°C)	Low (°C)		Rainfall (mm)	Snowfall ⁷ (mm)	Total Precip.	
01 (Sun)	109.4	24.1	11	0	Cloudy / P. Sunny / Showers	0.2	0.0	0.2	
02 (Mon)	104.3	23.0	11	1	Sunny	0.0	0.0	0.0	
03 (Tue)	108.2	23.8	11	5	Cloudy / Showers	7.0	0.0	7.0	
04 (Wed)	106.1	23.3	11	6	Cloudy / P. Sunny / Showers	11.5	0.0	11.5	
05 (Thu)	106.7	23.5	11	5	Cloudy / P. Sunny / Showers	2.4	0.0	2.4	
06 (Fri)	107.1	23.6	8	6	Cloudy / Showers	8.4	0.0	8.4	
07 (Sat)	101.1	<=Min	22.2	13	7	Cloudy / Showers	5.0	0.0	5.0
08 (Sun)	104.6	23.0	10	1	Cloudy / P. Sunny / Showers	1.7	0.0	1.7	
09 (Mon)	108.7	23.9	5	0	Cloudy / P. Sunny / Showers	2.7	0.0	2.7	
10 (Tue)	108.4	23.9	5	-1	Cloudy / P. Sunny / Showers	11.9	0.0	11.9	
11 (Wed)	103.8	22.8	10	2	Cloudy / Rain	39.5	0.0	39.5	
12 (Thu)	106.6	23.5	5	2	Cloudy / Showers	10.2	0.0	10.2	
13 (Fri)	104.0	22.9	6	1	Cloudy / Showers	1.0	0.0	1.0	
14 (Sat)	103.3	22.7	7	0	Cloudy / P. Sunny / Showers	0.2	0.0	0.2	
15 (Sun)	106.2	23.4	7	1	Cloudy / Showers	9.4	0.0	9.4	
16 (Mon)	109.9	24.2	10	2	Cloudy / Fog / Rain	27.3	0.0	27.3	
17 (Tue)	104.2	22.9	11	8	Cloudy / Fog / Showers	10.8	0.0	10.8	
18 (Wed)	106.4	23.4	13	8	Cloudy / Fog / Showers	14.8	0.0	14.8	
19 (Thu)	104.0	22.9	14	9	Cloudy / Fog / Showers	8.4	0.0	8.4	
20 (Fri)	106.7	23.5	13	3	Cloudy / Rain	18.5	0.0	18.5	
21 (Sat)	103.5	22.8	10	1	Cloudy / P. Sunny	0.0	0.0	0.0	
22 (Sun)	105.8	23.3	9	2	Cloudy / P. Sunny / Showers	3.2	0.0	3.2	
23 (Mon)	106.9	23.5	10	0	Cloudy / P. Sunny	0.0	0.0	0.0	
24 (Tue)	106.1	23.4	11	4	Cloudy / P. Sunny / Showers	14.4	0.0	14.4	
25 (Wed)	107.7	23.7	6	1	Cloudy / P. Sunny / Showers	12.2	0.0	12.2	
26 (Thu)	106.3	23.4	9	0	Cloudy / P. Sunny / Showers	0.2	0.0	0.2	
27 (Fri)	107.3	23.6	12	2	Cloudy / P. Sunny	0.0	0.0	0.0	
28 (Sat)	105.2	23.1	11	2	Cloudy / P. Sunny	0.0	0.0	0.0	
29 (Sun)	105.7	23.3	6	0	Cloudy / P. Sunny / Showers	2.5	0.0	2.5	
30 (Mon)	108.1	23.8	8	-1	Cloudy / P. Sunny / Showers	0.2	0.0	0.2	
31 (Tue)	111.4	<=Max	24.5	11	1	Cloudy	0.0	0.0	0.0
TOTAL	3293.7 ML	724.63 MIG				223.6	0	223.6	
MAX	111.4	24.50	14	9		39.5	0	39.5	
AVG	106.2	23.38	9.5	2.4		7.2	0	7.2	
MIN	101.1	22.25	5	-1		0.0	0	0.0	

1. ML = Million Litres

2. 10% of snow depth applied to rainfall figures for snow to water equivalent.

Average Rainfall for March (1914-2025)	158.6 mm
Actual Rainfall: March	223.6 mm
% of Average	141%
Average Rainfall (1914-2025): Sept 01 - Apr 05	1,410.4 mm
Actual Rainfall (2025/26): Sept 01 - Apr 05	1,543.8 mm
% of Average	109%

Number days with precip. 0.2 or more
23

Water spilled at Sooke Reservoir to date (since Sept. 1) = 4.25 Billion Imperial Gallons
19.30 Billion Litres

Daily Consumptions: - April 2026

Date	Total Consumption		Air Temperature @ Japan Gulch		Weather Conditions	Precipitation @ Sooke Res.: 12:00am to 12:00am		
	(ML) ¹	(MIG) ²	High (°C)	Low (°C)		Rainfall (mm)	Snowfall ⁷ (mm)	Total Precip.
01 (Wed)	106.8	23.5	8	4	Cloudy / Showers	6.6	0.0	6.6
02 (Thu)	105.4	23.2	12	4	Cloudy / P. Sunny	0.0	0.0	0.0
03 (Fri)	104.3 <=Min	23.0	12	5	Cloudy / Showers	2.1	0.0	2.1
04 (Sat)	107.4 <=Max	23.6	15	5	Cloudy / P. Sunny	0.0	0.0	0.0
05 (Sun)	107.0	23.5	18	5	Cloudy / P. Sunny	0.0	0.0	0.0
06 (Mon)								
07 (Tue)								
08 (Wed)								
09 (Thu)								
10 (Fri)								
11 (Sat)								
12 (Sun)								
13 (Mon)								
14 (Tue)								
15 (Wed)								
16 (Thu)								
17 (Fri)								
18 (Sat)								
19 (Sun)								
20 (Mon)								
21 (Tue)								
22 (Wed)								
23 (Thu)								
24 (Fri)								
25 (Sat)								
26 (Sun)								
27 (Mon)								
28 (Tue)								
29 (Wed)								
30 (Thu)								
TOTAL	530.9 ML	116.78 MIG				8.7	0	8.7
MAX	107.4	23.62	18	5		6.6	0	6.6
AVG	106.2	23.36	13.0	4.8		1.7	0	1.7
MIN	104.3	22.95	8	4		0.0	0	0.0

1. ML = Million Litres

2. 10% of snow depth applied to rainfall figures for snow to water equivalent.

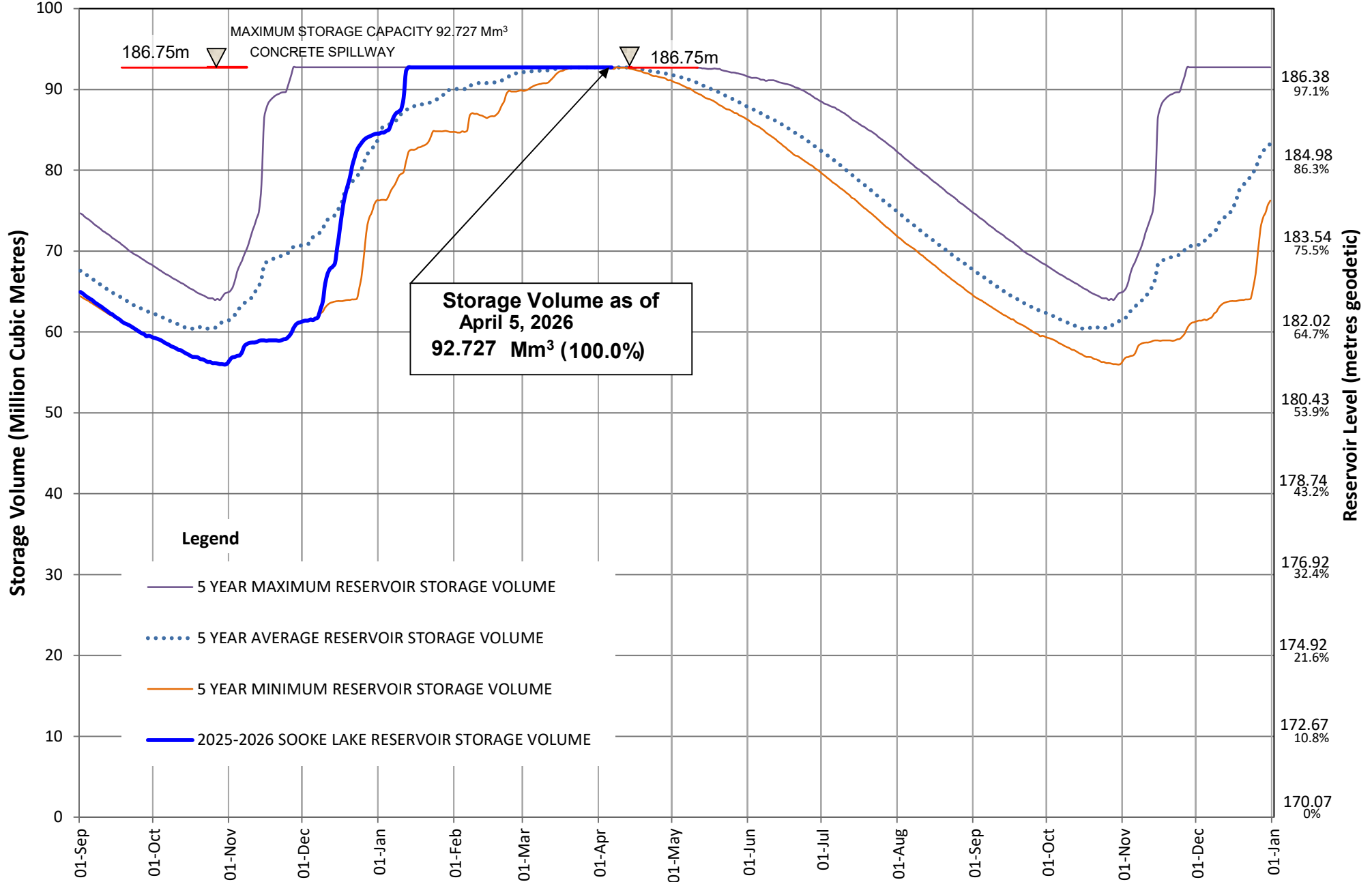
Average Rainfall for April (1914-2025)	89.1 mm
Actual Rainfall: April	8.7 mm
% of Average	10%
Average Rainfall (1914-2025): Sept 01 - Apr 05	1,428.4 mm
Actual Rainfall (2025/26): Sept 01 - Apr 05	1,543.8 mm
% of Average	108%

Number days with precip. 0.2 or more
2

Water spilled at Sooke Reservoir to date (since Sept. 1) = 4.25 Billion Imperial Gallons
19.30 Billion Litres

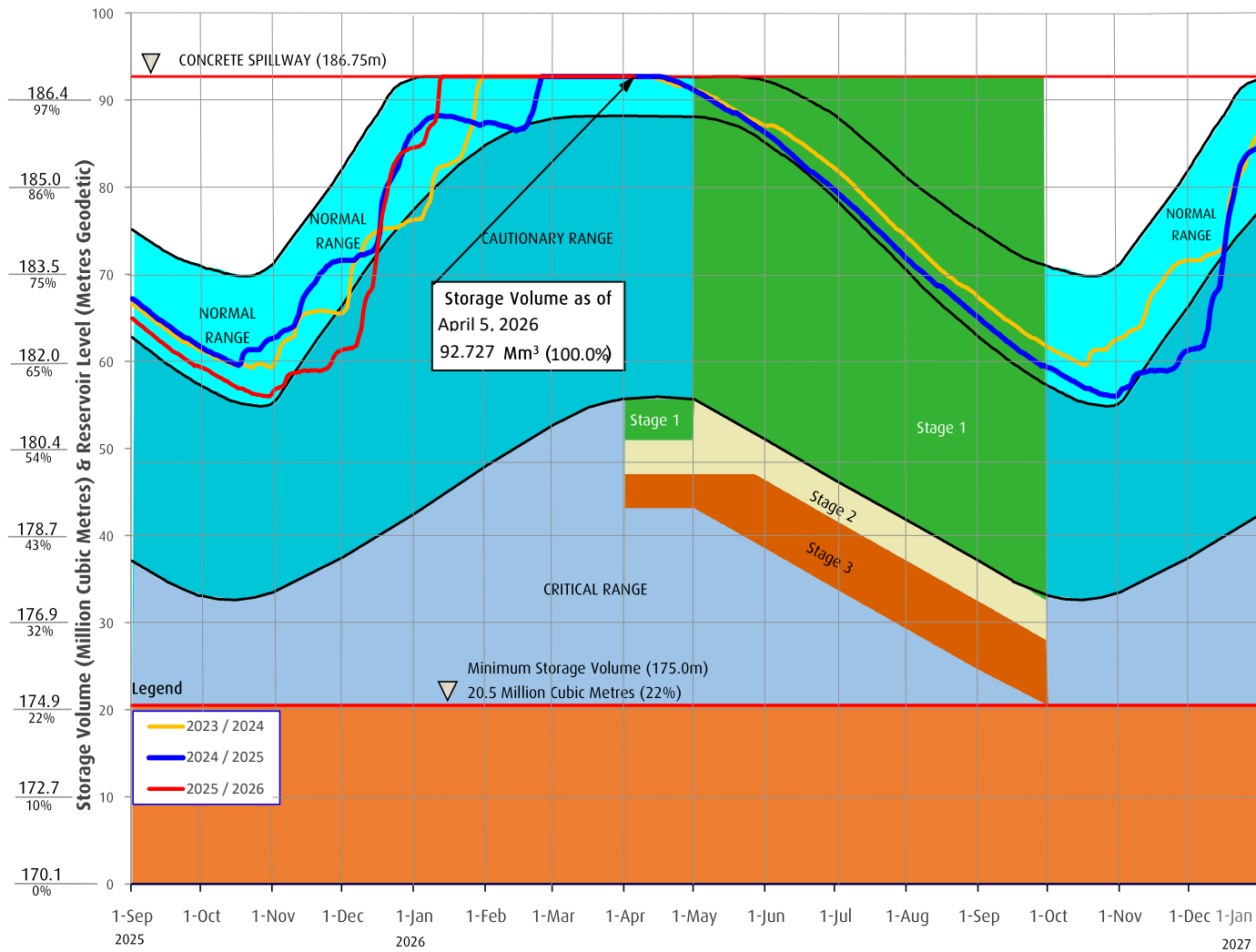
SOOKE LAKE RESERVOIR STORAGE SUMMARY

2025 / 2026



Sooke Lake Reservoir Storage Level

Water Supply Management Plan



FAQs

How are water restriction stages determined?

Several factors are considered when determining water use restriction stages, including,

1. Time of year and typical seasonal water demand trends;
2. Precipitation and temperature conditions and forecasts;
3. Storage levels and storage volumes of water reservoirs (Sooke Lake Reservoir and the Goldstream Reservoirs) and draw down rates;
4. Stream flows and inflows into Sooke Lake Reservoir;
5. Water usage, recent consumption and trends; and customer compliance with restriction;
6. Water supply system performance.

The Regional Water Supply Commission will consider the above factors in making a determination to implement stage 2 or 3 restrictions, under the Water Conservation Bylaw.

At any time of the year and regardless of the water use restriction storage, customers are encouraged to limit discretionary water use in order to maximize the amount of water in the Regional Water Supply System Reservoirs available for nondiscretionary potable water use.

Stage 1 is normally initiated every year from May 1 to September 30 to manage outdoor use during the summer months. During this time, lawn watering is permitted twice a week at different times for even and odd numbered addresses.

Stage 2 is initiated when it is determined that there is an acute water supply shortage. During this time, lawn water is permitted once a week at different times for even and odd numbered addresses.

Stage 3 is initiated when it is determined that there is a severe water supply shortage. During this time, lawn watering is not permitted. Other outdoor water use activities are restricted as well.

For more information, visit www.crd.bc.ca/drinkingwater



Useable Reservoir Volumes in Storage for April 05, 2026

