



## Notice of Meeting and Meeting Agenda Saanich Peninsula Water Commission

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Thursday, January 16, 2025

9:30 AM

Sidney Community Safety Building, 2245  
Oakville Ave., Sidney, BC

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MS Teams Link: [Click Here](#)

E. Diller; M. Doehnel; D. Halldorson; P. Jones; D. Kelbert; Z. King; C. McNeil-Smith; R. Novek;  
S. Shrivastava; R. Windsor

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 Chair

### 3. Election of Vice Chair

### 4. Approval of Agenda

### 5. Adoption of Minutes

#### 5.1. [25-0008](#) Minutes of the October 17, 2024 Saanich Peninsula Water Commission Meeting

**Recommendation:** That the minutes of the Saanich Peninsula Water Commission meeting of October 17, 2024 be adopted as circulated.

**Attachments:** [Minutes - October 17, 2024](#)

### 6. Chair's Remarks

### 7. Presentations/Delegations

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

*Delegations will have the option to participate electronically. Please complete the online application at [www.crd.bc.ca/address](http://www.crd.bc.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 CRD Board at [crdboard@crd.bc.ca](mailto:crdboard@crd.bc.ca).*

### 8. Commission Business

8.1.      [25-0012](#)      Saanich Peninsula Water Commission Appointment to Water Advisory Committee

**Recommendation:** That the Vice Chair of the Saanich Peninsula Water Commission be appointed as the Commission's representative on the Water Advisory Committee for a one-year term ending December 31, 2025.

**Attachments:**      [Staff Report: Saanich Peninsula Water Commission Appointment to WAC](#)  
[Appendix A: WAC Terms of Reference](#)

8.2.      [25-0009](#)      Summary of Recommendations from Other Water Commissions

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

**Attachments:**      [Summary of Recommendations from Other Water Commissions](#)

8.3.      [25-0006](#)      Water Watch Report

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

**Attachments:**      [Water Watch Report](#)

**9. Notice(s) of Motion**

**10. New Business**

**11. Adjournment**

The next meeting is March 20, 2025.

To ensure quorum, please advise IWS ([iwsadministration@crd.bc.ca](mailto:iwsadministration@crd.bc.ca)) if you or your alternate cannot attend.



Making a difference...together

**MINUTES OF A MEETING OF THE Saanich Peninsula Water Commission, held Thursday, October 17, 2024 at 9:30 a.m., Meeting Room 2, Sidney Community Safety Building, 2245 Oakville Ave., Sidney, BC**

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**PRESENT: Commissioners:** D. Kelbert (Chair); M. Doehnel (Vice Chair); S. Duncan; D. Halldorson; C. McNeil-Smith; S. Shrivastava; C. Stock (for P. Jones)

**Staff:** A. Fraser, General Manager, Integrated Water Services; G Harris, Senior Manager Environmental Protection; J. Dales, Senior Manager, Wastewater Infrastructure Operations; J. Kelly, Manager, Capital Projects; D. Green, Sr Supervisor Regional Source Control Environmental Protection; B. Rudolph, Stormwater Officer, Environmental Protection; L. Westinghouse, Manager, Revenue, Financial Services; Y. Li, Senior Financial Officer, Financial Services; D. Dionne, Manager, Business Support Services, Integrated Water Services (Recorder)

**REGRETS:** Z. King; C. Pinches; R. Windsor

EP = Electronic Participation

The meeting was called to order at 9:31 am.

**1. TERRITORIAL ACKNOWLEDGEMENT**

The Chair provided the Territorial Acknowledgement.

**2. APPROVAL OF AGENDA**

The agenda was amended to move Item 7.2., Update on Amalgamation Study, to be presented before Item 7.1.

**MOVED** by Alt. Commissioner Stock, **SECONDED** by Commissioner Halldorson, That the agenda be approved as amended.

**CARRIED**

**3. ADOPTION OF MINUTES**

**MOVED** by Commissioner Shrivastava, **SECONDED** by Commissioner McNeil-Smith, That the minutes of the July 18, 2024 Saanich Peninsula Water Commission meeting be adopted.

**CARRIED**

**4. CHAIR'S REMARKS**

Today at 10:17 am we acknowledge that the Great BC ShakeOut serves as our annual reminder that we live and work in an area of high seismic activity.

What to do if you feel shaking, remember: Drop, Cover, and Hold On for at least 60 seconds or until the shaking completely stops. Only evacuate if directed to or if you're facing an immediate life-threatening situation, such as a tsunami.

## 5. PRESENTATIONS/DELEGATIONS

There were no presentations or delegations.

## 6. GENERAL MANAGER'S REPORT

The General Manager had no report.

## 7. COMMISSION BUSINESS

### 7.1. Saanich Peninsula Water Service 2025 Capital and Operating Budget [24-1005]

A. Fraser provided an overview and recognized all the work by all the staff involved in putting the budget packages together.

Discussion ensued and staff responded to questions from the Commission regarding:

- Development Cost Charges reserve funds apply to development future growth
- Water demand increases
- Agricultural Research Station rates compared to the bulk water rates – staff noted they would look at the agreement around this rate.
- The Commission expressed concern with Project 21-04, Dean Park well decommissioning, noting a preference to not decommission the well but rather hoped to repurpose it for redundancy. Staff advised that this well is on residential property and is more of a liability than an asset. Regional Water Supply has a long-term plan for resiliency in the system, investing in surface water planning and disaster mitigation planning. Municipalities also have a responsibility to maintain resiliency in their systems. Staff could consider a phased decommissioning to spread out the costs.
- Bear hill tank extension, staff advised that this would provide significant disaster resiliency to the Peninsula. This will be a redundant feed in getting water to that tank. The project is being designed to be seismically resilient, following seismic best practices.

**MOVED** by Commissioner McNeil-Smith, **SECONDED** by Alt. Commissioner Stock, The Saanich Peninsula Water Commission recommends that the Committee of the Whole recommend that the Capital Regional District Board:

1. Approve the 2025 Operating and Capital Budget and the Five Year Capital Plan;
2. Approve the 2025 Saanich Peninsula Water Service bulk water rate of \$1.2575 per cubic metre, and the Agricultural Research Station water rate of \$1.2927 per cubic metre, adjusted if necessary, by any changes in the Regional Water Supply wholesale water rate;
3. Direct staff to balance the 2024 actual revenue and expense on the transfer to capital reserve fund;
4. Direct staff to update carry forward balances in the 2025 Capital Budget for changes after year end; and
5. Direct staff to amend the Bulk Water Rates Bylaw accordingly.

**CARRIED**

## **7.2. Update on Amalgamation Study – Dan Huang, Connections Planning Associates**

**Item was presented before Item 7.1.**

Mr. Huang provided a presentation outlining his progress to date regarding the Saanich Peninsula Water Commission amalgamation study.

He and staff responded to questions from the Commission throughout the presentation regarding:

- There is concern about governance, loss of agency and for the loss of a Peninsula voice.
- There would continue to be designated staff and equipment for Saanich Peninsula projects. Would review in more detail from an operational view.
- Changes to the Bulk Water Rate with the addition the Saanich Peninsula.
- Peninsula First Nations participation. Staff advised that they are currently in the process of negotiating with the Peninsula First Nations, that receive water service, to receive direct bulk water rates. Negotiations are still underway for the conveyance agreements with the municipalities.
- Agriculture representation on Saanich Peninsula Commission. The agricultural community is represented through the Water Advisory Committee, but not through the Regional Water Supply Commission.
- Asset retirement and replacement planning.
- Saanich Peninsula Development Cost Charges bylaw would remain in effect until it is reviewed.
- The 5-year capital project would remain through the amalgamation, don't anticipate that the priorities would change. Beyond that five years staff would continue to bring priorities forward.
- A review of Water Advisory Committee composition and membership for a Saanich Peninsula voice, how to account for there no longer being representation from the Saanich Peninsula Water Commission.

**The presentation was received for information.**

## **7.3. Regional Water Supply Commission Staff Report: Bear Hill Extension Project**

The report was received for information.

## **7.4. Summary of Recommendations from Other Water Commissions**

The report was received for information.

## **7.5. Water Watch Report**

The report was received for information.

**8. NOTICE(S) OF MOTION**

There were none.

**9. NEW BUSINESS**

There was no new business.

**10. ADJOURNMENT**

**MOVED** by Commissioner Halldorson, **SECONDED** by Alt. Commissioner Stock,  
That the October 17, 2024 Saanich Peninsula Water Commission meeting be adjourned at  
11:17 am.

**CARRIED**

\_\_\_\_\_  
**CHAIR**

\_\_\_\_\_  
**SECRETARY**

**REPORT TO SAANICH PENINSULA WATER COMMISSION  
MEETING OF THURSDAY, JANUARY 16, 2025**

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**SUBJECT**     **Saanich Peninsula Water Commission Appointment to Water Advisory Committee**

**ISSUE SUMMARY**

To provide the Commission with the updated Water Advisory Committee terms of reference and to appoint a Saanich Peninsula Water Commission representative to the Water Advisory Committee for a one-year term ending December 31, 2025.

**BACKGROUND**

In accordance with the *Capital Regional Water Supply and Sooke Hills Protection Regulation* (Regulation), Water Advisory Committee membership includes representation from the Regional Water Supply Commission, the Juan de Fuca Water Distribution Commission and the Saanich Peninsula Water Commission. Staff are seeking the appointment of a representative to the Water Advisory Committee from each of the Water Commissions.

The role of the representative is to act as a liaison between the Commission and the Water Advisory Committee, providing input related to Commission business. Standard practice has been that the Water Commission's appoint their Vice Chair as representative.

In November 2024, Bylaw No. 4652, "Water Advisory Committee Establishment Bylaw No. 1, 1997, Amendment Bylaw No. 1, 2024" was introduced to the Regional Water Supply Commission. The bylaw amendment incorporates the Regional Water Supply Strategic Plan defined priorities, clarity on membership and the addition of the Regional Water Supply Commission Vice Chair to act as the Chair of the Water Advisory Committee. Bylaw No. 4652 was adopted by the Capital Regional District Board in December 2024.

With the adoption of Bylaw No. 4652, a revised Water Advisory Committee terms of reference was also approved and is attached as Appendix A.

Staff have generally sought the Water Advisory Committee appointment from each of the water Commissions verbally at their first meeting each year. This report formalizes the recommendation from the Saanich Peninsula Water Commission and creates consistency with the existing process that seeks a formal recommendation from the Regional Water Supply Commission.

**ALTERNATIVES**

*Alternative 1*

That the Vice Chair of the Saanich Peninsula Water Commission be appointed as the Commission's representative on the Water Advisory Committee for a one-year term ending December 31, 2025.

*Alternative 2*

That another member of the Saanich Peninsula Water Commission be appointed as the Commission's representative on the Water Advisory Committee for a one-year term ending December 31, 2025.

**CONCLUSION**

The *Capital Regional Water Supply and Sooke Hills Protection Regulation* states that Water Advisory Committee membership shall include representation from each of the Water Commissions. Staff are seeking the appointment of a Saanich Peninsula Water Commission member to the Water Advisory Committee.

**RECOMMENDATION**

That the Vice Chair of the Saanich Peninsula Water Commission be appointed as the Commission's representative on the Water Advisory Committee for a one-year term ending December 31, 2025.

Submitted by:	Denise Dionne, Manager, Business Support Services
Concurrence:	Alicia Fraser, P. Eng., General Manager, Integrated Water Services
Concurrence:	Ted Robbins, B. Sc., C. Tech., Chief Administrative Officer

**ATTACHMENT(S):**

**Appendix A:** Water Advisory Committee 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 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 of a Regional Water Supply, Protection and Conservation Advisory Committee (Committee) to provide advice to the 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) Reviewing options for water supply, water quality, water conservation and the stewardship of catchment lands based on their technical and economic merit;
- b) Taking into consideration the social and environmental impacts in the review of options;
- c) Ensuring all relevant issues are being considered;
- d) Advising on the development of a public consultation process;
- e) Attending and participating, when required, in public meetings, open houses, etc.;
- f) Communicating the issues being considered to groups represented by the Committee members and reporting comments/concerns back to the Committee; and
- g) Making recommendations to be forwarded to the Regional Water Supply Commission.

## **2.0 ESTABLISHMENT AND AUTHORITY**

- 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 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.

## **3.0 COMPOSITION**

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.

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

- (a) one representative each from:
  - Regional Water Supply Commission;
  - Juan de Fuca Water Distribution Commission; and
  - Saanich Peninsula Water Commission
- (b) 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
  - The scientific community
- (c) up to five representatives from other bodies the Regional District Board considers appropriate.
- (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.

## **4.0 TERM OF SERVICE**

In order to ensure on-going opportunities to serve on the Committee and to maintain continuity, the Regional Water Supply Commission will appoint Committee members 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 replace a member who has missed three consecutive meetings.

## **5.0 PROCEDURES**

- a) The Regional Water Supply Commission will approve the Committee terms of reference annually.
- 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 Chair and Vice Chair of the Committee. Items to be included in the agenda must be received by the Committee secretary at least one week in advance of a meeting.
- f) A quorum is a majority of the Committee membership and is required to conduct committee business.

## **6.0 RESOURCES AND SUPPORT**

- a) The General Manager of Integrated Water Services will be the staff liaison for 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 Services staff.

## **7.0 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 Regional Water Supply Commission on November 20, 2024



# Capital Regional District

## HOTSHEET AND ACTION LIST

### Regional Water Supply Commission

Wednesday, October 16, 2024

11:30 AM

CRD Board Room  
6<sup>th</sup> Floor, 625 Fisgard Street  
Victoria, BC

The following is a quick snapshot of the FINAL Regional Water Supply Commission 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.

### 3. ADOPTION OF MINUTES

The minutes of the September 25, 2024 meeting were adopted as circulated.

### 8. COMMISSION BUSINESS

#### 8.1 Regional Water Supply Service 2025 Operating and Capital Budget

- Recommendation:** The Regional Water Supply Commission recommends that the Committee of the Whole recommend that the Capital Regional District Board:
1. Approve the 2025 Operating and Capital Budget and the Five Year Capital Plan;
  2. Approve the 2025 wholesale water rate of \$0.8631 per cubic metre;
  3. Approve the 2025 agricultural water rate of \$0.2105 per cubic metre;
  4. Direct staff to balance the 2024 actual revenue and expense on the transfer to the water capital fund;
  5. Direct staff to update carry forward balances in the 2025 Capital Budget for changes after year end; and
  6. Direct staff to amend the Water Rates Bylaw accordingly.

**CARRIED**

**The following items were received for information:**

- 7.1 Recommendations from Other Water Commissions
- 7.2 Water Watch Report
- 8.2 Water Quality Summary Report – May to August 2024
- 8.3 Dam Safety Program Update
- 8.4 GVWSA 2024 Wildfire Management Update



# Capital Regional District

## HOTSHEET AND ACTION LIST

### Regional Water Supply Commission

Wednesday, November 20, 2024

11:30 AM

CRD Board Room  
6<sup>th</sup> Floor, 625 Fisgard Street  
Victoria, BC

The following is a quick snapshot of the FINAL Regional Water Supply Commission 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.

#### 3. ADOPTION OF MINUTES

The minutes of the October 16, 2024 meeting were adopted as circulated.

#### 7. CONSENT AGENDA

Items 7.1 and 7.2 were received for information.

#### 8. COMMISSION BUSINESS

##### 8.1 Regional Water Supply Development Cost Charges Waivers or Reductions Options

###### Recommendation:

1. That, subject to Regional Water Supply Commission approval of the Regional Water Supply Development Cost Charges Bylaw, staff be directed to develop a waivers or reductions program and make the necessary amendments to the 2025-2029 financial plan.
2. That, once funding is in place, staff be directed to proceed with the development of a waivers or reductions bylaw, focussed on not-for-profit, non-governmental affordable housing agencies for the Regional Water Supply Development Cost Charges program.

**CARRIED**

##### 8.2 Strategic Plan Engagement Summary

**RECEIVED**

Motion to adjourn the November 20, 2024 meeting at 1:09 pm and reconvene at 9:00 am on Friday, November 22, 2024.

**CARRIED**

### 8.3 Water Advisory Committee Bylaw Amendment

- Recommendation:** The Regional Water Supply Commission recommends to the Capital Regional District Board:
1. That Bylaw No. 4652 cited as “Water Advisory Committee Bylaw No. 1, 1997, Amendment Bylaw No. 1, 2024”, be introduced and read a first, second, and a third time.
  2. That Bylaw No. 4652 be adopted.

### 8.4 Capital Project – Field Operations Centre Building

**CARRIED**

**RECEIVED**

### 8.5 2024 Public Education Summary – Greater Victoria Water Supply Area

**RECEIVED**



# Capital Regional District

## **HOTSHEET AND ACTION LIST**

### Regional Water Supply Commission

Friday, November 22, 2024

11:30 AM

Board Room, 6<sup>th</sup> Floor  
625 Fisgard Street  
Victoria, BC

The following is a quick snapshot of the FINAL Regional Water Supply Commission 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.

#### 8. COMMISSION BUSINESS

##### 8.3 Bylaw No. 4652, Water Advisory Committee Bylaw Amendment

- Recommendation:** The Regional Water Supply Commission recommends that the Committee of the Whole recommend that the Capital Regional District Board:
- a) That Bylaw No. 4652 cited as "Water Advisory Committee Bylaw No. 1, 1997, Amendment Bylaw No. 1, 2024", be introduced and read a first, second, and a third time.
  - b) That Bylaw No. 4652 be adopted.
  - c) That, upon adoption of Bylaw No. 4652, the revised Water Advisory Committee Terms of Reference be approved for 2025.

**CARRIED**

**The following items were received for information:**

**8.4. Capital Project - Field Operations Centre Building**

**8.5. 2024 Public Education Summary - Greater Victoria Water Supply Area**



# Capital Regional District

## HOTSHEET AND ACTION LIST

### Juan de Fuca Water Distribution Commission

Tuesday, December 3, 2024

12 PM

Goldstream Meeting Room  
479 Island Highway  
Victoria, BC

The following is a quick snapshot of the FINAL Juan de Fuca Water Distribution Commission 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.

#### 3. ADOPTION OF MINUTES

The minutes of the October 1, 2024 meeting were adopted as circulated.

#### 7. COMMISSION BUSINESS

##### 7.1 Bylaw No. 4653 – Ticket Information Authorization Bylaw, 1990, Amendment No. 80, 2024

**Recommendation:** That the Juan de Fuca Water Distribution Commission recommends to the Capital Regional District Board:

1. That Bylaw No. 4653, "Ticket Authorization Bylaw, 1990, Amendment Bylaw No. 80, 2024", be introduced and read a first, second, and third time; and
2. That Bylaw No 4653 be adopted.

**CARRIED**

##### 7.2. Process Improvement and Customer Experience Strategies for CRD Water Billing

**Recommendation:** That staff be directed to proceed with the design and construction of a Bulk Water Station within the District of Metchosin, subject to 50% funding from the District of Metchosin, and include the necessary funding (50%) in the 2026 Capital Plan.

**CARRIED**

**The following reports were received for information**

##### 7.3 Summary of Recommendations from Other Water Commissions

##### 7.4 Water Watch Report



**8. NOTICE(S) OF MOTION**

**8.2 Motion with Notice: Remuneration for Juan de Fuca Water Distribution Commissions, J. Rogers**

That the Juan de Fuca Water Distribution Commission direct staff to prepare a report outlining the implications related to amending the Board Remuneration and Travel Expense Reimbursement Policy, to include remuneration for meeting attendance for Juan de Fuca Water Distribution Commissioners, for the Commission's consideration.

**CARRIED**

**8.3 Motion with Notice: Tiered Water User Rate Based on Consumption, J. Rogers**

That staff investigate options to replicate Nanaimo's water user rate calculation where consumption is split among three tiers to encourage water conservation. ~~with a 2026 implementation.~~

**CARRIED**

## CAPITAL REGIONAL DISTRICT - INTEGRATED WATER SERVICES

### Water Watch

Issued January 06, 2025

#### Water Supply System Summary:

##### 1. Useable Volume in Storage:

Reservoir	January 31 5 Year Ave		January 31/24		January 5/25		% Existing Full Storage
	ML	MIG	ML	MIG	ML	MIG	
Sooke	91,121	20,047	92,678	20,389	87,485	19,247	94.3%
Goldstream	9,341	2,055	9,825	2,162	9,907	2,180	99.9%
Total	100,462	22,102	102,503	22,551	97,392	21,426	94.9%

##### 2. Average Daily Demand:

For the month of January	102.0 MLD	22.43 MIGD
For week ending January 05, 2025	102.4 MLD	22.53 MIGD
Max. day January 2025, to date:	104.9 MLD	23.08 MIGD

##### 3. Average 5 Year Daily Demand for January

Average (2020 - 2024)	104.3 MLD <sup>1</sup>	22.95 MIGD <sup>2</sup>
	<sup>1</sup> MLD = Million Litres Per Day	<sup>2</sup> MIGD = Million Imperial Gallons Per Day

##### 4. Rainfall January:

Average (1914 - 2024):	272.8 mm
Actual Rainfall to Date	21.6 mm (8% of monthly average)

##### 5. Rainfall: Sep 1- Jan 5

Average (1914 - 2024):	837.6 mm
2024/2025	873.8 mm (104% of average)

##### 6. Water Conservation Action Required:

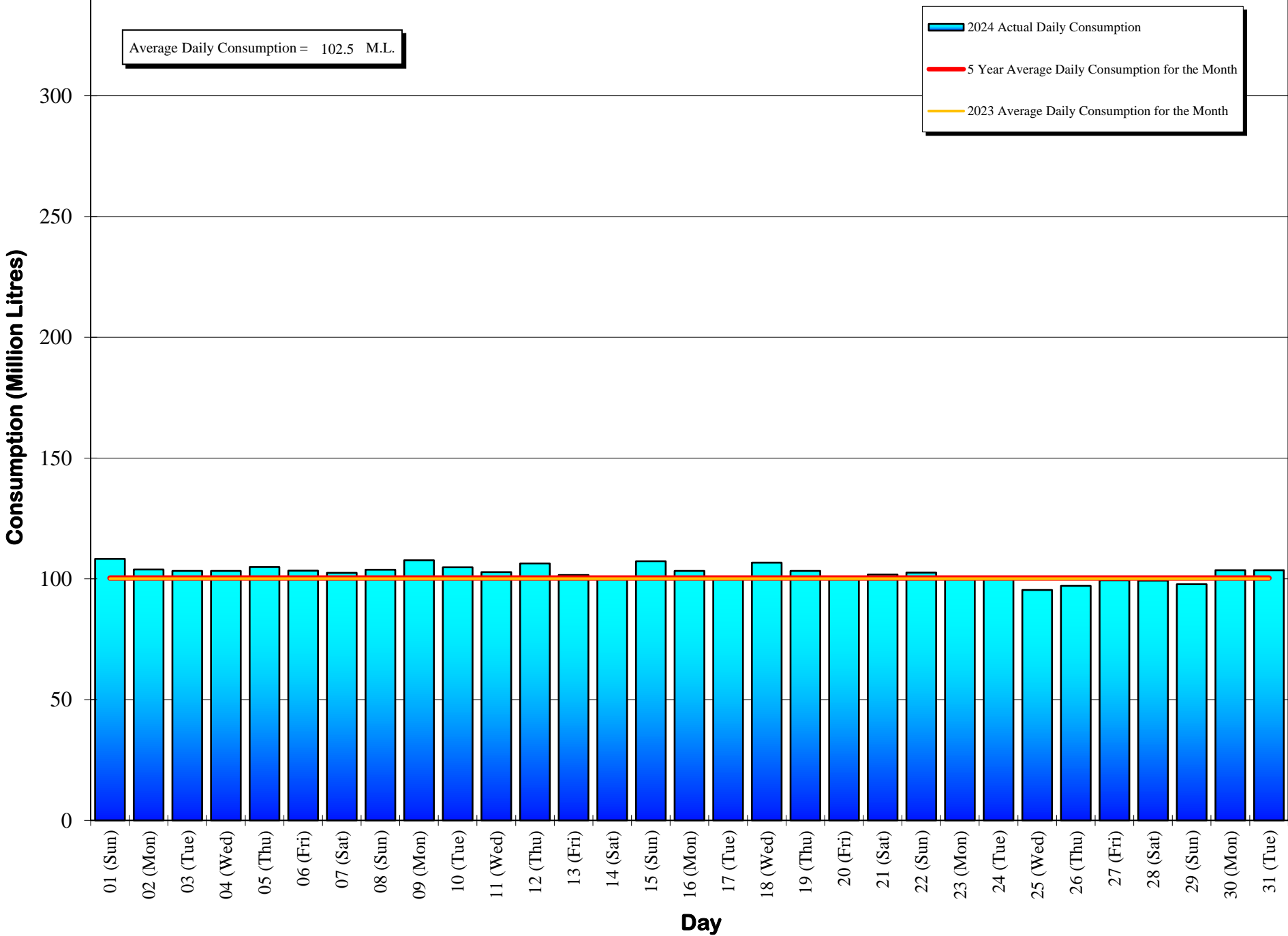
To avoid possible leaks this spring, now is the time to winterize your sprinkler system.  
Visit our website at [www.crd.bc.ca/water](http://www.crd.bc.ca/water) for more information.

If you require further information, please contact:

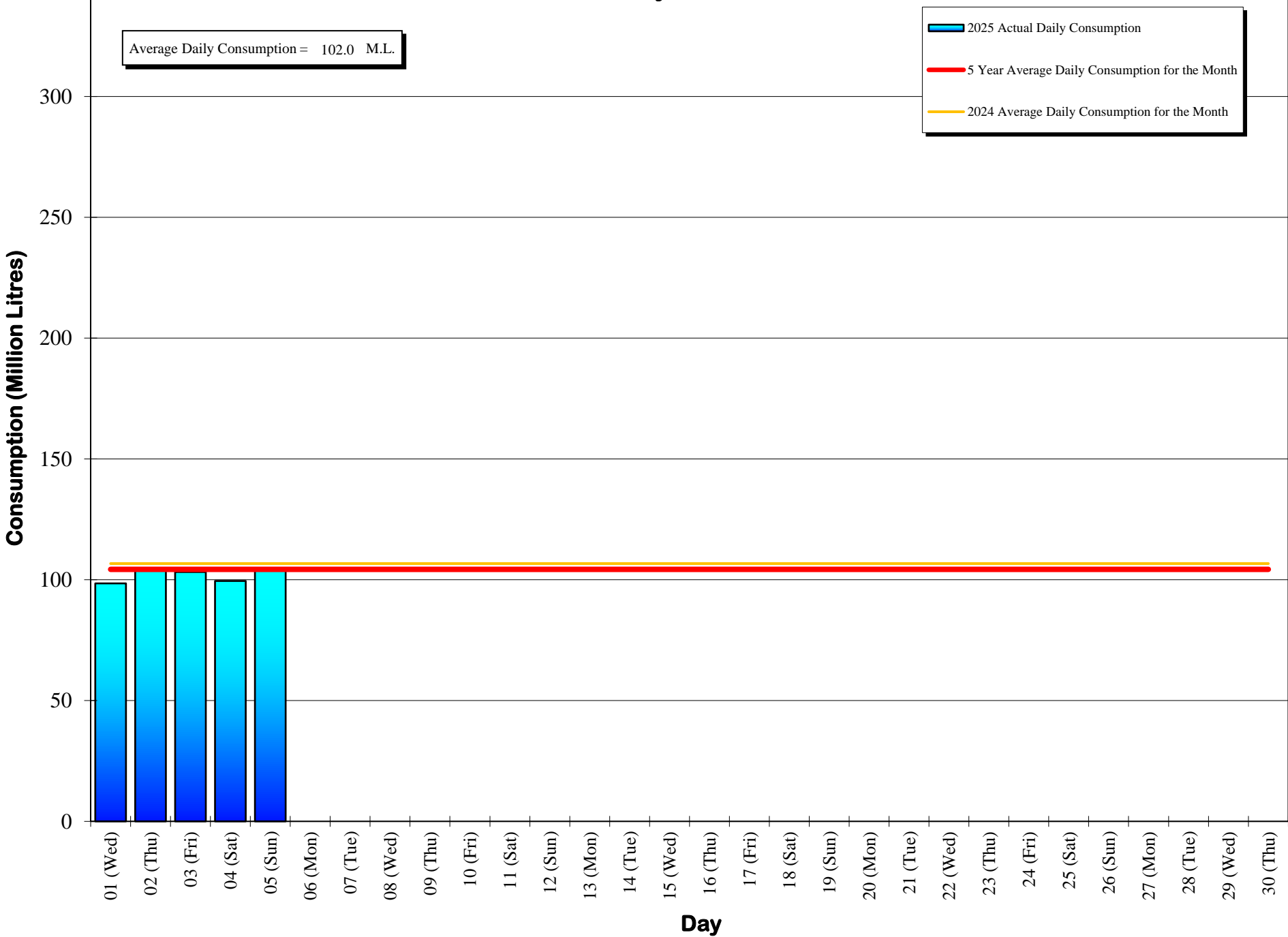
Alicia Fraser, P. Eng.  
General Manager, CRD - Integrated Water Services  
or  
Glenn Harris, Ph D., RPBio  
Senior Manager - Environmental Protection

Capital Regional District Integrated Water Services  
479 Island Highway  
Victoria, BC V9B 1H7  
(250) 474-9600

Daily Consumption  
December 2024



**Daily Consumption**  
**January 2025**



## Daily Consumptions: - December 2024

Date	Total Consumption			Air Temperature @ Japan Gulch		Weather Conditions	Precipitation @ Sooke Res.: 12:00am to 12:00am		
	(ML) <sup>1</sup>		(MIG) <sup>2</sup>	High (°C)	Low (°C)		Rainfall (mm)	Snowfall <sup>3</sup> (mm)	Total Precip.
01 (Sun)	108.3	(Note 4)	23.8	5	1	Sunny / P. Cloudy	0.0	0.0	0.0
02 (Mon)	103.9	(Note 4)	22.9	6	1	Cloudy	0.0	0.0	0.0
03 (Tue)	103.3	(Note 4)	22.7	4	0	Cloudy / P. Sunny	0.0	0.0	0.0
04 (Wed)	103.3	(Note 4)	22.7	4	1	Sunny / P. Cloudy	0.0	0.0	0.0
05 (Thu)	104.9	(Note 4)	23.1	6	0	Cloudy / P. Sunny / Showers	0.3	0.0	0.3
06 (Fri)	103.4	(Note 4)	22.7	8	3	Cloudy / P. Sunny / Rain	26.2	0.0	26.2
07 (Sat)	102.5	(Note 4)	22.6	11	6	Cloudy / P. Sunny / Rain	24.4	0.0	24.4
08 (Sun)	103.8	(Note 4)	22.8	7	2	Cloudy / P. Sunny / Showers	6.4	0.0	6.4
09 (Mon)	107.7	(Note 4)	23.7	7	1	Cloudy / P. Sunny	0.0	0.0	0.0
10 (Tue)	104.8	(Note 4)	23.0	5	1	Cloudy / P. Sunny	0.0	0.0	0.0
11 (Wed)	102.8		22.6	5	1	Cloudy / P. Sunny	0.0	0.0	0.0
12 (Thu)	106.4		23.4	7	1	Cloudy / P. Sunny / Showers	0.3	0.0	0.3
13 (Fri)	101.6		22.4	7	5	Cloudy / Showers	5.8	0.0	5.8
14 (Sat)	100.3		22.1	8	4	Cloudy / P. Sunny / Rain	25.4	0.0	25.4
15 (Sun)	107.3		23.6	6	2	Cloudy / P. Sunny / Showers	3.1	0.0	3.1
16 (Mon)	103.3		22.7	6	3	Cloudy / Rain	16.8	0.0	16.8
17 (Tue)	99.8		22.0	7	5	Cloudy / Rain	63.3	0.0	63.3
18 (Wed)	106.7		23.5	10	4	Cloudy / P. Sunny / Rain	18.8	0.0	18.8
19 (Thu)	103.3		22.7	7	5	Cloudy / P. Sunny / Rain	16.2	0.0	16.2
20 (Fri)	100.0		22.0	9	6	Cloudy / P. Sunny / Showers	3.3	0.0	3.3
21 (Sat)	101.8		22.4	9	5	Cloudy / P. Sunny / Showers	2.5	0.0	2.5
22 (Sun)	102.6		22.6	8	6	Cloudy / Rain	19.6	0.0	19.6
23 (Mon)	99.9		22.0	9	6	Cloudy / P. Sunny / Showers	3.0	0.0	3.0
24 (Tue)	100.8		22.2	9	4	Cloudy / P. Sunny / Showers	8.9	0.0	8.9
25 (Wed)	95.4	<=Min	21.0	6	4	Cloudy / Showers	13.4	0.0	13.4
26 (Thu)	97.1		21.4	9	6	Cloudy / Rain	21.8	0.0	21.8
27 (Fri)	99.4		21.9	7	5	Cloudy / P. Sunny / Showers	4.8	0.0	4.8
28 (Sat)	99.3		21.8	9	5	Cloudy / P. Sunny / Rain	23.4	0.0	23.4
29 (Sun)	97.8		21.5	6	4	Cloudy / P. Sunny / Showers	2.8	0.0	2.8
30 (Mon)	103.6		22.8	6	4	Cloudy / Showers	9.7	0.0	9.7
31 (Tue)	103.6		22.8	6	4	Cloudy / Showers	0.3	0.0	0.3
TOTAL	3178.7 ML		699.35 MIG				320.5	0	320.5
MAX	108.3		23.83	11	6		63.3	0	63.3
AVG	102.5		22.56	7.1	3.4		10.3	0	10.3
MIN	95.4		20.99	4	0		0.0	0	0.0

1. ML = Million Litres

2. MIG = Million Imperial Gallons

3. 10% of snow depth applied to rainfall figures for snow to water equivalent.

4. The No. 4 and No. 5 Main Meter's previously reported data based on November 2024 averages as the SCADA system was being upgraded and no data was available during the upgrade and calibration process. The SCADA upgrades are now complete, and data that was previously posted based on past averages has been corrected to the actual consumption values.

Average Rainfall for December (1914-2023)	293.0 mm
Actual Rainfall: December	320.5 mm
% of Average	109%
Average Rainfall (1914-2023): Sept 01 - Dec 31	787.8 mm
Actual Rainfall (2023/24): Sept 01 - Dec 31	852.2 mm
% of Average	108%

Number days with precip. 0.2 or more
24

Water spilled at Sooke Reservoir to date (since Sept. 1) = 0.00 Billion Imperial Gallons  
= 0.00 Billion Litres

## Daily Consumptions: - January 2025

Date	Total Consumption		Air Temperature @ Japan Gulch		Weather Conditions	Precipitation @ Sooke Res.: 12:00am to 12:00am			
	(ML) <sup>1.</sup>	(MIG) <sup>2.</sup>	High (°C)	Low (°C)		Rainfall (mm)	Snowfall <sup>2.</sup> (mm)	Total Precip.	
01 (Wed)	98.5	<=Min	21.7	5	3	Cloudy / P. Sunny	0.0	0.0	0.0
02 (Thu)	103.7		22.8	5	3	Cloudy / Showers	1.5	0.0	1.5
03 (Fri)	103.2		22.7	5	4	Cloudy / P. Sunny / Showers	14.0	0.0	14.0
04 (Sat)	99.5		21.9	7	5	Cloudy / Showers	4.6	0.0	4.6
05 (Sun)	104.9	<=Max	23.1	8	6	Cloudy / Showers	1.5	0.0	1.5
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)									
31 (Fri)									
TOTAL	509.8 ML		112.17 MIG				21.6	0	21.6
MAX	104.9		23.08	8	6		14.0	0	14.0
AVG	102.0		22.43	6.0	4.2		4.3	0	4.3
MIN	98.5		21.68	5	3		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 January (1914-2024)	272.8 mm
Actual Rainfall: January	21.6 mm
% of Average	8%
Average Rainfall (1914-2024): Sept 01 - Jan 05	837.6 mm
Actual Rainfall (2023/24): Sept 01 - Jan 05	873.8 mm
% of Average	104%

Number days with precip. 0.2 or more
4

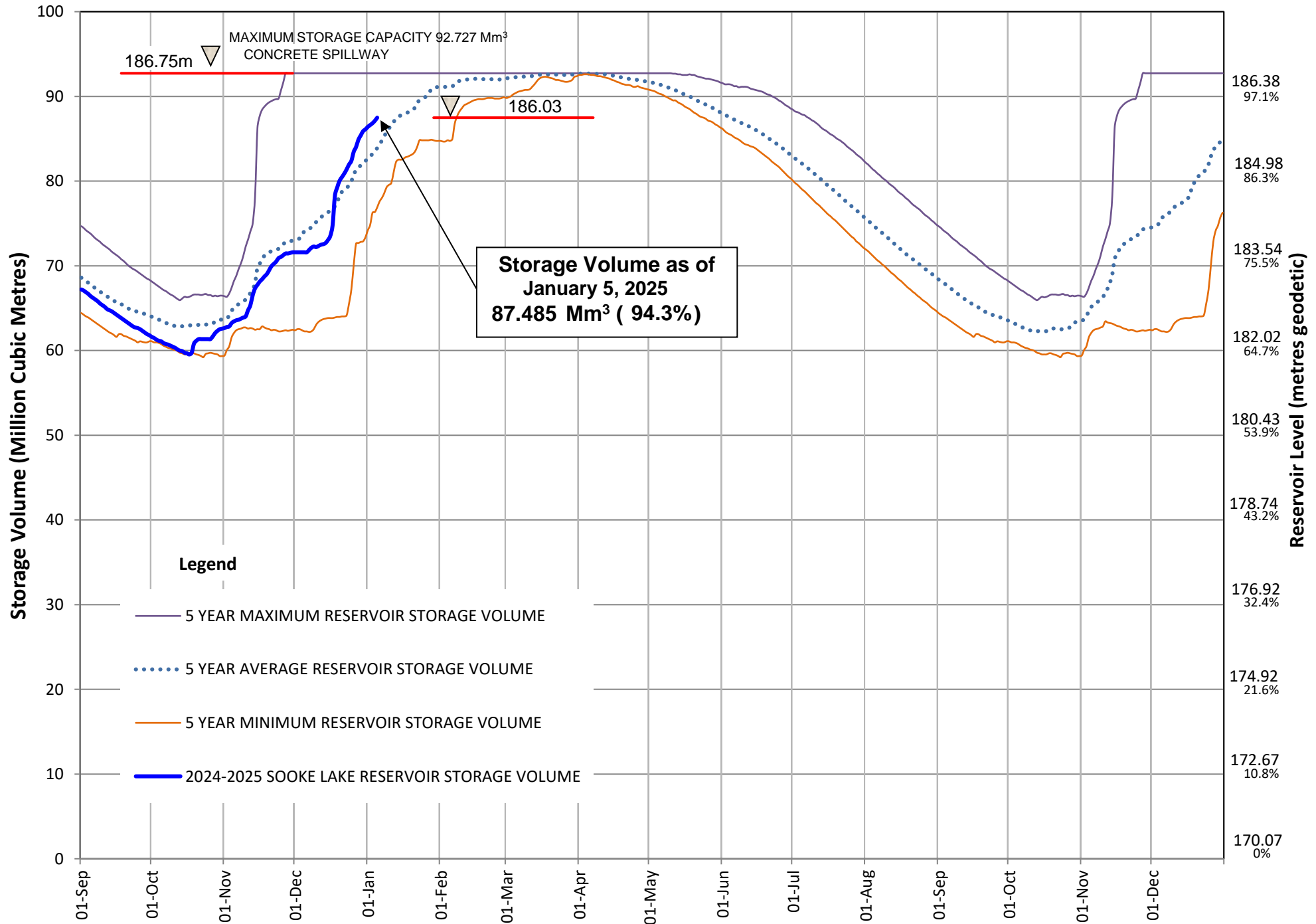
Water spilled at Sooke Reservoir to date (since Sept. 1) =

0.00 Billion Imperial Gallons

0.00 Billion Litres

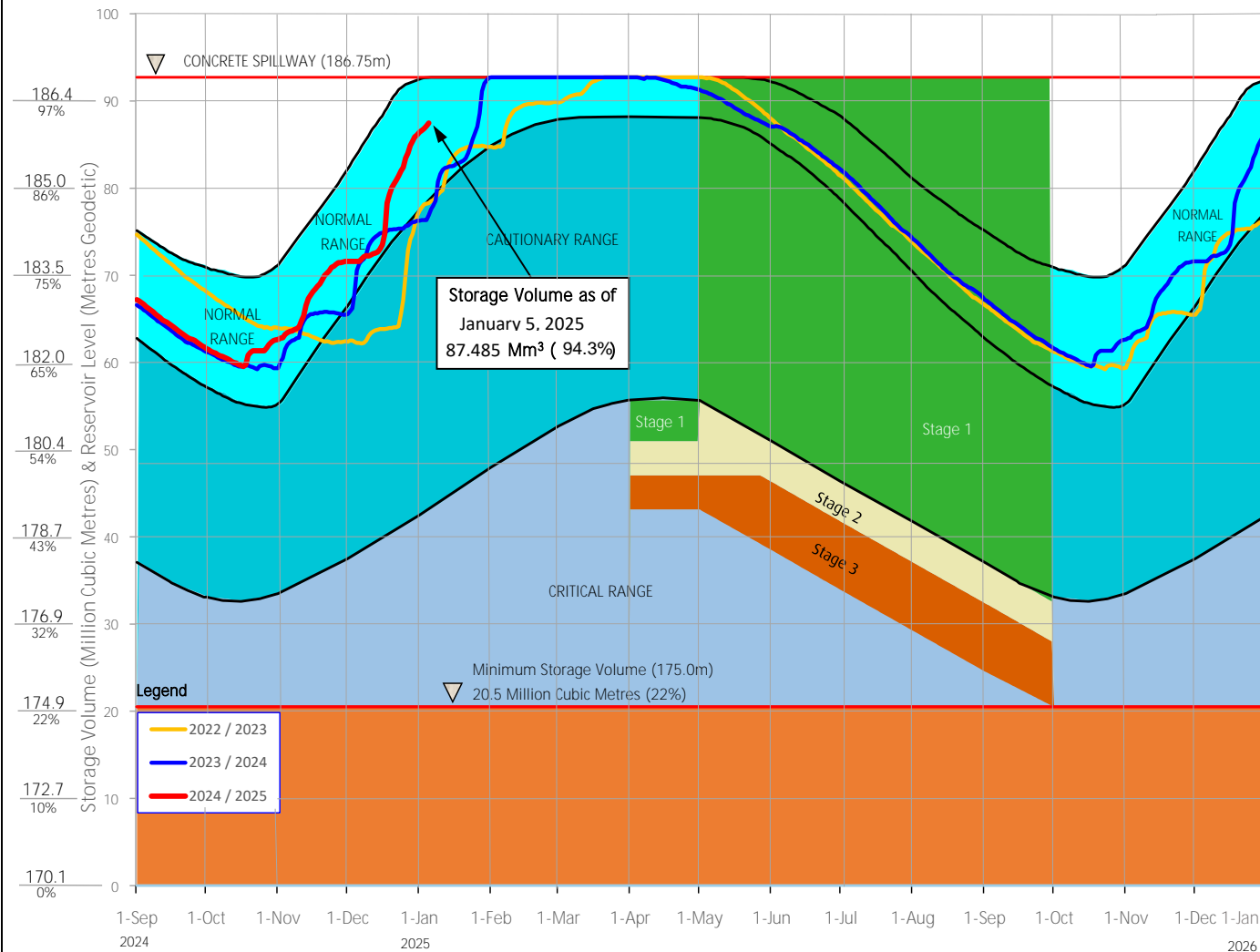
# SOOKE LAKE RESERVOIR STORAGE SUMMARY

## 2024 / 2025



# 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](http://www.crd.bc.ca/drinkingwater)

**CRD**  
Making a difference...together



**Useable Reservoir Volumes in Storage for January 05, 2025**

