



Making a difference...together

JUAN DE FUCA WATER DISTRIBUTION COMMISSION
Notice of Meeting on **Tuesday, January 9, 2024 at 12 PM**
Goldstream Conference Room, 479 Island Highway, Victoria, BC

For members of the **public who wish to listen to the meeting** via telephone please call **1-833-353-8610** and enter the **Participant Code 1911461 followed by #**. You will not be heard in the meeting room but will be able to listen to the proceedings.

- | | |
|------------------------|-------------|
| G. Baird (Chair) | C. Harder |
| J. Rogers (Vice Chair) | K. Pearson |
| S. Donaldson | M. Wagner |
| D. Grove | A. Wickheim |

AGENDA

- 1. TERRITORIAL ACKNOWLEDGEMENT**
- 2. APPROVAL OF AGENDA**
- 3. ADOPTION OF MINUTES3**

Recommendation: That the minutes of the October 3, 2023 meeting be adopted.

- 4. CHAIR’S REMARKS**
- 5. PRESENTATIONS/DELEGATIONS**

Delegations will have the option to participate electronically. Please complete the [online](#) application for “Addressing the Board” on our website and staff will respond with details.

Alternatively, you may email your comments on an agenda item to the Juan de Fuca Water Distribution Commission at iwsadministration@crd.bc.ca. Requests must be received no later than 4:30 p.m. two calendar days prior to the meeting.

- 6. GENERAL MANAGER’S REPORT**
 - 6.1. 2024 Commission Work Plan**
 - 6.2. Regional Water Supply Development Cost Charges Program Update**

- 7. COMMISSION BUSINESS**
 - 7.1. Juan de Fuca 2023 Annual Operational Update7**
There is no recommendation, this report is for information only.

- 7.2. Summary of Recommendations from other Water Commissions.....10**
There is no recommendation, this report is for information only.

To ensure quorum, advise iwsadministration@crd.bc.ca if you cannot attend.

**Juan de Fuca Water Distribution Commission
Agenda – January 9, 2024**

7.3. Water Watch Report14

There is no recommendation, this report is for information only.

8. NOTICE(S) OF MOTION

9. NEW BUSINESS

10. ADJOURNMENT

Next Meeting: Tuesday, February 6, 2024



Making a difference...together

MINUTES OF A MEETING OF THE Juan de Fuca Water Distribution Commission, held Tuesday, October 3, 2023 at 12 p.m., Goldstream Conference Room, 479 Island Highway, Victoria, BC

PRESENT: Commissioners: G. Baird (Chair); J. Rogers (Vice Chair); S. Donaldson; D. Grove; C. Harder; K. Pearson; M. Wagner (EP); A. Wickheim

Staff: T. Robbins, CAO, A. Fraser, General Manager; S. Irg, Senior Manager, Infrastructure Water Operations; J. Marr, Senior Manager, Infrastructure Engineering; L. Westinghouse, Senior Financial Advisor; D. Dionne (Recorder)

REGRETS:

EP = Electronic Participation

The meeting was called to order at 12 pm.

1. TERRITORIAL ACKNOWLEDGEMENT

The Chair provided the Territorial Acknowledgement.

2. APPROVAL OF AGENDA

MOVED by Commissioner Rogers, **SECONDED** by Commissioner Donaldson, That the agenda be approved.

CARRIED

3. ADOPTION OF MINUTES

MOVED by Commissioner Pearson, **SECONDED** by Commissioner Grove, That the minutes of the July 4, 2023 meeting be adopted.

CARRIED

4. CHAIR'S REMARKS

The Chair made no remarks.

5. PRESENTATIONS/DELEGATIONS

There were no presentations or delegations.

6. GENERAL MANAGER'S REPORT

6.1. General Manager's Introduction

The General Manager provided a brief introduction and noted that she is looking forward to working collaboratively with this Commission.

7. COMMISSION BUSINESS

7.1. 2024 Service Planning - Water

A. Fraser provided a summary of the report highlighting the four Initiative Business Cases. She noted there is a forecasted additional utility operator for 2025 for the Juan de Fuca Service, which is not reflected in the budget for this year.

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

- The Dam Safety Program
 - the number of dams associated with the water system.
 - how the Capital Regional District (CRD) Parks and Integrated Water Services departments coordinate reporting to the Province on the CRD-owned dams.

MOVED by Commissioner Harder, **SECONDED** by Commissioner Pearson, The Juan de Fuca Water Distribution Commission recommends the Committee of the Whole recommend to the Capital Regional District Board: That Appendix A, Community Need Summary – Water, be approved as presented and form the basis of the 2024-2028 Financial Plan.

CARRIED

7.2. Juan de Fuca Water Distribution Service 2024 Operating and Capital Budget

A. Fraser provided a presentation summarizing the proposed 2024 Operating and Capital Budget and the five-year capital plan.

Staff noted some administrative changes on page 59 of the published agenda package – some duplication of line items as well as some outdated years. There are no budgetary implications and staff will distribute the revised package to the Commission with a summary of the changes. The revised package will go forward to the Committee of the Whole later this month.

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

- Value of assets in the service and accounting for maintaining and replacing in future years.
- Asbestos Cement (AC) pipe in the Juan de Fuca Water Distribution system versus concrete pipe elsewhere and risk of water main break. There is a replacement program in place for the AC pipe in the Juan de Fuca system.
- Supporting the growing needs of the Juan de Fuca service; accommodating staff growth at the 479 Island Highway location. CRD will be reviewing office space needs in 2024.
- Long-term planning and use of Development Cost Charges (DCC) versus debt borrowing. Review of the Juan de Fuca DCC program in 2024 and determining growth rates with municipalities.
- Housing capacity challenges and consideration for expansion through the ongoing DCC designs and incorporating into municipal growth plans.
- Long-term Regional Water Supply needs and the 2022 (30 year) Master Plan.

- Rate options analysis (2024) to manage increased infrastructure related to large multi-year developments. Mitigating risk related to revenue lag of these large multi-year developments.
- Bulk water stations in areas without piped in water. Challenges of extending service area.
- Commission requested that staff include a definition of their assumption of what a “household” means as it relates to the 2024 budget (single family dwelling or a condo, number of people etc.). Staff will provide this definition going forward.
- Capital Project 18-06 Disaster Response Plan for water supply and distribution: Developing a seismic response plan through seismic mapping. Identifying which water mains are potentially a seismic hazard, planning seismic valves on reservoirs.
- Blue hydrants and post disaster supply network. Portable water supply units. Cost sharing with municipalities to house some of this equipment.

MOVED by Commissioner Pearson, **SECONDED** by Commissioner Donaldson, The Juan de Fuca Water Distribution Commission recommends the Committee of the Whole recommend that the Capital Regional District Board:

1. Approve the 2024 Operating and Capital Budget and the Five Year Capital Plan;
2. Approve the 2024 Juan de Fuca Water Distribution Service retail water rate of \$2.6927 per cubic metre, adjusted if necessary, by any change in the Regional Water Supply wholesale water rate;
3. Approve the increase of Equipment Replacement Fund expenditure for 2023 to \$1,287,000;
4. Direct staff to balance the 2023 actual operating deficit or surplus on the 2023 capital fund transfer;
5. Direct staff to update carry forward balances in the 2024 Capital Budget for changes after year end; and
6. Direct staff to amend the Water Distribution Local Service Conditions, Fees and Charges Bylaw accordingly.

CARRIED

7.3. Summary of Recommendations from other Water Commissions

There is no recommendation, this report was received for information only.

7.4. Water Watch Report

There is no recommendation, this report was received for information only.

8. NOTICE(S) OF MOTION

There were none.

9. NEW BUSINESS

Commissioner Wickheim advised that he and his Alternate are working on an initiative in the Juan de Fuca (JDF) Electoral Area called Water Smart, to engage the JDF communities in better water management practices through different areas of water capture, retention, conservation, and preservation. He invited Commissioners to contact him if they are interested or have any questions. More information can be found at waterbucket.ca.

10. ADJOURNMENT

MOVED by Commissioner Donaldson, **SECONDED** by Commissioner Harder,
That the October 3, 2023 meeting be adjourned at 1:55 pm.

CARRIED

CHAIR

SECRETARY



**REPORT TO JUAN DE FUCA WATER DISTRIBUTION COMMISSION
MEETING OF TUESDAY, JANUARY 9, 2024**

SUBJECT **Juan de Fuca 2023 Annual Operational Update**

ISSUE SUMMARY

To provide the Juan de Fuca (JDF) Water Distribution Commission with a 2023 Annual Operational Update on the JDF Water Distribution System (the System).

BACKGROUND

Operations Update

Water Operations maintains and operates the System which consists of approximately 544,000 meters of watermain, 26,000 metered connections, and 2,500 fire hydrants. Maintaining the System includes planned and unplanned maintenance. Examples of unplanned maintenance include a pump failure or a water main break. The annual 2023 operating budget totaled \$5.5 million. The following provides a summary of key operational activities that occurred in 2023.

Emergency response:

The System is remotely monitored 24 hours a day seven days a week (24/7) by the Goldstream Water Treatment Plant. Monitoring is an indicator of problems in the System requiring an Operator to attend. A Water Operator is on call continuously outside of regular working hours and available to respond to emergencies 24/7. There were 386 after-hour callouts conducted in 2023 to ensure the System always remains functioning. The callouts vary widely due to the nature of the System and can consist of residential meter issues, electrical/instrumentation faults, or pump failures to name a few. In 2023, there were two watermain breaks resulting from non-Capital Regional District (CRD) excavation activities; and two watermain leaks. This is consistent with a five year average of five per year (combined leaks and breaks by excavation).

Post Disaster Program:

A resilient (blue) hydrant was installed at the Victoria General Hospital (VGH). This generated discussions and interest from Island Health's Emergency Management group. In November 2023 the CRD demonstrated a Post Disaster Water Distribution Trailer and Drop Kit at the VGH hydrant. The demonstration was attended by Island Health staff as well as the View Royal Fire Department. This sharing of knowledge of each group's capabilities was extremely valuable, and we will continue these discussions through 2024.

Two reservoir seismic valves were added as part of new reservoir projects at Flint North (Langford) and Deer Park (Metchosin) in 2023 for a total of four within the JDF System. During a seismic event these valves automatically close holding the water in the reservoir for emergency use.

The Post Disaster Program continues to evolve and expand, a visual representation of equipment location in the JDF System is attached as Appendix A.

Flushing Program:

The annual uni-directional flushing program was concluded in November of 2023 with 50% of the System flushed and will commence again in early 2024. Flushing of the 544,000 meters of water mains within the System is on a two-year cycle, with approximately 50% of the system flushed each year. The flushing program is integral to efficient operation and maintenance of the distribution system and to meet water quality objectives. The flushing program is completed to limit the accumulation of sediment and biofilm in the distribution system. The source water is an unfiltered treatment system which can result in the accumulation of sediment/biofilm much faster than a filtered system. Flushing reduces sediment and ensures the chlorine residuals remain high throughout the system.

Goldstream Avenue Water Main Replacement:

Replacement of approximately 1.6 kilometers (km) of asbestos cement (AC) watermain on Goldstream Avenue is now complete. The project renewed aging infrastructure with new, fully restrained resilient pipe material. The project was originally tendered for construction by private contractors, but the bids were significantly over budget. CRD internal workforces completed the project successfully throughout 2023; however, the size and complexity of the project required additional internal resources resulting in system maintenance being deferred to 2024.

Meter and Service Line Replacement:

In 2023, Water Operations replaced approximately 860 residential meters and 140 service lines that were leaking or at end of service life. This is an ongoing program that will continue in 2024.

Developer Connections:

Expansion of the System continues, driven by development. In 2023 approximately 60 developer connections were completed.

CONCLUSION

This report provides the Juan de Fuca Water Distribution Commission with updates on ongoing operational programs for the Juan de Fuca Water Distribution System.

RECOMMENDATION

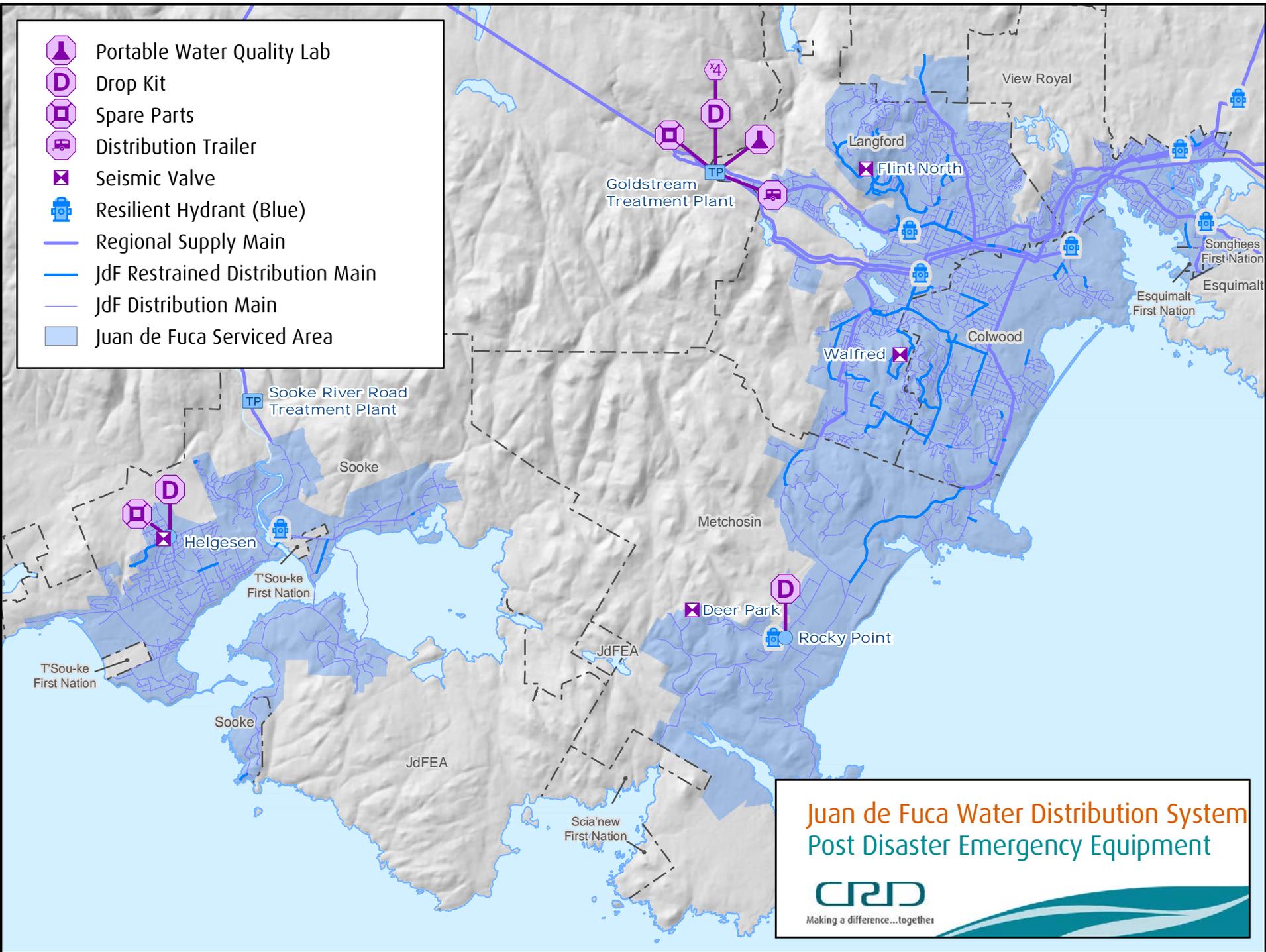
There is no recommendation, the report is for information only.

Submitted by:	Shayne Irg, P.Eng., Senior Manager, Water Infrastructure Operations
Concurrence:	Alicia Fraser, P. Eng., General Manager, Integrated Water Services
Concurrence:	Ted Robbins, B. Sc., C. Tech., Chief Administrative Officer

ATTACHMENT(S)

Appendix A: Post Disaster Emergency Equipment

-  Portable Water Quality Lab
-  Drop Kit
-  Spare Parts
-  Distribution Trailer
-  Seismic Valve
-  Resilient Hydrant (Blue)
-  Regional Supply Main
-  JdF Restrained Distribution Main
-  JdF Distribution Main
-  Juan de Fuca Serviced Area



Juan de Fuca Water Distribution System
 Post Disaster Emergency Equipment



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Capital Regional District

HOTSHEET AND ACTION LIST

Regional Water Supply Commission

Wednesday, October 18, 2023

11:30 AM

6th Floor Boardroom
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

That the minutes of the July 19, 2023 meeting be adopted.

CARRIED

7. COMMISSION BUSINESS

7.1 Service Planning 2024 – Water Community Need Summary

Recommendation: The Regional Water Supply Commission recommends the Committee of the Whole recommend to the Capital Regional District Board:
That Appendix A, Community Need Summary – Water, be approved as presented and form the basis of the 2024-2028 Financial Plan.

CARRIED

7.2 Regional Water Supply 2024 Capital & Operating Budget

Recommendation: The Regional Water Supply Commission recommends that the Committee of the Whole recommend that the Capital Regional District Board:

1. Approve the 2024 Operating and Capital Budget and the Five Year Capital Plan;
2. Approve the 2024 wholesale water rate of \$0.8094 per cubic metre;
3. Approve the 2024 agricultural water rate of \$0.2105 per cubic metre;
4. Direct staff to balance the 2023 actual revenue and expense on the transfer to the water capital fund;
5. Direct staff to update carry forward balances in the 2024 Capital Budget for changes after year end; and
6. Direct staff to amend the Water Rates Bylaw accordingly.

CARRIED

7.3 Greater Victoria Water Supply Area Land Acquisition Reserve Fund Update

Item 7.3 was postponed to the next meeting.

The following reports were received for information

7.4 Summary of Recommendations from the Water Advisory Committee

7.5 Summary of Recommendations from Other Water Commissions

7.6 Water Watch Report

8. MOTION(S) WITH NOTICE

8.1 Placement of Post Disaster Water Supply Drop Kits in Relevant Fire Halls

Item 8.1 was postponed to the next meeting.



Capital Regional District

HOTSHEET AND ACTION LIST

Saanich Peninsula Water Commission

Thursday, October 19, 2023

9:30 AM

Sidney Community Safety Building
2245 Oakville Ave
Sidney BC

The following is a quick snapshot of the FINAL Saanich Peninsula Water 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

That the minutes of the September 28, 2023 meeting be adopted.

CARRIED

7. COMMISSION BUSINESS

7.1 Service Planning 2024 – Water Community Need Summary

Recommendation: The Saanich Peninsula Water Commission recommends the Committee of the Whole recommend to the Capital Regional District Board:
That Appendix A, Community Need Summary – Water, be approved as presented and form the basis of the 2024-2028 Financial Plan.

CARRIED

7.2 Saanich Peninsula Water Service 2024 Operating and Capital Budget

Recommendation: The Saanich Peninsula Water Commission recommends that the Committee of the Whole recommend that the Capital Regional District Board:

1. Approve the 2024 operating and capital budget;
2. Approve the 2024 Saanich Peninsula bulk water rate of \$1.1978 per cubic metre, and the Agricultural Research Station water rate of \$1.2330 per cubic metre, adjusted if necessary by any changes in the CRD Regional Water Supply wholesale water rate;
3. Direct staff to balance the 2023 actual revenue and expense on the transfer to capital reserve fund;
4. Direct staff to update carry forward balances in the 2024 Capital Budget for changes after year end; and,
5. Direct staff to amend the Bulk Water Rates Bylaw accordingly.

CARRIED

Action:

The Commission requested that staff provide a progress report on the Asset Management Plan and whether the Asset Management Registry is up to date.

The following items were received for information:

7.1 Recommendations from Other Water Commissions

7.2 Water Watch Report

8. NOTICE(S) OF MOTION

8.1. Speaker Series: Commissioners King, Doehnel and Chair Kelbert

Recommendation: Therefore, be it resolved that the Saanich Peninsula Water Commission direct staff to organize an annual speaker series for the peninsula, dedicated to presentations by researchers and public interest groups that are focused on emerging topics concerning water and wastewater.

WITHDRAWN

Staff to provide a report on implications and a potential budget for associated costs to organize an annual speaker series for the peninsula, dedicated to presentations by researchers and public interest groups that are focused on emerging topics concerning water and wastewater.

CARRIED

CAPITAL REGIONAL DISTRICT - INTEGRATED WATER SERVICES**Water Watch**

Issued January 02, 2024

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

Reservoir	December 31 5 Year Ave		December 31/22		December 31/23		% Existing Full Storage
	ML	MIG	ML	MIG	ML	MIG	
Sooke	85,675	18,849	76,826	16,902	76,270	16,779	82.3%
Goldstream	8,172	1,798	9,623	2,117	9,606	2,113	96.9%
Total	93,847	20,646	86,449	19,019	85,875	18,893	83.7%

2. Average Daily Demand:

For the month of December	100.1 MLD	22.02 MIGD
For week ending December 31, 2023	96.7 MLD	21.27 MIGD
Max. day December 2023, to date:	107.0 MLD	23.53 MIGD

3. Average 5 Year Daily Demand for December

Average (2018 - 2022)	100.4 MLD ¹	22.08 MIGD ²
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¹MLD = Million Litres Per Day ²MIGD = Million Imperial Gallons Per Day**4. Rainfall December:**

Average (1914 - 2022):	293.3 mm
Actual Rainfall to Date	251.1 mm (86% of monthly average)

5. Rainfall: Sep 1- Dec 31

Average (1914 - 2022):	789.2 mm
2022/2023	638.5 mm (81% 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 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

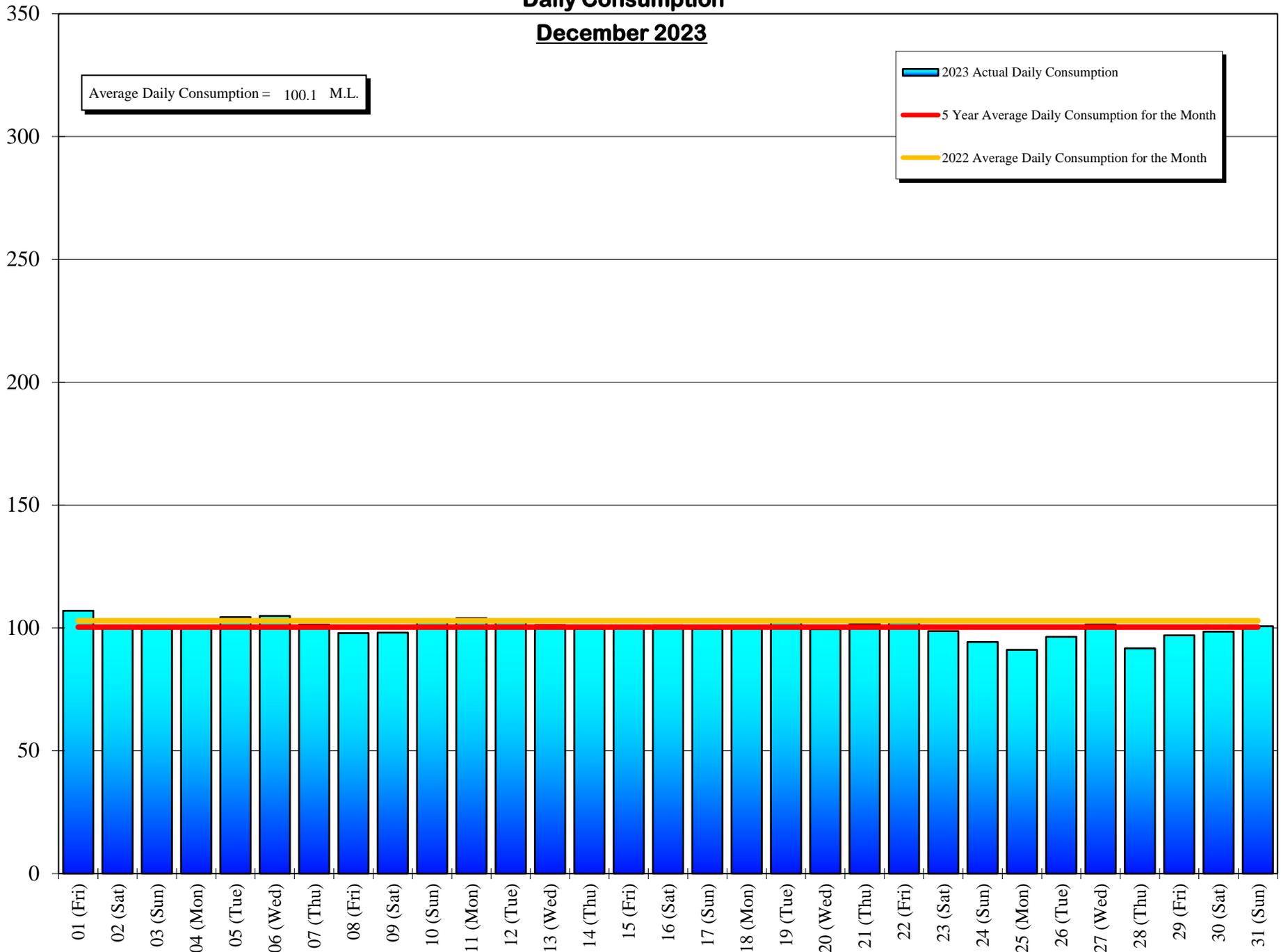
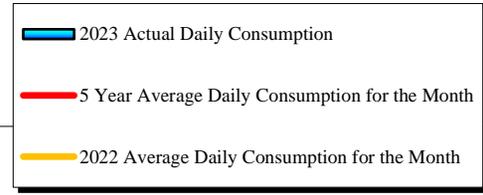
Capital Regional District Integrated Water Services
479 Island Highway
Victoria, BC V9B 1H7
(250) 474-9600

Daily Consumption

December 2023

Consumption (Million Litres)

Average Daily Consumption = 100.1 M.L.



Day

Daily Consumptions: - December 2023

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 ³ (mm)	Total Precip.	
01 (Fri)	107.0	<=Max	23.5	6	4	Cloudy / Rain	19.6	0.0	19.6
02 (Sat)	100.9		22.2	6	4	Cloudy / Rain	22.4	0.0	22.4
03 (Sun)	99.7		21.9	9	5	Cloudy / Showers	12.7	0.0	12.7
04 (Mon)	100.2		22.0	11	5	Cloudy / Heavy Rain	76.0	0.0	76.0
05 (Tue)	104.4		23.0	12	8	Cloudy / Rain	11.9	0.0	11.9
06 (Wed)	104.9		23.1	8	6	Cloudy	0.0	0.0	0.0
07 (Thu)	101.4		22.3	7	2	Cloudy / P. Sunny / Showers	2.0	0.0	2.0
08 (Fri)	97.9		21.5	5	1	Cloudy / P. Sunny	0.0	0.0	0.0
09 (Sat)	98.1		21.6	5	3	Cloudy / Rain	48.3	0.0	48.3
10 (Sun)	102.7		22.6	8	5	Cloudy / Showers	8.3	0.0	8.3
11 (Mon)	104.0		22.9	7	4	Cloudy	0.0	0.0	0.0
12 (Tue)	103.2		22.7	7	1	Cloudy / P. Sunny	0.0	0.0	0.0
13 (Wed)	101.2		22.3	7	1	Cloudy / P. Sunny / Showers	0.8	0.0	0.8
14 (Thu)	99.7		21.9	7	5	Cloudy / Showers	2.3	0.0	2.3
15 (Fri)	100.9		22.2	7	3	Cloudy / Showers	6.4	0.0	6.4
16 (Sat)	101.1		22.2	6	2	Cloudy / P. Sunny	0.0	0.0	0.0
17 (Sun)	99.7		21.9	7	2	Sunny / P. Cloudy	0.0	0.0	0.0
18 (Mon)	99.9		22.0	7	4	Cloudy / Showers	3.6	0.0	3.6
19 (Tue)	102.5		22.6	9	6	Cloudy / Showers	3.3	0.0	3.3
20 (Wed)	99.5		21.9	9	4	Cloudy / Fog / Showers	0.3	0.0	0.3
21 (Thu)	101.8		22.4	10	8	Cloudy / Fog / Showers	0.3	0.0	0.3
22 (Fri)	102.3		22.5	8	1	Cloudy / Showers	2.0	0.0	2.0
23 (Sat)	98.7		21.7	5	0	Cloudy / P. Sunny	0.0	0.0	0.0
24 (Sun)	94.3		20.8	6	1	Cloudy / P. Sunny	0.0	0.0	0.0
25 (Mon)	91.1	<=Min	20.0	8	5	Cloudy / Rain	15.2	0.0	15.2
26 (Tue)	96.4		21.2	9	5	Cloudy / Showers	5.3	0.0	5.3
27 (Wed)	101.5		22.3	9	6	Cloudy / P. Sunny / Showers	1.3	0.0	1.3
28 (Thu)	91.7		20.2	9	6	Cloudy / P. Sunny / Showers	7.1	0.0	7.1
29 (Fri)	97.0		21.3	9	7	Cloudy / P. Sunny / Showers	0.5	0.0	0.5
30 (Sat)	98.5		21.7	10	5	Cloudy / P. Sunny / Showers	1.5	0.0	1.5
31 (Sun)	100.7		22.2	8	3	Sunny / P. Cloudy	0.0	0.0	0.0
TOTAL	3102.9 ML	682.62 MIG					251.1	0	251.1
MAX	107.0	23.53	12	8			76.0	0	76.0
AVG	100.1	22.02	7.8	3.9			8.1	0	8.1
MIN	91.1	20.03	5	0			0.0	0	0.0

1. ML = Million Litres

2. MIG = Million Imperial Gallons

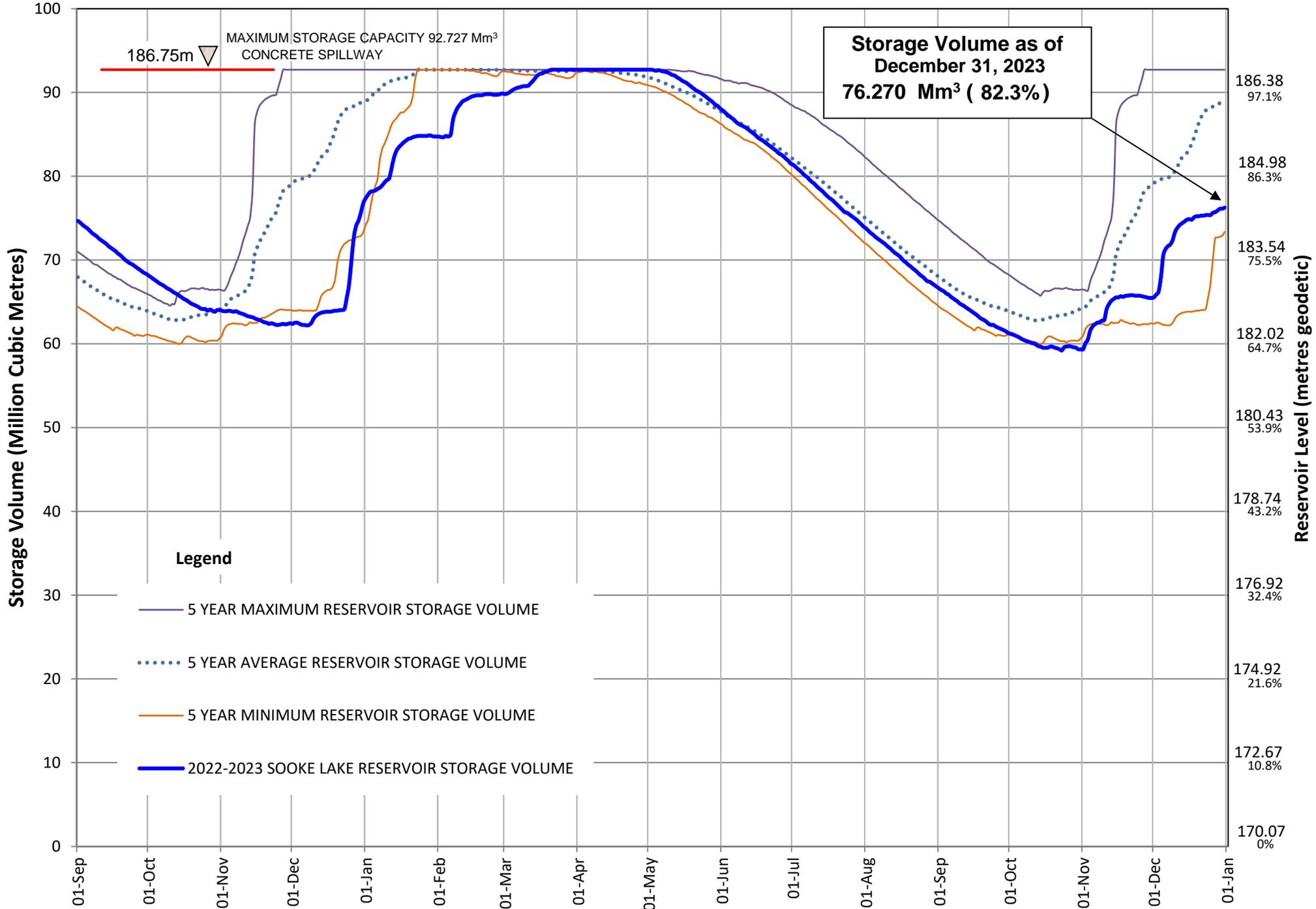
3. 10% of snow depth applied to rainfall figures for snow to water equivalent.

Average Rainfall for December (1914-2022)	293.3 mm
Actual Rainfall: December	251.1 mm
% of Average	86%
Average Rainfall (1914-2022): Sept 01 - Dec 31	789.2 mm
Actual Rainfall (2023): Sept 01 - Dec 31	638.5 mm
% of Average	81%

Number days with precip. 0.2 or more
22

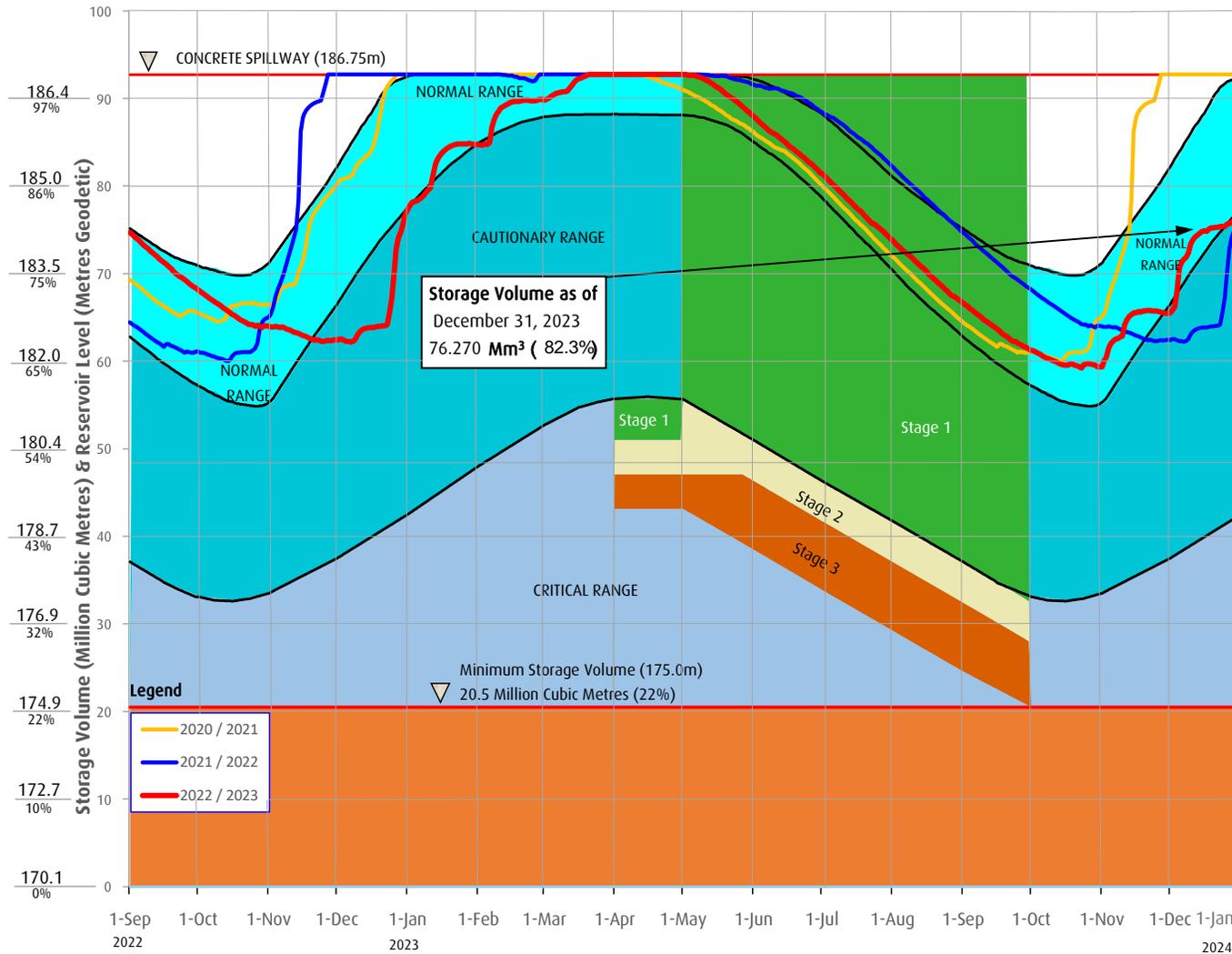
Water spilled at Sooke Reservoir to date (since Sept. 1) = 0.00 Billion Imperial Gallons
 = 0.00 Billion Litres

SOOKE LAKE RESERVOIR STORAGE SUMMARY 2022 / 2023



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 December 31, 2023

