



Making a difference...together

**JUAN DE FUCA WATER DISTRIBUTION COMMISSION**  
 Notice of Meeting on **Tuesday, January 4, 2022 at 12 PM**  
 Goldstream Meeting Room at 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. Logan (Chair)  
 J. Rogers (V. Chair)

G. Baird  
 M. Hicks

K. Kahakauwila  
 E. Logins

L. Szpak  
 R. Wade

## AGENDA

### 1. TERRITORIAL ACKNOWLEDGEMENT

### 2. APPROVAL OF AGENDA

### 3. ADOPTION OF MINUTES .....3

*Recommendation: That the minutes of the December 7, 2021 meeting be adopted.*

### 4. CHAIR'S REMARKS

### 5. PRESENTATIONS/DELEGATIONS

*Due to limited seating capacity this meeting will be held without the public present. A phone in number is provided above that will allow the public to listen to the meeting.*

*Presentation and Delegation requests can be made [online](#) or complete this [printable form](#) (PDF). 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. No Report

### 7. COMMISSION BUSINESS

#### 7.1. Water Watch Report .....7

*Recommendation: That the December 29, 2021 Water Watch Report be received for information.*

#### 7.2. Appointment of Juan de Fuca Water Distribution Commission Representative to the Water Advisory Committee for 2022

*Recommendation: That the Juan de Fuca Water Distribution Commission appoint the Vice Chair of the Commission as their representative on the Water Advisory Committee for a one year term ending December 31, 2022.*

*To ensure quorum, advise **Denise Dionne, 250.360.3087** if you cannot attend.*

**Juan de Fuca Water Distribution Commission  
Agenda – January 4, 2022**

---

2

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

**9. NEW BUSINESS**

**10. MOTION TO CLOSE THE MEETING**

That the meeting be closed for Intergovernmental Relations under Section 90 (2)(b) of the Community Charter, Part 4, Division 3.

**11. RISE AND REPORT**

**12. ADJOURNMENT**

**Next Meeting:** Tuesday, February 1, 2022



Making a difference...together

**MINUTES OF A MEETING OF THE Juan de Fuca Water Distribution Commission, held Tuesday, December 7, 2021 at 12 pm, Goldstream Room, 479 Island Highway, Victoria, BC, Victoria, BC**

---

**PRESENT: Commissioners:** G. Logan (Chair); J. Rogers (EP) (V. Chair); G. Baird; M. Hicks (EP); K. Kahakauwila (EP); E. Logins (EP); L. Szpak; R. Wade (EP)

**Staff:** T. Robbins, General Manager, Integrated Water Services; I. Jesney, Senior Manager, Infrastructure Operations; G. Harris, Senior Manager, Environmental Protection; J. Marr, Manager Water Distribution Engineering and Planning; K. Vincent, Senior Financial Advisor, Financial Services; D. Dionne, Administrative Coordinator (Recorder)

**REGRETS:**

EP = Electronic Participation

The meeting was called to order at 12:02 pm.

**1. TERRITORIAL ACKNOWLEDGEMENT**

The Chair provided the Territorial Acknowledgement.

**2. APPROVAL OF AGENDA**

**MOVED** by Commissioner Szpak, **SECONDED** by Commissioner Baird,  
That the agenda be approved.

**CARRIED**

**3. ADOPTION OF MINUTES**

**MOVED** by Commissioner Baird, **SECONDED** by Commissioner Szpak,  
That the minutes of the October 5, 2021 meeting be adopted.

**CARRIED**

**4. CHAIR'S REMARKS**

The Chair stated that he was incredibly proud of the resilient infrastructure and systems in place that were able to meet and keep up with the extreme rainfall in recent weeks. He acknowledged the work of staff for their monitoring of the downstream effects of the heavy rainfall which has caused the Sooke Lake Dam to spill over. Huge round of thanks to all involved.

**5. PRESENTATIONS/DELEGATIONS**

There were no presentations or delegations.

**6. GENERAL MANAGER'S REPORT**

There was no General Manager's report.

## 7. COMMISSION BUSINESS

### 7.1. 2022 Juan de Fuca Water Distribution Service Capital Plan Amendment

I. Jesney spoke to Item 7.1 summarizing the requested Capital Plan amendments.

Staff responded to questions from the Commission regarding:

- Project overruns and potential for impacts to the Development Cost Charge (DCC) reserves. Staff advised that there is sufficient funds in the DCC reserves to account for current project commitments over the next two years.
- Sunriver Estates developer contributions to the project. Staff advised that there is no legal obligation for the developer to pay any funds toward the project, however, they agreed to contribute to the project by providing funds up to \$200,000 and by providing land for future works.
- Anticipated project disruptions related to contractors and materials being directed elsewhere in the province to repair essential infrastructure. Staff don't expect that the Province would be taking materials from the Island. There is pressure related to construction boom on the Southern Island and material availability could be a concern.
- Budget contingency for any other potential increase in project costs. Staff are confident that the budgeted amounts will be sufficient, but fixed costs will be unknown until the tenders are closed.
- Financial review of upcoming projects over the next year. Staff advised that once tenders start to close costs will be set. With the Capital Budget cycle being earlier in 2022, due to the local government elections, staff will be reviewing the budget in May and June and will review some of the smaller projects where the work can be completed with internal crews, to mitigate labour issues.

**MOVED** by Commissioner Szpak, **SECONDED** by Commissioner Baird,  
That the Juan de Fuca Water Distribution Commission recommends to the Capital Regional District Board, that the 2022 Juan de Fuca Water Distribution Service Capital Budget and Five Year Capital Plan be amended as shown in Appendix A.

**CARRIED**

### 7.2. Regional pH and Corrosion Study Update – Report from Regional Water Supply Commission

G. Harris introduced the report that was presented to the Regional Water Supply Commission in November. He noted that the second round of tap sampling is being completed data being analyzed. The details will be reported to the Regional Water Supply Commission in early 2022.

Staff responded to questions from the Commission regarding:

- Applicability of the report and information to the Juan de Fuca water distribution area and public awareness information. Staff advised that the data indicates there is no risk across Juan de Fuca related to stagnant dead end pipes. Any public awareness is being done in consultation with Island Health. The CRD has posted the available Federal information as to what homeowners can do to be

aware and help mitigate lead concentrations at the tap. There has been no further direction in terms of a public campaign.

- Standard annual flushing program for dead end strata properties. Staff advised that the CRD endeavours to flush the entire system on annual basis. Strata properties, being private properties, are outside the CRD's jurisdiction and it is up to the building owners/operators to operate and maintain their systems. Island Health would advise as to what those operating and maintenance requirements would be.
- Other potential requirements or programs related to the Federal changes in 2019 that should be accounted for in upcoming programming. Staff advised the Province allowed distributors to decide how to manage their systems and that there were no changes to operating permits in terms of tap sampling. Staff anticipate a regulatory change at some point.

**MOVED** by Commissioner Kahakauwila, **SECONDED** by Commissioner Szpak,  
That the report be received for information.

**CARRIED**

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

**MOVED** by Commissioner Baird, **SECONDED** by Commissioner Kahakauwila,  
That the Summary of Recommendations be received for information.

**CARRIED**

### **7.4. Water Watch Report**

**MOVED** by Commissioner Kahakauwila, **SECONDED** by Commissioner Rogers,  
That the November 29, 2021 Water Watch Report be received for information.

**CARRIED**

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

There were none.

## **9. NEW BUSINESS**

There was no new business.

## **10. MOTION TO CLOSE THE MEETING**

The Commission moved into closed session at 12:36 pm.

**MOVED** by Commissioner Kahakauwila, **SECONDED** by Commissioner Baird,  
That the meeting be closed in accordance with the Community Charter, Part 4, Division 3,  
Intergovernmental Relations under Section 90 (2)(b)

**CARRIED**

## **11. RISE AND REPORT**

The Commission rose from its closed session at 1:16 pm without report.

## 12. ADJOURNMENT

**MOVED** by Commissioner Baird, **SECONDED** by Commissioner Szpak,  
That the December 7, 2021 meeting be adjourned at 1:16 pm.

**CARRIED**

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

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

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

Issued December 29, 2021

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

Reservoir	December 31 5 Year Ave		December 31/20		December 26/21		% Existing Full Storage
	ML	MIG	ML	MIG	ML	MIG	
Sooke	88,856	19,548	92,727	20,400	92,727	20,400	100.0%
Goldstream	7,505	1,651	9,127	2,008	9,911	2,180	100.0%
Total	96,361	21,199	101,854	22,408	102,639	22,580	100.0%

**2. Average Daily Demand:**

For the month of December	104.2 MLD	22.92 MIGD
For week ending December 26, 2021	103.3 MLD	22.73 MIGD
Max. day December 2021, to date:	113.7 MLD	25.01 MIGD

**3. Average 5 Year Daily Demand for December**

Average (2016 - 2020)	97.3 MLD <sup>1</sup>	21.42 MIGD <sup>2</sup>
-----------------------	-----------------------	-------------------------

<sup>1</sup>MLD = Million Litres Per Day      <sup>2</sup>MIGD = Million Imperial Gallons Per Day**4. Rainfall December:**

Average (1914 - 2020):	293.9 mm
Actual Rainfall to Date	274.0 mm (93% of monthly average)

**5. Rainfall: Sep 1- Dec 26**

Average (1914 - 2020):	741.6 mm
2021	1,251.0 mm (169% of average)

**6. Water Conservation Action Required:**

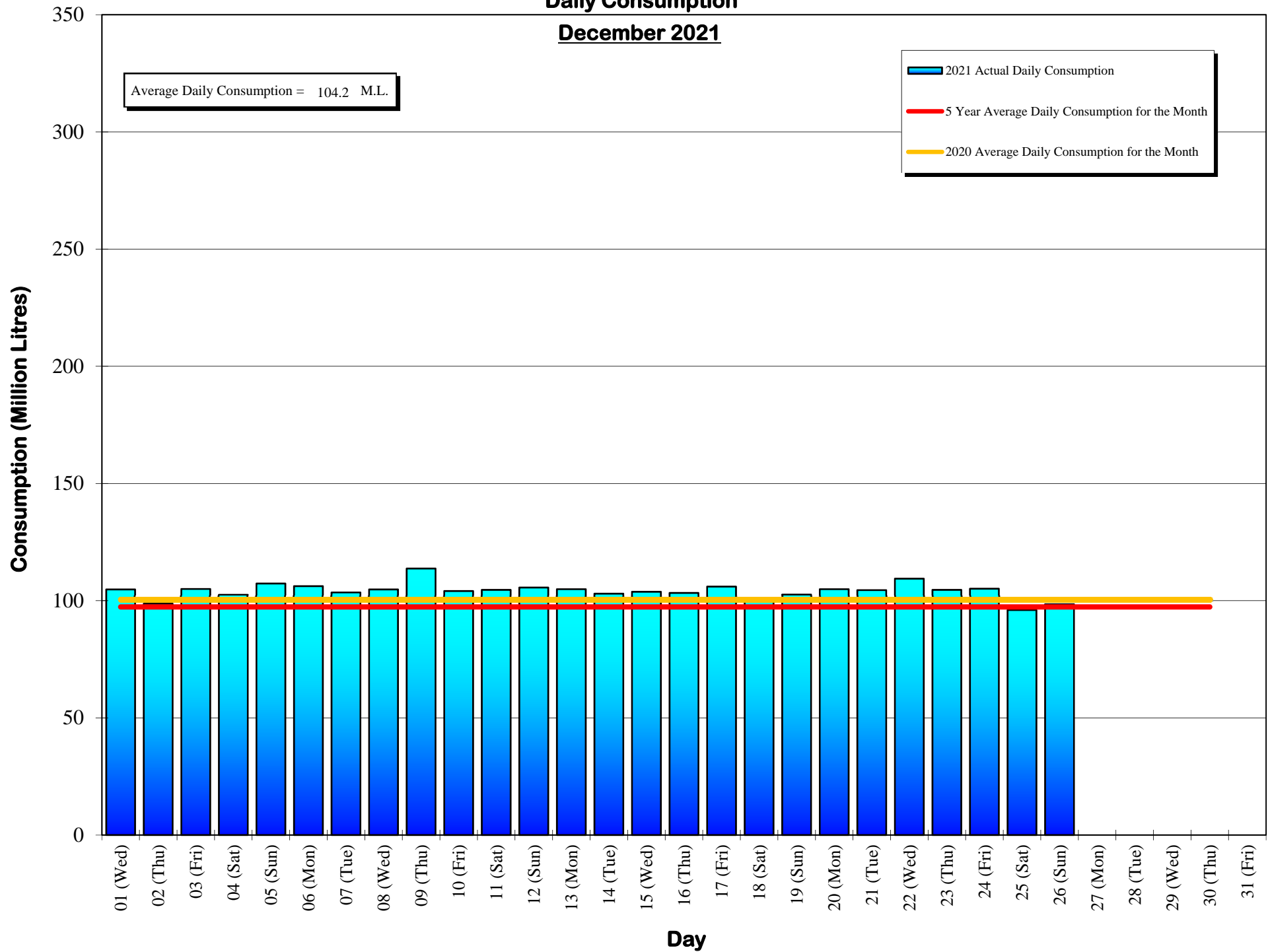
To avoid possible leaks this spring, now is the time to winterize your sprinkler system.  
Visit our website at [www.crd.bc.ca/water](http://www.crd.bc.ca/water) for more information.

If you require further information, please contact:

Ted Robbins, B.Sc., C.Tech  
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 2021





## Daily Consumptions: - December 2021

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 (Wed)	104.8		23.1	13	9	Cloudy / Showers	2.5	0.0	2.5
02 (Thu)	98.7		21.7	9	1	Sunny / P. Cloudy	0.0	0.0	0.0
03 (Fri)	105.0		23.1	4	0	Sunny / P. Cloudy	0.0	0.0	0.0
04 (Sat)	102.5		22.5	3	0	Sunny / P. Cloudy / Showers	4.6	0.0	4.6
05 (Sun)	107.3		23.6	2	-1	Cloudy	0.0	0.0	0.0
06 (Mon)	106.2		23.4	3	0	Sunny / P. Cloudy / Showers	4.0	0.0	4.0
07 (Tue)	103.5		22.8	7	3	Sunny / P. Cloudy / Showers	4.6	0.0	4.6
08 (Wed)	104.8		23.0	7	1	Sunny / P. Cloudy / Showers	2.0	0.0	2.0
09 (Thu)	113.7	<=Max	25.0	3	1	Sunny / P. Cloudy / Showers	2.8	7.6	3.6
10 (Fri)	104.1		22.9	5	0	Cloudy / Rain	43.2	0.0	43.2
11 (Sat)	104.6		23.0	7	1	Cloudy / Rain	50.3	0.0	50.3
12 (Sun)	105.6		23.2	1	0	Cloudy / Rain	19.3	5.0	19.8
13 (Mon)	104.9		23.1	4	0	Cloudy / Showers	5.3	0.0	5.3
14 (Tue)	103.0		22.7	4	0	Sunny / P. Cloudy / Showers	0.5	0.0	0.5
15 (Wed)	103.8		22.8	5	2	Sunny / P. Cloudy / Showers	2.0	0.0	2.0
16 (Thu)	103.3		22.7	5	0	Sunny / P. Cloudy / Showers	0.5	0.0	0.5
17 (Fri)	106.0		23.3	3	0	Cloudy / Showers	5.6	0.0	5.6
18 (Sat)	101.0		22.2	6	2	Cloudy / Rain	61.0	0.0	61.0
19 (Sun)	102.6		22.6	4	0	Sunny / P. Cloudy	0.0	0.0	0.0
20 (Mon)	104.9		23.1	2	-1	Sunny / P. Cloudy	0.0	0.0	0.0
21 (Tue)	104.5		23.0	2	-1	Sunny / P. Cloudy / Showers	11.9	0.0	11.9
22 (Wed)	109.4		24.1	6	1	Cloudy / Rain	35.6	0.0	35.6
23 (Thu)	104.6		23.0	4	1	Cloudy / Showers	3.3	0.0	3.3
24 (Fri)	105.1		23.1	4	0	Cloudy / Showers	9.9	0.0	9.9
25 (Sat)	96.0	<=Min	21.1	1	-5	Cloudy / Snow	0.3	35.4	3.8
26 (Sun)	98.5		21.7	-5	-9	Cloudy	0.0	0.0	0.0
27 (Mon)									
28 (Tue)									
29 (Wed)									
30 (Thu)									
31 (Fri)									
TOTAL	2708.4 ML	595.86 MIG				269.2	48	274.0	
MAX	113.7	25.01	13	9		61.0	35	61.0	
AVG	104.2	22.92	4.2	0.2		10.4	2	10.5	
MIN	96.0	21.13	-5	-9		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.

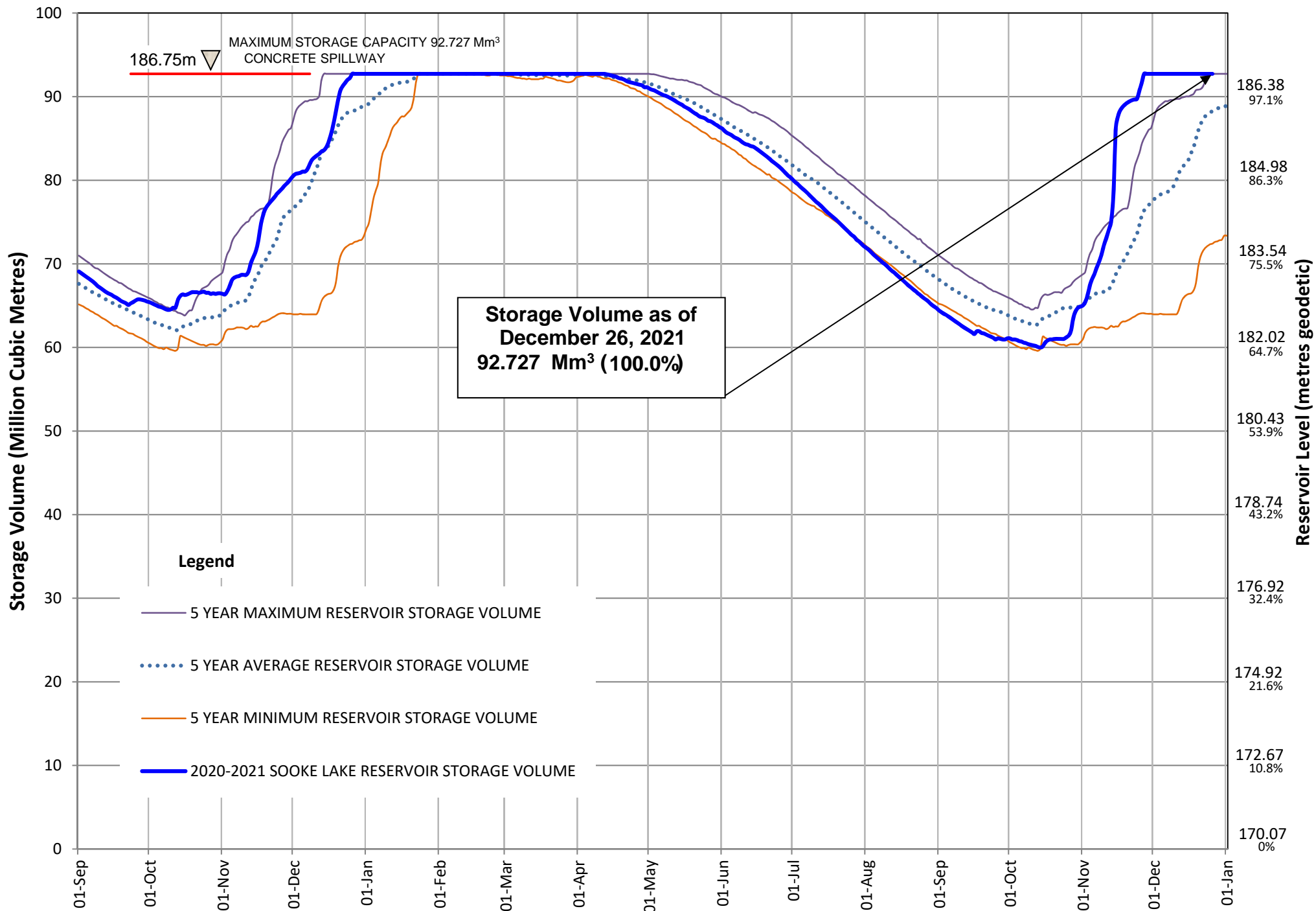
Average Rainfall for December (1914-2020)	293.9 mm
Actual Rainfall: December	274.0 mm
% of Average	93%
Average Rainfall (1914-2020): Sept 01 - Dec 26	741.6 mm
Actual Rainfall (2021): Sept 01 - Dec 26	1,251.0 mm
% of Average	169%

Number days with precip. 0.2 or more
20

Water spilled at Sooke Reservoir to date (since Sept. 1) = 5.58 Billion Imperial Gallons  
 = 25.30 Billion Litres

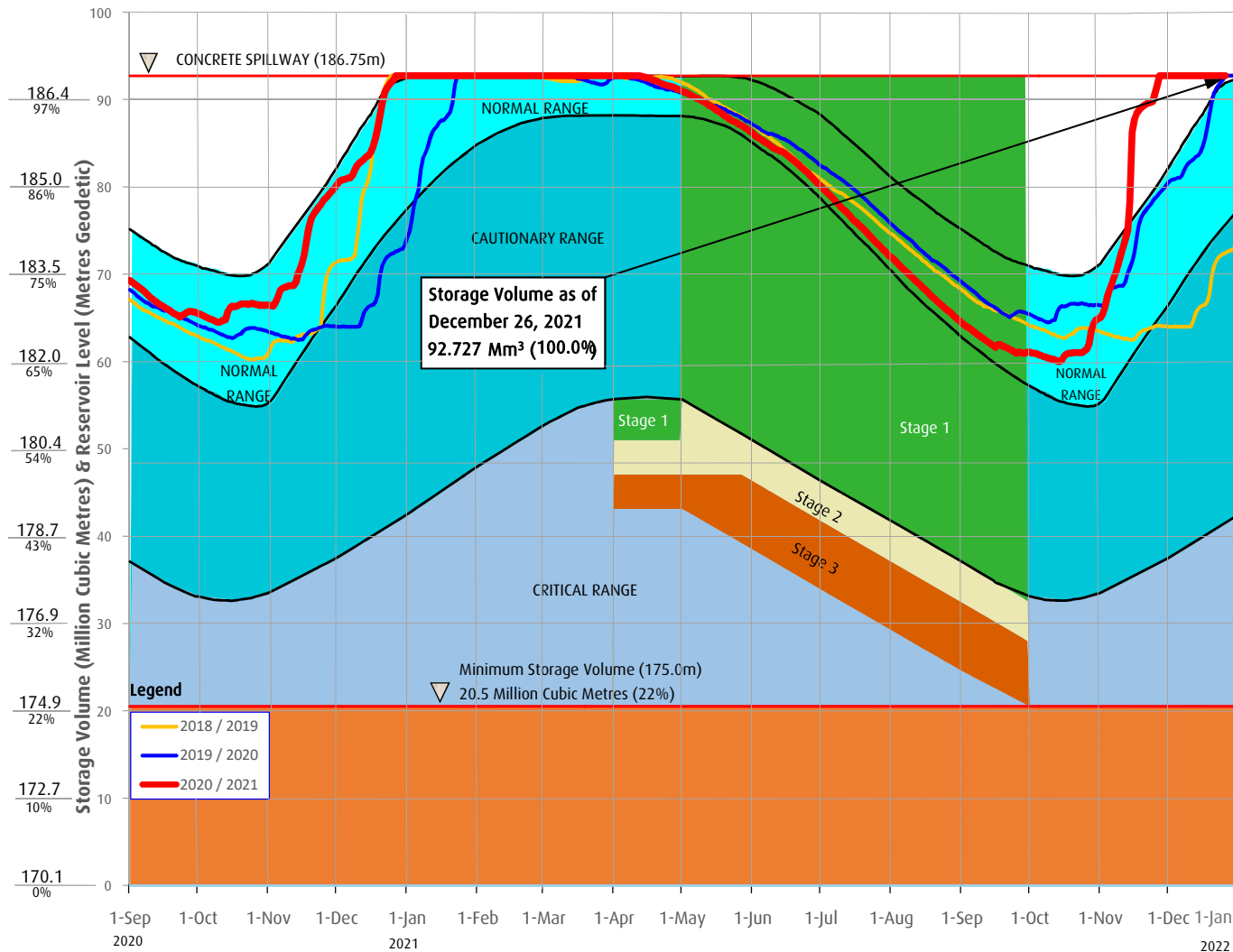
# SOOKE LAKE RESERVOIR STORAGE SUMMARY

## 2020 / 2021



# 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 December 26, 2021

