



Making a difference...together

## SAANICH PENINSULA WATER COMMISSION

Notice of Meeting on **Thursday, March 18, 2021 at 9:30 a.m.**

Meeting Room #6 Greenglade Community Centre, 2151 Lannon Way, Sidney 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.

---

R. Barnhart (Chair)	Z. King	M. Williams
M. Doehnel (Vice Chair)	C. McNeil-Smith	R. Windsor
S. Duncan	G. Orr	M. Underwood
D. Kelbert	M. Weisenberger	

---

### AGENDA

1. TERRITORIAL ACKNOWLEDGEMENT
2. APPROVAL OF AGENDA
3. ADOPTION OF MINUTES .....2  
*Recommendation: That the minutes of the January 21, 2021 meeting be adopted.*
4. CHAIR'S REMARKS
5. PRESENTATIONS/DELEGATIONS  
*In keeping with directives from the Province of BC, 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. COMMISSION BUSINESS
  - 6.1. Summary of Recommendations from Other Water Commissions .....6  
*Recommendation: That the Summary of Recommendations from other water commissions be received for information.*
  - 6.2. Water Watch Report .....11  
*Recommendation: That the March 8, 2021 Water Watch Report be received for information.*
7. NEW BUSINESS
8. ADJOURNMENT

**Next Meeting:** Thursday, May 20, 2021

---

*To ensure a quorum, advise Denise at 250.360.3087 if you or your alternate cannot attend.*



Making a difference...together

**MINUTES OF A MEETING OF THE SAANICH PENINSULA WATER COMMISSION**  
**Held Thursday, January 21, 2021 in Meeting Room #6 at Greenglade Community Centre,**  
**2151 Lannon Way, Sidney BC**

---

**PRESENT: Commissioners:** R. Barnhart; M. Doehnel; B. Fallot for C. McNeil-Smith; G. Orr; M. Underwood

**WebEx:** S. Duncan; D. Kelbert; Z. King; M. Weisenberger; R. Windsor

**Staff:** T. Robbins, General Manager, Integrated Water Services; M. Cowley, Manager, Wastewater Engineering & Planning; D. Dionne (recorder);

**WebEx:** I. Jesney, Senior Manager, Infrastructure Engineering; M. McCrank, Senior Manager, Infrastructure Wastewater Operations; S. Irg, Infrastructure Water Operations; G. Harris, Senior Manager, Environmental Protection; G. Gullekson, Senior Financial Advisor, Financial Services

**1. TERRITORIAL ACKNOWLEDGEMENT**

T. Robbins provided the Territorial Acknowledgement

**2. CALL TO ORDER**

The meeting was called to order at 9:30 a.m.

**3. ELECTION OF CHAIR**

The General Manager called for nominations for the position of Chair of the Saanich Peninsula Water Commission for 2021.

Commissioner Orr nominated Commissioner Barnhart. Commissioner Barnhart accepted the nomination.

The General Manager called for nominations a second time.

The General Manager called for nominations a third and final time.

Hearing no further nominations, the General Manager declared Commissioner Barnhart Chair of the Saanich Peninsula Water Commission for 2021 by acclamation.

**4. ELECTION OF VICE CHAIR**

Chair Barnhart called for nominations for the position of Vice Chair of the Saanich Peninsula Water Commission for 2021.

Commissioner Orr nominated Commissioner Doehnel. Commissioner Doehnel accepted the nomination.

Chair Barnhart called for nominations a second time.

Chair Barnhart called for nominations a third and final time.

Hearing no further nominations, Chair Barnhart declared Commissioner Doehnel Vice Chair of the Saanich Peninsula Water Commission for 2021 by acclamation.

## 5. APPROVAL OF AGENDA

**MOVED** by Alt. Commissioner Fallot, **SECONDED** by Commissioner Orr,  
That the Agenda be approved as circulated.

**CARRIED**

## 6. APPROVAL OF RESOLUTION FOR 2021

**MOVED** by Commissioner Orr, **SECONDED** by Alt. Commissioner Fallot,  
That the Saanich Peninsula Wastewater Commission adopt the resolution as presented.

1. That this resolution applies to the Saanich Peninsula Water Commission for the meetings being held between January 1, 2021 and December 31, 2021.
2. That the attendance of the public at the place of the meeting cannot be accommodated in accordance with the applicable requirements or recommendations under the Public Health Act, despite the best efforts of the Saanich Peninsula Water Commission, because:
  - a. The available meeting facilities cannot accommodate more than (8) people in person, including members of the Saanich Peninsula Water Commission and staff, and
  - b. There are no other facilities presently available that will allow physical attendance of the Saanich Peninsula Water Commission and the public in sufficient numbers; and
3. That the Saanich Peninsula Water Commission is ensuring openness, transparency, accessibility and accountability in respect of the open meeting by the following means:
  - a. By allowing the public to hear or participate via teleconference or electronic meeting software,
  - b. By providing notice of the meeting in newspaper or local notice Board, including the methods for providing written or electronic submissions,
  - c. By making the meeting agenda, as well as the other relevant documents, available on the CRD website, and directing interested persons to the website by means of the notices provided in respect of the meeting,
  - d. By strongly encouraging the provision of, and subsequently receiving and distributing to members, written correspondence from the public in advance of the meeting, and
  - e. By making the minutes of the meeting available on the CRD website following the meeting.

**CARRIED**

## 7. ADOPTION OF MINUTES

**MOVED** by Alt. Commissioner Fallot, **SECONDED** by Commissioner Doehnel,  
That the minutes of the October 15, 2020 meeting be adopted.

**CARRIED**

## 8. CHAIR'S REMARKS

The Chair had no remarks

## 9. PRESENTATIONS/DELEGATIONS

No one registered to speak.

## 10. COMMISSION BUSINESS

### 10.1. Saanich Peninsula Water Service 2021 Budget Amendment

T. Robbins spoke to the report which outlines the need to amend the capital plan and budget as a result of recent confirmation that the Regional Water Transmission Main No. 4 and Saanich Peninsula Water Supply upgrade project was not selected for federal funding under Canada's Disaster Mitigation and Adaptation Fund (DMAF) program.

#### *R. Windsor joined the meeting*

He advised that staff propose to revise the scope of the project and the budget to proceed with the highest priority work. He noted that the Regional Water Supply Commission approved a similar recommendation at its meeting on Wednesday. He further advised that there would be a need to undertake financing.

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

- Timeframe to complete the design work
- Engaging the Wsanec Leadership Council in the discussions
- Cost of borrowing
- The need for the project to be 'shovel-ready' before applying for the grant under another intake

**MOVED** by Commissioner King, **SECONDED** by Commissioner Orr,  
The Saanich Peninsula Water Commission recommends to the Capital Regional District Board:

That the provisionally approved Saanich Peninsula Water Service 2021-2025 capital plan and budget be amended in accordance with the revised plan and budget for Project No. 21-05 as presented.

**CARRIED**

### 10.2. Appointment of Representative to the Water Advisory Committee for the 2021 term

**MOVED** by Commissioner Orr, **SECONDED** by Commissioner Underwood,  
That the Vice Chair of the Saanich Peninsula Water Commission represent the Commission on the Water Advisory Committee for 2021.

**CARRIED**

### 10.3. Summary of Recommendations from Other Water Commissions

**MOVED** by Alt. Commissioner Fallot, **SECONDED** by Commissioner Doehnel,  
That the Summary of Recommendations from other water commissions be received  
for information.

**CARRIED**

### 10.4. Water Watch Report

T. Robbins advised that the winter rains have been good for water supply, noting that  
Sooke Lake Reservoir reached full capacity about a month ahead of last winter.

He spoke to the issue of chlorine taste to the water, noting that this was due to the  
ammonia system being shut down. The system is back to chloraminating the water  
and the issue should resolve itself soon.

**MOVED** by Commissioner Orr, **SECONDED** by Alt. Commissioner Fallot,  
That the January 11, 2021 Water Watch Report be received for information.

**CARRIED**

## 11. NEW BUSINESS

M. Doehnel shared information regarding a YouTube video about the initial water supply from  
Elk Lake, he advised he would share the link for those interested.

## 12. ADJOURNMENT

**MOVED** by Alt. Commissioner Fallot, **SECONDED** by Commissioner Orr,  
That the meeting be adjourned at 10:15.

**CARRIED**

---

CHAIR

---

SECRETARY



**CAPITAL REGIONAL DISTRICT  
JUAN DE FUCA WATER DISTRIBUTION COMMISSION  
Meeting held Tuesday, March 2, 2021**

## **MEETING HOTSHEET (ACTION LIST)**

---

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.

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

That the minutes of the February 2, 2021 meeting be adopted.

### **6. COMMISSION BUSINESS**

#### **6.1. Water Servicing of Finney Road and Cogan Road**

That the Juan de Fuca Water Distribution Commission:

Deny the request from the property owner for the Juan de Fuca Water Distribution Service to provide funding for a new water main and service connections to service the properties fronting Finney Road and/or Sooke Road and/or Cogan Road described in Options 1, 2 and 3, but approve water service extensions to any or all of the properties with the most suitable servicing option at the applicant's expense, in accordance with CRD Bylaw No. 3889.

**CARRIED**

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

That the Summary of Recommendations from Other Water Commissions be received for information.

**CARRIED**

#### **6.3. Water Watch Report**

That the February 22, 2021 Water Watch report be received for information.

**CARRIED**

### **7. CORRESPONDENCE**

#### **7.1. Mr. Mew – Water Servicing of Finney Road**

That the correspondence be received for information.

**CARRIED**



**REGIONAL WATER SUPPLY COMMISSION**  
**Wednesday, February 17, 2021 at 11:30 AM**

**MEETING HOTSHEET**  
**(ACTION LIST)**

---

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.

**3. ADOPTION OF MINUTES**

That the minutes of the January 20, 2021 meeting be adopted.

**CARRIED**

**8. COMMISSION BUSINESS**

**8.1. Demand Management Program Update**

That the Regional Water Supply Commission receive this report for information.

**CARRIED**

**8.2. Water Quality Summary Report for Greater Victoria Drinking Water System – June to November 2020**

That the Regional Water Supply Commission receives the Water Quality Summary Report for the Greater Victoria Drinking Water System – June to November 2020 for information.

**CARRIED**

**8.3. Summary of Recommendations from Other Water Commissions**

That the Summary of Recommendations from other water commissions be received for information.

**CARRIED**

**8.4. Water Watch Report**

That the February 8, 2021 Water Watch Report be received for information.

**CARRIED**



**REGIONAL WATER SUPPLY COMMISSION**  
**Wednesday, January 20, 2021 at 11:30 AM**

**MEETING HOTSHEET**  
**(ACTION LIST)**

---

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.

**3. ELECTION OF CHAIR**

Commissioner Szpak was elected as Chair of the Regional Water Supply Commission for 2021 by acclamation.

**4. ELECTION OF VICE CHAIR**

Commissioner Baird was elected as Vice Chair of the Regional Water Supply Commission for 2021 by acclamation.

**6. APPROVAL OF RESOLUTION FOR 2021**

That the Regional Water Supply Commission adopt the resolution as presented.

That this resolution applies to the Regional Water Supply Commission for the meetings being held between January 1, 2021 and December 31, 2021.

1. That the attendance of the public at the place of the meeting cannot be accommodated in accordance with the applicable requirements or recommendations under the *Public Health Act*, despite the best efforts of the Regional Water Supply Commission, because:
  - a. The available meeting facilities cannot accommodate more than (38) people in person, including members of the Regional Water Supply Commission and staff, and
  - b. There are no other facilities presently available that will allow physical attendance of the Regional Water Supply Commission and the public in sufficient numbers; and
2. That the Regional Water Supply Commission is ensuring openness, transparency, accessibility and accountability in respect of the open meeting by the following means:
  - a. By allowing the public to hear or participate via teleconference or electronic meeting software,
  - b. By providing notice of the meeting in newspaper or local notice Board, including the methods for providing written or electronic submissions,
  - c. By making the meeting agenda, as well as the other relevant documents, available on the CRD website, and directing interested persons to the website by means of the notices provided in respect of the meeting,
  - d. By strongly encouraging the provision of, and subsequently receiving and distributing to members, written correspondence from the public in advance of the meeting, and
  - e. By making the minutes of the meeting available on the CRD website following the meeting.

**CARRIED**



## 7. ADOPTION OF MINUTES

That the minutes of the November 25, 2020 meeting be adopted.

**CARRIED**

## 12. Appointment of COMMISSION Representative to the Water Advisory Committee for 2021-2022

That the Vice Chair of the Regional Water Supply Commission represent the Commission on the Water Advisory Committee for 2021.

**CARRIED**

## 13. COMMISSION BUSINESS

### 13.1. 2021 Greater Victoria Water Supply Area Mining Access Requests

That the Regional Water Supply Commission authorize Greater Victoria Water Supply Area access and special use to the mining tenure holders and their agents (where agency is confirmed) and workers (that hold valid free mining certificates) that meet Capital Regional District insurance requirements, as listed in Tables 1 and 2 of Appendix A, subject to the conditions of their Access Agreement, for the valid mining tenures they hold.

**CARRIED**

#### **Action:**

Discussion took place regarding remaining mineral and placer tenures in the Leech Water Supply area. The Commission requested that staff report back on the process for extinguishing remaining mining tenures within the Leech Water Supply Area.

### 13.2. Regional Water Supply Service 2021-2025 Capital Budget Amendment

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

That the provisionally approved Regional Water Supply Service 2021-2025 capital plan and budget be amended in accordance with the revised plan and budget for Project No. 21-05 as presented.

**CARRIED**

### 13.3. Water Watch Report

That the January 11, 2021 Water Watch report be received for information.

**CARRIED**

## 14. MOTION FOR WHICH NOTICE HAS BEEN GIVEN

### 14.1. Climate Change Impacts on CRD Water Operations

That the Regional Water Supply Commission request staff to bring forward a report outlining the current impacts and potential future impacts that climate change is having on CRD Water operations and the CRD's ability to provide water to the region.

**CARRIED**

#### 15. MOTION TO CLOSE THE MEETING

That the meeting be closed In accordance with the Community Charter, Part 4, Division 3, 90(1)(a) personal information about an identifiable individual who holds or is being considered for a position as an officer, employee or agent of the municipality or another position appointed by the municipality.

**CARRIED**

# CAPITAL REGIONAL DISTRICT - INTEGRATED WATER SERVICES

## Water Watch

Issued March 08, 2021

### Water Supply System Summary:

#### 1. Useable Volume in Storage:

Reservoir	March 31 5 Year Ave		March 31/20		March 7/21		% Existing Full Storage
	ML	MIG	ML	MIG	ML	MIG	
Sooke	92,634	20,379	92,383	20,324	92,727	20,400	100.0%
Goldstream	7,994	1,759	8,005	1,761	9,146	2,012	92.2%
Total	100,628	22,138	100,388	22,085	101,874	22,412	99.3%

#### 2. Average Daily Demand:

For the month of March	105.7 MLD	23.26 MIGD
For week ending March 07, 2021	105.7 MLD	23.25 MIGD
Max. day March 2021, to date:	108.4 MLD	23.86 MIGD

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

Average (2016 - 2020)	99.9 MLD <sup>1</sup>	21.98 MIGD <sup>2</sup>
-----------------------	-----------------------	-------------------------

<sup>1</sup>MLD = Million Litres Per Day      <sup>2</sup>MIGD = Million Imperial Gallons Per Day

#### 4. Rainfall March:

Average (1914 - 2020):	160.8 mm
Actual Rainfall to Date	22.3 mm (14% of monthly average)

#### 5. Rainfall: Sep 1- Mar 7

Average (1914 - 2020):	1,290.7 mm
2020/2021	1,400.4 mm (109% of average)

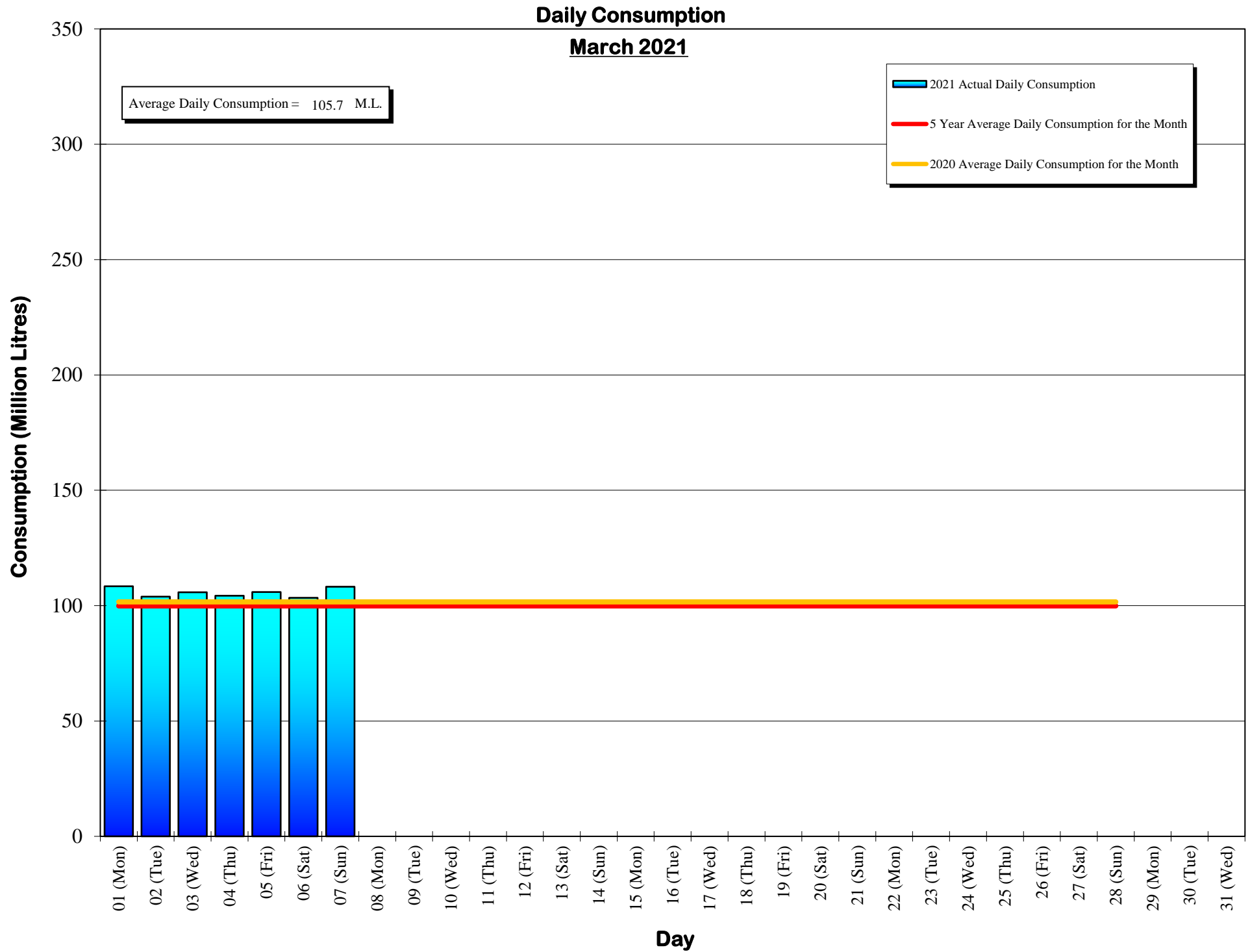
#### 6. Water Conservation Action Required:

To avoid possible leaks this spring, now is the time to winterize your sprinkler system.  
Visit [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 Consumptions: - March 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 (Mon)	108.4	<=Max	23.9	10	2	Cloudy / Showers / P. Sunny	0.3	0.0	0.3
02 (Tue)	103.9		22.9	9	0	Cloudy / P. Sunny	0.0	0.0	0.0
03 (Wed)	105.8		23.3	8	1	Sunny / P. Cloudy	0.0	0.0	0.0
04 (Thu)	104.3		22.9	10	1	Cloudy / Showers / P. Sunny	6.3	0.0	6.3
05 (Fri)	105.9		23.3	9	3	Cloudy / Showers	3.0	0.0	3.0
06 (Sat)	103.4	<=Min	22.7	10	2	Cloudy / Showers / P. Sunny	5.1	0.0	5.1
07 (Sun)	108.2		23.8	7	2	Cloudy / Showers / P. Sunny	7.6	0.0	7.6
08 (Mon)									
09 (Tue)									
10 (Wed)									
11 (Thu)									
12 (Fri)									
13 (Sat)									
14 (Sun)									
15 (Mon)									
16 (Tue)									
17 (Wed)									
18 (Thu)									
19 (Fri)									
20 (Sat)									
21 (Sun)									
22 (Mon)									
23 (Tue)									
24 (Wed)									
25 (Thu)									
26 (Fri)									
27 (Sat)									
28 (Sun)									
29 (Mon)									
30 (Tue)									
31 (Wed)									
TOTAL	739.9 ML		162.8 MIG				22.3	0	22.3
MAX	108.4		23.86	10	3		7.6	0	7.6
AVG	105.7		23.26	9.0	1.6		3.2	0	3.2
MIN	103.4		22.75	7	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 March (1914-2020)	160.8 mm
Actual Rainfall: March	22.3 mm
% of Average	14%
Average Rainfall (1914-2020): Sept 01 - Mar 07	1,290.7 mm
Actual Rainfall (2020/2021): Sept 01 - Mar 07	1,400.4 mm
% of Average	109%

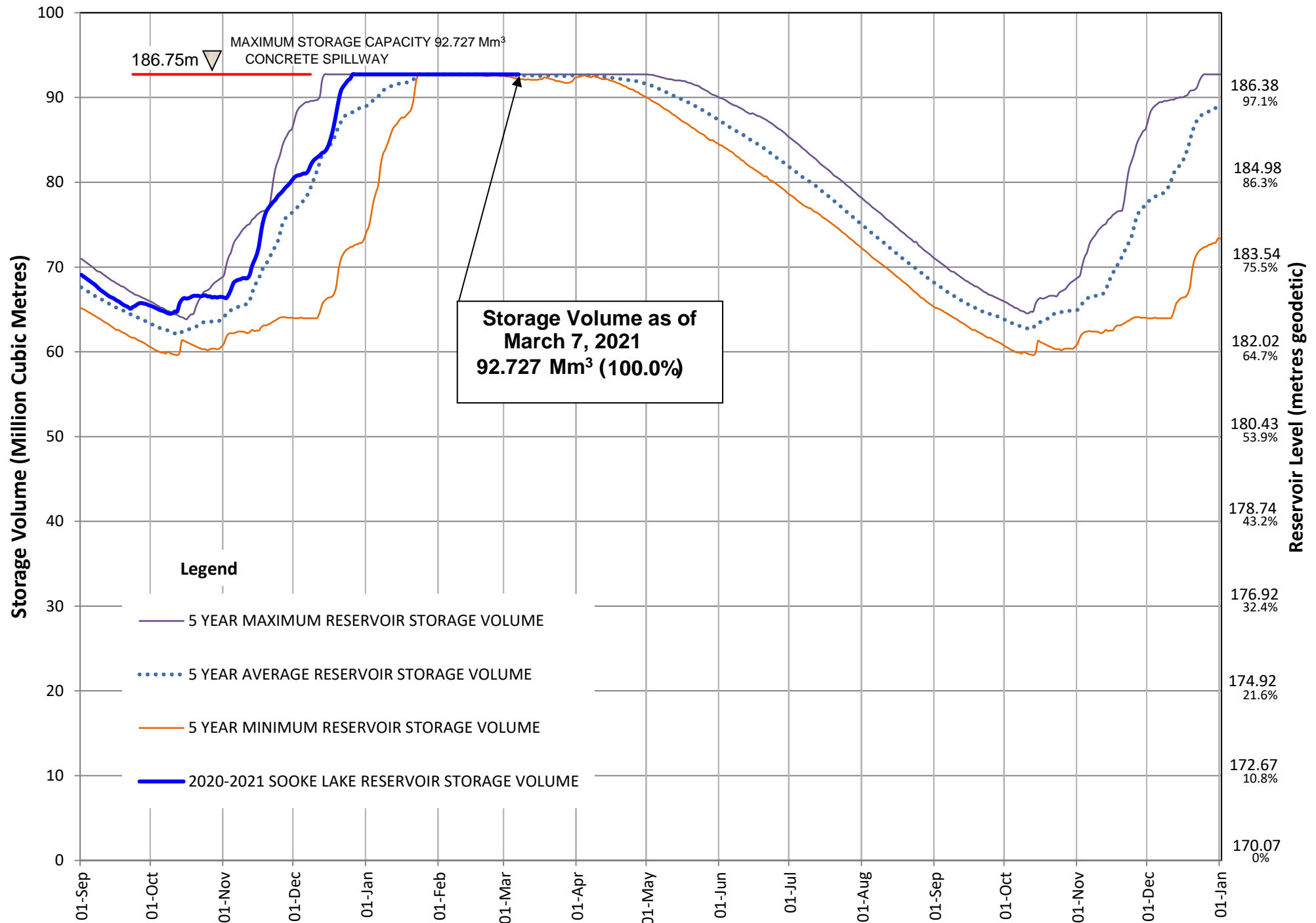
Number days with precip. 0.2 or more
5

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

7.56 Billion Imperial Gallons

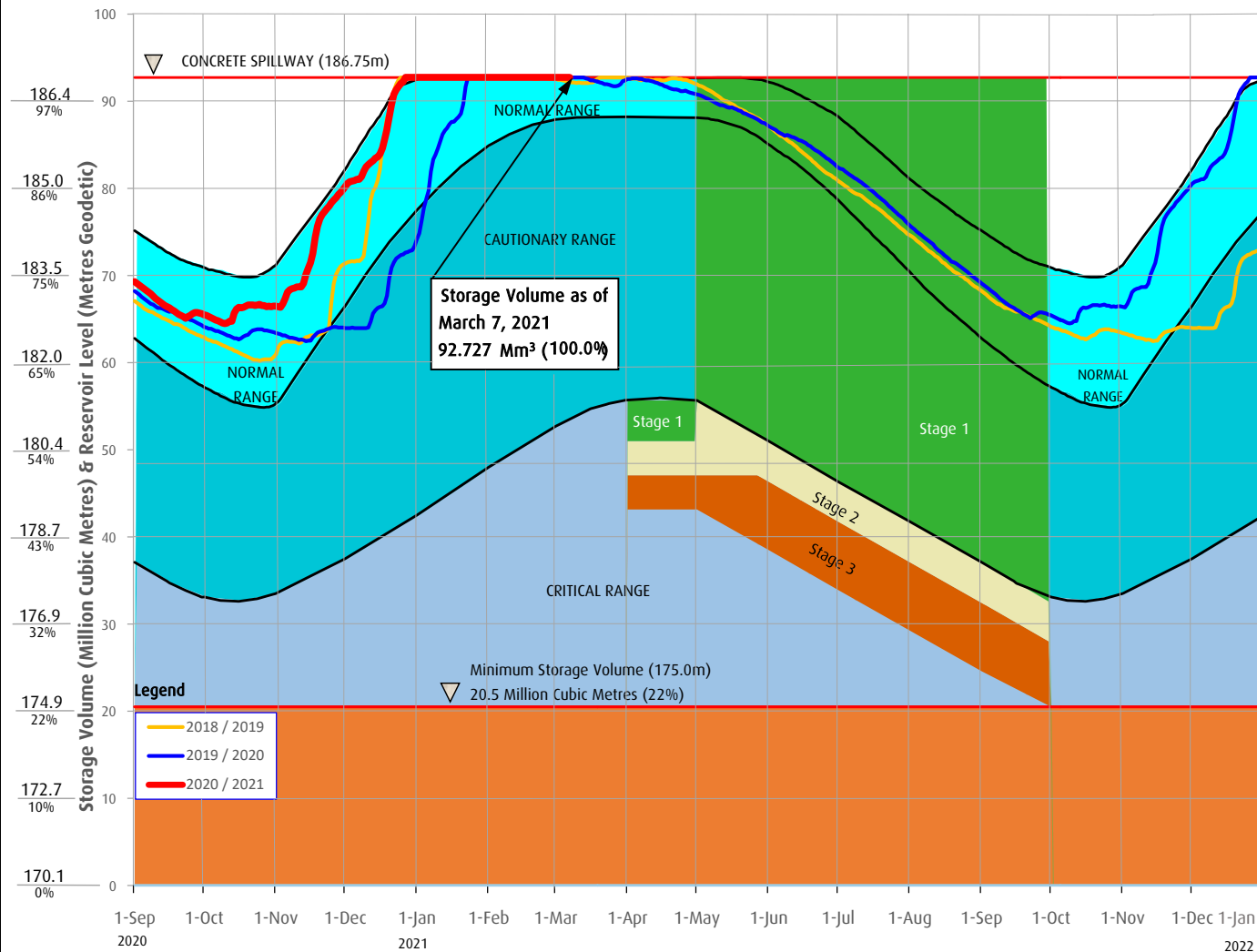
= 34.40 Billion Litres

# 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)



## Useable Reservoir Volumes in Storage for March 07, 2021

