



Making a difference...together

SAANICH PENINSULA WATER COMMISSION

Notice of Meeting on **Thursday, January 20, 2022 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.

M. Doehnel
S. Duncan
D. Halldorson
W. Helgason

D. Kelbert
Z. King
T. Lomas
C. McNeil-Smith

G. Orr
M. Weisenberger
R. Windsor

AGENDA

1. CALL TO ORDER

By General Manager, Integrated Water Services

2. TERRITORIAL ACKNOWLEDGEMENT

3. ELECTION OF CHAIR

(Pursuant to Section 9(2) Letters Patent)

Election conducted by General Manager, Integrated Water Services

4. ELECTION OF VICE CHAIR

(Pursuant to Section 9(2) Letters Patent)

Election conducted by General Manager, Integrated Water Services

5. APPROVAL OF AGENDA

6. ADOPTION OF MINUTES3

Recommendation: *That the minutes of the October 21, 2021 Saanich Peninsula Water Commission meeting be adopted.*

7. CHAIR'S REMARKS

8. 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.

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

**Saanich Peninsula Water Commission
Agenda – January 20, 2022**

2

9. GENERAL MANAGER'S REPORT

- 9.1. Weather Event Impacts [Verbal]
- 9.2. COVID-19 Update [Verbal]
- 9.3. Saanich Peninsula Water Commission Orientation [Presentation]7

10. COMMISSION BUSINESS

- 10.1. Summary of Recommendations from Other Water Commissions.....22

Recommendation: That the Summary of Recommendations from other Water Commissions be received for information.

- 10.2. Water Watch Report.....27

Recommendation: That the January 10, 2022 Water Watch Report be received for information.

- 10.3. Appointment of Saanich Peninsula Water Commission representative to the Water Advisory Committee

Recommendation: That the Saanich Peninsula Water Commission appoint its Vice Chair of the Commission to the Water Advisory Committee for a one year term ending December 31, 2022.

11. NEW BUSINESS

12. ADJOURNMENT

Next Meeting: Thursday, March 17, 2022



Making a difference...together

MINUTES OF A MEETING OF THE SAANICH PENINSULA WATER COMMISSION
Held Thursday, October 21, 2021 at 9:30 am in Meeting Room #6 at Greenglade Community
Centre, 2151 Lannon Way, Sidney BC

PRESENT: Commissioners: R. Barnhart (Chair); M. Doehnel (V. Chair); S. Duncan (EP); D. Kelbert (EP); B. Fallot for C. McNeil-Smith; G. Orr (EP); M. Weisenberger; M. Williams; R. Windsor (EP)

Staff: R. Lapham, CAO; T. Robbins, General Manager; I. Jesney, Senior Manager, Infrastructure Engineering; G. Harris (EP), Senior Manager, Environmental Protection; S. Irg, Senior Manager, Infrastructure Water Operations; K. Vincent, Senior Financial Advisor; D. Dionne, Administrative Coordinator (Recorder); M. Risvold, Committee Clerk

REGRETS: Z. King; M. Underwood

EP = Electronic Participation

The meeting was called to order at 9:30 am.

1. TERRITORIAL ACKNOWLEDGEMENT

Chair Barnhart provided the Territorial Acknowledgement.

2. APPROVAL OF AGENDA

MOVED by Commissioner Williams, **SECONDED** by Commissioner Doehnel,
 That the agenda be approved as circulated.

CARRIED

3. ADOPTION OF MINUTES

MOVED by Alternate Commissioner Fallot, **SECONDED** by Commissioner Williams,
 That the minutes of the May 20, 2021 Saanich Peninsula Water Commission meeting be adopted.

CARRIED

4. CHAIR'S REMARKS

Chair Barnhart noted that today is the annual BC ShakeOut Drill at 10:21 am for earthquake preparedness awareness.

5. PRESENTATIONS/DELEGATIONS

There were no presentations or delegations.

6. GENERAL MANAGER'S REPORT

6.1. Water Supply Outlook [Verbal]

T. Robbins spoke to Item 6.1 noting that the record rainfall in September came earlier and heavier than anticipated and at this time there are no concerns with water supply.

7. COMMISSION BUSINESS

7.1. 2022 Service Planning - Water

T. Robbins spoke to Item 7.1 noting that this report will be presented to all the water commissions and to the Committee of the Whole for approval.

MOVED by Commissioner Weisenberger, **SECONDED** by Commissioner Williams, 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 2022-2026 Financial Plan.

CARRIED

7.2. Saanich Peninsula Water Service – 2022 Operating and Capital Budget

T. Robbins spoke to Item 7.2. He advised that the Regional Bulk Water Rate and the agricultural water rate were approved at the Regional Water Supply Commission yesterday and that staff will undergo an agricultural water rate review early in the New Year.

Staff responded to questions from the Commission regarding:

- A consultant has been engaged to review the Cloak Hill reservoir capacity. The consultant and staff will consult with the District of North Saanich to work through the technical details of what is driving the demand and the potential need for additional storage.
- Demand related to poor ground preparation for landscaping irrigation. The Capital Regional District conducted workshops targeting drought tolerant landscaping and conservation irrigation in the past.

MOVED by Commissioner Doehnel, **SECONDED** by Alternate Commissioner Fallot, The Saanich Peninsula Water Commission recommends the Committee of the Whole recommend to the Capital Regional District Board to:

1. Approve the 2022 operating and capital budget;
2. Approve the 2022 Saanich Peninsula bulk water rate of \$1.0886 per cubic metre, and the Agricultural Research Station water rate of \$1.1238 per cubic metre, adjusted if necessary by any changes in the CRD Regional Water Supply wholesale water rate;
3. Direct staff to balance the 2021 actual revenue and expense on the transfer to capital reserve fund; and,
4. Direct staff to amend the Bulk Water Rates Bylaw accordingly.

CARRIED

7.3. Summary of Long-Term Capital Improvements and Operating Programs

I. Jesney spoke to Item 7.3.

Staff responded to a question from the Commission regarding the inclusion of evaluation of natural assets in the asset management program. The CRD Board has previously looked at the potential to review natural assets and determined that the work around natural assets is still evolving and did not proceed with valuing them at that time.

MOVED by Commissioner Williams, **SECONDED** by Commissioner Weisenberger,
That the Saanich Peninsula Water commission receives the report for information.

CARRIED

7.4. Post Disaster Water Supply Update, October 2021

S. Irg spoke to Item 7.4.

Staff will present a report in 2022 with the longer term plan which will help municipalities with planning. Staff continue to update the other water commissions and will share any further information with them as well.

Discussion ensued regarding First Nations participation on the Post Disaster Water Supply Technical Working Group.

MOVED by Commissioner Windsor, **SECONDED** by Commissioner Weisenberger,
That the Saanich Peninsula Water Commission direct staff to refer the Post Disaster Water Supply Technical Working Group information to the four Saanich Peninsula First Nations, being the Pauquachin, Tsartlip, Tsawout and Tseycum Nations, and invite them to send a representative to participate in future meetings.

CARRIED

MOVED by Commissioner Weisenberger, **SECONDED** by Commissioner Williams,
That the Saanich Peninsula Water Commission receive the report for information.

CARRIED

7.5. Summary of Recommendations from Other Water Commissions

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

CARRIED

7.6. Water Watch Report

MOVED by Alternate Commissioner Fallot, **SECONDED** by Commissioner Weisenberger,
That the October 11, 2021 Water Watch Report be received for information.

CARRIED

8. COMMISSION MEMBERSHIP

T. Robbins noted that municipalities have been advised by CRD Legislative Services of the terms expiring.

9. NOTICE(S) OF MOTION

There were no notices of motion.

10. NEW BUSINESS

There was no new business.

11. ADJOURNMENT

MOVED by Commissioner Weisenberger, **SECONDED** by Commissioner Williams,
That the October 21, 2021 meeting be adjourned at 10:27 am.

CARRIED

CHAIR

SECRETARY

Saanich Peninsula Water Service

Commission Orientation

January 20, 2022



Presentation Overview



- Service and Governance Framework
- Regional Water Supply
- System Infrastructure Overview
- Service Delivery - CRD Departmental Programs
 - Water Infrastructure Engineering & Operations
 - Plant Maintenance & Fleet
 - Water Quality
 - Water Metering and Billing
- Service Budgets
 - Operating & Capital
 - Budget Summaries
 - Water Demand & Water Rates

Service & Governance Framework



Provincial Regulation & CRD Bylaws

- Letters Patent 1976 – Saanich Peninsula Water Supply Service & Commission Establishment
- CRD Bylaw No. 4186 – CRD Board Delegation Bylaw
- CRD Bylaw No. 376 – Saanich Peninsula Bulk Water Rates Bylaw (Amending Bylaw 4267)
- CRD Bylaw No. 3208 – Water & Wastewater Development Cost Charge Bylaw (Amending Bylaw 4251)
- CRD Bylaw No. 3061 - Water Conservation Bylaw (Amending Bylaw 4248)
- CRD Bylaw No. 3516 – Cross Connection Control Bylaw (Amending Bylaw 4047)
- CRD Policies – Procurement (& Delegation) Policy

Service & Governance Framework



- CRD Board – Chair Colin Plant
- 2019 – 2022 Saanich Peninsula Water Commission – Chair & Vice Chair TBD
 - Cliff McNeil-Smith, Mayor, Sidney
 - Sara Duncan, Councillor, Sidney
 - Tony Lomas, Community, Sidney
 - Geoff Orr, Mayor, North Saanich
 - Murray Weisenberger, Councillor, North Saanich
 - Dwayne Halldorson, Community, North Saanich
 - Mike Doehnel, Community, Agriculture
 - Ryan Windsor, Mayor, Central Saanich
 - Zeb King, Councillor, Central Saanich
 - David Kelbert, Community, Central Saanich
 - Wayne Helgason, Community, Tsawout FN
- Water Advisory Committee – Chair/Vice Chair represents Saanich Peninsula Water Commission

Supply Source & Treatment

- Greater Victoria Water Supply Area – 20,549 hectares
 - Sooke, Goldstream, Leech Watersheds
- Sooke Lake Reservoir – Primary Supply Source
- Goldstream Reservoir System – Secondary Supply Source
- Unfiltered Source Water with 3-Step Disinfection Process
 - Primary Disinfection
 - Ultraviolet light – targets parasites (Giardia & Crypto)
 - Free chlorine – targets bacteria & viruses
 - Secondary Disinfection
 - Ammonia to produce chloramine – long-lasting disinfectant residual
 - Unfiltered Raw Source Water
 - Turbidity (cloudiness) typically < 1 NTU
 - E.Coli bacteria < 20 CFU/100 mL



Saanich Peninsula Water System

Infrastructure Overview

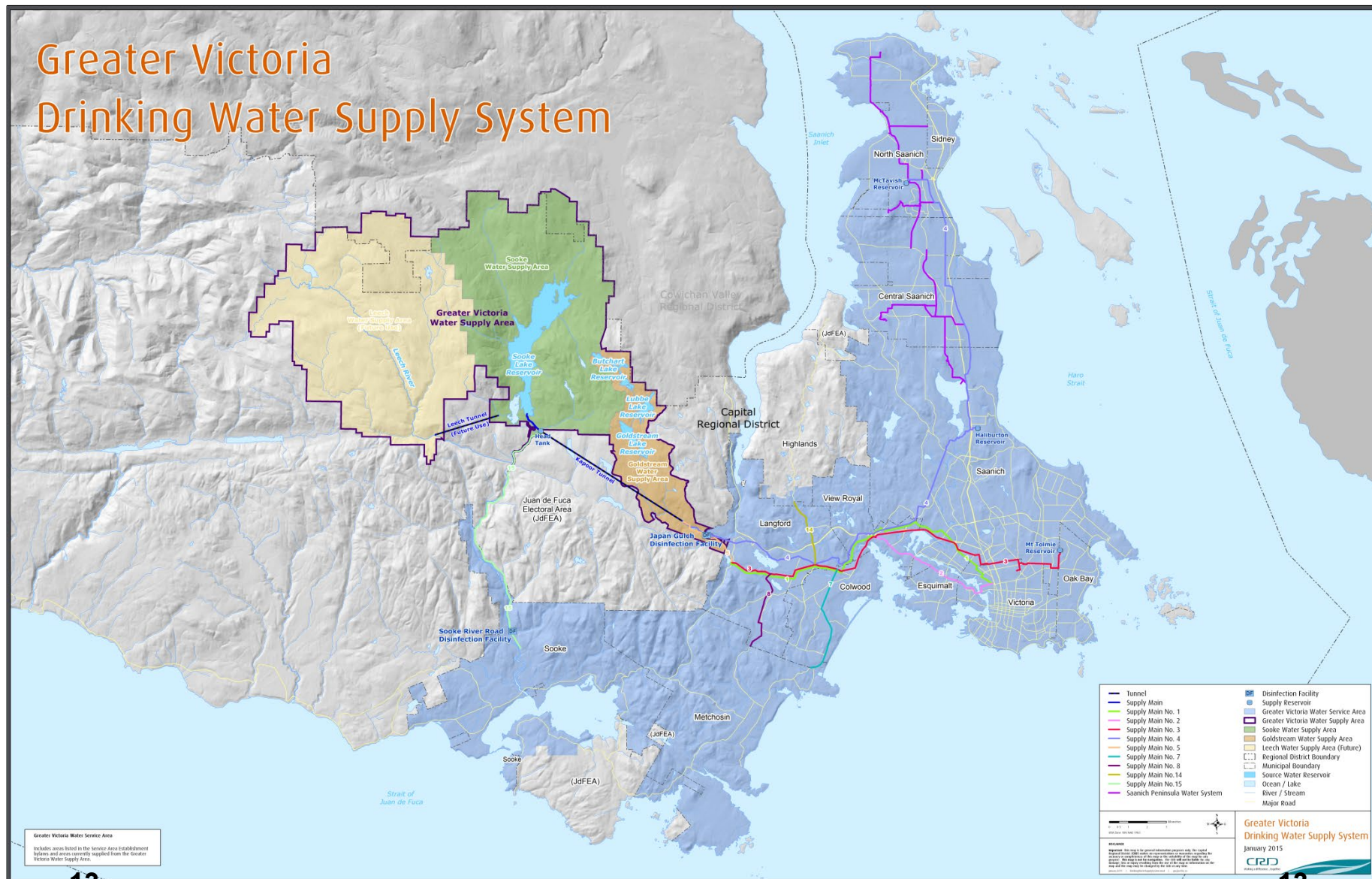
- Total length of trunk water mains across system: 46 kilometres
- Pipe diameters range from 300mm – 762mm; 1975 – 2018 construction
- Pipe material types:
 - Asbestos Cement (AC) 28%
 - Fiberglass 1%
 - Ductile Iron (DI) 44%
 - PVC 19%
 - Steel 8%
- Number of balancing reservoirs: 7
- Number of pressure control stations: 10
- Number of pumping stations: 7
- Number of transmission input meters: 3
- Number of supply output meters: 16
- Number of pressure zones: 9



System Infrastructure Overview

CRD

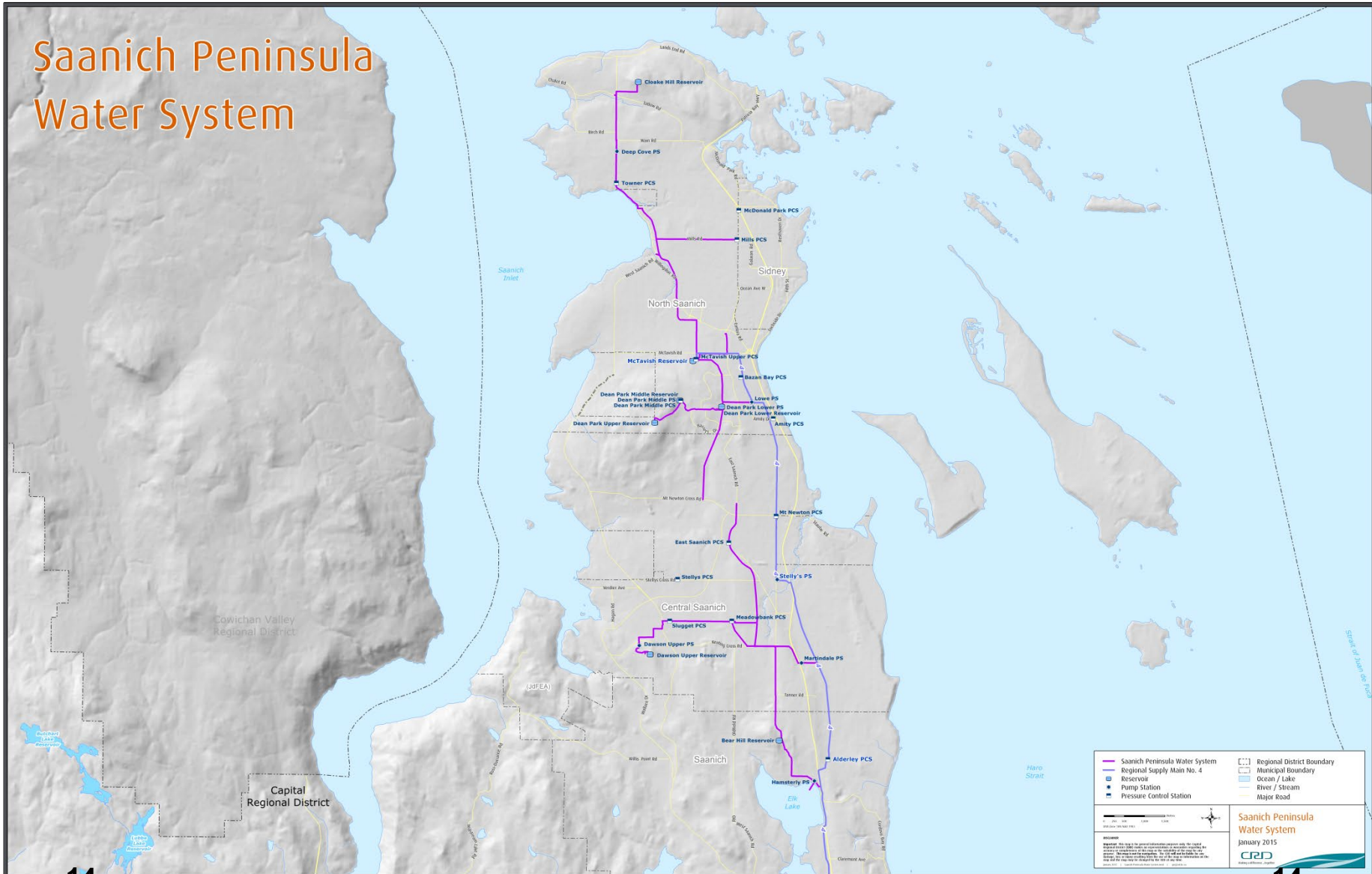
Greater Victoria Drinking Water Supply System



System Infrastructure Overview

CRD

Saanich Peninsula Water System

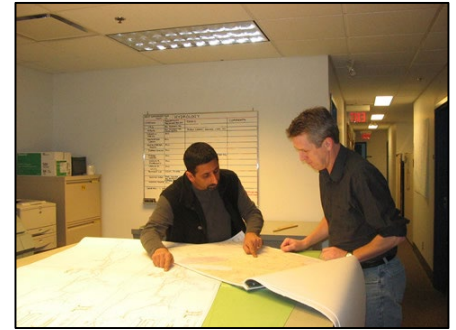


Saanich Peninsula Water Service Delivery

CRD Departmental Programs



- Water Infrastructure Engineering & Operations
 - Water System Operation and Maintenance
 - Capital Project Delivery
 - Engineering Design & Project Management
 - System Infrastructure Planning & Asset Management
 - Emergency Response
- Watershed Protection
 - Wildfire Management, Security, Emergency Response
 - Watershed Road & Facility Operations
 - Ecological Resource Planning
 - Silviculture & Forest Fuel Management
- Plant Maintenance & Fleet Management
 - Preventive Maintenance Planning & Management for Operations
 - Fleet: Service Vehicles & Heavy Equipment



Saanich Peninsula Water Service Delivery

CRD Departmental Programs



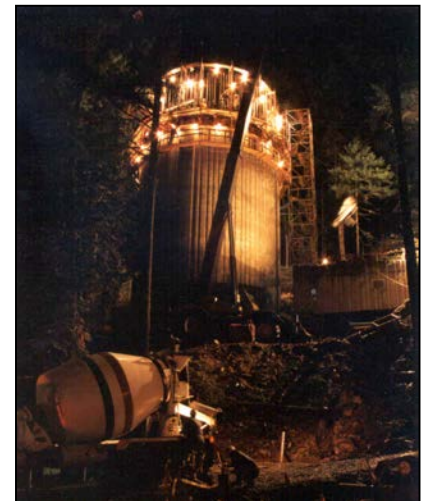
- Water Quality
 - Water Quality Sampling, Monitoring, Compliance Reporting
 - Source Water Protection
 - CRD Accredited Lab – bacteriological, chemistry, aquatic ecology testing
 - Cross Connection Control
- Water Metering & Billing
 - Meter Reading & Municipal Billing
 - Customer Service and Field Response
 - Leaks, Pressure Issues, Meter Inquiries
- Demand Management
 - Administration of Water Conservation Bylaw
 - Promotion of Responsible Water Use – Outreach & Education



Service Budgets

CRD

- Operating & Capital Budgets
 - Provides for all expenditures for Operation & Maintenance (O&M), administration of water service and capital projects
- Operating, Capital Project Lists & Supplemental budget items considered by Commission annually in September for recommendation to CRD Board
- Service Funding
 - 100% of operating costs funded by sale of bulk water to Municipalities
 - Development Cost Charge Capital (DCC) – primarily funded through collection of DCC funds
 - 100% of debt costs funded by requisition to Municipalities calculated by formula

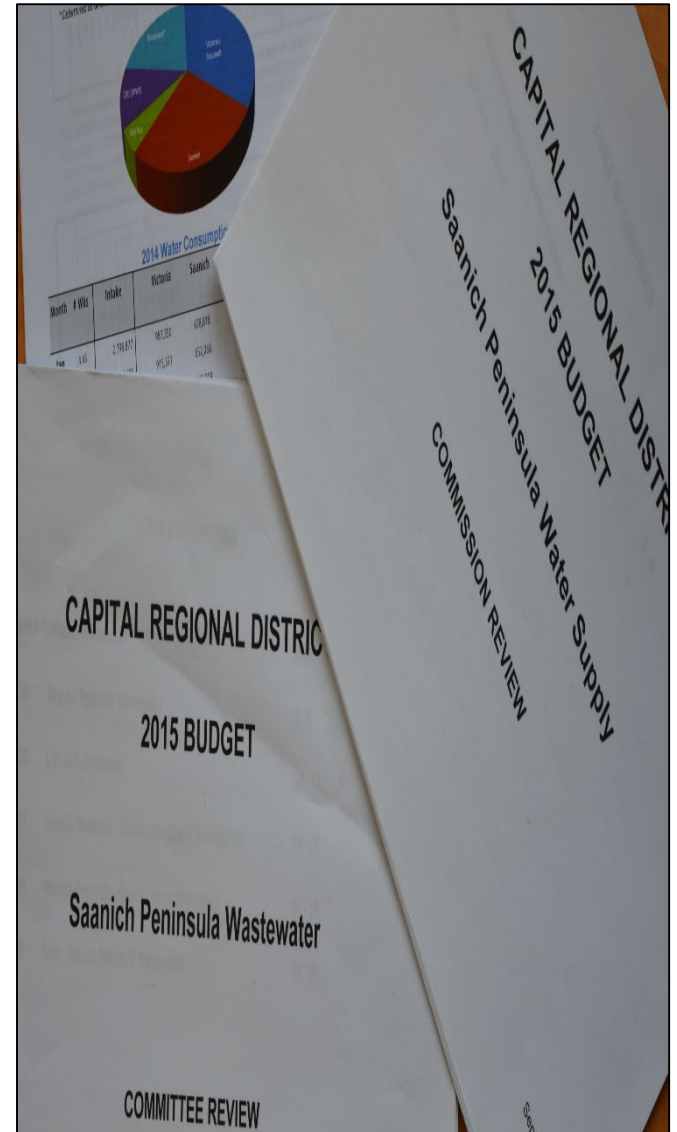


Service Budget Summaries

CRD

- 2022 Budgets:
 - Total Budget– Operating & Capital : \$2.46 M
 - Bulk Water Purchase Cost: \$5.06 M
 - Total Water Capital Projects Value: \$4.28 M
 - Total DCC Capital: \$0.03 M
 - Debt Servicing: \$0

- Reserve Funds (December 2021 balances)
 - Capital Reserve Fund: \$5.30 M
 - DCC Reserve Fund: \$2.08 M
 - Equipment Replacement Fund: \$1.81 M



Water Demand & Rates

- 2022 Regional Water Supply Wholesale Water Rate: \$0.7332 / cubic metre
- 2022 Saanich Peninsula Bulk Rate: \$1.0886 / cubic metre
- 2022 Agricultural Research Station Rate: \$1.1238 / cubic metre
- 2022 Budget Water Demand: 6,900,000 cubic metres
- 2022 Regional Water Agricultural Rate: \$0.2105 / Cubic metre



Staff Support



- CRD Administration and Finance
 - Bob Lapham, CAO
 - Nelson Chan, CFO & GM, Finance & Technology
 - Kim Vincent / Laurel Westinghouse, Accountant & Financial Analyst, Water Services
- Saanich Peninsula Water System Operations, Engineering & Commission Support
 - Ted Robbins, GM, Integrated Water Services
 - Shayne Irg, Senior Manager, IWS Water Operations
 - Ian Jesney, Senior Manager, IWS Engineering
 - Jan Van Niekerk, Senior Manager, Customer & Technical Services
 - Tanya Duthie, Manager, IWS Administration
 - Denise Dionne, IWS Administration Coordinator & Commission Secretary
- Water Quality Program
 - Larisa Hutcheson, GM, Parks & Environmental Services
 - Glenn Harris, Senior Manager, Environmental Protection & Water Quality

- Questions?



JUAN DE FUCA WATER DISTRIBUTION COMMISSION
Tuesday, January 4, 2022 at 12 PM

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 December 7, 2021 meeting be adopted.

CARRIED

7. COMMISSION BUSINESS

7.1. Water Watch Report

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

CARRIED

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

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.

CARRIED

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.

CARRIED

11. RISE AND REPORT

The Commission rose from its closed session without report.



JUAN DE FUCA WATER DISTRIBUTION COMMISSION
Tuesday, December 7, 2021 at 12 PM

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 October 5, 2021 meeting be adopted.

CARRIED

7. COMMISSION BUSINESS

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

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

That the report be received for information.

CARRIED

7.3. Summary of Recommendations from Other Water Commissions

That the Summary of Recommendations be received for information.

CARRIED

7.4. Water Watch Report

That the November 29, 2021 Water Watch Report be received for information.

CARRIED

10. MOTION TO CLOSE THE MEETING

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 without report.



REGIONAL WATER SUPPLY COMMISSION
Wednesday, November 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 October 20, 2021 meeting be adopted.

CARRIED

7. COMMISSION BUSINESS

7.1. Regional pH and Corrosion Study Update

The Regional Water Supply Commission receives the Greater Victoria pH & Corrosion Study report for information.

CARRIED

7.2. Water Quality Summary Report for Greater Victoria Drinking Water System – July-September 2021

That the Regional Water Supply Commission receives the Water Quality Summary Report for the Greater Victoria Drinking Water System – July to September 2021 for information.

CARRIED

7.3. Summary of Recommendations from Other Water Commissions

That the Regional Water Supply Commission receive the Summary of Recommendations from Other Water Commissions for information.

CARRIED

7.4. Water Watch Report

That the Regional Water Supply Commission receives the November 8, 2021 water watch report for information.

CARRIED



REGIONAL WATER SUPPLY COMMISSION
Wednesday, October 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. ADOPTION OF MINUTES

That the minutes of the July 21, 2021 meeting be adopted.

CARRIED

8. COMMISSION BUSINESS

8.1. Water Conservation Initiative - Once-Through Cooling Project Reduced Rebates Program

That staff be directed to advertise and administer a once-through cooling equipment replacement rebate program in the 2022-2026 budgets for a total amount of \$20,000 per year up to a maximum of \$2,500 per water account.

CARRIED
Opposed: Graham

Action

Staff to report back at the end of 2022 on the environmental benefits of the once-through cooling equipment replacement rebate program including energy costs of once-through cooling versus forced air cooling.

G. Harris

8.2. 2022 Service Planning – Water

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 2022-2026 Financial Plan.

CARRIED

8.3. Regional Water Supply Service 2022 Operating and Capital Budget

That the Regional Water Supply Commission recommends the Committee of the Whole recommends to the Capital Regional District Board to:

1. Approve the 2022 Operating and Capital Budget and the Five Year Capital Plan;

2. Approve the 2022 wholesale water rate of \$0.7332 per cubic metre;
3. Approve the 2022 agricultural water rate of \$0.2105 per cubic metre;
4. Direct staff to balance the 2021 actual revenue and expense on the transfer to the water capital fund; and
5. Direct staff to amend the Water Rates Bylaw accordingly.

CARRIED

8.4. Water Quality Summary Report for Greater Victoria Drinking Water System – April-June 2021

The Regional Water Supply Commission receives the Water Quality Summary Report for the Greater Victoria Drinking Water System – April to June 2021 for information.

CARRIED

8.5. Summary of Recommendations from Other Water Commissions

That the Regional Water Supply Commission receives the summary of recommendations from other water commissions for information.

CARRIED

8.6. Water Watch Report

That the Regional Water Supply Commission receives the October 11, 2021 water watch report for information.

CARRIED

CAPITAL REGIONAL DISTRICT - INTEGRATED WATER SERVICES

Water Watch

Issued January 10, 2022

Water Supply System Summary:

1. Useable Volume in Storage:

Reservoir	January 31 5 Year Ave		January 31/21		January 9/22		% Existing Full Storage
	ML	MIG	ML	MIG	ML	MIG	
Sooke	92,727	20,400	92,727	20,400	92,727	20,400	100.0%
Goldstream	8,157	1,794	8,959	1,971	9,907	2,179	99.9%
Total	100,884	22,194	101,686	22,371	102,634	22,579	100.0%

2. Average Daily Demand:

For the month of January	115.0 MLD	25.31 MIGD
For week ending January 09, 2022	113.4 MLD	24.95 MIGD
Max. day January 2022, to date:	127.4 MLD	28.02 MIGD

3. Average 5 Year Daily Demand for January

Average (2017 - 2021)	99.2 MLD ¹	21.82 MIGD ²
-----------------------	-----------------------	-------------------------

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

4. Rainfall January:

Average (1914 - 2021):	274.7 mm
Actual Rainfall to Date	114.9 mm (42% of monthly average)

5. Rainfall: Sep 1- Jan 9

Average (1914 - 2021):	868.4 mm
2021 - 2022	1,373.5 mm (158% of average)

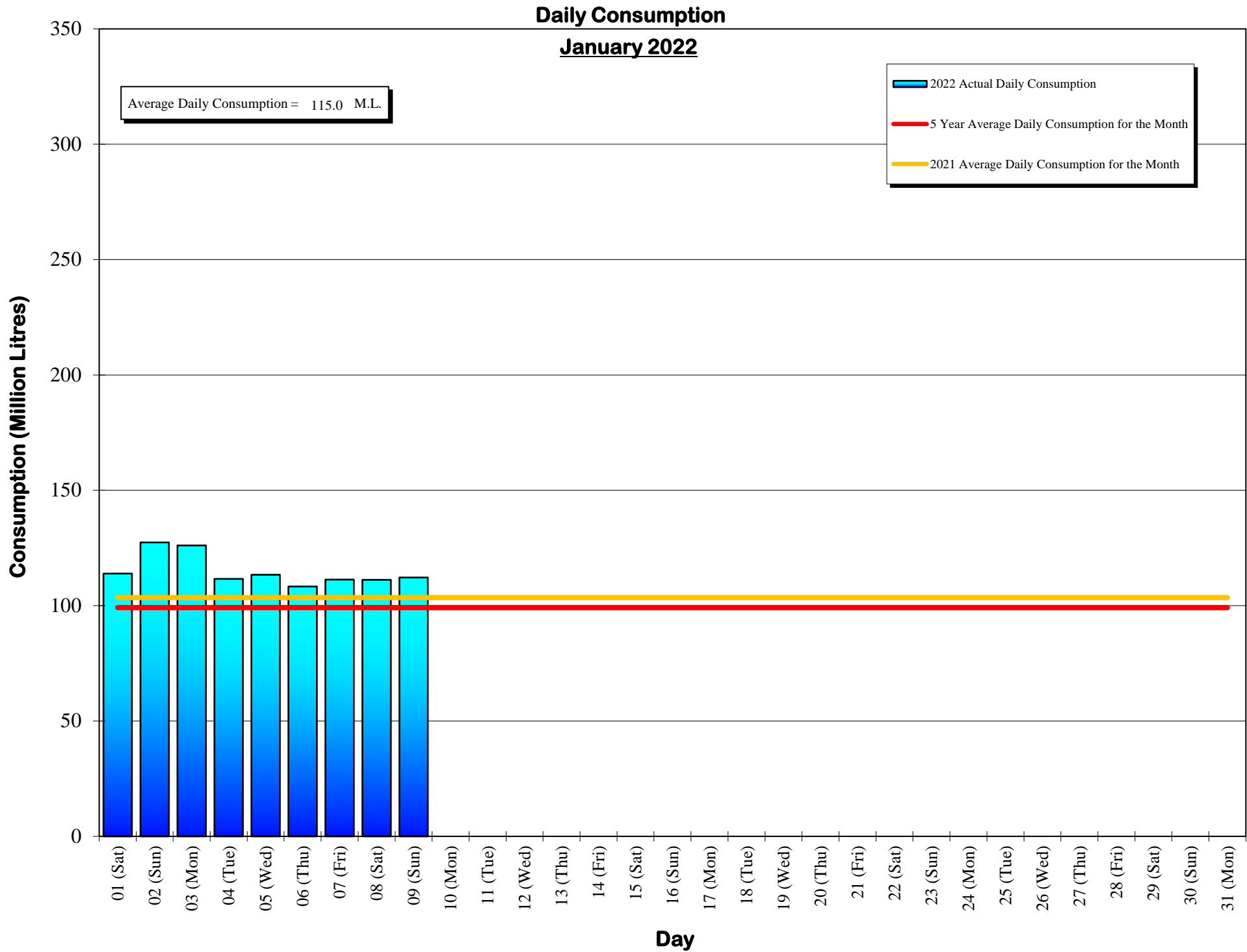
6. Water Conservation Action Required:

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:

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: - January 2022

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 (Sat)	113.9		25.1	1	-7	Sunny / P. Cloudy	0.0	0.0	0.0
02 (Sun)	127.4	<=Max	28.0	2	-1	Cloudy / Rain	25.4	0.0	25.4
03 (Mon)	126.1		27.7	2	0	Cloudy / Rain / Flurries	16.8	12.6	18.1
04 (Tue)	111.6		24.6	1	0	Cloudy / Rain / Flurries	7.1	78.7	15.0
05 (Wed)	113.4		24.9	1	-1	Cloudy / Snow	0.0	45.6	4.6
06 (Thu)	108.3	<=Min	23.8	1	-1	Cloudy / Snow / Rain	35.1	142.0	49.3
07 (Fri)	111.3		24.5	4	-1	Cloudy / Showers / Flurries	0.5	2.5	0.8
08 (Sat)	111.2		24.5	2	-1	Cloudy / Flurries	0.8	10.2	1.8
09 (Sun)	112.2		24.7	2	0	Cloudy	0.0	0.0	0.0
10 (Mon)									
11 (Tue)									
12 (Wed)									
13 (Thu)									
14 (Fri)									
15 (Sat)									
16 (Sun)									
17 (Mon)									
18 (Tue)									
19 (Wed)									
20 (Thu)									
21 (Fri)									
22 (Sat)									
23 (Sun)									
24 (Mon)									
25 (Tue)									
26 (Wed)									
27 (Thu)									
28 (Fri)									
29 (Sat)									
30 (Sun)									
31 (Mon)									
TOTAL	1035.4 ML		227.77 MIG				85.7	292	114.9
MAX	127.4		28.02	4	0		35.1	142	49.3
AVG	115.0		25.31	1.8	-1.3		9.5	32	12.8
MIN	108.3		23.82	1	-7		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 January (1914-2021)	274.7 mm	Number days with precip. 0.2 or more
Actual Rainfall: January	114.9 mm	
% of Average	42%	
Average Rainfall (1914-2021): Sept 01 - Jan 09	868.4 mm	7
Actual Rainfall (2021): Sept 01 - Jan 09	1,373.5 mm	
% of Average	158%	

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

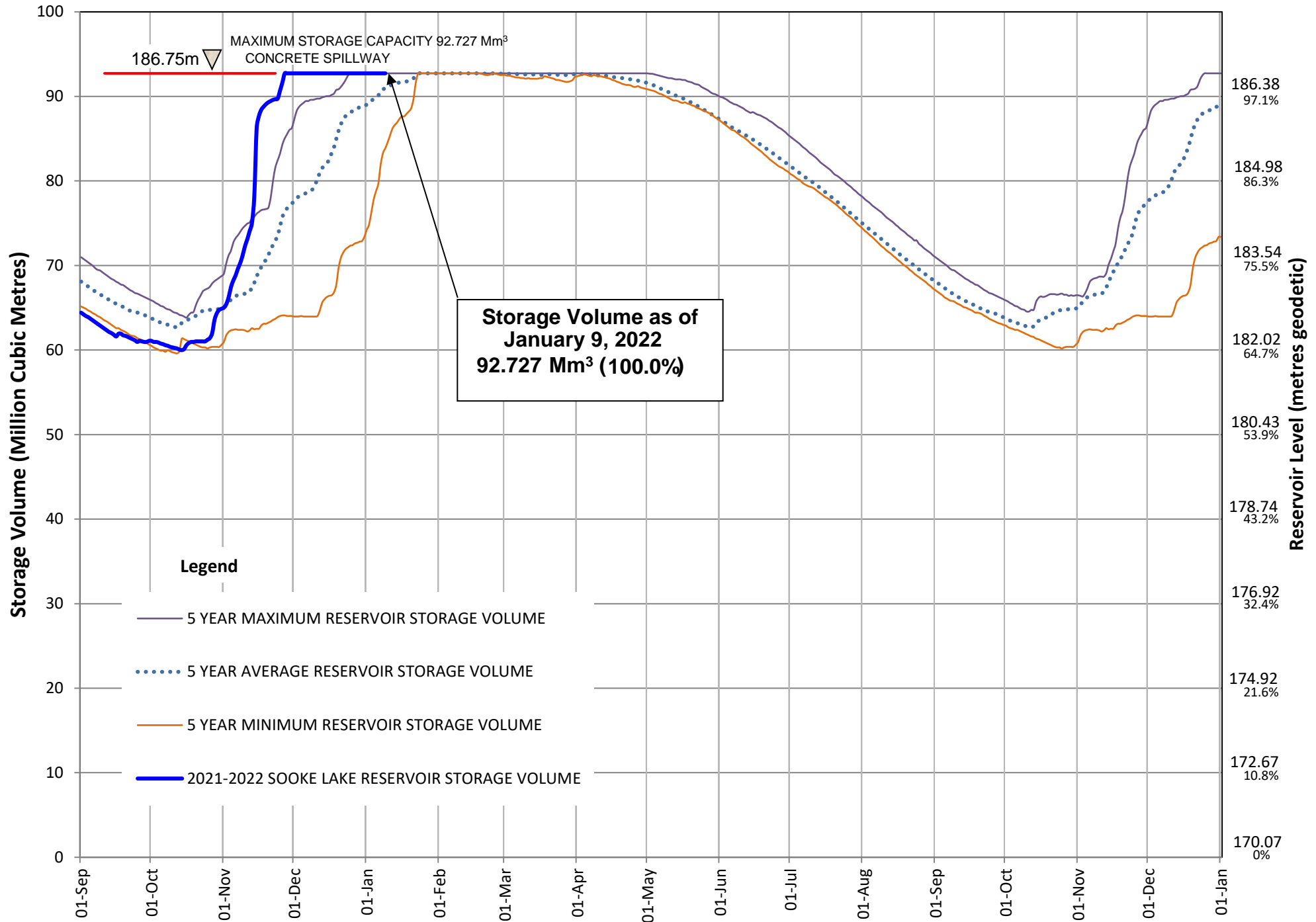
7.08 Billion Imperial Gallons

=

32.20 Billion Litres

SOOKE LAKE RESERVOIR STORAGE SUMMARY

2021 / 2022



FAQs





Useable Reservoir Volumes in Storage for January 09, 2022

