



SAANICH PENINSULA WATER COMMISSION
 Notice of Meeting on **Thursday, September 28, 2023** Immediately following the
Saanich Peninsula Wastewater Commission meeting
 Meeting Room, Sidney Community Safety Building (Fire Hall),
 2245 Oakville Ave, 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.

- | | | |
|-------------------------|-----------------|----------------|
| D. Kelbert (Chair) | W. Helgason | C. Pinches |
| M. Doehnel (Vice Chair) | P. Jones | S. Shrivastava |
| S. Duncan | Z. King | R. Windsor |
| D. Halldorson | C. McNeil-Smith | |

AGENDA

- 1. TERRITORIAL ACKNOWLEDGEMENT**
- 2. APPROVAL OF AGENDA**
- 3. ADOPTION OF MINUTES3**
Recommendation: That the minutes of the July 20, 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 Saanich Peninsula Water 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. Water Main Leak Repair, McTavish Road – Update**
- 7. COMMISSION BUSINESS**
 - 7.1. Recommendations from Other Water Commissions6**
There is no recommendation, this report is for information only.

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

7.2. Water Watch Report8

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

8. NOTICE(S) OF MOTION

8.1. Speaker Series: Commissioners King, Doehnel and Chair Kelbert.....14

Whereas, there is a need for the commission to engage with citizens about water and wastewater trends, technologies and ideas, and

Whereas, the benefits of engaging with the community before tackling pressing issues will move the relationship with the public beyond a transactional exchange and toward increased trust, and

Whereas hearing from outside experts on topics of public interest will benefit staff, leaders and the community.

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.

9. NEW BUSINESS

10. ADJOURNMENT

Next Meeting: Thursday, October 19, 2023 Budget Review



Making a difference...together

ITEM 3

MINUTES OF A MEETING OF THE Saanich Peninsula Water Commission, held Thursday, July 20, 2023 immediately following the Saanich Peninsula Wastewater Commission, Sidney Community Safety Building, 2245 Oakville Ave., Sidney BC

PRESENT: Commissioners: D. Kelbert (Chair); M. Doehnel (Vice Chair); S. Duncan; D. Halldorson; W. Helgason; P. Jones; Z. King; C. McNeil-Smith; C. Pinches; R. Windsor (EP)

Staff: I. Jesney, Acting General Manager, Integrated Water Services; G. Harris, Senior Manager, Environmental Protection; J. Marr, Acting Senior Manager, Infrastructure Engineering; S. Irg, Senior Manager, Water Infrastructure Operations; J. Dales, Senior Manager, Wastewater Infrastructure Operations; D. Dionne, Administrative Coordinator, Integrated Water Services (Recorder)

REGRETS: S. Shrivastava;

EP = Electronic Participation

The meeting was called to order at 10:31 am.

1. TERRITORIAL ACKNOWLEDGEMENT

An acknowledgement was provided in the preceding meeting.

2. APPROVAL OF AGENDA

MOVED by Commissioner Duncan, **SECONDED** by Commissioner Halldorson, That the agenda be approved.

CARRIED

3. ADOPTION OF MINUTES

MOVED by Commissioner Duncan, **SECONDED** by Commissioner Pinches, That the minutes of the March 16, 2023 meeting be adopted.

CARRIED

4. CHAIR'S REMARKS

The Chair made no remarks.

5. PRESENTATIONS/DELEGATIONS

There were none.

6. GENERAL MANAGER'S REPORT

There were no remarks.

7. COMMISSION BUSINESS

7.1. Disaster Mitigation and Adaptation Fund Grant Application – Update

Staff introduced the staff report and responded to questions from the Commission regarding:

- Unanimous support of the recommendation at the Regional Water supply Commission meeting on July 19, 2023.
- Timeline for receiving notification of outcome of the grant application.
- Timeframe the CRD has to spend the grant funds.

MOVED by Commissioner King, **SECONDED** by Commissioner McNeil-Smith, That the Saanich Peninsula Water Commission recommends to the Capital Regional District Board:

That staff be instructed to apply for, negotiate, and if successful, enter into an agreement, and do all such things necessary for accepting Disaster Mitigation and Adaptation grant funds and overseeing grant management for the proposed project.

CARRIED

7.2. Saanich Peninsula Water Service Mid-Year Update

Staff provided a summary of the report and responded to questions from the Commission regarding:

- Meter reading and bulk water servicing for First Nations.
- Progress update on agreement with Central Saanich for First Nations bulk water servicing.
- Cloak hill reservoir storage.

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

7.3. Summary of Recommendations from Other Water Commissions

There was no discussion.

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

7.4. Water Watch Report

I. Jesney provided some information on the CRD's drought management as he has had to respond to the media on this since the Province issued Level 5 drought management. He noted that CRD manages drought based on water availability and usage patterns. CRD's water daily water usage is consistent year over year. Water levels drop 30 to 40 millimeters at night. When it gets hotter, people don't use more water, people's irrigation habits are pretty established with the annual watering restrictions. CRD's water levels are in the normal range.

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

1. NOTICE(S) OF MOTION

There were none.

2. NEW BUSINESS

There was none.

3. ADJOURNMENT

MOVED by Commissioner King, **SECONDED** by Commissioner Halldorson,
That the July 20, 2023 meeting be adjourned at 10:55 am.

CARRIED

CHAIR

SECRETARY

DRAFT



Capital Regional District

HOTSHEET AND ACTION LIST

Regional Water Supply Commission

Wednesday, July 19, 2023

11:30 AM

CRD Board Room
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.

2. ELECTION OF VICE CHAIR

Commissioner Karen Harper was elected Vice Chair for the remainder of the one-year term ending December 31, 2023.

4. ADOPTION OF MINUTES

That the minutes of the May 17, 2023 meeting be adopted.

CARRIED

8. WATER ADVISORY COMMITTEE

8.1 Water Advisory Committee Recommendation: Conservation Strategies

Recommendation: The Water Advisory Committee recommends that the Regional Water Supply Commission consider:

1. Increasing water conservation efforts and messaging and creating a literacy program for sharing water conservation.
2. Storage discussions with member municipalities.
3. Increasing bulk water rates to encourage conservation and to fund increased storage in partnership with municipalities.

CARRIED

Motion Arising:

That the Water Advisory Committee recommendations be referred to staff for consideration in the new strategic planning process.

CARRIED

9. COMMISSION BUSINESS

9.1 Watershed Security Officer Designation

Recommendation: That the Regional Water Supply Commission recommends that the Capital Regional District Board:
Appoint Jim Harradine and Derek Hall as Watershed Security Officers; and that Devon Barnes be removed from appointment; for the purpose of Section 233 of the Local Government Act and Section 28(3) of the Offence Act, and in accordance with Capital Regional District Bylaw No. 2681.

CARRIED

9.2 Regional Water Supply Commission - Disaster Mitigation and Adaptation Fund Grant Application

Recommendation: That the Regional Water Supply Commission recommends that the Capital Regional District Board:
That staff be instructed to apply for, negotiate, and if successful, enter into an agreement, and do all such things necessary for accepting Disaster Mitigation and Adaptation grant funds and overseeing grant management for the proposed projects.

CARRIED

9.3 Agricultural Water Rate Review Update

Recommendation: That staff be directed to proceed with the next phase of the Agricultural Water Rate Review.

CARRIED

Opposed: Graham

10. NOTICE(S) OF MOTION

10.1 Motion with Notice: Placement of Post Disaster Water Supply Drop Kits in Relevant Fire Halls (Commissioner Rogers)

Recommendation: That staff be directed to explore cost-sharing with municipalities to have Post Disaster Water Supply Drop Kits placed in relevant fire halls, for consideration in the next budget cycle.

CARRIED

CAPITAL REGIONAL DISTRICT - INTEGRATED WATER SERVICES

Water Watch

Issued September 18, 2023

Water Supply System Summary:

1. Useable Volume in Storage:

Reservoir	September 30 5 Year Ave		September 30/22		September 17/23		% Existing Full Storage
	ML	MIG	ML	MIG	ML	MIG	
Sooke	64,462	14,182	68,346	15,036	63,435	13,956	68.4%
Goldstream	6,039	1,329	8,284	1,822	7,697	1,693	77.6%
Total	70,500	15,510	76,630	16,859	71,132	15,649	69.3%

2. Average Daily Demand:

For the month of September	177.0 MLD	38.93 MIGD
For week ending September 17, 2023	176.0 MLD	38.72 MIGD
Max. day September 2023, to date:	190.2 MLD	41.85 MIGD

3. Average 5 Year Daily Demand for September

Average (2018 - 2022)	157.4 MLD ¹	34.63 MIGD ²
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¹MLD = Million Litres Per Day ²MIGD = Million Imperial Gallons Per Day

4. Rainfall September:

Average (1914 - 2022):	66.5 mm
Actual Rainfall to Date	1.3 mm (2% of monthly average)

5. Rainfall: Sep 1- Sep 17

Average (1914 - 2022):	27.8 mm
2022/2023	1.3 mm (5% of average)

6. Water Conservation Action Required:

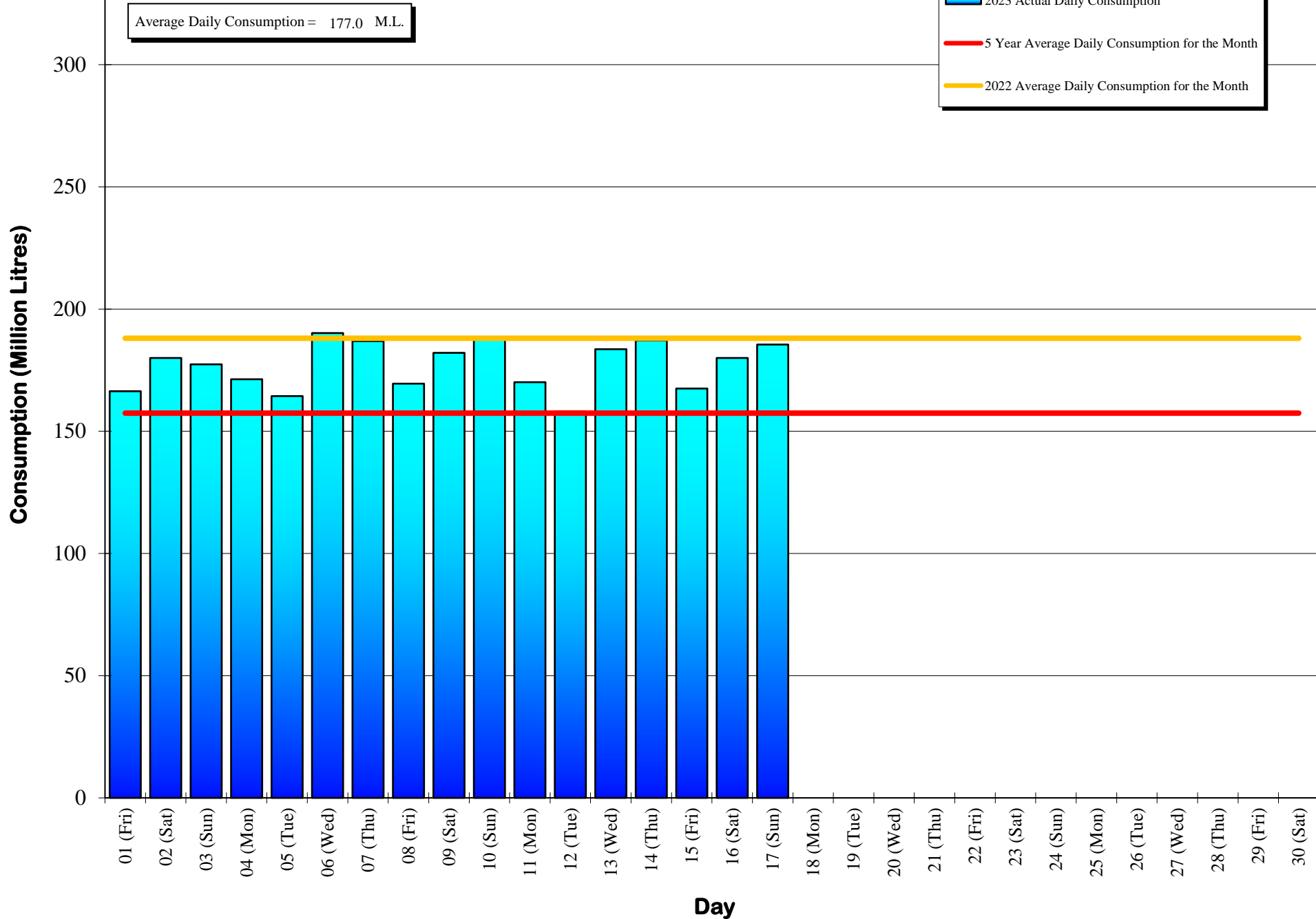
CRD's Stage 1 Water Conservation Bylaw is now in effect through September 30, 2023
Visit our website at www.crd.bc.ca/water for scheduling information.

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 September 2023



Daily Consumptions: - September 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)	166.4		36.6	26	12	Sunny	0.0	0.0	0.0
02 (Sat)	180.0		39.6	27	13	Sunny	0.0	0.0	0.0
03 (Sun)	177.4		39.0	22	12	Cloudy	0.0	0.0	0.0
04 (Mon)	171.3		37.7	18	12	Cloudy / P. Sunny	0.0	0.0	0.0
05 (Tue)	164.4		36.2	20	10	Sunny / P. Cloudy	0.0	0.0	0.0
06 (Wed)	190.2	<=Max	41.8	20	11	Cloudy / P. Sunny	0.0	0.0	0.0
07 (Thu)	186.9		41.1	20	12	Cloudy / P. Sunny	0.0	0.0	0.0
08 (Fri)	169.5		37.3	22	11	Sunny	0.0	0.0	0.0
09 (Sat)	182.1		40.1	24	10	Sunny	0.0	0.0	0.0
10 (Sun)	188.0		41.4	26	13	Cloudy / P. Sunny	0.0	0.0	0.0
11 (Mon)	170.1		37.4	22	14	Cloudy / P. Sunny / Showers	0.4	0.0	0.4
12 (Tue)	158.1	<=Min	34.8	18	12	P. Cloudy / P. Sunny / Showers	0.5	0.0	0.5
13 (Wed)	183.6		40.4	21	11	Sunny / P. Cloudy	0.0	0.0	0.0
14 (Thu)	187.2		41.2	23	11	Sunny	0.0	0.0	0.0
15 (Fri)	167.5		36.9	25	11	Sunny	0.0	0.0	0.0
16 (Sat)	180.0		39.6	25	11	Sunny	0.0	0.0	0.0
17 (Sun)	185.5		40.8	22	11	Cloudy / P. Sunny / Showers	0.4	0.0	0.4
18 (Mon)									
19 (Tue)									
20 (Wed)									
21 (Thu)									
22 (Fri)									
23 (Sat)									
24 (Sun)									
25 (Mon)									
26 (Tue)									
27 (Wed)									
28 (Thu)									
29 (Fri)									
30 (Sat)									
TOTAL	3008.2 ML	661.82 MIG					1.3	0	1.3
MAX	190.2	41.85	27	14			0.5	0	0.5
AVG	177.0	38.93	22.4	11.6			0.1	0	0.1
MIN	158.1	34.79	18	10			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.

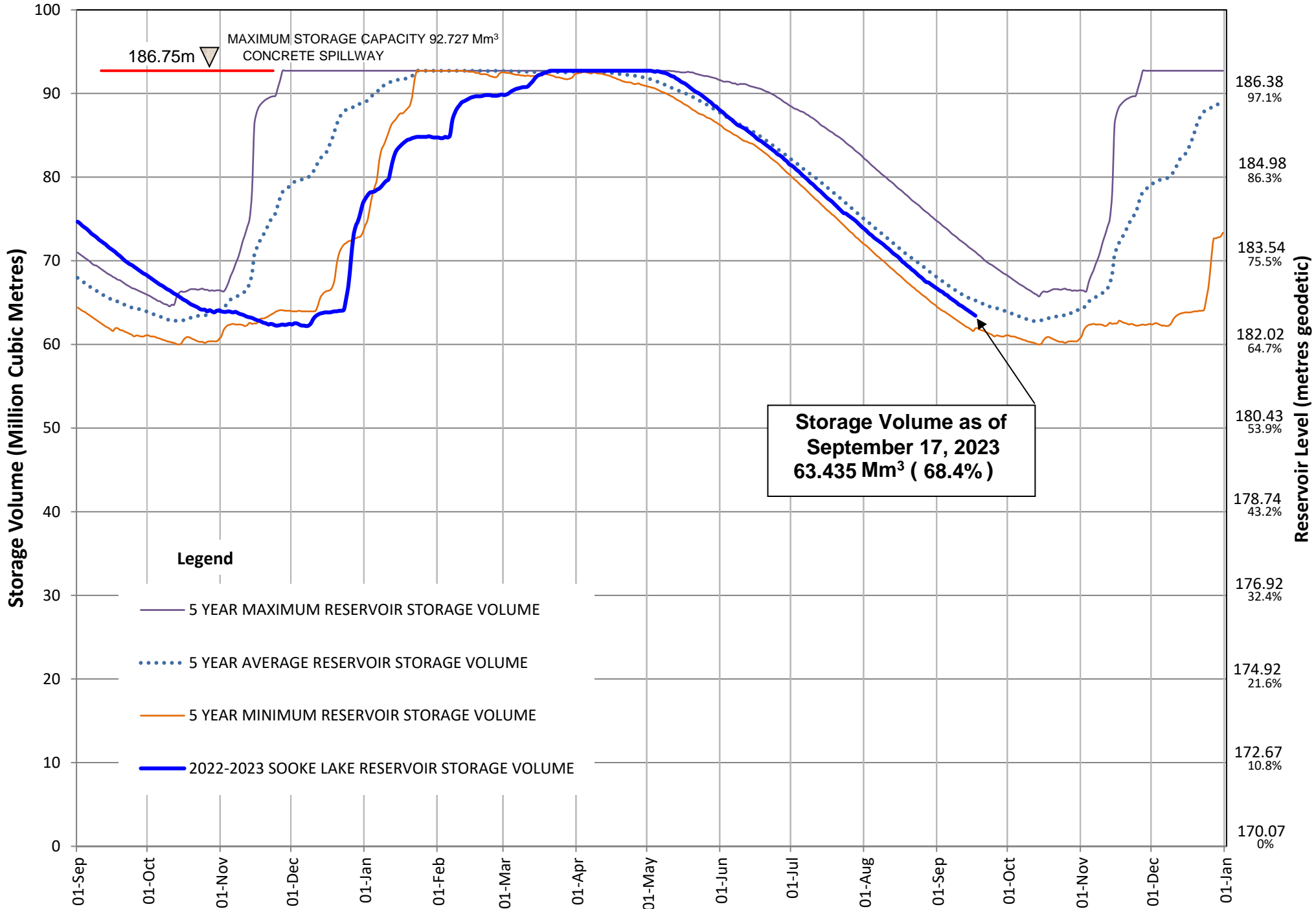
Average Rainfall for September (1914-2022)	66.5 mm
Actual Rainfall: September	1.3 mm
% of Average	2%
Average Rainfall (1914-2022): Sept 01 - Sep 17	27.8 mm
Actual Rainfall (2022/23): Sept 01 - Sep 17	1.3 mm
% of Average	5%

Number days with precip. 0.2 or more
3

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

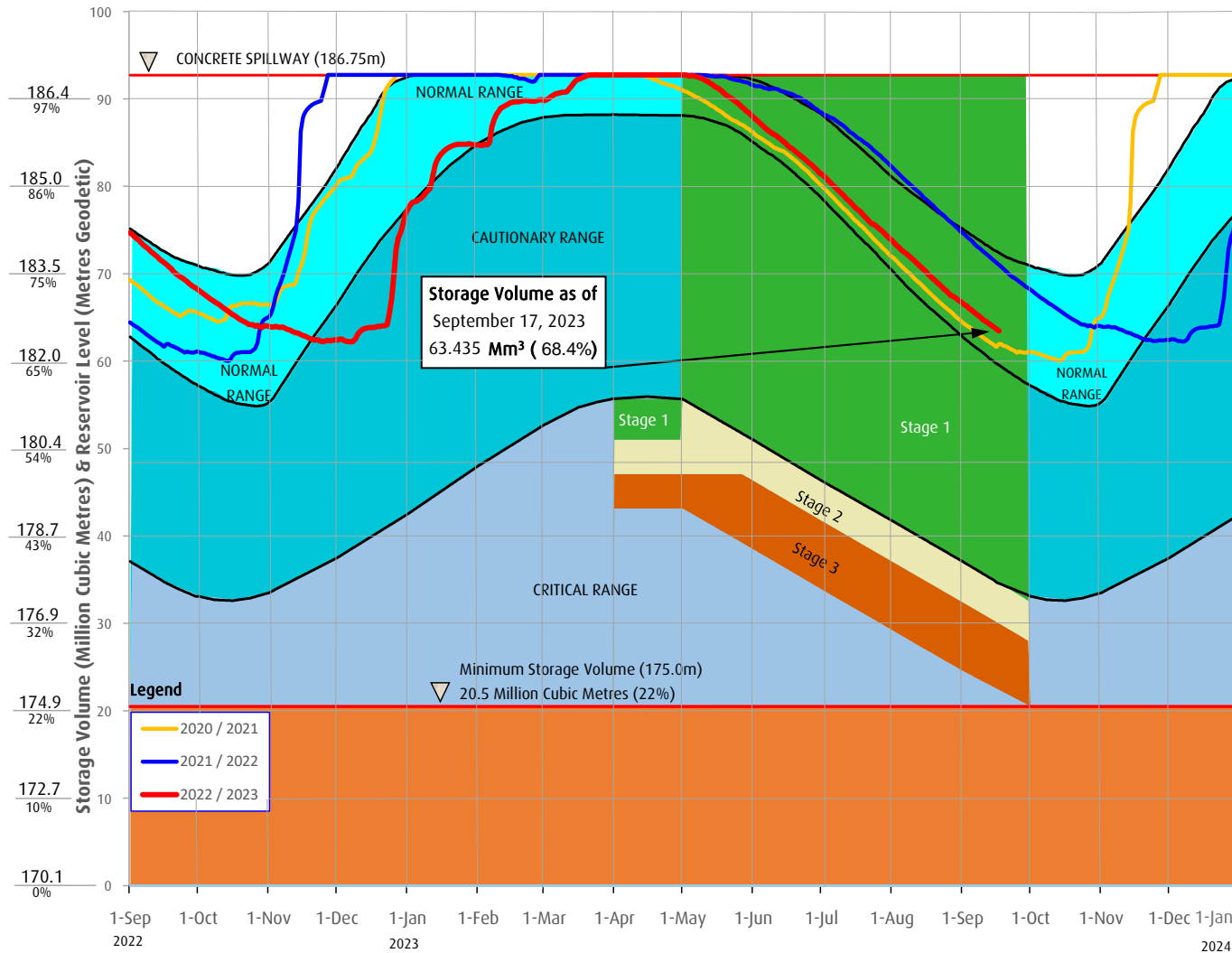
SOOKE LAKE RESERVOIR STORAGE SUMMARY 2022 / 2023

ITEM 7.2



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.

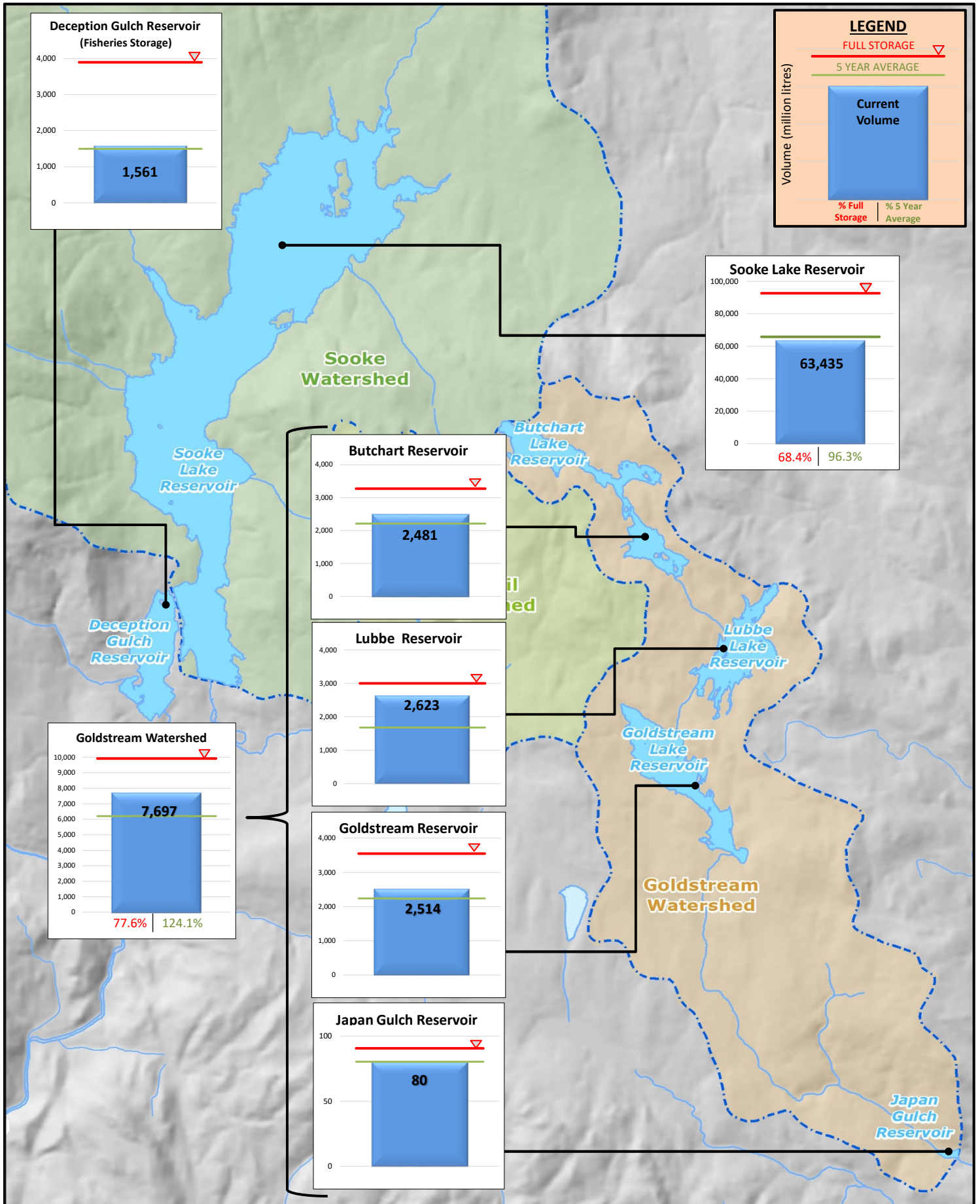
Stage 3 is initiated when it is determined that there is a severe water supply shortage. During this time, lawn watering is not permitted. Other outdoor water use activities are restricted as well.

For more information, visit www.crd.bc.ca/drinkingwater





Useable Reservoir Volumes in Storage for September 17, 2023



Notice of Motion Saanich Peninsula Water Commission
Thursday, September 28, 2023

SUBJECT Speaker Series

BACKGROUND

Whereas, there is a need for the commission to engage with citizens about water and wastewater trends, technologies and ideas, and

Whereas, the benefits of engaging with the community before tackling pressing issues will move the relationship with the public beyond a transactional exchange and toward increased trust, and

Whereas hearing from outside experts on topics of public interest will benefit staff, leaders and the community.

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.

SUBMITTED BY:

Commissioners:

- Zeb King
- Mike Doehnel
- David Kelbert