

**SUNSHINE COAST REGIONAL DISTRICT
WATER SUPPLY ADVISORY COMMITTEE**

August 11, 2020

RECOMMENDATIONS FROM THE WATER SUPPLY ADVISORY COMMITTEE MEETING
HELD VIA ZOOM.

PRESENT:

(Voting)	Members	D. Marteinson D. McCreath T. Beck M. Hennessy S. Thurber T. Adams
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ALSO PRESENT:

	Director, Area E Mayor, Town of Gibsons Councillor, District of Sechelt	D. McMahon B. Beamish T. Lamb
(Non-voting)	GM, Infrastructure Services GM, Corporate Services/Chief Financial Officer Water and Energy Projects Coordinator Infrastructure Services Assistant/Recorder	R. Rosenboom T. Perreault R. Shay S. Clayton
	Public	0
REGRETS:	WASAC Members	J. Bowen

Directors, staff, and other attendees present for the meeting participated by means of electronic or other communication facilities in accordance with Sunshine Coast Regional District Board Procedures Bylaw 717.

CALL TO ORDER 2:30 p.m.

AGENDA The agenda was adopted as presented.

MINUTES

PRESENTATIONS AND DELEGATIONS

The General Manager, Corporate Services / Chief Financial Officer provided a presentation on Financial Structures of Regional Districts and Capital Project Financing to WASAC.

Discussion included the following:

- Clarification provided on the definition of a new service versus a change in service and the difference in approval processes.
- Further information requested regarding the investment of the Sunshine Coast Regional District funds and growing capital funding reserves through investments.

- Confirmation provided that the SCRD is actively pursuing grants to fund capital projects and that there are staff designated to continuously look for funding options available.

BUSINESS ARISING FROM MINUTES AND UNFINISHED BUSINESS

REPORTS

Raphael Shay, Water and Energy Projects Coordinator provided a brief overview of each of the staff reports received for information.

Recommendation No. 1 *2018 Water Demand Analysis*

The Water Supply Advisory Committee recommends that the report titled 2018 Water Demand Analysis be received for information.

Discussion included the following:

- Clarification that the Chapman Creek Environmental Flow Need is 200 Litres per second due to legislation, and if there was a reduction in the Environmental Flow Need, it would impact available water supply and reduce the water supply deficit by approximately 5%.
- Confirmation that the current ground water wells are not affected by the Chapman Creek Watershed.

Recommendation No. 2 *Raw Water Reservoir (s) Feasibility Study Results*

The Water Supply Advisory Committee recommends that the report titled Raw Water Reservoir(s) Feasibility Study be received for information.

Recommendation No. 3 *Results of Raw Water Reservoir Feasibility Study Phase 3*

The Water Supply Advisory Committee recommends that the report titled Results of Raw Water Reservoir Feasibility Study Phase 3 be received for information.

Discussion included the following:

- Information provided regarding the following operations and structure of the Chapman Creek Watershed:
 - Location of the Weir and Intake on Chapman Creek.
 - That there are SCRD staff monitoring the Chapman Weir 24 hours a day to maximize the length of time we have water available in the lakes.
 - Location of the Water Treatment Plant.
- Inquiry about what ground materials are located at the potential Raw Water Reservoir site and the industrial partnerships that are being explored to utilize the excavated materials.
- Cost estimate of the Site B Raw Water Reservoir Construction:
 - That the cost estimates include a 20 percent contingency.
 - That the cost estimate includes incidental cost and not operational costs, such as royalties that would have to be paid for the development of Crown Land.
- Confirmation that water treatment costs would not increase when using water from the Raw Water Reservoir.

Recommendation No. 4 *Groundwater Investigation to Supplement Chapman Creek Water Supply*

The Water Supply Advisory Committee recommends that the report titled Groundwater Investigation to Supplement Chapman Creek Water Supply be received for information.

Recommendation No. 5 *Groundwater Investigation Phase 2 Results*

The Water Supply Advisory Committee recommends that the report titled Groundwater Investigation Phase 2 Results be received for information.

Discussion included the following:

- Committee confirmed that based on the pump test completed in 2018 the Dusty Road well could be one of the best producing wells out of the Groundwater Investigation Program, and decided that they would like to further explore whether Dusty Road well could be a possible water source at a future WASAC meeting.
- Committee decided they would like to discuss the drill log and geological assessment of Dusty Road Well at a future WASAC meeting.
- Clarified that the Church Road Well would reduce roughly 50% of the supply deficit in 2025.

Recommendation No. 6 *Groundwater Investigation Phase 3 – Church Road Results*

The Water Supply Advisory Committee recommends that the report titled Groundwater Investigation Phase 3 – Church Road Results be received for information.

Recommendation No. 7 *Overview Metering Program*

The Water Supply Advisory Committee recommends that the report titled Overview Metering Program be received for information.

Discussion included the following:

- Clarified that a water meter program for the entire sunshine coast is one of the requirements for being eligible to access grants for future capital water projects because the federal and provincial government sees metering as best management practice.
- Requested clarity on how the SCRD monitors their distribution infrastructure for leaks.

NEW BUSINESS

Election of the Water Supply Advisory Committee Chair and Vice Chair

- Shanti Thurber was elected Chair of the Water Supply Advisory Committee.
- Dougal McCreath was elected Vice Chair of the Water Supply Advisory Committee.

Future Meeting Topics

- Committee decided that revisiting the production of Mahan Road Well be a future WASAC agenda item.
- Committee decided that a committee visioning and strategy for being effective be discussed at a future meeting.

- Committee decided that more a frequent meeting schedule be established as a future WASAC agenda item.

NEXT MEETING Tuesday September 1, 2020

ADJOURNMENT 4:43 p.m.