



## Notice of Meeting and Meeting Agenda Beddis Water Service Commission

Wednesday, June 26, 2024

1:00 PM

SIMS Boardroom  
124 Rainbow Road  
Salt Spring Island BC

### Special Meeting

MS Teams Link: [Click here](#)

C. Cheeseman , G. Holman, M. McCormick , C. Smid,

The Capital Regional District strives to be a place where inclusion is paramount and all people are treated with dignity. We pledge to make our meetings a place where all feel welcome and respected.

1. Territorial Acknowledgement
2. Election of Chair
3. Approval of Agenda
4. Presentations/Delegations

*Delegations will have the option to participate electronically. Please complete the online application at [www.crd.bc.ca/address](http://www.crd.bc.ca/address) for "Addressing the Beddis Water Service Commission" no later than 4:30 pm two days before the meeting and staff will respond with details.*

*Alternatively, you may email your comments on an agenda item to the Beddis Water service Commission at [saltspring@crd.bc.ca](mailto:saltspring@crd.bc.ca).*

5. Special Meeting Matters

**5.1.**      [24-511](#)      Request Additional Funds to Complete the Beddis Water Intake Project

**Recommendation:** That the Beddis Water Service Commission recommends the Electoral Area Committee recommend the Capital Regional District Board amend the Beddis Water Service 2024-2028 Five Year Capital Plan by:

1. Including the Beddis Water Intake project 20-04 in the Capital Plan with \$183,450 carry forward funding from 2023 into 2024;
2. Increasing the Beddis Water Intake project budget by \$64,000 from \$238,725 to \$302,725 to be funded \$24,000 from Capital Reserve Fund and \$40,000 from Community Works Funds;
3. Deferring the Sky Valley Booster Pump and Second Reservoir Project Number 21-04 from 2024 to 2025.

**Attachments:**      [Staff Report: Request Additional Funds to Complete the Beddis Water Intake Pr](#)

**6. Adjournment****Next Meeting:**

TBA

*To ensure quorum, please advise MacKenzie Williamson (mwilliamson@crd.bc.ca) if you or your alternate cannot attend*



Making a difference...together

**REPORT TO BEDDIS WATER SERVICE COMMISSION  
MEETING OF WEDNESDAY, June 26, 2024**

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**SUBJECT**     **Request Additional Funds to Complete the Beddis Water Intake Project**

**ISSUE**

Additional funds are needed to complete the Beddis Water Intake Project construction.

**BACKGROUND**

The Beddis Intake Screen project was initiated in 2019 to address the following issues.

- To improve intake system performance to prevent fouling and potential fish impingement.
- To improve system capacity to meet peak flow demand and mitigate seasonal fluctuations.

The detailed design for the “onshore” and “offshore” portions is essentially complete. The only work remaining is to obtain regulatory approval for the work and the construction of the intakes and associated onshore piping. An amendment to the 2024 capital plan is required to include the project with actual carry forward from 2023 of \$183,450 and additional funding of \$64,000 representing the project to be completed in 2024.

Additional funding of \$64,000 is required to support CRD project management, consultants, and construction costs. Additional consultant efforts are required for regulatory approval applications and environmental monitoring during construction. Revised construction cost estimates are higher than initially budgeted.

The Salt Spring Island Electoral Area Director has approved \$40,000 of Community Works Funding (CWF). There are insufficient funds in the Beddis Water Service Capital Reserve Fund (CRF) to cover the remaining \$24,000 increased project costs.

However, there is potential to consider deferring the CRF funded Design of the Sky Valley Booster Pump and Second Reservoir at Sky Valley Lower Reservoir Project Number 21-04 to 2025 to accommodate the additional funding requirement in 2024 for the amendment of the Water Intake Project.

**ALTERNATIVES**

***Alternative 1***

That the Beddis Water Service Commission recommends the Electoral Area Committee recommend the Capital Regional District Board amend the Beddis Water Service 2024-2028 Five Year Capital Plan by:

1. Including the Beddis Water Intake project 20-04 in the Capital Plan with \$183,450 carry forward funding from 2023 into 2024;
2. Increasing the Beddis Water Intake project budget by \$64,000 from \$238,725 to \$302,725 to be funded \$24,000 from Capital Reserve Fund and \$40,000 from Community Works Funds;
3. Deferring the Sky Valley Booster Pump and Second Reservoir Project Number 21-04 from 2024 to 2025.

**Alternative 2**

That this report be referred back to staff for additional information.

**IMPLICATIONS**

*Service Delivery Implications*

If additional funding is not secured, based on the current cost estimates, there may not be sufficient funds to complete the construction of the water intake in 2024. Construction might not then occur until 2025.

*Financial Implications*

The table below quantifies the costs to date, costs to complete and the balance needed to be transferred.

<b>Beddis Water Intake and Screen</b>	
Total Approved Project Budget	\$238,725
Spending to Date	\$78,225
Remaining Budget	<b>\$160,500</b>
<b>Costs to Complete</b>	
Construction Cost	\$176,000
Permitting, Environmental Monitoring,	\$4,500
Consultant Additional Fees (incl 15% contingency)	\$19,000
CRD Project Management	\$25,000
<b>Total Costs to Complete</b>	<b>\$224,500</b>
<b>Additional Funding Required – Amendment</b>	<b>(\$64,000)</b>
<b>Additional Funding Sources</b>	
CRF	\$24,000
CWF	\$40,000

The Capital Reserve balance is estimated to be \$15,873 at the end of the year. Due to insufficient capital reserves, other planned 2024 capital projects must be deferred to later year, or the increased project budget must be funded entirely from other resources. It is recommended that reserve fund contributions be increased in future years to achieve the optimal reserve fund level and ensure long-term and sustainable service delivery management.

Staff are coordinating the construction of the Highland Fernwood water intake project with the Beddis water intake project to obtain economies of scale cost advantages by combining both projects for tender, construction, construction services and project management.

Requested by the Commission last year, staff are conducting a historical asset review of the Sky Valley Reserve project to confirm the booster pump and lower Sky Valley reservoir are required. The Sky Valley Booster Pump and second Reservoir at Sky Valley Lower Reservoir Project Number 21-04 can be deferred to 2025 and evaluated if it is still needed.

**CONCLUSION**

There are currently insufficient funds to complete the construction of the Beddis Intake project. The new intake and associated piping are required to ensure the continued efficient operation of

the water treatment facility. The project was initiated in 2019, and the scope and costs have increased since that time, resulting in this request for additional funding. With this additional funding in place, the project will be ready to execute construction within the environmental window for the protection of marine life.

**RECOMMENDATION**

That the Beddis Water Service Commission recommends the Electoral Area Committee recommend the Capital Regional District Board amend the Beddis Water Service 2024-2028 Five Year Capital Plan by:

1. Including the Beddis Water Intake project 20-04 in the Capital Plan with \$183,450 carry forward funding from 2023 into 2024;
2. Increasing the Beddis Water Intake project budget by \$64,000 from \$238,725 to \$302,725 to be funded \$24,000 from Capital Reserve Fund and \$40,000 from Community Works Funds;
3. Deferring the Sky Valley Booster Pump and Second Reservoir Project Number 21-04 from 2024 to 2025.

Submitted by:	Doug Weihing, Eng Tech, Salt Spring Electoral Area
Concurrence:	Karla Campbell, BPA, MBA, Senior Manager, Salt Spring Electoral Area
Concurrence:	Lia Xu, M. Sc., CPA, CGA, Manager, Manager Financial Services
Concurrence:	Ted Robbins, B. Sc., C. Tech., Chief Administrative Officer