

**REPORT TO HOSPITALS AND HOUSING COMMITTEE  
MEETING OF WEDNESDAY, OCTOBER 05, 2022**

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**SUBJECT**     **Summit Noise Concerns - Update**

**ISSUE SUMMARY**

Noise concerns from neighbourhood surrounding the Summit.

**BACKGROUND**

In August 2020, the Capital Regional District Board began receiving noise complaints for the Summit, located at 955 Hillside Avenue. The Summit is leased to Island Health for 25 years and has been tenanted since July 12, 2020.

Acoustical testing was completed by RWDI on September 17, 2020 and August 05, 2021. RWDI reported that noise levels are below that required by the City of Victoria noise bylaw.

At its October 13, 2021 meeting, the Capital Regional Hospital District (CRHD) Board directed staff to conduct further acoustical engineering work up to \$50,000, engage and consult with the surrounding community, and report back. On July 14, 2022 a team of acoustical engineers, CRHD staff, and Island Health met at the Summit and at two neighbourhood locations to conduct sound testing. This testing was designed in consultation with the community and they had designated community members in attendance. Acoustical engineers were able to turn on and off the individual roof top equipment and determined the unpleasant tone to be caused by the large chiller.

For the last several months CRHD has been working with consultants to determine the most efficient and effective solution and have received the acoustical testing report (Appendix A) and the consultant's report (Appendix B) regarding a remediation strategy. The acoustical testing report recommends either fully enclosing the large chiller or converting the acoustical louvers to a solid barrier wall. This report was shared with EH Price consultants which recommends the installation of an intake silencer bank on the south side of the large chiller and replacing the existing acoustical louver wall with a 13' high acoustical panel barrier as the most effective and cost efficient solution.

**ALTERNATIVES**

*Alternative 1*

The Hospitals and Housing Committee recommends to the Capital Regional Hospital District Board:

That the Chief Administrative Officer be authorized to implement the proposed remediation strategy, to include a maximum expenditure amount of \$200,000 for capital modifications to resolve noise concerns at the Summit.

*Alternative 2*

That the Summit Noise Concerns - Update report be referred back to staff for additional information based on Hospitals and Housing Committee direction.

## **IMPLICATIONS**

### *Financial Implications*

The CRHD Board had previously provided direction to undertake further testing and remediation within a budget of \$50,000, to be funded by the Administration and Feasibility Studies Reserve. To date we have spent \$11,300 and have a balance remaining of \$38,700. The equipment including the intake silencer bank and an acoustical barrier wall is estimated to cost \$92,000 not including labour and installation costs. Staff anticipate the recommended solution will cost \$200,000, including materials, installation and final engineering. These capital costs will be financed from the Summit Management Reserve, which is forecasted to have a balance of \$885,000 at December 31, 2022.

To accommodate the proposed solution, the 2022-2031 Ten Year Capital Plan, approved by the Board on March 16, 2022 and later amended on May 11, 2022, will need to be amended. The 2022 capital plan amendment to include a budget of \$200,000 for this project will be brought back to the Board for approval October 12, 2022.

## **CONCLUSION**

After consultation with industry consultants and extensive testing on site, additional resources are required to remediate the unpleasant tone emanating from the rooftop equipment on the Summit building.

## **RECOMMENDATION**

The Hospitals and Housing Committee recommends to the Capital Regional Hospital District Board:

That the Chief Administrative Officer be authorized to implement the proposed remediation strategy, to include a maximum expenditure amount of \$200,000 for capital modifications to resolve noise concerns at the Summit.

Submitted by:	Michael Barnes, MPP, Senior Manager, Health and Capital Planning Strategies
Concurrence:	Kevin Lorette, P. Eng., MBA, General Manager, Planning & Protective Services
Concurrence:	Nelson Chan, MBA, FCPA, FCMA, Chief Financial Officer
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## **ATTACHMENTS**

Appendix A: Acoustical Testing Report  
Appendix B: Consultant Report