



**REPORT TO REGIONAL WATER SUPPLY COMMISSION
MEETING OF WEDNESDAY, JUNE 15, 2022**

SUBJECT **Grant Application for Regional Water Supply Main No.4 – Mt. Newton to Highway 17 Section Replacement**

ISSUE SUMMARY

Regional Water Supply Commission (RWS) and Capital Regional District (CRD) Board support is required to submit a grant application for the “Canada Community-Building Fund in British Columbia, Strategic Priorities Fund Capital Infrastructure Stream and Capacity Building Stream”. The grant application will support the replacement of the Regional Water Supply Main No. 4 from Mt. Newton to Highway 17.

BACKGROUND

The Regional Water Supply Main No. 4 (No. 4) services municipalities from the West Shore through to the Saanich Peninsula. There are numerous sections of No. 4 that are made of concrete pipe and susceptible to failure during a seismic event.

The particular section that has been identified consists of 1,950 metres of 760 millimeter (mm) diameter concrete pipe that is to be replaced with the same length of 900 mm diameter steel pipe which will preserve seismic resilience. The location of this section (Appendix A) runs from Mt. Newton Cross Road to Highway 17.

Some specifics of the proposed replacement are:

- The section identified for replacement has been chosen based on risk and prioritized consequence of failure.
- The section has also been identified in a current grant application under the Disaster Mitigation and Adaptation Fund and if successful would be removed from that application.
- The replacement would include a resilient water connection to Tsawout First Nation.

Alternative 1

The Regional Water Supply Commission recommends to the Capital Regional District Board: That staff be directed to prepare and submit an application for a *Canada Community-Building Fund in British Columbia, Strategic Priorities Fund Capital Infrastructure Stream and Capacity Building Stream* grant for the replacement of the Regional Water Supply Main No. 4 from Mt. Newton to Highway 17.

Alternative 2

The Regional Water Supply Commission directs staff not to proceed with a grant application to the *Canada Community-Building Fund in British Columbia, Strategic Priorities Fund Capital Infrastructure Stream and Capacity Building Stream* grant program.

IMPLICATIONS

Intergovernmental Implications

No. 4 services approximately 30,000 people providing water directly to the municipalities of Central Saanich, North Saanich and Sidney through the Saanich Peninsula Water Supply System and indirectly to the Pauquachin and Tseycum First Nations through the North Saanich water system and the Tsartlip and Tsawout First Nations through the Central Saanich water system.

Financial Implications

The estimated budget is \$8.8 million dollars of which \$6 million would be in the form of a grant and the remainder from the Regional Water Supply capital program. This section of pipe has been identified for replacement in the 2022 Regional Water Supply 5 Year Capital plan. The funding stream being applied for falls under the Canada Community-Building Fund in British Columbia, Strategic Priorities Fund Capital Infrastructure Stream and Capacity Building Stream is the Capital Infrastructure Stream of the program.

CONCLUSION

Regional Water Supply Commission (RWS) and CRD Board support is required to submit a grant application for the “Canada Community-Building Fund in British Columbia, Strategic Priorities Fund Capital Infrastructure Stream and Capacity Building Stream”. The grant application will support the replacement of Regional Water Supply Main No. 4 from Mt. Newton Cross Rd. to Highway 17.

The project consists of the replacement of 1,950 metres of 760 millimeter (mm) diameter concrete pipe with the same length of 900 mm diameter steel pipe to increase seismic resilience. Budget is estimated at \$8.8 million with \$6 million being funded by the grant and the balance funded from the Regional Water Supply capital program.

RECOMMENDATION

The Regional Water Supply Commission recommends to the Capital Regional District Board: That staff be directed to prepare and submit an application for a *Canada Community-Building Fund in British Columbia, Strategic Priorities Fund Capital Infrastructure Stream and Capacity Building Stream* grant for the replacement of the Regional Water Supply Main No. 4 from Mt. Newton to Highway 17.

Submitted by:	Ian Jesney, PEng., Senior Manager, Infrastructure Engineering
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Concurrence:	Robert Lapham, MCIP, RPP, Chief Administrative Officer

ATTACHMENT

Appendix A: Location Map