



**REPORT TO REGIONAL WATER SUPPLY COMMISSION
MEETING OF WEDNESDAY, JULY 19, 2023**

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

ISSUE SUMMARY

To inform the Regional Water Supply Commission (RWS) of the *Disaster Mitigation and Adaptation Fund* (DMAF) grant opportunity and to seek approval for Capital Regional District (CRD) staff to enter into an agreement to receive grant funds if successful.

BACKGROUND

There is an opportunity for the CRD to resubmit a grant application under Canada’s Disaster Mitigation and Adaptation Fund (DMAF) program. The application includes a complete seismic resiliency upgrade to the Regional Water Transmission Main No. 4 and portions of the Saanich Peninsula Water Supply System. The scope of the project includes replacing vulnerable sections of reinforced concrete cylinder and asbestos cement pipe, constructing supply system interconnections to provide redundancy, and constructing direct bulk water connections to two First Nations Reserves. The scope was reduced slightly from previous applications as CRD was recently successful in obtaining a \$6 million grant under the *2022 Strategic Priorities Fund Intake – Canada Community-Building Fund Program* to upgrade a section of Regional Water Transmission Main No. 4 from Mt. Newton Cross Road to Highway 17. Please refer to Appendix A and the table below outlining the current scope of the eligible grant projects.

Phase	Project Type	Location	Year Constructed	Pipe Material / Size (diameter)	Length (m)
1A	Replace	SPW - McTavish Reservoir to Mills Rd.	1980	AC / 500mm dia.	3,500
1B	Replace	SPW – Mills Rd.	1980	AC / 450mm dia.	2,000
1C	Proposed	SPW – Pauquachin First Nation & Tseycum Meters	N/A	Ductile Iron / 300mm dia.	2,000
2	Replace	RWS – Main No.4 Goldstream Ave.	1972	Concrete / 1,372mm dia.	1,900
3A	Replace	RWS – Main No.4 Elk Lake to McTavish	1978	Concrete / 610 – 762mm dia.	7,000
3B	Proposed	SPW – East Saanich Rd. – Mt. Newton to Dean Park Lower Reservoir	N/A	Ductile Iron / 600mm dia.	3,000
				Total	19,400

The total project budget is estimated at \$150 million and is to be cost-shared with the Regional Water Supply Service contributing \$60 million and the Saanich Peninsula Water Service contributing \$26.5 million. The grant could contribute the remaining \$63.5 million.

ALTERNATIVES

Alternative 1

That the Regional Water Supply 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 projects.

Alternative 2

That the Regional Water Supply Commission recommends to the Capital Regional District Board: That staff be instructed not to proceed with a grant application to the *Disaster Mitigation and Adaptation Fund* for the proposed projects.

IMPLICATIONS

Financial Implications

By instructing CRD staff to apply for the *Disaster Mitigation and Adaptation Fund* grant, and if successful, enter into an agreement, up to \$63.5 million in grant funding could become available to the CRD to upgrade infrastructure and would accelerate the proposed upgrade timelines.

CONCLUSION

There is an opportunity for the Capital Regional District (CRD) to receive up to \$63.5 million in grant funding under the *Disaster Mitigation and Adaptation Fund* grant. To be able to potentially access this grant CRD staff need 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. The CRD has previously applied for this grant but was unsuccessful in its previous attempts.

RECOMMENDATION

That the Regional Water Supply 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 projects.

Submitted by:	Joseph Marr, P.Eng., Acting Senior Manager, Infrastructure Engineering
Concurrence:	Ian Jesney, P. Eng., Acting General Manager, Integrated Water Services
Concurrence:	Nelson Chan, MBA, FCPA, FCMA, Chief Financial Officer
Concurrence:	Steven Carey, B.Sc., J.D., Acting General Manager, Corporate Services
Concurrence:	Ted Robbins, B. Sc., C. Tech., Chief Administrative Officer

ATTACHMENT(S)

Appendix A: 2023 Disaster and Mitigation Grant Eligible Projects Map

Disaster Mitigation and Adaptation Fund



Making a difference...together



UTM Zone 10N NAD 1983



DISCLAIMER

This map is for general information only and may contain inaccuracies.
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- Existing Supply Main
- Replace
SPW Water Main – West Saanich Road:
McTavish Reservoir to Mills Road
Phase 1A
AC \varnothing 500mm 1980 ~3,500m
- Replace
SPW Water Main – Mills Road
Phase 1B
AC \varnothing 450mm 1980 ~2,000m
- Proposed
Pauquachin First Nation Water Main
Pauquachin & Tseycum Meters/Connections
Phase 1C
Proposed Main ~2,000m
- Replace
RWS Supply Main No. 4 – Goldstream Ave
Phase 2
Concrete \varnothing 1,372mm 1972 ~1,900m
- Replace
RWS Supply Main No. 4 – Elk Lake to
McTavish (only replacing concrete sections)
Phase 3A
Concrete \varnothing 610-762mm ~1978 ~7,000m
- Proposed
SPW Water Main – East Saanich Road:
Mt. Newton to Dean Park Lower Reservoir
Phase 3B
Proposed Main ~3,000m

