



**REPORT TO SAANICH PENINSULA WATER COMMISSION  
MEETING OF THURSDAY, JULY 20, 2023**

**SUBJECT**     **Saanich Peninsula Water - Disaster Mitigation and Adaptation Fund Grant Application**

**ISSUE SUMMARY**

To inform the Saanich Peninsula Water Commission (SPWC) of the *Disaster Mitigation and Adaptation Fund* (DMAF) grant opportunity and receive 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 has been 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.

<b>Phase</b>	<b>Project Type</b>	<b>Location</b>	<b>Year Constructed</b>	<b>Pipe Material / Size (diameter)</b>	<b>Length (m)</b>
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
				<b>Total</b>	<b>19,400</b>

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 Saanich Peninsula Water 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 Saanich Peninsula Water 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* 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 Saanich Peninsula Water 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.  
 July 2023 | DisasterMitigationandAdaptationFund2023.mxd | helpdesk@crd.bc.ca

- Existing Supply Main
- Replace  
— SPW Water Main – West Saanich Road:  
 Phase 1A McTavish Reservoir to Mills Road  
 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  
 Phase 1C Pauquachin & Tseycum Meters/Connections  
 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  
 Phase 3A McTavish (only replacing concrete sections)  
 Concrete  $\varnothing$ 610-762mm ~1978 ~7,000m
- Proposed  
— SPW Water Main – East Saanich Road:  
 Phase 3B Mt. Newton to Dean Park Lower Reservoir  
 Proposed Main ~3,000m

