

AGENDA ITEM NO: 7.4

MEETING DATE: March 19, 2024

STAFF REPORT – COVER SHEET

SUBJECT: Community Emergency Preparedness Fund 2023/24 Grant Priority DATE: February 28, 2024

DEPARTMENT: Engineering PREPARED BY: Kara Jefford

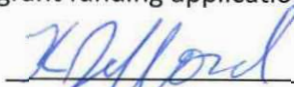
1. SUMMARY OF ISSUE:

The Union of British Columbia Municipalities (UBCM) recently announced an intake for Disaster Risk Reduction – Climate Adaptation funding delivered through the Community Emergency Preparedness Fund (CEPF). Funding of up to \$150,000 is available for studies and preliminary design work. The Chilliwack Creek (Wolfe Road) Pump Station requires upgrades for climate and seismic resilience. Completion of phase 2 preliminary design work and cost estimating is needed to support future grant funding and procurement of the infrastructure upgrades.

To supplement a grant funding application, a Council resolution is required indicating support for the proposed project and willingness to provide overall grant management.

2. RECOMMENDATION:

Recommendation that Council approve the application for the “Chilliwack Creek (Wolfe Road) Pump Station Upgrades Preliminary Design - Phase 2” under the 2023/24 UBCM Community Emergency Preparedness Fund and direct staff to submit the grant funding application.


Kara Jefford, Director of Engineering

3. FINANCE COMMENTS:

If successful, the grant will cover 100% of the project costs, up to \$150,000.


Glen Savard, Director of Finance

4. CHIEF ADMINISTRATIVE OFFICER'S RECOMMENDATION/COMMENTS:

Supports recommendation.


David Blain, CAO

STAFF REPORT ON

COMMUNITY EMERGENCY PREPAREDNESS FUND 2023/24 GRANT PRIORITY

PREPARED BY:	<u>Frank Van Nynatten</u>	DATE:	<u>February 28, 2024</u>
POSITION:	<u>Assistant Manager of Environmental Services</u>	DEPARTMENT:	<u>Engineering</u>

1. DEFINITION OF ISSUE:

The Union of British Columbia Municipalities (UBCM) recently announced an intake for Disaster Risk Reduction – Climate Adaptation funding delivered through the Community Emergency Preparedness Fund (CEPF). Funding of up to \$150,000 is available for studies and preliminary design work. The Chilliwack Creek (Wolfe Road) Pump Station requires upgrades for climate and seismic resilience. Completion of phase 2 preliminary design work and cost estimating is needed to support future grant funding and procurement of the infrastructure upgrades.

To supplement a grant funding application, a Council resolution is required indicating support for the proposed project and willingness to provide overall grant management.

2. BACKGROUND:

2.1 The Community Emergency Preparedness Fund (CEPF) provides provincial funding to local governments and First Nations to enhance resilience in responding to emergencies. The funding is administered by the Union of British Columbia Municipalities (UBCM). There are several funding streams under the program, and recently UBCM announced an intake for the Disaster Risk Reduction – Climate Adaptation stream.

2.2 The Disaster Risk Reduction – Climate Adaption funding program has three categories:

- Category 1 (Foundational Activities): 100% funding up to \$150,000
- Category 2 (Non-Structural Activities): 100% funding up to \$150,000
- Category 3 (Small Scale Structural Activities): 100% funding up to \$2 million

2.3 Of the City's three major drainage pump stations, two have undergone recent upgrades to increase capacity: McGillivray Pump Station and Collinson Pump Station. The Chilliwack Creek (Wolfe Road) Pump Station is the City's largest drainage pump station and is a critical piece of flood protection infrastructure for the community. Although it has undergone regular maintenance, it would benefit from upgrades to improve climate and seismic resilience. Many of the local salmon-bearing watercourses flow through this pump station, so the upgrades review would also identify opportunities to enhance fish passage.

- 2.4 Engineering consultants with Urban Systems Ltd. have extensive drainage pump station design experience and were retained to prepare the work plan and cost estimate for the initial preliminary design project funding application. The City was successful in obtaining UBCM funding in 2022 in the amount of \$150,000 for the Phase 1 preliminary design work.
- 2.5 Urban Systems Ltd. are in the process of completing Phase 1 of the engineering preliminary design work and have been requested to prepare the scope of work and cost estimate for phase 2 work to support this recent funding application. The submission deadline for the UBCM funding application is March 28, 2024.
- 2.6 There are provincial and federal infrastructure grant programs to support construction of the pump station upgrades. Completion of the preliminary design work will position the City well to take advantage of these funding opportunities that typically require shovel-ready projects.
- 2.7 Council endorsement of the Chilliwack Creek (Wolfe Road) Pump Station Preliminary Design – Phase 2 project is required to satisfy the funding program application process.

3. RECOMMENDATION & SUBSTANTIATION:

Recommendation:

Recommendation that Council approve the application for the “Chilliwack Creek (Wolfe Road) Pump Station Upgrades Preliminary Design - Phase 2” under the 2023/24 UBCM Community Emergency Preparedness Fund and direct staff to submit the grant funding application.

Substantiation:

Preparation of the phase 2 preliminary design for upgrades to the Chilliwack Creek (Wolfe Road) Pump Station is the second stage in the process of making this critical piece of flood protection infrastructure more resilient to climate change and earthquakes.