



## COUNCIL REPORT

To: Paul Gipps, CAO

Date: March 9, 2021

From: Jason Luciw, Communications and Engagement  
Supervisor

Subject: **Community Emergency Preparedness Fund – Flood Mitigation Planning**

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### RECOMMENDATION

**THAT** Council support the application to the Community Emergency Preparedness Fund, Flood Risk Assessment, Mapping and Mitigation Planning Stream, seeking the maximum \$150,000 toward creating a Flood Risk Assessment and Mitigation Plan;

**THAT** Council amend the 2021 to 2025 Financial Plan, as may be required; and,

**THAT** Council authorize the Mayor and/or Chief Administrative Officer to execute the contribution agreement.

### STRATEGIC AREA(S) OF FOCUS

Strengthen our Community; Foster Safety and Well Being

### BACKGROUND

The provincial Community Emergency Preparedness Fund (CEFP) offers a suite of funding to aid local and Indigenous governments in enhancing community resiliency.

The City applied under the Flood Risk Assessment, Mapping and Mitigation Stream Feb. 26, requesting \$150,000 for a Flood Risk Assessment and Mitigation Plan.

### DISCUSSION

Flooding in 2017 and 2018 damaged various infrastructure along Okanagan Lake and McDougall, Powers and Smith Creeks. The Province of BC and the City have completed most repairs with Disaster Financial Assistance funding and municipal reserves. The City also completed various mitigation work including slope stabilization, dredging and additional protective measures.

Past flood damage and the increasing impacts of climate change reinforce the City's need to remain vigilant and proactive in assessing flood risks and creating a mitigation plan. The plan will focus primarily on Powers, McDougall and Smith Creeks, which flow through dense urban areas, within close proximity to essential public infrastructure such as bridges, highways/roads, transmission lines and water and wastewater systems.

The City is seeking funds for eligible CEPF activities such as hydrological analysis, mapping, climate change impact forecasts, infrastructure risk assessments, stakeholder engagement, and recommended short-, medium- and long-term mitigation work.

The City has applied twice under CEPF. Program staff indicated that West Kelowna's applications had merit, but the CEPF was oversubscribed. They further recommended that staff reapply.

## **FINANCIAL IMPLICATIONS**

A Flood Risk Assessment and Mitigation Plan is item C2021-28 in the Draft 2021 to 2030 Capital Plan, with \$144,000 attributed to grant funding and \$36,000 from capital reserves. The City is seeking a grant of \$150,000 toward a recently acquired cost estimate of \$210,000. The capital plan should be updated to reflect these totals.

## **COUNCIL REPORT / RESOLUTION HISTORY**

<b>Date</b>	<b>Report Topic / Resolution</b>	<b>Resolution No.</b>
Jan. 28/20	THAT Council support the application to the Community Emergency Preparedness Fund seeking 100% funding, up to a maximum of \$150,000, to complete a Flood Mitigation Plan.	<b>C030/20</b>
Jan/22/19	THAT Council direct staff to apply to the Community Emergency Preparedness Fund seeking 100% funding, up to a maximum of \$150,000, to complete a Flood Mitigation Plan.	<b>C090/19</b>

## **CONCLUSION**

Emergency preparedness and climate action initiatives, including mitigation and adaption efforts and inter-governmental partnerships involving federal and provincial agencies are objectives in Council's 2021 to 2022 Strategic Priorities Update. Flood risk assessments and structural mitigation are civic public works best practices, important aspects of community resiliency and core components of the City's asset management.

## **REVIEWED BY**

Warren Everton, Director of Finance/CFO

Allen Fillion, Director of Engineering & PW

Shelley Schnitzler, Legislative Services Manager/Corporate Officer

## **APPROVED FOR THE AGENDA BY**

Paul Gipps, CAO

PowerPoint: Yes ☐ No ☒