

Trish Morgan, General Manager of Community Services  
Peace River Regional District  
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Dawson Creek, BC V1G 4H8

July 4, 2022  
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[Sent via Email]  
[trish.morgan@prrd.bc.ca](mailto:trish.morgan@prrd.bc.ca)

RE: Request for Letter of Support: Disaster Mitigation and Adaptation Fund Application - Bouffieux Coulee Remediation

Dear Trish:

Thank you for your participation in the Bouffieux Coulee Remediation Workshop hosted by the City of Fort St. John (the City) on April 13 and 14, 2022. We appreciate the insight and advice that your organization was able to provide. You can find the workshop meeting notes attached for your review.

Following the workshop, the City used the project values that were developed together as part of the workshop to evaluate the list of possible solutions. Following the evaluation, the selected high-ranking solutions were combined to create a comprehensive strategy to reduce the current erosion, landslide, and geohazard risks associated with the Bouffieux Coulee.

The strategy is a combination of proposed projects that work together to mitigate the present and forecasted risks. They include:

- Reducing the volume of stormwater entering the Bouffieux Coulee by:
  - Capturing runoff from North and South Anneofield and discharging it to its original drainage channel east of the Bouffieux Coulee
  - Utilizing an existing sanitary sewer discharge line to drain stormwater to the lower reaches of the Bouffieux Coulee
  - Sealing an existing snow dump discharge outlet to the Bouffieux Coulee
- Adding stormwater ponds upstream of the Bouffieux Coulee to attenuate peak flow discharge rates and reduce stormwater volumes through evapotranspiration, and utilizing existing sewage treatment lagoons for temporary stormwater storage
- Adding stormwater monitoring stations at select locations and a stream gauge in the Bouffieux Coulee

- Armouring the first 350 linear metres of the Bouffieux Coulee from the Alaska Highway towards the City's Lift Station to protect against future erosion
- Removing soil pressure near the City's South Sewage Lift Station by regrading and removing excess soils
- Filling gullies near the Lift Station Landslide and Fire Training Ground Outfall Landslide
- Constructing a maintenance road to the Bouffieux Coulee to accommodate regrading of existing landslides and allow for future maintenance
- Reclamation of select areas adjacent to the motocross tracks better managing stormwater discharge locations, and
- Studying debris floods near the Old Fort community and, dependant on the study, the construction of a larger berm to protect homes from debris floods.

With a defined scope as summarized above, the City intends to present this project as an application to the Government of Canada's Disaster Mitigation and Adaptation Fund (DMAF). The DMAF as a well-aligned opportunity to receive up to 40% federal funding to support solutions to address the Bouffieux Coulee.

The DMAF is a national, competitive, and merit-based program intended to support public infrastructure projects designed to mitigate current and future climate-related risks and disasters triggered by climate change. To be considered eligible, projects must be aimed at reducing the socio-economic, environmental and cultural impacts triggered by natural hazards and extreme weather events, taking into consideration current and potential future impacts of climate change in communities and infrastructure at high risk.

Although the City is taking a leadership role to pursue this grant opportunity, the Bouffieux Coulee is a shared natural asset with numerous interests. The City would greatly appreciate your assistance with the DMAF application process, in the form of a letter of support from your organization.

Please indicate if your organization is willing to provide a letter of support for this important natural drainage asset, and if so, please submit the letter no later than July 20, 2022 to [c Carlstrom@urbansystems.ca](mailto:c Carlstrom@urbansystems.ca) – a template is attached, if required.

If you have any questions about the project or DMAF application, please contact Chad Carlstrom at 250-785-9697. We look forward to receiving your response.

Sincerely,

Jeremy Garner, Director of Public Works & Utilities  
City of Fort St John

cc: Ryan Harvey, City of Fort St. John  
Jasmine Patrick, Urban Systems  
Chad Carlstrom, Urban Systems  
Shawn Dahlen, Chief Administrative Officer, Peace River Regional District