



## Report to Council COMMITTEE OF THE WHOLE

**Date:** March 11, 2025  
**To:** Mayor and Council  
**From:** Phil Strain, Projects Manager  
**Subject:** **Dominion Creek - Water Weir**

---

### RECOMMENDATION:

*THAT Council receive the report entitled Dominion Creek – Water Weir for discussion.*

### INFORMATION:

Attached is a plan showing a concept to replace the existing weir with a new weir that is 1 meter higher than the existing weir.

This project will address 3 issues now affecting the Village's water supply:

- The existing weir is at the end of its life cycle and has begun to show signs of failure;
- The extra height will create a natural increase in water storage of approximately 885 cubic meters; and
- The increased depth of water above the intake will prevent future risk of freezing of the intake pipe.

This project has an estimated cost of \$250,000 to \$300,000, which will be determined by detailed design drawings and tender documents.

The design proposed has preliminary approval of the Ministry of Water, Land, and Resource Stewardship.

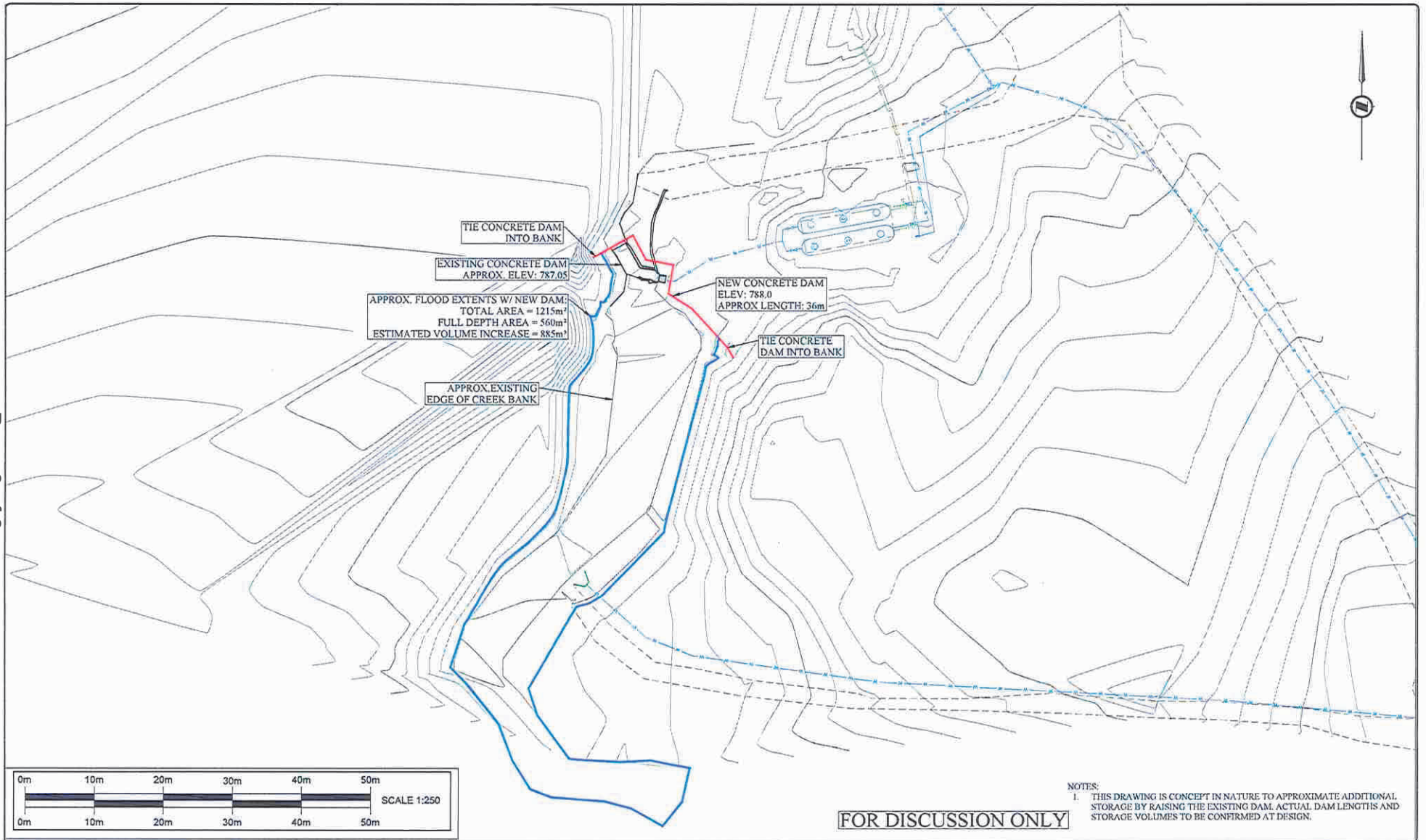
This project is eligible for funding through the Growing Communities Reserve Fund Bylaw No. 814, 2023 (the amount of \$780,000 was received by the Village in March 2023).

#### *Attachment:*

- *Dominion Creek – Water Weir Drawing*

Respectfully,

Philip Strain, Special Project Manager



NOTES:  
 1. THIS DRAWING IS CONCEPT IN NATURE TO APPROXIMATE ADDITIONAL STORAGE BY RAISING THE EXISTING DAM. ACTUAL DAM LENGTHS AND STORAGE VOLUMES TO BE CONFIRMED AT DESIGN.

**FOR DISCUSSION ONLY**

R. Radloff & Associates Inc.	STAMP	<table border="1"> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>																	<table border="1"> <tr><td>DESIGNED BY</td><td>DATE</td></tr> <tr><td>DRAWN BY</td><td>DATE</td></tr> <tr><td>CHECKED BY</td><td>DATE</td></tr> <tr><td>APPROVED BY</td><td>DATE</td></tr> </table>	DESIGNED BY	DATE	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE	<table border="1"> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>																	CLIENT VILLAGE OF MCBRIDE	SCALE HORIZ: 1:250 SCALE VERT: SHEET C1 OF C1 END PROJECT NUMBER 403-GEN	PROJECT WATER INTAKE POND SHEET TITLE NEW DAM 1m HIGHER																											
DESIGNED BY	DATE																																																																									
DRAWN BY	DATE																																																																									
CHECKED BY	DATE																																																																									
APPROVED BY	DATE																																																																									
<table border="1"> <tr><td>NO.</td><td>SYMMETRY</td><td>BY</td><td>REVISIONS</td><td>ENCL.</td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>	NO.	SYMMETRY	BY	REVISIONS	ENCL.																<table border="1"> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>																	<table border="1"> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>																	<table border="1"> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>																	VILLAGE OF MCBRIDE	SCALE HORIZ: 1:250 SCALE VERT: SHEET C1 OF C1 END PROJECT NUMBER 403-GEN	PROJECT WATER INTAKE POND SHEET TITLE NEW DAM 1m HIGHER
NO.	SYMMETRY	BY	REVISIONS	ENCL.																																																																						