

B. M. ROSS AND ASSOCIATES LIMITED

Engineers and Planners

Box 1179, 206 Industrial Drive

Mount Forest, ON, Canada N0G 2L0

p. (519) 323-2945 www.bmross.net

VIA EMAIL ONLY

File No. 99060A

March 3, 2022

Dave Milliner, CAO
Township of Southgate
185667 Grey Cty. Rd. 9, R. R. 1
Dundalk, ON N0C 1B0

Dear Sir:

Re: Flood Resilience of Holstein Dam

At your request, we wish to propose the development of a report on methods to improve the resilience of the dam and floodway in Holstein. BMROSS had previously completed some analysis of the hydrology and hydraulics that apply to the dam, but this information is almost twenty years old now. Site conditions may have changed and regulations have changed.

We propose a program of work by BMROSS staff that would include the following:

- Research and review the past analyses and reports,
- Visit the site to confirm and photograph current conditions,
- Consider practical options to improve flows and resilience of the dam,
- Prepare opinions on the probable costs of these practical options,
- Prepare a report for staff and council that summarizes this information, including the probable costs of various options.


The probable cost for the work outlined above is \$4,500 + HST. The work does not include any site survey, design calculations or drawings. No further hydraulic analysis is included at this stage. However, the report may recommend some of these services if the Township wishes to proceed with implementation of any of the options.

Please do not hesitate to contact us if you have any questions.

Yours very truly

B. M. ROSS AND ASSOCIATES LIMITED

Per


Frank Vanderloo, P. Eng.

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