

January 13, 2023

The City of Kawartha Lakes
26 Francis Street
Lindsay, ON
K9V 5R8

Re: Grant Drain – E. Kressibucher & S. Jibb Subsequent Connection Section 65 Report

As requested, M. Gerrits Consulting Inc. completed a review of E. Kressibucher & S. Jibb request to direct an additional 15.4 Ha of subsurface drainage to the Grant Drain watershed. The requesting landowners' land (Area Roll Number 16511600200040000000) will outlet directly onto the lands with the Area Roll Number 16511600200010000000 (Part of the West 1/2 Lot 1, Concession 6).

It is the understanding of M. Gerrits Consulting Inc. that the downstream landowner will accept the flows from the of E. Kressibucher & S. Jibb lands. Prior to accepting this report, written confirmation from the downstream landowner verifying their land is willing to accept water from the requesting landowners' land.

The Grant Drain watershed is approximately 809 Ha in area of E. Kressibucher & S. Jibb have requested to direct 15.4 Ha of subsurface water to the Grant Drain. The equivalent area of land for the purpose of this report is 7.7 Ha, which reflects a half rate of land to account for subsurface flows only.

As part of the review, M. Gerrits Consulting Inc. completed a site investigation to review the Grant Drain and tile outlet elevations etc. In the opinion of M. Gerrits Consulting Inc., the drain appears to have the required capacity to accept additional subsurface flows. The water levels at the mid point of the drain and at the drain's outlet (south of The Glen Road), will increase by 0.01m and in the opinion of M. Gerrits Consulting Inc. are considered negligible.

In accordance with Section 65 (3) of the Drainage Act, The City of Kawartha Lakes requires the Schedule of Assessment for future maintenance of the Grant Drain be adjusted to reflect the subsequent connection of 15.4 Ha of subsurface flows from Part of the West 1/2 of Lot 2, Concession 6, in the City of Kawartha Lakes, formerly the Township of Eldon (Area Roll Number 16511600200040000000). The apportioned assessment must be based on the original Engineer's Report prepared by John Kuntze and Ken Smart of K. Smart Associated Ltd. dated December 19, 1980.

The following assessment shall be added to the Schedule of Assessment for maintenance.

Conc.	Lot or pt. Lot	Roll No.	Aff.Ha	Owner	Connection Costs Outlet Assessment
6	Pt. W1/2 Lot 2	16511600200040000000	15.4	E. Kressibucher & S. Jibb	1,015
			15.4		1,015

* The outlet assessment costs were based on the original \$65.89/ha outlet assessment of the lands immediately downstream of the requesting landowner.

The following conditions form part of this report:

- Downstream landowner (Area Roll Number 16511600200010000000) acknowledges in writing, that their lands will accept the additional subsurface flows from the E. Kressibucher & S. Jibb (Area Roll Number 16511600200040000000) land.
- The request is for subsurface flows only, and therefore, no surface water will be directed to the Grant watershed via ditch inlet structures, catch basins, Hickenbottom's or surface inlets etc.
- All lands within the Sandringham Drain Watershed remain in the Sandringham Drain watershed, and are not to be direct to the Grant Drain watershed.

As per Section 65 of the Drainage Act, M. Gerrits Consulting Inc. recommends that a subsequent connection cost of \$1,015 be assessed against the requesting landowner and that amount be credited to the drain for future maintenance.

In conclusion, M. Gerrits Consulting Inc. recommends this information be filed with the bylaw for the Grant Drain. This apportionment shall be applied to any maintenance costs for the drain, until a future report altering the cost distribution is prepared under the Drainage Act.

In addition to the above, M. Gerrits Consulting Inc. recommends the costs of this Section 65 report, shall be paid by the landowner (Area Roll Number 16511600200040000000) who requested the subsequent connection to the Grant Drain.

Respectfully submitted,

[Handwritten signature]
 JAN 13, 2023
 2023-007



Michael Gerrits, P. Eng.
 M. Gerrits Consulting Inc.

Cc:
 Richard Monaghan – City of Kawartha Lakes