



June 10, 2022
Our File: 421075

Shahid Mughal, MCIP, RPP
The Township of North Dumfries
Planning Department
2958 Greenfield Road
PO Box 1060
Ayr, ON N0B 1E0

Re: 3081 Old Beverly Road
Township of North Dumfries

Dear Mr. Mughal,

This letter addresses stormwater management concerns related to the proposed building expansion at 3081 Old Beverly Road in the Township of North Dumfries (Cambridge).

The existing 4.03 ha site consists of three buildings, gravel parking/driveway areas, and grassed areas. The proposed changes to the site include a proposed wash bay and building expansion, as well as the expansion of the gravel parking lot north of the proposed building. Flows from the proposed wash bay will be directed to the proposed septic system designed by CMT Engineering Inc., refer to Class IV Sewage Disposal System Report (dated April 25, 2022) for further details.

Under existing conditions, the site is 21% impervious, comprised of 0.075 ha of rooftop and 0.786 ha of gravel. Under post-development conditions, the site is 23% impervious, comprised of 0.136 ha of rooftop and 0.804 ha of gravel. Runoff will sheetflow overland to the southwest corner, as per existing conditions.

The increase in imperviousness from the existing to the post-development condition will result in a negligible increase in runoff rates from the site. Further, the majority of the increase is rooftop area, which is considered clean runoff and therefore will improve the quality of runoff under post-development condition.

Yours truly,

GM BLUEPLAN ENGINEERING LIMITED

Per:

Patricia Wiebe, P.Eng.



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