

## HAMBLY GROUP

DIVISION OF 8436550 CANADA CORPORATION

TEL 613 374 1746

Email [cxtrough@gmail.com](mailto:cxtrough@gmail.com)

1104 CEDARWOODS DR., VERONA, ONTARIO

CELL 613 536 9118

Kent Randall  
EcoVue Consulting Services Inc.  
311 George Street North, Suite 200  
Peterborough, ON  
K9J 3H3

19 July 2022

Reference: 129 Main St., Wellington, Ontario

Subject: Response to Concerns of Town 21 March 2022

The Town Development Services and Fire and Rescue identified concerns related to "Functional Servicing Report".

25. The elevation of the post-development basement floor is 79.42, while the elevation of the base of proposed footing would be nominally at 79.16. The invert inlet to the Cultec units is 80.82. The treatment gravel base to the Cultec units is 80.67. The outlet inverts to outlets from CB#8 and CB#9 are 80.25 and 80.13 respectively. The effluent from the Cultec base infiltrates into the gravel and flows into an 8 m, 200 mm diameter pipe to the irrigation storage tank at a 0.5% slope. Inlet invert elevation of the tank would be 80.62 .

Service laterals for domestic water and sanitary sewers are in trenches below the base of the Cultec units. These laterals include old retired laterals as well.

There are 3-sumps with duplex controlled pumps in each. These sumps are located at the north, south ends and the west side of the addition. These sumps also pump the effluent to the irrigation storage tank. Any overflow from the irrigation tank is gravity fed to the CB#9.

During all these excavations, no water table was encountered. The nominal water elevation in Lake Ontario is 74 metres. The Lake is approximately 200 metres away from the site. There are no reasonable expectations of the Cultec system being below the water table.

26. The Cultec design chart has been added to the Stormwater Management Report in Appendix 5, confirming the removal of 80% TSS at 1.913 litres per second [l/s] for the "Recharger 330XLHD". This design specifies the use of ten of these units, giving a total flow rate of 19.13 l/s.

42. The amended 'TRAFFIC IMPACT ASSESSMENT REPORT' is attached. The paragraph that addresses 'Emergency Vehicle' access is located on page '2' of the report, in the section 'Executive Summary'.

48. The exterior illumination that is fastened to the building is indicated on the revised main floor electrical plan.

Regards,



Edward Trought, P. Eng.  
For HAMBLY GROUP

attachment - main floor electrical plan

