

May 30, 2024

R.V. Anderson  
436 Westmount Ave, Unit 6  
Sudbury, ON  
P3A 5Z8

Attention: Candice Green, P. Eng

**Re: Sewer and Water Capacity Analysis  
1024 Kingsway  
Township of McKim**

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The Development Engineering Section has reviewed your request for a Sewer and Water Capacity Analysis at the above noted location and have the following to report:

A review of the sewage mains downstream from the proposed connection at MH 10-16 Kingsway revealed that the mains are capable of conveying the additional 2.0 L/s of flow expected from your development.

A capacity analysis performed by our WaterCAD model, developed the following results at the 200mm watermain at intersection of the Kingsway and Access Rd.

Values Obtained from Model

C.G.S. Minimum Requirements

Max Hour: 68 psi  
Max Day: 68 psi  
Fire Flow: 87 l/s

- 40 psi
- 50 psi

*It should be noted that these results are derived at by using a theoretical computer model based on our best available data. In the event that these developments do not proceed within a one (1) year period, then you should make the necessary arrangements to have a current analysis carried out to take into account any changes made in our sewer or WaterCAD models and to ensure that there is sufficient Sewage, Fire Flows and/or Domestic Pressures available for your proposal(s).*

Should you have any questions or concerns please contact me at 671-2489 ext 2409.

Yours truly,

David Longarini  
Development Engineering Technician

DVL/ds

cc: Akli BenAnteur, Wastewater Project Engineer, (Kelly Lake)