

Appendix "C" Engineering Comments re: Sanitary Servicing

MEMORANDUM

Date: March 31, 2021
To: Aaron Hair
From: Tony DiCiocco, C.E.T., Manager of Engineering Services Division
Re: 990 County Rd 22 & 193 Puce Rd
King Townhomes, East Puce River Road, Municipality of Lakeshore

We have completed our review of the sanitary service capacity assessment completed by Landmark Engineering Inc and submitted by Blackrock Project Management on behalf of King Townhomes. We have the following comments:

1. The development is proposing to use 2 existing 125mm diameter sanitary connections that were previously servicing 2 single family homes. Landmark's assessment of the sewage generated for the proposed development concluded that there was a negligible amount of additional sewage being generated from the proposed 12 unit townhome condominium complex. Landmark also concluded that the 2 existing sanitary service connections are sized appropriately to accommodate 6 townhome units each.
2. The Ministry of Environment as-constructed drawings show 2 sanitary connections at 990 County Rd 22 and 1 sanitary connection at 193 Puce Rd. During the reconstruction of County Rd 22, it was determined that the redundant connection on County Rd 22 should be abandoned. This abandonment was completed in 2013.

Recommendations

Based on our analysis, we support the findings in Landmark Engineering Inc.'s correspondence that the additional sewage generated from the proposed development can be serviced using the 2 existing 125mm diameter sanitary service connections. As a result, this development will have a negligible impact on the Dennis St. Pierre sanitary treatment plant capacity.

It is our understanding that this application was submitted in September 2020 and there was significant dialogue with the consultant regarding the use of the 2 existing sanitary sewer connections even before their application was submitted. Considering the negligible impact, Engineering and Infrastructure Services supports this application proceeding.

If you have any questions or require additional information, please contact the undersigned

Tony DiCiocco, C.E.T., Manager
Engineering Services Division