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via e-mail (ssstone@amaranth-eastgary.ca)
CCTA File 116026

Susan M. Stone, A.M.C.T.
CAO/Clerk-Treasurer
Township of Amaranth
374028 6th Line
Amaranth, ON L9W 0M6

**Re: Sarah Properties Ltd.
Wastewater Treatment and Effluent Disposal Class EA
Conclusion of Class EA Phase 2**

Dear Ms. Stone:

Further to our letter of November 28, 2017 to respond to the Township's comments on Phase 2 of the Wastewater Class EA and follow-up emails to and from Gord Feniak, we wish to advise the Township that we have finalized our assessment of the alternative solutions for wastewater servicing of the proposed Sarah Properties Ltd. development in Waldemar.

During Phase 2 of the Class EA, we received comments from residents, both verbally at the PIC in June 2017 and in subsequent written comments, as well as from the Township, agencies and other interested parties. We have reviewed these comments and incorporated them, where appropriate, in our revised comparative evaluation of alternative solutions.

The conclusion of our evaluation is that the preferred alternative is to service the Sarah Properties Ltd. development with a communal wastewater treatment plant (WWTP) with an effluent discharge to the Grand River. The main reasons for this conclusion are:

- An assimilative capacity approved by the MOECC demonstrates the Grand River is an acceptable receiver of a tertiary-treated WWTP effluent. The river water quality can be maintained above all provincial surface water quality objectives under the worse stream flow conditions.
- It requires, and therefore provides, the highest level of wastewater treatment, and thus excellent protection of the natural environment.
- It provides an opportunity for the future connection of existing properties if the need arises.

- Residents' concerns with the potential risk of failure of a WWTP can be addressed with redundancy in the design and equipment, and will be explained further in Phase 3 of the Class EA.
- It is the only solution that meets the project objective and enables the full proposed development.

We trust that this is the information that you require to complete your review of Sarah Properties Ltd.'s integrated Official Plan Amendment application for the Waldemar site. Once we receive confirmation of the Township's decision with regards to the OPA application, we will proceed with Phase 3 of the wastewater Class EA study during which we will assess alternative design concepts for the WWTP, and then preparation of the Environmental Study Report.

Please do not hesitate to contact me if you have any questions regarding the Class EA study and Dave Hannam if the questions relate to the planning application.

Yours truly,
C.C. Tatham & Associates Ltd.



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