

May 16, 2024

Jim Ellis
Public Works Department
Township of Southgate
185667 Grey County Rd 9
Dundalk ON N0C 1B0

Dear Jim Ellis:

RE: 100 Eco Parkway – Southgate Renewables
Response to SP13-20 Second Submission Review Comments

Further to the Public Works Memorandum of June 26, 2023, regarding the subject application, we provide below our responses to the comments made during your review.

Comments	
1	Required to be on municipal water and sanitary sewer connections. Sanitary forcemain piping may be required if elevations for gravity are insufficient to their site.
	Drawing C3-1 demonstrates connections from the Site into the municipal water and sanitary sewer along Eco Parkway. A Site Sewage Pumping Station and forcemain will be utilized to discharge the sanitary into the existing forcemain on Eco Parkway.
2	The Servicing & Stormwater Management Report indicates a request for 175 m ³ /day with the demand occurring over a 12-hour duration. The 175 m ³ /day equivalates to 263 Equivalent Residential Units (ERU's) over the domestic water use. This servicing demand has not been committed to this development with Council approval. It is noted that in the report minimal water will be directed to the sanitary sewer, as the water used will be recycled in their process. The proponent is exploring with the Township to possibly use lagoon cell water to supply the internal process water for the operations.
	Noted. A Water Allocation Agreement with the Township is needed to secure the daily water allocation of 175 m ³ /day for the facility. Envest plans to explore supplementing this allocation in the future by integrating water from the Dundalk Wastewater Treatment Facility.
3	Wastewater effluent directed to the municipal sanitary sewer system must not exceed Southgate By-law No. 13-2011 Schedule "B" Restricted Wastes Sanitary and Combined Sewer Discharges concentration limits.
	Noted.
4	It is noted in the Report that the municipal fire flows projected will not be met with the current Dundalk Water Supply and the Report comments on an onsite underground water supply tanks for fire servicing.
	Underground tanks are proposed on the eastern portion of the Site near the Office and Maintenance Shop per fire flow requirements as presented on drawing C3-1. It is proposed that the tanks be equipped with a float sensor for automatic refill.
5	The water servicing supply lines will require Premise Isolation backflow prevention requirements as stated in Southgate By-law No. 12-2011 Part B.
	A note has been added to drawing C3-1 that states the 25mm water line from the fire water reservoir is to be equipped with a backflow preventor inside the building.

6	Haul Route to be off of, when constructed, Highway 10 - Eco Parkway access road for north, east and south bound traffic.
	Noted.

We trust that the responses provided herein will allow you to continue the approval process for our submission. Should you have any other questions or concerns, please do not hesitate to contact the undersigned.

All of which is respectfully submitted,

WALTERFEDY



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