



MUNICIPALITY OF **West Elgin**

Staff Report

Report To: Council Meeting
From: Bryan Pearce, Planner
Date: 2021-09-23
Subject: Seaside Wastewater Treatment Facility – Environmental Compliance Approval Application – Statement of the Municipality Authorization (Planning Report 2021-29)

Recommendation:

That West Elgin Council hereby receives the report from Bryan Pearce, Planner, regarding Seaside Wastewater Treatment Facility – Environmental Compliance Approval Application – Statement of the Municipality Authorization (Planning Report 2021-29); and

That West Elgin Council authorize the Chief Administrative Officer, to sign Section 7.2 of the Environmental Compliance Approval Application on behalf of the Municipality of West Elgin for the proposed wastewater treatment facility for the proposed development of Seaside in Port Glasgow, having no objection to the construction of the proposed works in the Municipality.

Purpose:

To seek Municipal Council's authorization related signing the Environmental Compliance Approval for the Seaside Wastewater Treatment Facility.

Background:

As Municipal Council may be aware, the Environmental Assessment process was integrated with the Planning process to facilitate the proposed development of Seaside at Port Glasgow on municipal water and private communal sewage services.

As part of the private communal sewage services a new wastewater treatment facility is required for the proposed development.

Project description executive summary from Section 2.1 of the application:

MTE Consultants Inc. (MTE) was retained by Seaside Waterfronts Inc. to complete the design of a communal wastewater treatment plant (WWTP) for the proposed development located in Port Glasgow on Part Lot 6, Concession 14, Aldborough Ward, in the Municipality of West Elgin, County of Elgin.

Seaside Waterfronts Inc. is proposing a Residential-Commercial Development, in approximately 24 hectares of land. The proposed development will include a combination of 343 residential units (single detached, townhomes and apartment

units), and commercial areas. The entire development will be constructed in three separate phases.

The WWTP will be required to treat domestic sewage generated from the residential and commercial units proposed for the development. Treated effluent will be discharged onto the constructed wetland, which will indirectly discharge to Sixteen Mile Creek. The proposed WWTP to service the proposed development will be a Newterra Membrane Bioreactor (MBR) designed for an average flow of 325 m³/day, and flow equalization ahead of the treatment works. The complete wastewater treatment system will be installed within three separate phases, coinciding with the phasing of the proposed development.

Attached is the ECA application as well as the proposed Newterra Microclear Membrane Bioreactor Wastewater Treatment System for the Port Glasgow MBR, as Appendix One and Appendix Two accordingly.

The Developer's Engineer would then submit the application to the Ministry of Environment, Conservation and Parks thereafter to proceed with trying to obtain environmental compliance approval from the Ministry.

Financial Implications:

None. Cost incurred is part of the developer's responsibility in maturing the conditions of the draft plan of subdivision. The cost of the Municipality's Development Engineering Consultant is borne to the proponent's as part of the Municipality's Fees and Charges By-law.

Policies/Legislation:

Environmental Protection Act
Planning Act

Respectfully Submitted,

Bryan Pearce, HBA, CPT, MCIP, RPP
Planner
Municipality of West Elgin

Report Approval Details

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| Document Title: | Seaside Wastewater Treatment Facility - ECA Application Authorization - 2021-29-Planning.docx |
| Attachments: | <ul style="list-style-type: none">- Appendix One - Draft ECA Application.pdf- Appendix Two - Newterra MMBR WTF.pdf |
| Final Approval Date: | Sep 20, 2021 |

This report and all of its attachments were approved and signed as outlined below:

Jana Nethercott