



LAKE ERIE INDUSTRIAL PARK WASTEWATER TREATMENT SYSTEM MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT ADDENDUM – CONSULTATION SUMMARY

INTRODUCTION

In 2011, Haldimand County, completed the Lake Erie Industrial Park (LEIP) Wastewater Treatment System Municipal Class Environmental Assessment (EA) Environmental Study Report (ESR). The 2011 ESR identifies a recommended plan for wastewater treatment and servicing capacity for the LEIP, the Stelco lagoons, and the surrounding communities of Townsend and Jarvis. In early 2022, the County completed an Addendum to the 2011 ESR to:

- Extend the timeframe of the original Class EA by 10 years
- Update technical studies and confirm conditions have not changed significantly from the conditions reported in the 2011 ESR
- Review the findings of the ESR in the broader context of the Highway 6 Corridor Water and Wastewater Servicing Strategy

The ESR Addendum was made available on the Haldimand County website (www.haldimandcounty.ca/lake-erie-industrial-park-wastewater-treatment-system-environmental-study-report-addendum/) for a 30-day review period starting February 15, 2022 and ending March 16, 2022. This memo provides a summary of the comments received over the course of the preparation of the ESR Addendum, during the 30-day review period, and following the 30-day review period.

RECORD OF CONSULTATION

Information regarding the ESR Addendum process was posted online on the County website for public and stakeholder review on November 23, 2021. Information posted included background information, a project status update and contact information for County staff. A public consultation information package was prepared and available for download or viewing online.

Notification of the public consultation information was circulated through a posting on the County's website and social media accounts, as well as through distribution to a study contact list and to local residents by mail and email.

The ESR Addendum report and supporting technical documents were posted on the County website on February 15, 2022 for a 30-day public review period. The review period was advertised with a posting on the County's website, as well as through distribution to the study contact list by mail and email.

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PUBLIC AND STAKEHOLDER COMMENTS

A summary of public and stakeholder concerns and comments is provided in the table below, along with a summary of how they were addressed.

Date and Form of Comment	Summary of Comment	How It Was Addressed
December 6, 2021 / Facebook	<ul style="list-style-type: none"> - Resident inquiring about accumulation of black sludge and algae along shoreline east of Nanticoke 	<ul style="list-style-type: none"> - County staff responded noting that the re-occurrence of algal blooms in Lake Erie is a longstanding issue with multiple contributing factors. The proposed mechanical wastewater treatment plant has the ability to treat wastewater to a higher quality than the existing wastewater treatment lagoons, which will reduce the facility's environmental impact but will not solve the issue of algae in the lake. Haldimand's wastewater treatment processes operate under strict regulations that meet or exceed standards set by the provincial and federal government to protect public health and the environment.
December 7, 2021 / Email	<ul style="list-style-type: none"> - Resident inquiring about methods of notifying community of this study and transparency of process. - Has Norfolk County been informed and are residents of Nanticoke or Vaughan Survey area invited to participate? - Initial studies were completed in 2011, so will new environmental standards be considered and investigated? - Will Indigenous communities be involved, as stewards of land and water? - Does this plan expand on current location of Nanticoke, or is this new? If new, what are impacts on land, creek and Lake Erie? - Consultation should be done more transparently and engagement methods must be 	<p>County staff responded noting:</p> <ul style="list-style-type: none"> - The County strives to reach as many residents as possible through a number of communication channels including (but not limited to): radio, newspaper, social media, and the county website. - Earlier this year a preliminary 'Keeping You Connected' survey was mailed to every household in Haldimand County (with the Haldimand County Playbook) to obtain public input on how we can enhance our current communications and community engagement program. - All previous studies are being revisited to confirm and or update existing conditions and to complete any further study activities to satisfy current requirements. - The County has reached out early in the study process to consult with Indigenous communities. - Norfolk County has been identified as a potential stakeholder. However, they are not involved in this project. - The focus of this study is to provide wastewater servicing to support future growth within the Lake Erie Industrial Park and surrounding communities. However, there are no plans at this time to extend wastewater servicing into Norfolk County.



	tailored appropriately for seasonal, elderly and concerned residents.	
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INDIGENOUS COMMUNITY COMMENTS

A contact list of potentially-interested Indigenous communities was prepared at the start of the study and confirmed with Ministry of the Environment, Conservation and Parks (MECP) staff. The Indigenous community contact list includes: Mississaugas of the Credit First Nation; Six Nations of the Grand River; and the Haudenosaunee Development Institute (HDI).

Each community was invited to participate in a meeting with the Project Team to discuss their interests and concerns in the project. A summary of consultation activities, the concerns and comments expressed, and how they were addressed is provided in the table below.

Community and Form of Contact	Summary of Concerns	How It Was Addressed
<p>Six Nations of the Grand River</p> <p>Notification of study sent by email by County staff on October 4, 2021</p> <p>A meeting was held on December 1, 2021</p> <p>Six Nations of the Grand River provided detailed comments regarding the Cultural Heritage Report on January 28, 2022</p> <p>A response was provided by the County on February 9, 2022, including notification of the</p>	<ul style="list-style-type: none"> - Concern that input was requested with a very short timeline. - Concerns regarding the Cultural Heritage report, including: incorrectly identifying traditional territory; oral history contained in the report does not reflect history and archaeological evidence; disagreement with the conclusion that there is no cultural heritage value; no interviews with Indigenous communities were completed; too much of a focus on built heritage as opposed to cultural heritage landscapes; limited photos and mapping were provided; heritage potential of the industrial lands were not considered. 	<ul style="list-style-type: none"> - Six Nations was invited to provide input to the oral history section as well as any available information regarding built heritage and cultural heritage resources. WSP and County staff will continue discussions with Six Nations and the concerns expressed around this report beyond the filing of this ESR Addendum for public review and during detailed design. - WSP staff were not permitted to take photographs while on Stelco's premises. Within the study area, the industrial lands consisted of a pumphouse and cooling tower were constructed between 1972 and 1982. During the field review, these buildings were determined not to meet the threshold for having cultural heritage value or interest, and as such, were not included as built heritage resources in the Cultural Heritage Report. - We are in the process of improving our Indigenous engagement efforts in order to provide an acceptable consultation process. We are committed to working closely with Six Nations for the duration of this project in order to ensure that all questions and comments are answered effectively. This includes continued engagement through the forthcoming detailed design and construction phases. We are grateful for the opportunities that we have had thus far to engage with



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30-day review period	<ul style="list-style-type: none"> - Requested that County staff are to be involved in the next meeting. - Formally requested to take part in the site work necessary for the Stage 2 Archaeological Assessment. 	<ul style="list-style-type: none"> - Six Nations and look forward to continuing to build a strong and transparent working relationship. - The County confirms that Six Nations will be contacted when site work for the Stage 2 Archaeological Assessment is to be completed.
<p>Mississaugas of the Credit First Nation</p> <p>Notification of study sent by email by County staff on October 4, 2021</p> <p>A meeting was held on November 30, 2021</p>	<ul style="list-style-type: none"> - The Mississaugas of the Credit First Nation (MCFN) requested further technical information regarding the treatment ponds on-site and existing treatment plants. - MCFN requested ecological reporting to be provided for review. Of particular concern are the potential presence of 16 species at risk within the Study Area (one fish, nine birds, and six herptiles), which will need to be considered during detailed design and permitting. MCFN also requested clarification on the presence of herpetile species. - MCFN requested further detail on the potential effects and mitigation measures on wooded areas and watercourses. - Requested that County staff are to be involved in the next meeting. - MCFN requests to be involved in ecological studies going forward. 	<ul style="list-style-type: none"> - The County clarified that if the full Highway 6 Servicing Strategy is enacted, the following treatment plants and lagoons will be decommissioned. Wastewater flows from each of these communities will be conveyed and treated at the proposed centralized Nanticoke Wastewater Treatment Plant: <ul style="list-style-type: none"> • Caledonia Wastewater Treatment Plant • Hagersville Wastewater Treatment Plant • Jarvis Wastewater Treatment Lagoons • Townsend Wastewater Treatment Lagoons - The ponds located on the north end of the Site 'B' property are owned by Stelco and will remain online throughout construction and operation of the proposed Nanticoke Wastewater Treatment Plant. The west lagoon is used for wastewater treatment while the east lagoon is used as a water reservoir. - WSP circulated the Natural Heritage Constraints Analysis Report to the Mississaugas of the Credit First Nation on December 14, 2021 for review. - In addition to the review of previous studies, background data also includes data gleaned from the Natural Heritage Information Centre (NHIC) database, agency data requests and reviews of a select group of standardized "atlases" such as the Ontario reptile and amphibian atlas (ORAA) and the breeding bird atlas (BBA). There are several others sources which are reviewed as part of the background data review, however, the herptile background data would have been



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		<p>predominantly from the NHIC database, the ORAA, and agency correspondence.</p> <ul style="list-style-type: none"> - There would be a total of 9 herptile species since the Midland Painted Turtle was identified in the background data as well as during field investigations. Additional consultation with agencies at the beginning of detail design should occur to determine appropriate level of effort regarding surveys for each of these species / groups of species. - Additional, detailed mitigation recommendations would be made following further surveys and in conjunction with the design team, during detail design. Normally, the mitigation for woodlands is to revise the siting of the construction works to avoid the wooded areas and wetlands (in this case, move the site approx. 160 m north) or establish a buffer between the development and the woodlot (typical recommendation is 30 m from dripline, but this varies greatly by site and other associated environmental considerations). If woodlot is required to be removed, a potential mitigation measure would be replant elsewhere, however additional alternatives would be explored during detailed design. - The County will be involved in the next meeting, and the County will involve MCFN on future ecological studies.
<p>Haudenosaunee Development Institute (HDI)</p> <p>Notification of study sent by email by County staff on October 4, 2021</p> <p>Email from County sent to HDI on January 27, 2022 to advise of upcoming 30-day review period and invite comments</p>	<p>February 15, 2022 email:</p> <ul style="list-style-type: none"> - HDI requested information regarding the Hagersville Water intake (location relative to outflow). - Due to significant amount of work and potential for effects on waterways, fisheries and habitat around Lake Erie, HDI requested the County provide Department of Fisheries and Oceans (DFO) letter and comments. 	<ul style="list-style-type: none"> - The Hagersville Water Intake is via the Port Dover Water Treatment Plant which is situated approximately 5 kilometres east of the proposed treated sewage outflow location to Lake Erie. The sewage outflow location was selected in accordance with an assimilative capacity study which was completed and included as part of the 2011 ESR. - DFO will be engaged as part of the permitting and approvals process during Detail Design. The ESR Addendum contains a commitment that review of the outlet pipe design and potential impact will be completed during Detail Design along with a determination regarding the need to submit a Request for Review to DFO.



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<p>Email from HDI sent to County on February 15, 2022 and on March 14, 2022</p> <p>Meetings were held between County staff and HDI on February 23, 2022 and on March 14, 2022</p> <p>The County provided additional project information to HDI on May 17, 2022 and followed up on June 21, 2022</p>	<ul style="list-style-type: none">- HDI provided an Engagement Agreement for the County. <p>March 14, 2022 email:</p> <ul style="list-style-type: none">- HDI stated in an email on March 14, 2022 their opposition to the project proceeding as there was no engagement during the original 2011 Municipal Class Environmental Assessment process. As such, they requested the County withdraw the project and confirm this in writing to HDI.- HDI confirmed on March 14, 2022 that the project will have serious impact on Haudenosaunee rights and interests.	<ul style="list-style-type: none">- Copies of supporting archaeological assessments and the original 2011 ESR were provided to HDI on January 14, 2022.- A copy of the Highway 6 Corridor technical memo was provided, as requested by HDI at the February 23, 2022 meeting.- The County provided additional technical information to HDI on May 17, 2022.