



VOLUME III

Proposed Terms of Reference

*Environmental Assessment of the Proposed Quarry Landfill Expansion
Stelco Lake Erie Works, Nanticoke*

20136711

Original September 2023, Amended November 2023



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Consultation Plan



Individual Environmental Assessment of the Proposed Quarry Landfill Expansion Stelco Lake Erie Works, Nanticoke

Draft Engagement Plan

September 2023, Version D

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1.0 BACKGROUND

In accordance with the Ontario *Environmental Assessment Act* (the Act), the environmental assessment (EA) process is an open, transparent decision-making process that considers the potential environmental effects (both positive and negative) of a proposal before proceeding. Consultation and engagement are key components to this process. The EA process includes both the Terms of Reference (ToR) and the EA itself. The Proponent for this EA is Stelco and the consultant assisting is WSP Canada Inc. (WSP).

This Engagement Plan provides the proposed framework for engagement, specifically as it relates to the EA for the proposed expansion of the Quarry Landfill (the Project) at Stelco’s Lake Erie Works facility located in Nanticoke, Ontario. This framework was developed in accordance with the Code of Practice: Consultation in Ontario’s Environmental Assessment Process (Ministry of Environment, Conservation and Parks (MECP) 2014). This plan is intended to be a progressive and adaptable document that evolves throughout the EA process.

2.0 KEY TERMINOLOGY

Term	Definition
Engagement (sometimes referred to as consultation)	A two-way communication process that is intended to: <i>“identify concerns; identify relevant information, identify relevant guidelines, policies and standards; facilitate the development of a list of all required approvals, licenses or permits; provide guidance to the proponent about the preparation of the terms of reference (ToR) and EA; ensure that relevant information is shared about the proposed undertaking; encourage the submission of requests for further information and analysis early in the EA process; enable the Ministry to make a fair and balanced decision”</i> (MECP 2014)
Government Review Team (GRT)	Public sector staff from government ministries and agencies who contribute to the EA process. This includes: federal, provincial (including Conservation Authorities) and municipal levels (MECP 2014). The initial list of GRT members is initially provided by the Ministry of Environment Conservation and Parks (MECP) and is further refined throughout the EA process
Indigenous communities (also referred to as Aboriginal or First Nation groups, depending on the specific context)	The <i>Constitution Act, 1982</i> specifies that Aboriginal peoples include Indian, Inuit and Métis peoples of Canada. Each of these groups are considered separate peoples with unique heritages, languages, cultural practices and spiritual beliefs (AANDC 2012)

Term	Definition
The Ministry (or Minister)	The Ministry of Environment, Conservation and Parks (MECP)
The Proponent	Stelco, Lake Erie Works
Stakeholders or Rights Holders	Any individual or organization with an interest in a particular undertaking, including but not limited to: surrounding land owners, environmental groups, local organizations, committees, and associations and Indigenous communities. (MECP 2014).

3.0 PRINCIPLES OF ENGAGEMENT

The engagement methods outlined below are intended to collect and disseminate information, stimulate discussion, and invoke participation in the EA process while developing and maintaining positive, constructive relationships. The process is intended to encourage Indigenous, public and GRT participation and input, and appropriately consider that input in decision-making during the EA process.

The following principles were developed to guide this engagement plan:

- Inlusiveness – Implement a range of opportunities for engagement (e.g., semi-structured open houses, as well as feedback options over the phone or via email).
- Clarity – Be clear about the intended outcomes of an engagement opportunity.
- Accessibility – Ensure all public materials and public venues are developed with the Accessibility for Ontarians with Disabilities Act in mind.
- Balance – Give serious consideration to community values and to all input received as part of any decision-making process.
- Transparency – Share information in an open, transparent and accessible manner.
- Timeliness – Initiate engagement efforts well in advance of decisions and provide stakeholders and rights holders with reasonable timeframes for input.
- Completeness – Inform stakeholders and rights holders of the final decision and results.

4.0 KEY STAKEHOLDERS AND RIGHTS HOLDERS

There are proposed to be three groups of key stakeholders or rights holders for the Project:

- GRT members.
- Indigenous communities (see Section 9.0).
- Local community.

The roles and responsibilities for each of these groups is further discussed in Section 7.0 below.

4.1 Government Review Team Members

It is expected that the MECP will provide the proponent with a standardized and current list of GRT members. This initial distribution list will be reviewed and refined in the context of the proposed Project and includes federal, provincial (including conservation authorities) and municipal agencies. Where there is no potential overlap between the Project and the mandate of a specific GRT member provided in the list, they will be excluded from engagement activities noting that the initial review will be broad and include as many members as possible. GRT members will remain on the distribution list for the Project until such a time as they request to be removed.

4.2 Local Community

At this time the existing Stelco Community Liaison Committee has been identified as a stakeholder and will receive information about the EA via email; the existing committee has 16 members. There are no other known local community associations, organizations or clubs with a potential interest in the Project presently. Information will be shared with the larger local residents across Nanticoke, Ontario via newspaper advertisements and the project website. Should any specific persons or groups identify an interest, they will be added to the Project distribution list.

Following an October 20, 2021 Stelco Community Liaison Committee meeting, an additional 11 members of the public were added to the local community list to receive email updates about the EA. Following Virtual Consultation Event #1 in November 2021 one additional member of the public was added to the local community list to receive email updates about the EA.

5.0 OBJECTIVES OF CONSULTATION

This Engagement Plan has been prepared with the following consultation objectives in mind:

- To generate and maintain awareness and understanding of the proposed Quarry Landfill expansion.
- Gain insight in how stakeholders and rights holders wish to be consulted.

- For the Proponent to understand available information and environmental concerns of the GRT, Indigenous communities and local community and address and incorporate that information into decision making where possible.
- To promote mutually acceptable, environmentally sound solutions.

5.1 Key Decision Making Milestones

During the ToR there are likely several key decision-making milestones related to this Project. They are as follows:

- Identification of components of the environment to consider, available 'Alternatives To' related to this Project and how to evaluate the 'Alternatives To'.
- If possible, during the ToR the preferred 'Alternative To' will be identified allowing this EA to be focused on one alternative and a more detailed draft of possible workplans to evaluate potential impacts on the components of the environment identified.

There are likely to be more key decision making milestones during the EA itself related to the 'Alternative Methods' and it is anticipated that this draft Engagement Plan will be updated when the ToR is completed to describe and identify those key decision making milestones.

5.2 Issues Resolution Strategy

Throughout the EA process, Stelco will solicit feedback and information from the local community, GRT and Indigenous communities about the proposed Quarry Landfill Expansion. Issues identified will be reviewed by Stelco and WSP and a reasonable effort will be made to respond to concerns raised throughout the planning process. Stelco and WSP will attempt to resolve all issues or disputes to reach a resolution that is amenable, recognizing that interests of multiple stakeholders, rights holders and/or regulations may sometimes dictate a resolution that may not be desirable to all parties. When a mutually agreeable resolution cannot be achieved, the matter will be referred to the MECP for guidance. The proponent will resolve issues prior to submission of the final EA, to the extent possible.

6.0 METHODS FOR CONSULTATION

A multi-modal approach to engagement is proposed for this Project. Interactions with key stakeholders and rights holders will be ongoing throughout the EA process; however, there will also be semi-structured events designed to optimize engagement of potentially interested parties. The engagement activities proposed consist of the following:

- Letter and email distribution of notices (including but not limited to the Notice of Commencement (NoC) for the ToR and the NoC for the EA, as well as notices of formal consultation events, review of draft reports and Notices of Submission of final proposed ToR and EA.)
- Publication of notices in two local newspapers.

- Development and maintenance of a Project website as a repository for notices, reports, consultation event documents, feedback forms etc.
- Providing draft and final reports in publicly accessible locations if possible.
- Formal or informal meetings with Indigenous communities (as required or requested).
- Public consultation events (virtual or in person) – one event during the ToR phase and proposed two events during the EA phase of the EA process.
- Technical bulletins as another mechanism to distribute information during key decision making milestones - proposed to be one event during the ToR phase.
- Informal or formal meetings, telephone calls and discussions with local politicians, business owners, community organizations, GRT and any other interested persons throughout the EA process.
- Regular mail or email distribution of draft and final reports as warranted.

For the ToR, one virtual or in-person Consultation Event and one technical bulletin were conducted as follows:

- Consultation Event #1 shared information about the EA process, the Engagement Plan, the overall Project and the need for the undertaking. Further information was provided on the 'Alternatives To' and how they may be evaluated. Input was sought on the Engagement Plan and the need for the undertaking. The evaluation of 'Alternatives To' was a key decision making milestone and input regarding those alternatives and how to evaluate them was sought.
- Technical Bulletin #1 included the results of the evaluation of 'Alternatives To' for comment and presentations of early workplans on how the EA technical studies will be conducted for review and comment.

The intent of these events was to allow for dialogue and sharing of information that could influence decisions before moving forward to the next step in the EA.

For the EA, two Consultation Events in the form of in person Open Houses are planned.

- Open House #1 will present the approved ToR, describe the EA process, inform the public about each of the 'Alternative Methods' for landfill expansion being considered, the criteria for the comparative evaluation of those landfill expansion alternatives and invite participation and comment regarding the 'Alternative Methods' and comparison.
- Open House #2 will present the results of the comparison of 'Alternative Methods', the proposed EA and inform the public about the identification of the preferred alternative for landfill expansion, as well as inform them of the results of the existing conditions studies and the predicted effects of the preferred alternative, and the commitments Stelco is making to mitigate any adverse effects.

It is possible that additional technical bulletins could be considered during the EA.
The proposed schedule for consultation events is depicted on Figure 1.

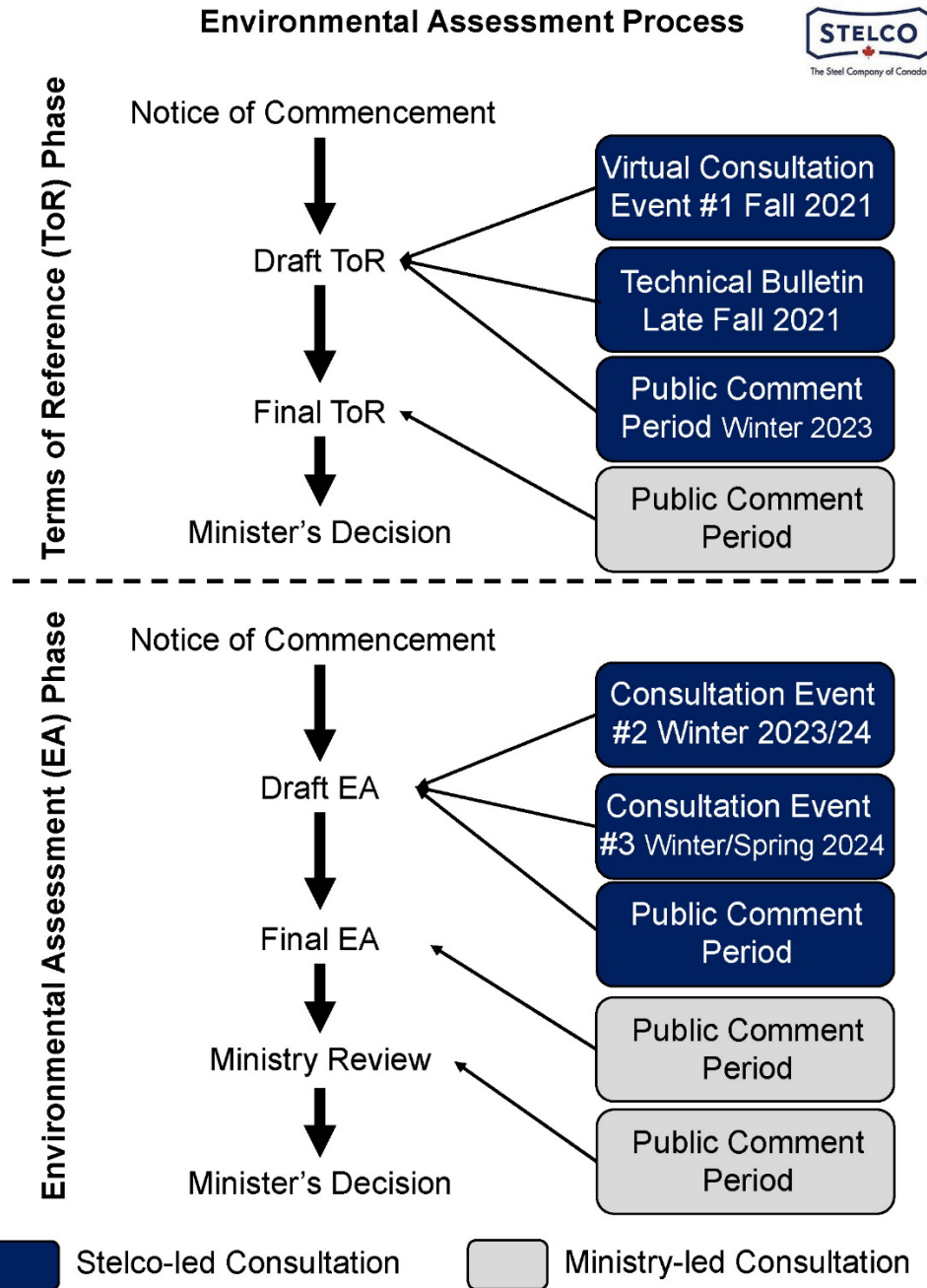


Figure 1: Proposed Schedule of Consultation Activities

7.0 ROLES AND RESPONSIBILITIES

- **Ministry** – The administrative branch of the MECP ensures that proponents meet the requirements of the Act, while technical reviewers within the MECP ensure that proponents have adequately considered the Ministry’s mandate and requirements (MECP 2014). The core responsibilities of the Ministry (as a whole) are as follows:
 - 1) Review and evaluate information compiled by the Proponent (including the contents of the Consultation Record that accompany each of the ToR and EA).
 - 2) Provide consistent information and guidance within their mandate area.
 - 3) Provide timely and constructive input that facilitates good decision-making.
 - 4) Encourage and facilitate the resolution of outstanding concerns.
 - 5) Coordinate reviews by the GRT.
 - 6) Lead consultation with stakeholders on the documents submitted to the Ministry for formal approval.
 - 7) Maintain the public record file.
- **Proponent** – In accordance with Section 5.1 of the Act, a proponent is responsible to “consult with such persons as may be interested” in a Project. At a minimum, the proponent must consult with stakeholders and rights holders once during the ToR phase and twice during the EA phase (MECP 2014). The core responsibilities of the proponent are as follows:
 - 1) Consult with the Ministry’s Environmental Assessment Branch staff to discuss preparation, consultation and submission requirements.
 - 2) Design and implement a Engagement Plan with established reasonable time frames for feedback and review.
 - 3) Identify and undertake meaningful consultation with stakeholders and rights holders.
 - 4) Keep participants informed.
 - 5) Ensure that issues and concerns are identified and considered early in the planning process before irreversible decisions are made.
 - 6) Document how input from stakeholders and rights holders was incorporated into the decision making process.

- **Stakeholders (GRT)** – Are invaluable resources throughout the EA process. Their responsibilities are different from other stakeholders or rights holders as they are public servants with defined mandates (MECP 2014). The core responsibilities of the GRT are as follows:
 - 1) Provide consistent information and guidance within their mandate area.
 - 2) Provide timely and constructive input that supports good decision making.
 - 3) Participate in the Ministry review and provide comments within the specified or regulated timelines.

- **Rights Holders (Indigenous Communities)** – Are an important source of information and a key rights holder in the decision-making process for a Project. The core responsibilities of Indigenous communities are as follows:
 - 1) Identify an appropriate point of contact for the proponent and the Ministry, and communicate any community-specific consultation plans.
 - 2) Identify any Aboriginal claims or interests and communicate any Aboriginal or treaty rights that could be impacted by the Project.
 - 3) Suggest modifications to the EA that may address their concern focusing on matters involving the proposal or planning process.
 - 4) Openly share information that might be relevant to the Project.
 - 5) Provide timely and constructive input that supports good decision-making.

- **Stakeholders (Interested Persons)** – Are an important source of local information and a key stakeholder in the decision-making process for a Project. The core responsibilities of interested persons are as follows:
 - 1) Indicate an interest in the Project and participate in consultation opportunities.
 - 2) Openly share information that might be relevant to the Project and suggest modifications to the proposal or documentation that may address concerns.
 - 3) Provide timely and constructive input that supports good decision-making.

8.0 RECORD OF CONSULTATION

All notices, publicly posted materials, consultation events (formal or informal) and correspondence with the GRT, Indigenous communities and stakeholders will be maintained as part of the public record for the Project. Relevant information will be compiled and presented in the Consultation Record submitted to the Ministry as part of each of the ToR and EA.

8.1 Personal Information

In accordance with the Freedom of Information and Protection of Privacy Act and the *Environmental Assessment Act*, unless otherwise stated in a submission, any personal information such as: name, address, telephone number and property location included in a submission relevant to the Project will become part of the public record files and will be released, if requested, to any person.

9.0 INDIGENOUS COMMUNITY CONSULTATION

It is recognized that Indigenous communities have specific interests and rights with regard to consultation on projects that might potentially affect them. The consultation with Indigenous communities provides insight into the potential effects on Indigenous communities, including the potential effects on use of lands for traditional purposes. It is also recognized that Indigenous communities may have specific and differing needs with regard to how they would like to be consulted.

9.1 Identification of Indigenous Communities

The MECP was consulted early in the Project planning process to confirm which Indigenous communities should be notified about the Project. It is noted that an Indigenous community can still have an interest and be included in consultation, even if they are not identified by the Proponent or the MECP.

The MECP identified Mississaugas of the Credit First Nation, Six Nations of the Grand River (elected council) and Six Nations of the Grand River (Haudenosaunee Confederacy Chiefs Council) as being Indigenous Communities with a potential interest in this EA.

9.2 Methods for Consultation

A multi-modal approach to engagement is proposed for this Project. Interactions with Indigenous communities will be ongoing throughout the EA process; however, there will also be semi-structured events designed to optimize engagement of potentially interested parties. The engagement activities proposed consist of the following:

- Letter and email distribution of notices (including but not limited to the Notice of Commencement (NoC) for the ToR and the NoC for the EA, as well as notices of formal consultation events, review of draft reports and Notices of Submission of final proposed ToR and EA.)
- For all letters and emails distributed a follow up phone call or calls will be provided to Indigenous communities to ensure material was received, understand any consultation requirements or preferences and receive any feedback, comments or questions.
- When notices are provided about formal consultation events the Indigenous communities will also be asked if they would like to be consulted in another manner or would like a separate meeting to present findings and share information.

- Development and maintenance of a Project website as a repository for notices, reports, consultation event documents, feedback forms etc.
- Providing draft and final reports in hard or electronic copy as requested by the Indigenous community.
- Formal or informal meetings with Indigenous communities (as required or requested).
- Public consultation events (virtual or in person) - one event during the ToR phase and proposed to be two events during the EA phase of the EA process.
- Technical bulletins as another mechanism to distribute information during key decision making milestones - one event during the ToR phase.

For specific details about the more formal events planned for the ToR and EA, see Section 6.0.

10.0 REFERENCES

Aboriginal Affairs and Northern Development Canada (AANDC). 2012. Aboriginal Peoples and Communities: Terminology. Available from: <https://www.aadnc-aandc.gc.ca/eng/1377263949667/1377263979371>. Last accessed March, 2021.

Ministry of Environment, Conservation and Parks (MECP). 2014. Code of Practice: Consultation in Ontario's Environmental Assessment Process. Available from: <https://www.ontario.ca/document/consultation-ontarios-environmental-assessment-process>. Last accessed March, 2021.

APPENDIX B

Consultation List

B1 – Consultation List

B2 – Government Review Team (GRT) Review

B1 – Consultation List

Title	First Name	Last Name	Job Title	Department	Sub-department	Address	Address 2	City	Province	Postal Code	Phone	Fax	Email	Comments
Office of the Fire Marshall														
Mr.	Jason	Gallagher	Manager, Emergency Services/Fire Chief								905-318-5932 x6228		jgallagher@haldimandcounty.on.ca	Spoke with Jason on June 1, 2021. His email is jgallagher@haldimandcounty.on.ca and he is ok with receiving documents by email. Fire Station affected: Jarvis Station #3 at 2985 Highway 6 South
Ontario Provincial Police														
Ms.	Jennifer	Davey	Administrative Assistant	Ontario Provincial Police	Research and Program Evaluation Unit / Research Planning & Analysis Section, 1st Floor	777 Memorial Avenue		Orillia	ON	L3V 7V3	705-309-2621		jennifer.davey@opp.ca	
	Abisola	Akinwumi	A/Administrative Assistant	Ontario Provincial Police	Facilities Section, 2nd Floor	777 Memorial Avenue		Orillia	ON	L3V 7V3	705-329-6825		abisola.akinwumi@opp.ca	Acting in current position of Jennifer Davey (contact both)
Rural Planners/Regional Offices (Greater-Toronto Area and Central Southwest Ontario)														
Ms.	Nancy	Rutherford	Rural Planner (A)	Ministry of Agriculture, Food, and Rural Affairs	Land Use Policy & Stewardship, Environmental Policy Branch	6484 Wellington Road 7	Unit 10	Elora	ON	N0B 1S0	226-962-2139	519-846-8178	nancy.rutherford@ontario.ca	Also cc omafra.eanotices@ontario.ca
Ministry of Economic Development, Job Creation and Trade														
	Shireen	Mohammed	Manager (A)	Ministry of Economic Development, Job Creation and Trade	Corporate Policy Unit, Strategic and Corporate Policy Branch	56 Wellesley Street West	11th Floor	Toronto	ON	M5S 2S3	437-770-1241		shireen.mohammed@ontario.ca	
Local School Boards														
Ms.	Ellen	Warling	Manager of Planning, Accommodation, and Rentals	Hamilton-Wentworth District School Board		20 Education Court, P.O. Box 2558		Hamilton	ON	L8N 3L1	905-527-5092		ewarling@hwdsb.on.ca	Request forwarded to Ellen Warling from Laura Hanvey [Staff] <lhanvey@hwdsb.on.ca> for coordination. No confirmation yet. Email received on November 15, 2021 from Laura indicated that she is on Parental leave until October 2022 and that Carrie Graves (cagraves@hwdsb.on.ca) in the new Temporary FM Coordinator.
Mr.	Paul	Ferrie	Senior Manager Facility Services	Hamilton-Wentworth Catholic District School Board		90 Mulberry Street		Hamilton	ON	L8N 3R9			ferriep@hwcdsb.ca	
Mr.	Vince	Ramelli	Manager of Real Estate, Community Partnerships & Transportation	Hamilton-Wentworth Catholic District School Board		91 Mulberry Street		Hamilton	ON	L8N 3R10			ramelliv@hwcdsb.ca	
Mr.	Scott	Keys	Superintendent of Business & Treasurer	Brant Haldimand Norfolk Catholic District School Board		322 Fairview Drive	PO Box 217	Brantford	ON	N3T 5M8	519.756.6505 Ext. 11272		skeys@bhncdsb.ca	Contact confirmed, but not preferences Assistant Linda Luciana : lluciani@bhncdsb.ca.
Local Health Units														
Ms.	Alexis	Atkinson	Manager	Haldimand-Norfolk Public Health Unit									Alexis Atkinson <Alexis.Atkinson@hnhss.ca>	Added to consultation list after emailed received from Matthew Harrington on February 1, 2023 requesting her to be added to future correspondence.
Mr.	Matthew	Harrington	Senior Public Health Inspector	Haldimand-Norfolk Public Health Unit		12 Gilbertson Drive	PO Box 247	Simcoe	ON	N3Y 4L1	519-426-6170		Matthew.Harrington@hnhss.ca	
Dr.	Matthew	Strauss	Medical Officer of Health (ACTING)	Haldimand-Norfolk Public Health Unit		13 Gilbertson Drive	PO Box 248	Simcoe	ON	N3Y 4L2	519-426-6170		matt.strauss@hnhss.ca	Added to consultation list after an email received from Matthew Harrington on November 15, 2021 indicated Dr. Matteh Strauss is the new Acting Medical Officer. Sent email regarding ToR delivery format but did not receive a response. October 12, 2022 - Left a voicemail w/ his assistant and requested a call back. Oct 13 - called back indicating a PDF copy is desired.

Title	First Name	Last Name	Job Title	Department	Sub-department	Address	Address 2	City	Province	Postal Code	Phone	Fax	Email	Comments
Ministry of Tourism, Culture and Sport														
Ms.	Deborah	Cope	Manager (Acting)	Ministry of Tourism, Culture and Sport	Culture Policy and Services Unit						647-292-8261		deborah.cope@ontario.ca	
Ms.	Shipra	Vyas	Manager	Ministry of Tourism, Culture and Sport	Tourism Policy Unit						416-727-2884		shipra.vyas@ontario.ca	
Ministry of Citizenship and Multiculturalism														
Ms.	Karla	Barboza	Team Lead (A)	Ministry of Citizenship and Multiculturalism	Heritage Planning Unit, Programs and Services Branch	401 Bay Street	Suite 1700	Toronto	ON	M7A 0A7	416-314-7120		karla.barboza@ontario.ca	Harvey, Joseph (MHSTCI) <Joseph.Harvey@ontario.ca> replied on July 27, 2021 with initial advice
Ministry of Indigenous Affairs														
Ms.	Ashley	Johnson	Indigenous Policy Specialist / Coordinator (Acting)	Ministry of Indigenous Affairs	Municipal Structures Policy Section	777 Bay Street	College Park 13th floor	Toronto	ON	M7A 2J3	416-585-7459		Ashley.Johnson@ontario.ca	Also CC : Lise Chabot lise.chabot@ontario.ca
Ministry of Municipal Affairs and Housing														
Mr.	Erik	Boyd	Manager, Community Planning and Development	Ministry of Municipal Affairs and Housing	Western Municipal Services Office	659 Exeter Road, 2nd Floor		London	ON	N6E 1L3			erick.boyd@ontario.ca	Identified as appropriate contact in the updated (2022) GRT list provided by Stephen Deneault (MECP). October 12, 2022 - email sent to determine ToR delivery format. October 13, 2022 - response indicating that a copy of the ToR is not required (the MMHH does not typically review the ToR), but the would like future correspondence regarding the project.
Conservation Authorities														
Ms.	Leigh-Anne	Mauthe	Supervisor of Planning Services	Long Point Conservation Authority		4 Elm Street		Tillsonburg	ON	N4G 0C4	519-842-4242 x231		planning@lprca.on.ca	October 13 - Email from Isabel Johnson confirmed that all correspondence with LPRCA should go to planning@lprca.on.ca
MNR Regional and District Offices														
Ms.	Karina	Cerniavskaja	District Manager	Ministry of Natural Resources and Forestry	Guelph District	615 John St. N		Alymer	ON	N5H 2S8	519-200-2276		karina.cerniavskaja@ontario.ca	
Ministry of the Solicitor General														
Mr.	Robert	Greene	Director	Ministry of the Solicitor General		25 Grosvenor Street	13th floor	Toronto	ON	M7A 1Y6	416-277-2370		robert.greene@ontario.ca	Will email until his confirms otherwise
Ministry of Environment, Conservation and Parks														
Mr.	Jeremy	Gamble	Senior Environmental Officer	Ministry of Environment Conservation and Parks	Hamilton District Office	Ellen Fairclough Bldg 9th Floor, 119 King St West		Hamilton	ON	L8P 4Y7	905-512-5674		jeremy.gamble@ontario.ca	Added when it was noted Taylor Buck moved to Niagara office
Mr.	Stephen	Deneault	Environmental Officer	Ministry of Environment Conservation and Parks	Environmental Assessment Services / Environmental Assessment Branch	135 St. Clair Avenue West		Toronto	ON	M4V 1P5	437-247-3443		Stephen.Deneault@ontario.ca	
Ministry of Energy, Northern Development and Mines														
Mr.	Omer	Omerdin	Initiatives Coordinator	Ministry of Northern Development, Mines, Natural Resources and Forestry	Strategic Support Unit	Willet Green Miller Centre, 2nd Floor, 933 Ramsey Lake Rd		Sudbury	ON	P3E 6B5	705-280-7952		omerdin.omer@ontario.ca	Identified as appropriate contact by Jean-Gilles Lemieux (Manager - Strategic Programs Unit). October 7th, 2022
Ms.	Melanie	Johnson	Senior Strategic Initiatives Lead (Acting)	Ministry of Northern Development, Mines, Natural Resources and Forestry	Strategic Support Unit	Willet Green Miller Centre, 2nd Floor, 933 Ramsey Lake Rd		Sudbury	ON	P3E 6B5	705-698-5041		melanie.johnson@ontario.ca	Identified as appropriate contact by Jean-Gilles Lemieux (Manager - Strategic Programs Unit). October 7th, 2022

Title	First Name	Last Name	Job Title	Department	Sub-department	Address	Address 2	City	Province	Postal Code	Phone	Fax	Email	Comments
Ministry of Transportation														
Mr.	Michael	Nadeau	Manager Engineering Program Delivery West	Design and Engineering Branch Ministry of Transportation		659 Exeter Road, 4th Floor		London	ON	N6E 1L3	T: 519-873-4373 C: 226-688-4799		michael.nadeau@ontario.ca	
Mr.	Jason	White	Manager Engineering Program Delivery Central	Design and Engineering Branch Ministry of Transportation		159 Sir William Hearst Ave., 5th Floor, Building D		Toronto	ON	M3M 0B7	416-235-5575	416-235-3436	jason.white@ontario.ca	
Ministry of Agriculture, Food and Rural Affairs														
Ms.	Michele	Doncaster	Manager Land Use Policy & Stewardship	Food Safety and Environmental Policy Branch, Ministry of Agriculture, Foods and Rural Affairs	Land Use Policy & Stewardship	1 Stone Road W, 3rd Floor		Guelph	ON	N1G 4Y2	T: 226-979-1552	F: 519-826-3109	michele.doncaster@ontario.ca	October 12 - phone call w/ Michele. She indicated that the correspondence should always go to the Rural Planner responsible from the region (as she does not review them herself). Since she has been contacted already for this project she indicated that we should send correspondence to the regional manager, and cc her.
Ms.	Nancy	Rutherford	Rural Planner	Food Safety and Environmental Policy Branch, Ministry of Agriculture, Foods and Rural Affairs	Land Use Policy & Stewardship	6484 Wellington Rd. 7		Elora	ON	N0B 1S0	226-962-2139		nancy.rutherford@ontario.ca	Added as per call w/ Michele Doncaster.
Environment and Climate Change Canada														
Mr.	Rob	Clavering	Head Environmental Assessment Section Ontario	Environment and Climate Change Canada	Environmental Protection Branch – Ontario Region	4905 Dufferin Street		Toronto	ON	M3H 5T4	416-458-9670		robert.clavering@ec.gc.ca	
Fisheries and Oceans Canada														
				Fish and Fish Habitat Protection Program		867 Lakeshore Road		Burlington	ON	L7S 1A1	1-855-852-8320		FisheriesProtection@dfo-mpo.gc.ca	
Municipalities														
Ms.	Evelyn	Eichenbaum	Manager - Citizen and Legislative Services/ Clerk	Haldimand County		53 Thorburn St. S.		Cayuga	ON	N0A 1E0	905-318-5932 x6349		clerk@haldimandcounty.on.ca	
				Office of the City Clerk		71 Main Street West, 1st Floor		Hamilton	ON	L8P 4Y5	905-546-4408		clerk@hamilton.ca	

Title	First Name	Last Name	Aboriginal Group / Membership	Address	Address 2	City	Province	Postal Code	Phone	Fax	Email	Comments	Special Courier Notes
Consultation Coordinator	Fawn	Sault	Mississaugas of the Credit First Nation	4065 Hwy. 6, Hagersville, NOA 1H0		Hagersville	ON	NOA 1H0	Ph: 905-768-4260 Cell: 289-527-6580		Fawn.Sault@mncfn.ca MCFN.Consultation@mncfn.ca	Also send to Adam LaForme <Adam.LaForme@mncfn.ca> for archaeological and to MCFN.Consultation@mncfn.ca. Fawn has switched to a new role for the MCFN Council and will no longer be checking this email (crossed out email). MCFN automatic reply on May 27, 2022, indicated the email is no longer monitored and to email Abby.LaForme@mncfn.ca (Acting Consultation Coordinator) and CC Mark.LaForme@mncfn.ca and any Archaeological emails and notifications please send to Adam.LaForme@mncfn.ca	
Acting Consultation Coordinator	Abby	LaForme	Mississaugas of the Credit First Nation	4065 Hwy. 6, Hagersville, NOA 1H0		Hagersville	ON	NOA 1H0	Ph: 905-768-4260		Abby LaForme <Abby.LaForme@mncfn.ca>	See comment above for additional cc's	
Consultation Supervisor	Robbin	Vanstone	Six Nations of the Grand River (Elected Council)						(519) 753-0665 (main office) 519-445-2201 (Tammy Martin)		rvanstone@sixnations.ca ; tammymartin@sixnations.ca ; markhill@sixnations.ca ; dlaforme@sixnations.ca ; dawnrussel@sixnations.ca ; lrcs@sixnations.ca	Spoke with Robin on June 13, 2021 and it was noted that Dawn Laforme (secretary/receptionist) dlaforme@sixnations.ca should be cc'd. Mark Hill is the Chief, Tammy is Chief of Staff and Robin is Consultation Supervisor. Spoke with Robin on June 23, 2022 and she noted that Dawn Russel (Consultation Administrative Assisstant) should be cc'd - dawnrussell@sixnations.ca. Meeting was requested to be set up.	
			Six Nations of the Grand River (Haudenosaunee Confederacy Chiefs Council)						519-445-4222 (main number)		info@hdi.land jocko@sixnationsns.com	Left Message Left additional message July 8th, 2021. Emailed Hohahes Leroy Hill on July 13, 2021 after MECP provided email for contact jocko@sixnationsns.com. Spoke with Tracey on June 23, 2022 and she mentioned that emails should be sent to info@hdi.land with Leroy cc'd	

For privacy of information the public names and contact information are not shared but some details are provided below.

First Name	Last Name	Address	Address 2	City	Province	Postal Code	Phone	Email	Preferred Method of Communication	Notes

16 members of CLC - 3 are Stelco, 2 are MECP, 1 Conservation Authority, 1 Haldimand County, 5 residents, 4 organizations
 11 additional residents added after CLC open meeting October 20, 2021
 1 additional resident added after Virtual Consultation Event #1, November 2021
 (Addresses not included for privacy reasons)

B2 – Government Review Team (GRT) List

Name, Position, Agency and Address	Document Form	Phone, Fax and Email	Types of EA Projects to be Circulated	Included or Excluded from EA and Rationale
PROVINCIAL AGENCIES & MINISTRIES				
Conservation Ontario				
Ms. Leslie Rich, Policy and Planning Liaison Conservation Ontario 120 Bayview Parkway Newmarket ON L3Y 3W3 www.conservationontario.ca	Electronic	T: 905-895-0716 Ext. 226 F: 905-895-0751 C: 705-716-6174 lrich@conservationontario.ca	Parent Class EAs or province-wide EA matters only.	Not included because of not being a Parent Class EA or province-wide EA.
Conservation Authorities For individual EAs and Class EAs, send to the local Conservation Authority covering the affected area. If no Conservation Authority exists for that area, then no circulation necessary.	1 hard copy	See Municipal Directory at http://www.mah.gov.on.ca/page1591.aspx or http://conservationontario.ca/conservation-authorities/find-a-conservation-authority/	All individual and Class EAs within area covered by the particular Conservation Authority. <u>Please Note:</u> Conservation Ontario and each individual Conservation Authority should be circulated any Class EA annual surveys which are committed to in the Parent Class EAs.	Included because the proposed project location is within the Long Point Region Conservation Authority area. Haldimand Conservation Authority included then removed at their request.
GO Transit and Metrolinx				
Pam Foster, Director Environmental Programs and Assessment Metrolinx 10 Bay Street Toronto ON M5J 2W3	1 electronic copy	T: 647-272-9386 pam.foster@metrolinx.com	Projects of interest include: i) crossings of a GO Transit/Metrolinx transportation corridor or station facility, ii) is within 300m of a GO Transit/Metrolinx transportation corridor, station or maintenance facility, or iii) all transit projects.	Not included because of not involving a GO Transit/Metrolinx corridor.
Hydro One Networks Inc.				
Hydro One Networks Inc.	1 electronic copy	SecondaryLandUse@HydroOne.com	Projects that could potentially directly impact HONI facilities (including transmission/distribution lines/stations). Proponents must clearly identify the proposal's location and outline the type of impact anticipated relative to HONI facilities.	Not included because proposed project and 500 metres around it does not contain any HONI facilities.
Niagara Escarpment Commission				
Nancy Mott, Senior Strategic Advisor Niagara Escarpment Commission 232 Guelph Street Georgetown ON L7G 4B1	1 hard copy and 1 electronic copy	C: 289-839-0106 F: 905-873-7452 nancy.mott@ontario.ca	Projects with potential effects on the Niagara Escarpment Planning Area and Area of Development Control. The Plan Area and Development Control Area are identified in the Niagara Escarpment Plan 2017 and are available at www.escarpment.org .	Included because transportation from the Hamilton Works site to the Lake Erie Works site will cross the Niagara Escarpment Planning Area. Then removed at the request of Niagara Escarpment Commission as MTO and Municipal will review traffic considerations.
Kim Peters, Senior Strategic Advisor Niagara Escarpment Commission 232 Guelph Street Georgetown ON L7G 4B1	1 electronic copy and 1 hard copy	T: 647-539-8788 F: 905-873-7452 kim.peters@ontario.ca	Projects with potential effects on the Region of Halton and the Region of Peel.	Not included because the proposed project is not in these Regions.
John Stuart, Senior Strategic Advisor(A) Niagara Escarpment Commission 232 Guelph Street Georgetown ON L7G 4B1 Administrative Assistant Niagara Escarpment Commission 1450 7 th Avenue East, 1 st Floor Owen Sound ON N4K 2Z1	1 electronic copy and 1 hard copy	John: T: 905-703-5837 F: 905-873-7452 john.stuart@ontario.ca Administrative Assistant necowensound@ontario.ca	Projects with potential effects on the Niagara Escarpment Plan Area, including the municipalities of the County of Dufferin (including Town of Mono), County of Grey, County of Bruce, County of Simcoe, Owen Sound, Town of Blue Mountains.	Not included because the proposed project is not in these areas.

Name, Position, Agency and Address	Document Form	Phone, Fax and Email	Types of EA Projects to be Circulated	Included or Excluded from EA and Rationale
Office of the Fire Marshal				
Local Fire Department(s) Please contact the affected local municipal office in order to obtain the name of the Fire Chief and the address of the affected fire department. See Municipal Directory at http://www.mah.gov.on.ca/page1591.aspx .	1 hard copy		The Office of the Fire Marshal has requested that EAs be directed to the local Fire Department in the affected municipality (or municipalities). Where Fire Department access might be affected.	Included.
Ontario Power Generation				
Tammy Wong, Senior Environment Specialist Corporate Programs Ontario Power Generation 700 University Ave. Toronto ON M5G 1X6	Prefers email notifications	T: 416-592-4548 tammy.wong@opg.com	Projects within 5 km of an OPG generating site or that could potentially directly impact any Ontario Power Generation generating site or any waterpower projects being built on the same river system as OPG waterpower facilities. If unsure, contact OPG before sending documents.	Included because of the OPG generation station located in Haldimand, Ontario near the Lake Erie Works site. Then removed from list at request of OPG.
Ontario Provincial Police				
Jennifer Davey, Administrative Assistant Research and Program Evaluation Unit / Research Planning & Analysis Section Ontario Provincial Police 777 Memorial Avenue, 1st Floor Orillia ON L3V 7V3 Acting in current position: Abisola Akinwumi A/Administrative Assistant Facilities Section, 2nd Floor Ontario Provincial Police 777 Memorial Avenue Orillia ON L3V 7V3	Downloading preferred	Contact both Jennifer and Abisola: Jennifer: T: 705-309-2621 jennifer.davey@opp.ca Abisola: T: 705-329-6825 abisola.akinwumi@opp.ca	Individual and Class EAs in municipalities without own police service (OPP then patrols area), projects with potential to change demographics, traffic flow, or the need for police presence. EAs having a direct physical impact on OPP detachments, or impacting provincial highways (which OPP patrols).	Included because OPP patrolled areas may be used during the transportation from the Hamilton Works site to the Lake Erie Works site.
Ministry of Agriculture, Food and Rural Affairs				
Michele Doncaster, Manager Land Use Policy & Stewardship Food Safety and Environmental Policy Branch Ministry of Agriculture, Food and Rural Affairs 1 Stone Road W, 3rd Floor Guelph ON N1G 4Y2	Cover letter only for province-wide Parent Class EA documents and Individual EAs Do not circulate Class EA projects (see regional office contacts below)	T: 226-979-1552 F. 519-826-3109 michele.doncaster@ontario.ca	All province-wide Parent Class EA documents and Individual EAs that are province-wide or include multiple regions that affect agricultural operations and prime agricultural areas (i.e. predominantly prime agricultural lands which include specialty crop areas and/or, Canada Land Inventory (CLI) Class 1, 2 and 3 soils, and any associated CLI Class 4 to 7 soils). Do not circulate Parent Class EA documents or Individual EAs that only include land in designated "settlement areas" (as defined by the Provincial Policy Statement). Do not circulate Class EA projects (see regional office contacts below).	Included because land surrounding Stelco Lake Erie Works can be considered prime agricultural area.

Name, Position, Agency and Address	Document Form	Phone, Fax and Email	Types of EA Projects to be Circulated	Included or Excluded from EA and Rationale
<p>Rural Planners/Regional Offices: Circulate Individual EAs, Class EAs and waste EAs affecting agricultural operations, prime agricultural areas (i.e. predominantly prime agricultural lands which include specialty crop areas and/or Canada Land Inventory (CLI) Class 1, 2 and 3 soils, and any associated CLI Class 4 to 7 soils), and in the Greater Golden Horseshoe, the Agricultural System, (see definition and map at: http://www.omafra.gov.on.ca/english/landuse/agsys-ggh.htm) to the appropriate Rural Planner. Do not circulate any Individual EAs or Class EAs that only include land in designated "settlement areas" (as defined by the Provincial Policy Statement), and illustrated in the local municipal official plan land use schedule. See geographic coverage area for OMAFRA Rural Planners on the intranet site: http://ontarioca11.maps.arcgis.com/apps/webappviewer/index.html?id=93d00701708946d5b011d2ab88319597</p>				
<p>Jocelyn Beatty, Rural Planner Central-Eastern Ontario and Northwestern Ontario Land Use Policy & Stewardship Food Safety and Environmental Policy Branch Ministry of Agriculture, Food & Rural Affairs Elora Resource Centre 6484 Wellington Rd 7 Elora ON N0B 1S0</p>	<p>Prefers electronic version</p>	<p>T: 519-546-7612 F: 519-846-8178 jocelyn.beatty@ontario.ca</p>	<p>Email omafra.eanotices@ontario.ca as initial step prior to circulating documents.</p> <p>Projects meeting above criteria in the following geographies:</p> <p>Central-Eastern Ontario: Durham Region, York Region, Simcoe County, District of Muskoka, City of Kawartha Lakes, City of Barrie, City of Belleville, City of Orillia, City of Peterborough, City of Quinte West, City of Toronto, Peterborough County, Northumberland County, Haliburton County, Lennox and Addington, Prince Edward County, Hastings County.</p> <p>Northwestern Ontario: Kenora District, Rainy River District, Thunder Bay District.</p>	<p>Not included because the project is not in Central-Eastern Ontario.</p>
<p>David Marriott, Rural Planner Western Ontario Land Use Policy & Stewardship Food Safety and Environmental Policy Branch Ministry of Agriculture, Food and Rural Affairs 6484 Wellington Road 7, Unit 10 Elora ON N0B 1S0</p>	<p>Email Only Preferred</p>	<p>T: 519-766-5990 F: 519-846-8178 david.marriott@ontario.ca</p>	<p>Email omafra.eanotices@ontario.ca as initial step prior to circulating documents.</p> <p>Projects meeting above criteria in the following geographies:</p> <p>Western Ontario: Bruce County, Grey County, Huron County, Dufferin County, Perth County (including Stratford and St. Mary's), County of Wellington (including City of Guelph), Region of Waterloo.</p>	<p>Not included because the project is not in Western Ontario.</p>
<p>Sarah Kielek-Caster Rural Planner(A) Central-West Ontario Land Use Policy & Stewardship Food Safety and Environmental Policy Branch Ministry of Agriculture, Food and Rural Affairs 6484 Wellington Road 7 – Unit 10 Elora ON N0B 1S0</p>	<p>1 e-copy</p>	<p>T: 226-962-8933 F: 519-846-8178 sarah.kielek-caster@ontario.ca</p>	<p>Email omafra.eanotices@ontario.ca as initial step prior to circulating documents.</p> <p>Projects meeting above criteria in the following geographies:</p> <p>Central-West Ontario: Niagara Region, County of Essex, County of Lambton, Middlesex County, Elgin County, Oxford County, Chatham-Kent, City of Hamilton, City of London, City of St. Thomas.</p>	<p>Included because dust from traffic could be a consideration. Then removed at request of reviewer.</p>

Name, Position, Agency and Address	Document Form	Phone, Fax and Email	Types of EA Projects to be Circulated	Included or Excluded from EA and Rationale
<p>John O'Neill, Rural Planner Eastern Ontario and Northeastern Ontario Environmental Land Use Policy Food Safety and Environmental Policy Branch Ministry of Agriculture, Food and Rural Affairs 1st Fl.-59 Ministry Rd., Box 2004, ORC Building Kemptville ON K0G 1J0</p>	<p>Prefers electronic version</p>	<p>T: 613-258-8341 (office) 613-290-9112 (cell) F: 613-258-8392 john.o'neill@ontario.ca</p>	<p>Email omafra.eanotices@ontario.ca as initial step prior to circulating documents.</p> <p>Projects meeting above criteria in the following geographies:</p> <p>Eastern Ontario: Renfrew County, Frontenac County, Lanark County, United Counties of Leeds and Grenville, City of Ottawa, United Counties of Stormont, Dundas & Glengarry, United Counties of Prescott Russell.</p> <p>Northeastern Ontario: Cochrane District, Algoma District, Sudbury District, City of Greater Sudbury, Manitoulin Island, Temiskaming District, Nipissing District, Parry Sound District.</p>	<p>Not included because the project is not in Eastern or Northeastern Ontario.</p>
<p>Nancy Rutherford, Rural Planner(A) Greater-Toronto Area and Central Southwest Ontario Land Use Policy & Stewardship Food Safety and Environmental Policy Branch Ministry of Agriculture, Food and Rural Affairs 6484 Wellington Road 7 – Unit 10 Elora ON N0B 1S0</p>	<p>1 e-copy</p>	<p>T: 226-962-2139 F: 519-846-8178 nancy.rutherford@ontario.ca</p>	<p>Email omafra.eanotices@ontario.ca as initial step prior to circulating documents.</p> <p>Projects meeting above criteria in the following geographies:</p> <p>Greater Toronto Area: Peel Region, Halton Region.</p> <p>Central Southwest Ontario: Brant County, City of Brantford, Haldimand County, Norfolk County.</p>	<p>Included as agricultural lands present within 500 metres of proposed landfill expansion.</p>
<p>Ministry of Colleges and Universities</p>				
<p>EAs to be sent to individual affected Colleges and Universities. Only contact Ministry when issues cannot be resolved at the local level.</p> <p>Lindsey Harrold, Director(A) Postsecondary Finance and Information Management Branch Ministry of Colleges and Universities 315 Front Street W, 16th Flr Toronto ON M7A 0B8</p>	<p>1 hard copy</p>	<p>See INFO-GO for contact information of various colleges and universities.</p> <p>T: 437-227-5276 lindsey.harrold@ontario.ca</p>	<p>Individual and Class EAs for projects affecting colleges and universities should be submitted directly to the affected institution. They should be consulted about any project within approximately 400m of the boundary of the institution and any of its campuses and for other projects which may impact an institution's property, buildings and facilities, faculty, staff, students and visitors (through air- and water- borne materials; noise, light, transmission and other vibration generated energies; pedestrian and public transportation route and volume changes, including impacts from commercial and industrial initiatives, demographic changes, etc.).</p>	<p>Not included because no colleges or universities are in the area of the proposed project.</p>

Name, Position, Agency and Address	Document Form	Phone, Fax and Email	Types of EA Projects to be Circulated	Included or Excluded from EA and Rationale
Ministry of Economic Development, Job Creation and Trade				
Shireen Mohammed, Manager(A) Corporate Policy Unit Strategic and Corporate Policy Branch Ministry of Economic Development, Job Creation and Trade 56 Wellesley St. W, 11th Flr Toronto ON M5S 2S3	Electronic version	T: 437-770-1241 shireen.mohammed@ontario.ca	Any proposed regulations requiring that large-scale private sector undertakings be made subject to the Environmental Assessment Act. Projects with significant job creation potential or supply chain benefits to the regional or provincial economy.	Included because of being a private sector undertaking that is subject to the Environmental Assessment Act.
Michael Helfinger, Senior Policy Advisor Corporate Policy Unit Strategic and Corporate Policy Branch Ministry of Economic Development, Job Creation and Trade 56 Wellesley St. W, 11th Flr Toronto ON M5S 2S3		T: 416-434-4799 Alternante Mobile: 426-722-6229 michael.helfinger@ontario.ca	Individual EAs (including joint federal-provincials EAs) involving large public infrastructure projects, particularly baseload electricity generation, transmissions lines, water and petroleum pipelines and transportation corridors.	Included because of being a private sector undertaking that is subject to the Environmental Assessment Act. Then removed from the list as no longer in that position and no alternate provided.
Ministry of Education				
Paul Bloye, Director Capital Program Branch Capital and Business Support Division Ministry of Education 315 Front Street W, 15th Flr Toronto ON M7A 0B8	Contact first	T: 416-325-8589 paul.bloye@ontario.ca	Any project that is directly related to schools or school boards.	Not included because the proposed project is not related to schools or school boards.
Local French and English Public and Catholic Boards of Education	1 hard copy	See Municipal Directory at http://www.mah.gov.on.ca/page1591.aspx	Any project that will impact a school building, property or staff and students, e.g. noise, air quality, well water quality, pedestrian routes, school bus routes, general safety considerations, enrolment and school construction planning.	Included because of transportation from the Hamilton Works site to the Lake Erie Works site. School boards included were the Hamilton-Wentworth District School Board, Hamilton-Wentworth Catholic District School Board, and Brant Haldimand Norfolk Catholic District School Board.
Ministry of Energy, Northern Development and Mines				
Mr. Andrea Pastori, Cabinet Liaison and Strategic Policy Branch Coordinator Strategic Policy and Analytics Branch Strategic, Network and Agency Policy Division Ministry of Energy, Northern Development and Mines 77 Grenville St., 6 th Flr. Toronto ON M7A 1B3	Prefers electronic version	T: 416-274-2126 andrea.pastori@ontario.ca	Individual and Class EAs with energy implications or energy-related (including renewable energy such as small hydro, wind, energy from waste landfill gas, deep lake water cooling).	Not included because energy implications listed will not be involved.
Mary Perry, Manager(A) Strategic Support Unit Ministry of Energy, Northern Development and Mines Willet Green Miller Centre, 2 nd Flr 933 Ramsey Lake Rd Sudbury ON P3E 6B5	Prefers electronic version	T: 705-690-0026 mary.perry@ontario.ca		Included.
Clare Pineau, Initiatives Coordinator Strategic Support Unit Ministry of Energy, Northern Development and Mines Willet Green Miller Centre, 2 nd Flr 933 Ramsey Lake Rd Sudbury ON P3E 6B5	Prefers electronic version	T: 705-561-6912 clare.pineau@ontario.ca		Included.

Name, Position, Agency and Address	Document Form	Phone, Fax and Email	Types of EA Projects to be Circulated	Included or Excluded from EA and Rationale
Jennifer Paetz, Initiatives Coordinator Strategic Support Unit Ministry of Energy, Northern Development and Mines Willet Green Miller Centre, 2 nd Flr 933 Ramsey Lake Rd Sudbury ON P3E 6B5	Prefers electronic version	T: 705-690-8205 jennifer.paetz@ontario.ca	All EAs. Consult ENDM at draft Terms of Reference stage (or earlier) to determine if project will impact lands containing: significant geological resources, mining claims, mineral development projects, and/or abandoned mine hazards. ENDM also comments on potential economic and community development impacts from a northern stakeholder perspective. ENDM also has an interest in individual and Class EAs with energy implications or energy-related (including renewable energy such as small hydro, wind, energy from waste landfill gas, deep lake water cooling).	Included.
Ministry of Health and Long-Term Care				
Public Health Units and Medical Officers of Health See: http://www.alphaweb.org/?page=PHU	1 hard copy		Send entire EA for sewage and water-works, and for waste facility projects which may have health implications to Public Health Unit/Medical Officer of Health for the geographic area.	Included because of involving a waste facility project. Public Health Unit/Medical Officer of Health included was the Haldimand-Norfolk Public Health Unit.
Ministry of Heritage, Sport, Tourism and Culture Industries				
Heritage, Tourism and Culture Division				
<p>The Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI), Heritage, Tourism and Culture Division, has an interest in the conservation of cultural heritage resources, which includes archaeological resources, built heritage resources and cultural heritage landscapes, and in stimulating tourism growth and investment.</p> <p>Cultural Heritage Undertakings that may affect property(ies) or project areas having recognized or potential cultural heritage value or interest, which may include:</p> <ul style="list-style-type: none"> • built heritage resources • cultural heritage landscapes • archaeological resources • areas of archaeological potential • properties owned or controlled by the Province or public bodies prescribed under Ontario Regulation 157/10 <p>While some cultural heritage resources may already be identified and inventoried by official sources, the significance of others can only be determined after evaluation. The first step is to determine whether there are cultural heritage resources that could be impacted. The most accurate means for making this determination is by retaining qualified persons to research the potential presence of cultural heritage resources.</p> <p>Alternatively, someone who is not a qualified person can determine whether or not there may be the potential for an area to contain cultural heritage resources.</p> <p>The following documents have been developed by MHSTCI to assist the non-specialists:</p> <ul style="list-style-type: none"> • Criteria for Evaluating Archaeological Potential: http://www.forms.ssb.gov.on.ca/mbs/ssb/forms/ssbforms.nsf/GetFileAttach/021-0478E~3/\$File/0478E.pdf • Criteria for Evaluating Marine Archaeological Potential: http://www.forms.ssb.gov.on.ca/mbs/ssb/forms/ssbforms.nsf/GetFileAttach/021-0503E~1/\$File/0503E.pdf • Criteria for Evaluating Potential for Built Heritage and Cultural Heritage Landscapes: http://www.forms.ssb.gov.on.ca/mbs/ssb/forms/ssbforms.nsf/GetFileAttach/021-0500E~1/\$File/0500E.pdf 				
Karla Barboza, Team Lead(A), Heritage Heritage Planning Unit Programs and Services Branch Ministry of Heritage, Sport, Tourism and Culture Industries 401 Bay Street, Suite 1700 Toronto ON M7A 0A7	Prefers electronic/ email copy	T: 416-314 7120 karla.barboza@ontario.ca	Receives the initial circulations for all individual and site-specific Class EAs for all regions of the province. The Team Lead will assign to a Heritage Planner for review. EA matters of province-wide significance (including Parent Class EAs and Environmental Assessment policies and guidelines).	Included because of being an individual class EA.

Name, Position, Agency and Address	Document Form	Phone, Fax and Email	Types of EA Projects to be Circulated	Included or Excluded from EA and Rationale
Heritage Planners: Site-specific individual and Class EA projects – Heritage Planners review site-specific EAs impacts on cultural heritage resources.				
Vacant, Heritage Planner. Contact Karla Barboza Heritage Planning Unit Programs and Services Branch Ministry of Heritage, Sport, Tourism and Culture Industries 401 Bay Street, Suite 1700 Toronto ON M7A 0A7	Prefers electronic/ email copy	Contact Karla Barboza: karla.barboza@ontario.ca	Contact Karla Barboza as initial step prior to circulating documents. All individual and site-specific Class EAs for South-western Ontario which covers upper- and single-tier municipalities from Grey, Wellington, Waterloo, Brant and Norfolk, westward, plus Northern Ontario (Kenora, Rainy River, Thunder Bay, Cochrane Algoma).	Included because of involving the municipality of Norfolk.
Laura Hatcher, Heritage Planner Heritage Planning Unit Programs and Services Branch Ministry of Heritage, Sport, Tourism and Culture Industries 401 Bay Street, Suite 1700 Toronto ON M7A 0A7	Prefers electronic/ email copy	T: 437-239-3404 laura.e.hatcher@ontario.ca	Contact Karla Barboza as initial step prior to circulating documents. All individual and site-specific Class EAs in Central Ontario, which covers upper- and single-tier municipalities of: Hamilton, Halton, Niagara, Peel, Dufferin; Durham, York, Toronto, Simcoe, Muskoka, Kawartha Lakes, Haliburton, Peterborough and Northumberland.	Not included because the proposed project is not in this area.
Dan Minkin, Heritage Planner Heritage Planning Unit Programs and Services Branch Ministry of Heritage, Sport, Tourism and Culture Industries 401 Bay Street, Suite 1700 Toronto ON M7A 0A7	Prefers electronic/ email copy	T: 416-786-7553 dan.minkin@ontario.ca	Contact Karla Barboza as initial step prior to circulating documents. All individual and site-specific Class EAs in Central Ontario, which covers upper- and single-tier municipalities of: Hamilton, Halton, Niagara, Peel, Dufferin; Durham, York, Toronto, Simcoe, Muskoka, Kawartha Lakes, Haliburton, Peterborough and Northumberland.	Not included because the proposed project is not in this area.
Joseph Harvey, Heritage Planner(A) Heritage Program Unit Programs and Services Branch Ministry of Heritage, Sport, Tourism and Culture Industries 401 Bay Street, Suite 1700 Toronto ON M7A 0A7	Prefers electronic/ email copy	T: 613-242-3743 joseph.harvey@ontario.ca	Contact Karla Barboza as initial step prior to circulating documents. All individual and site-specific Class EAs in Eastern Ontario which covers upper- and single-tier municipalities from Hastings, east to the Quebec boarder, as well as Renfrew, Parry Sound and Nipissing.	Not included because the proposed project is not in this area.
Tourism Policy and Research Branch The Tourism Policy and Research Branch (TPRB) is responsible for advancing Ontario's tourism sector by: <ul style="list-style-type: none"> • Supporting government policies, regulations and strategies that provide the right framework for tourism development; • Providing research to identify the trends, strengths, weaknesses, challenges and opportunities of tourism development in Ontario; • Providing strategic northern tourism policy and planning advice, including promoting activities that protect, diversify and enhance tourism interests on lands and waters in Northern Ontario; • Supporting regional tourism including the effective operation of Regional Tourism Organizations; • Providing support to tourism stakeholders across the province. 				
James (Jim) Antler, Policy Advisor Tourism Policy Unit Tourism Policy and Research Branch Ministry of Heritage, Sport, Tourism and Culture Industries 447 McKeown Avenue, Suite 203 North Bay ON P1B 9S9	Prefers electronic	T: 705-493-0880 james.antler@ontario.ca	All Parent Class EAs, Class EAs and individual EAs of province-wide or high-level of significance (e.g. inter-provincial bridges), EA policies and guidelines, and site-specific EAs pertaining to all regions of the Province.	Not included because of the EA not being province-wide or high-level of significance.

Name, Position, Agency and Address	Document Form	Phone, Fax and Email	Types of EA Projects to be Circulated	Included or Excluded from EA and Rationale
Sport, Recreation and Community Programs Division				
Sport, Recreation and Community Programs Division Policy Branch: Neil Coburn, Director(A) 777 Bay Street, 18th Floor Toronto ON M7A 1S5 Policy Unit: Ray Dempster, Manager Bob Freeman, Senior Policy Advisor	2 copies	Neil: 416-518-6319 neil.coburn@ontario.ca Ray: 647-527-9070 ray.dempster@ontario.ca Bob: 416-809-4280 bob.freeman@ontario.ca	All Parent Class EAs, Class EAs and individual EAs that relate to trails, parkland, and open space that support sport and recreation in Ontario.	Not included because the proposed project is not related to trails, parkland and open space that support recreation in Ontario.
Ministry of Indigenous Affairs				
Ministry of Indigenous Affairs 160 Bloor St E, 9 th Floor Toronto ON M7A 2E6	Contact MECP to determine if the Ministry of Indigenous Affairs should be notified	Contact the Ministry of the Environment, Conservation and Parks to determine if the Ministry of Indigenous Affairs should be notified	Projects that have the potential to impact Aboriginal or treaty rights and/or have a significant Indigenous component.	Included because of potential to have significant Indigenous component after confirming with MECP.
Ministry of Municipal Affairs and Housing				
Ontario Growth Secretariat				
Jeff Thompson, Manager(A), Growth Policy Growth Program Policy and Delivery Unit Ontario Growth Secretariat, Ministry of Municipal Affairs and Housing 777 Bay Street, 23 rd Floor, Suite 2304 Toronto ON M5G 2E5	Contact both Jeff and Stewart via email first	T: 416-325-6282 & 416-325-1578 jeff.thompson@ontario.ca	Interested in EAs in the Greater Golden Horseshoe region.	Included because the EA is within the Greater Golden Horseshoe region. Note that this contact has been replaced by Susan Healey. Then removed from consultation at request of Susan Healey.
Stewart Chisholm, Manager(A), Growth Policy Ontario Growth Secretariat Ministry of Municipal Affairs and Housing 777 Bay St., 23 rd Floor Toronto ON M5G 2E5		T: 437-225-0331 stewart.chisholm@ontario.ca		
Regional Offices				
Regional Offices: Should be circulated individual and Class EA projects that have one or more of the following:				
<ul style="list-style-type: none"> • a municipal proponent; • relate to municipal servicing; and/or • have federal involvement. 				
Maya Harris, Manager Community Planning and Development (East) Central Municipal Services Office Ministry of Municipal Affairs and Housing 13th Floor, 777 Bay Street Toronto ON M5G 2E5	Electronic copy	T: 437-776-8447 F: 416-585-6882 maya.harris@ontario.ca	Projects meeting above criteria in upper- and single-tier municipalities of Durham, Toronto, Muskoka, Simcoe, and York.	Not included because the proposed project does not have any of the above three noted criteria.
Heather Watt, Manager Community Planning and Development (West) Central Municipal Services Office Ministry of Municipal Affairs and Housing 13th Floor, 777 Bay Street Toronto ON M5G 2E5	Electronic copy	T: 437-232-9474 heather.watt@ontario.ca	Projects meeting above criteria in upper- and single-tier municipalities of Halton, Hamilton, Toronto, Niagara and Peel.	Included at request of MECP and possible federal involvement. Sent from Heather to Michelle Knieriem.
Michael Elms, Manager Community Planning and Development	1 hard copy	T: 613-545-2132 F: 613-548-6822	Projects meeting above criteria in upper- and single-tier municipalities of Northumberland and City of Kawartha	Not included because the proposed project does not have any of the above three noted criteria.

Name, Position, Agency and Address	Document Form	Phone, Fax and Email	Types of EA Projects to be Circulated	Included or Excluded from EA and Rationale
Eastern Municipal Services Office Ministry of Municipal Affairs and Housing 8 Estate Lane, Rockwood House Kingston ON K7M 9A8		michael.elms@ontario.ca	Lakes eastward, including the Ottawa and Kingston areas to the Quebec border.	
Anna Little, Manager Community Planning and Development Northern Municipal Services Office – Sudbury Ministry of Municipal Affairs and Housing 159 Cedar Street, Suite 401 Sudbury ON P3E 6A5	Prefer electronic version via email	T: 705-564-6802 anna.little@ontario.ca	Projects meeting above criteria in upper- and single-tier municipalities of Algoma, Cochrane, Manitoulin, Nipissing, Parry Sound, Sudbury, and Timiskaming including Sault Ste. Marie and North Bay areas.	Not included because the proposed project does not have any of the above three noted criteria.
Victoria Kosny, Manager Community Planning and Development Northern Municipal Services Office – Thunder Bay Ministry of Municipal Affairs and Housing 435 James Street South, Suite 223 Thunder Bay ON P7E 6S7	Prefers electronic version	T: 807-473-3025 F: 807-475-1196 victoria.kosny@ontario.ca	Projects meeting above criteria in upper-tier and single-tier municipalities and within planning board jurisdictions of Kenora, Rainy River and Thunder Bay.	Not included because the proposed project does not have any of the above three noted criteria.
Erick Boyd, Manager Community Planning and Development Western Municipal Services Office Ministry of Municipal Affairs and Housing 659 Exeter Road, 2nd Floor London ON N6E 1L3	1 hard copy	T: 519-873-4025 F: 519-873-4018 erick.boyd@ontario.ca	Projects meeting above criteria in upper- and single-tier municipalities of Haldimand, Brant, Waterloo, Wellington, Norfolk, Bruce, Dufferin, Huron, Perth, Lambton, Essex, Chatham-Kent, Oxford, Elgin, Middlesex, and Grey including Kitchener, London and Windsor areas.	Not included because the proposed project does not have any of the above three noted criteria.
Infrastructure Ontario				
Joanna Brown, Environmental Specialist Infrastructure Ontario 14 Gable Lane Kingston ON K7M 9A7	Electronic Version Only	T: 343-302-7392 joanna.brown@infrastructureontario.ca	Projects where lands required for the undertaking are managed by Infrastructure Ontario (which are lands held by the Ministry of Government and Consumer Services in right of Her Majesty the Queen) or are adjacent to lands managed by Infrastructure Ontario. Responsibility and ownership of the General Real Estate Portfolio is now under MGCS but title to most properties has not been updated across the province. Any projects with title related to MOI or MGCS (or also MEDJCT) should be circulated to IO.	Not included because not on or near lands managed by Infrastructure Ontario.
Ainsley Davidson, Director Land Use Planning Infrastructure Ontario 1 Dundas St. W., Suite 2000 Toronto ON M5G 1Z3	Electronic version only	T: 647.264.3605 ainsley.davidson@infrastructureontario.ca cc: noticereview@infrastructureontario.ca		Not included because not on or near lands managed by Infrastructure Ontario.
Mr. Ramsen Yousif, Portfolio and Leasing Analyst Infrastructure Ontario 1 Dundas St. W., Suite 2000 Toronto ON M5G 1Z3	Electronic version only	T: 647-264-4705 ramsen.yousif@infrastructureontario.ca cc: noticereview@infrastructureontario.ca		Not included because not on or near lands managed by Infrastructure Ontario.
Ministry of Natural Resources and Forestry				
Keith Johnston, Environmental Planning Team Lead(A) Strategic and Indigenous Policy Branch, Policy Division Ministry of Natural Resources and Forestry Whitney Block Rm 5520 99 Wellesley St W Toronto ON M7A 1W3	2 hard copies	T: 705-313-6960 keith.johnston@ontario.ca	For 'Parent' Class EAs, exemptions and activities of provincial wide application.	Not included because of not being a Parent Class EA or province wide.

Name, Position, Agency and Address	Document Form	Phone, Fax and Email	Types of EA Projects to be Circulated	Included or Excluded from EA and Rationale
<p>Regional and District Offices: Circulate all individual and Class EAs to the relevant district office(s) with a letter requesting the documents be reviewed and send a copy of cover letter to Regional Office. If project impacts more than one district, also send EA document to Regional office.</p> <p>For District boundaries, please visit the Crown Land Use Policy Atlas: http://www.gisapplication.lrc.gov.on.ca/CLUPA/Index.html?site=CLUPA&viewer=CLUPA&locale=en-US</p> <ol style="list-style-type: none"> 1. In the search bar to the top right, search for the Township that the project is within 2. On the left side, the Township should come up. Click on it 3. Click on the Map Layers tab 4. Click on Select Map Layers 5. Tick off MNRF District – the district should appear in the highlighted township on the map 				
<p>Southern Region Ministry of Natural Resources and Forestry 300 Water Street, Box 7000 4th Floor, South Tower Peterborough ON K9J 8MS Attn: Ruth Lindenburger, Land Use Planning Supervisor, & Kelly Belshaw, Regional Planning Coordinator</p>	<p>Prefers electronic version of reports and notifications</p>	<p>T: 705-313-0391 ruth.lindenburger@ontario.ca T: 705-772-9329 kelly.belshaw@ontario.ca</p>	<p>Copy of cover letter only for all individual or Class EAs entirely within one District.</p> <p>All individual EAs and Class EAs which occur in two or more of the following Districts: Aurora, Aylmer, Bancroft, Guelph, Kemptville, Midhurst, Pembroke, Parry Sound, Peterborough, and Algonquin Park.</p>	<p>Not included because the proposed project is not in the District listed.</p>
<p>Aurora District Ministry of Natural Resources and Forestry 50 Bloomington Road Aurora ON L4G 0L8 Attn: Maria Jawaid, District Planner</p>	<p>1 hard copy & 1 electronic copy</p>	<p>T: 289-380-6817 F: 905-713-7360 maria.jawaid@ontario.ca</p>	<p>All individual EAs and Class EAs in District which covers upper- and single-tier municipalities of Halton, Toronto, York, Peel and Durham.</p>	<p>Not included because the proposed project is not in the District listed.</p>
<p>Aylmer District Ministry of Natural Resources and Forestry 615 John St. N Aylmer ON N5H 2S8 Attn: Karina Cerniavskaja, District Planner</p>	<p>Prefer electronic version and notifications</p>	<p>T: 519--200-2276 karina.cerniavskaja@ontario.ca</p>	<p>All individual EAs and Class EAs in District which covers upper- and single-tier municipalities of London, Norfolk, Oxford, Middlesex, Lambton, Chatham-Kent, Essex County, County of Elgin and Windsor areas.</p>	<p>Not included because the proposed project is not in the District listed.</p>
<p>Bancroft District Ministry of Natural Resources and Forestry 106 Monck St, PO Box 500 Bancroft ON K0L 1C0 Attn: Planner</p>	<p>2 hard copies</p>	<p>T: 705-772-0085 F: 705-755-3125 elizabeth.spang@ontario.ca T: 705-772-9012 F: 705-755-3125 catherine.warren@ontario.ca</p>	<p>All individual EAs and Class EAs in District which covers upper- and single-tier municipalities of Haliburton and the northern-halves of Peterborough, Hastings, Lennox and Addington and Frontenac.</p>	<p>Not included because the proposed project is not in the District listed.</p>
<p>Guelph District Ministry of Natural Resources and Forestry 615 John St. N Aylmer ON N5H 2S8 Attn: Karina Cerniavskaja, District Planner</p>	<p>Prefers electronic version of reports and notifications</p>	<p>T: 519-200-2276 karina.cerniavskaja@ontario.ca</p>	<p>All individual EAs and Class EAs which covers upper- and single-tier municipalities of Huron, Perth, Waterloo Region, Brant County, Brantford, Guelph, Wellington County, Hamilton, Niagara Region, and Haldimand County.</p>	<p>Included because the proposed project is located in Haldimand County.</p>
<p>Kemptonville District Ministry of Natural Resources and Forestry 31 Riverside Dr. Pembroke ON K8A 6X4 Attn: Scott Lee, Resources Operations Supervisor</p>	<p>Prefer electronic version of reports and notifications</p>	<p>T: 613-292-4884 or 613-258-8230 scott.lee@ontario.ca</p>	<p>All individual EAs and Class EAs in District which covers upper- and single-tier municipalities of Leeds & Grenville, Lanark and Ottawa eastward, including Stormont, Dundas, Glengarry, Prescott and Russell.</p>	<p>Not included because the proposed project is not in the District listed.</p>

Name, Position, Agency and Address	Document Form	Phone, Fax and Email	Types of EA Projects to be Circulated	Included or Excluded from EA and Rationale
Midhurst District Ministry of Natural Resources and Forestry 2284 Nursery Road Midhurst ON L9X 1N8 Attn: Kim Benner, District Planner, & Ken Mott, District Planner	1 hard copy and 1 digital copy	Kim: T: 249-288-4563 kim.benner@ontario.ca Ken: T: 289-288-4624 ken.mott@ontario.ca	All individual EAs and Class EAs in District which covers upper- and single-tier municipalities of Grey, Bruce, Simcoe and Dufferin (except East Luther – MNRF Guelph).	Not included because the proposed project is not in the District listed.
Parry Sound District Ministry of Natural Resources and Forestry 7A Bay St Parry Sound ON P2A 1S4 Attn: Jaclyn Brown, District Planner	Prefers electronic version of reports and notifications	T: 705-346-0224 jaclyn.brown@ontario.ca	All individual EAs and Class EAs in District which covers upper- and single-tier municipalities of Parry Sound and Muskoka. Part coverage of the County of Haliburton (McClintock, Livingstone, Havelock and Sherborne Townships).	Not included because the proposed project is not in the District listed.
Pembroke District Ministry of Natural Resources and Forestry 31 Riverside Drive Pembroke ON K8A 8R6 Attn: Kristen Wagner, District Planner	Prefers electronic version of reports and notifications	T: 613-732-3661 MNRF.PEM@ontario.ca	All individual EAs and Class EAs in District which covers Renfrew County.	Not included because the proposed project is not in the District listed.
Peterborough District Ministry of Natural Resources and Forestry 300 Water St, South Tower, 1st Floor Peterborough ON K9J 8M5 Attn: Elizabeth Spang, District Planner (Peterborough Area)	Prefer electronic version and notifications	T: 705-772-0085 F: 705-755-3125 elizabeth.spang@ontario.ca	All individual EAs and Class EAs in District which covers upper-, lower- and single-tier municipalities Prince Edward County, Kawartha Lakes, Northumberland and the southern halves of Peterborough, Hastings, Lennox and Addington and Frontenac.	Not included because the proposed project is not in the District listed.
Peterborough District Ministry of Natural Resources and Forestry South Tower, 1st Floor 300 Water St, PO Box 7000 Peterborough ON K9J 8M5 Attn: Catherine Warren, District Planner (Kingston Area)	Prefer electronic version and notifications	T: 705-772-9012 F: 705-755-3125 catherine.warren@ontario.ca	All individual EAs and Class EAs in District which covers upper-, lower- and single-tier municipalities Prince Edward County, Kawartha Lakes, Quinte West, Belleville, Northumberland and the southern halves of Peterborough County, Hastings, Lennox and Addington, Frontenac, and City of Kingston.	Not included because the proposed project is not in the District listed.
Northwest Regional Resources Section Ministry of Natural Resources and Forestry Ontario Government Building 435 James Street South Thunder Bay ON P7E 6S7 Attn: Carrie Hutchison, Regional Planning Coordinator	Prefer electronic version of cover letter	T: 807-629-7583 F: 807-473-3023 carrie.hutchison@ontario.ca	Copy of covering letter only for all individual EAs entirely within one District. All individual or Class EAs for projects which occur in two or more of the following Districts: Dryden, Fort Frances, Kenora, Nipigon, Red Lake, Sioux Lookout and Thunder Bay.	Not included because the proposed project is not in the Districts listed.
Dryden District Ministry of Natural Resources and Forestry Box 730, 479 Government Road (Hwy. 17) Dryden ON P8N 2Z4 Attn: Catherine Dashnay, A/District Planner	1 hard copy, 1 electronic copy	T: 807-223-7516 F: 807-223-2824 catherine.dashnay@ontario.ca	All individual and Class EAs in District. For district boundaries in Northern Ontario consult: http://www.mnr.gov.on.ca/en/ContactUs/1ColumnSubPage/STEL02_179001.html . To compare to municipal boundaries use Crown Land Use Policy Atlas – http://crownlanduseatlas.mnr.gov.on.ca/ .	Not included because the proposed project is not in the Districts listed.

Name, Position, Agency and Address	Document Form	Phone, Fax and Email	Types of EA Projects to be Circulated	Included or Excluded from EA and Rationale
Fort Frances District Ministry of Natural Resources and Forestry 922 Scott Street Fort Frances ON P9A 1J4 Attn: Christine Kent, Operations Supervisor	Prefer electronic version and notifications	T: 807-274-8632 F: 807-274-4438 christine.kent@ontario.ca	All individual EAs and Class EA in District.	Not included because the proposed project is not in the District listed.
Kenora District Ministry of Natural Resources and Forestry 808 Robertson Street, Box 5080 Kenora ON P9N 3X9 Attn: Abby Anderson, Operations Supervisor	Prefer electronic version and notifications	T: 807-468-2556 F: 807-468-2736 abby.anderson@ontario.ca	All individual EAs and Class EA in District.	Not included because the proposed project is not in the District listed.
Nipigon District Ministry of Natural Resources and Forestry Ontario Government Building 5 Wadsworth Dr., PO Box 970 Nipigon ON P0T 2J0 Attn: Kimberly McNaughton, District Planner	1 hard copy 1 electronic copy	T: 807-887-5113 F: 807-887-2993 kimberly.mcnaughton@ontario.ca	All individual EAs and Class EA in District.	Not included because the proposed project is not in the District listed.
Red Lake District Ministry of Natural Resources and Forestry 227 Howey Street, PO Box 5003 Red Lake ON P0V 2M0 Attn: Tanna Gurski, District Planner	1 hard copy	T: 807-727-1338 F: 807-727-2861 tanna.gurski@ontario.ca	All individual EAs and Class EA in District.	Not included because the proposed project is not in the District listed.
Sioux Lookout District Ministry of Natural Resources and Forestry 49 Prince Street, Box 309 Sioux Lookout ON P8T 1A6 Attn: Jason Suprovich, District Planner, & Shawn Burke, Operations Supervisor	2 hard copies	Jason: T: 807-737-5037 F: 807-737-1813 jason.suprovich@ontario.ca Shawn: T: 807-737-5051 shawn.burke@ontario.ca	All individual EAs and Class EA in District.	Not included because the proposed project is not in the District listed.
Thunder Bay District Ministry of Natural Resources and Forestry Ontario Government Building 435 James Street South, Suite B001 Thunder Bay ON P7E 6E3 Attn: Emily Hawkins, Operations Supervisor	Prefer electronic version and notifications	T: 807-475-1448 F: 807-475-1527 emily.hawkins@ontario.ca	All individual EAs and Class EA in District.	Not included because the proposed project is not in the District listed.
Northeast Region Ministry of Natural Resources and Forestry 5520 Hwy #101 East, Postal Bag 3020 South Porcupine ON P0N 1H0 Attn: Justin Standeven, Regional Planning Coordinator	Prefers electronic version and notifications	T: 705-235-1172 F: 705-235-1246 justin.standeven@ontario.ca	Copy of covering letter only for all individual EAs entirely within one District. All individual EAs and Class EAs for projects which occur in two or more of the following Districts: Chapleau, Cochrane, Hearst, Kirkland Lake, North Bay, Sault Ste. Marie, Sudbury, Timmins and Wawa.	Not included because the proposed project is not in the District listed.
Chapleau District Ministry of Natural Resources and Forestry 190 Cherry Street Chapleau ON P0M 1K0 Attn: Tim Mutter, District Planner	2 hard copies	T: 705-864-3139 F: 705-864-0681 tim.mutter@ontario.ca	All individual EAs and Class EAs in District. For district boundaries in Northern Ontario consult: http://www.mnr.gov.on.ca/en/ContactUs/1ColumnSubPage/STEL02_179001.html . To compare to municipal boundaries use Crown Land Use Policy Atlas – http://crownlanduseatlas.mnr.gov.on.ca/ .	Not included because the proposed project is not in the District listed.

Name, Position, Agency and Address	Document Form	Phone, Fax and Email	Types of EA Projects to be Circulated	Included or Excluded from EA and Rationale
Cochrane District Ministry of Natural Resources and Forestry 2-4 Hwy 11S Cochrane ON P0L 1C0 Attn: Robin Stewart, District Planner	2 hard copies	T: 705-272-7111 F: 705-272-7183 robin.stewart@ontario.ca	All individual EAs and Class EA in District.	Not included because the proposed project is not in the District listed.
Hearst District Ministry of Natural Resources and Forestry 631 Front Street, Box 670 Hearst ON P0L 1N0 Attn: Jack Van Gemeren, District Planner	2 hard copies and one electronic copy	T: 705-337-2223 jack.vangemeren@ontario.ca	All individual EAs and Class EA in District.	Not included because the proposed project is not in the District listed.
Kirkland Lake District Ministry of Natural Resources and Forestry 10 Government Road East, PO Box 910 Kirkland Lake ON P2N 3K4 Attn: Rick Gordon, District Planner(A) Shaun Walker, Operations Supervisor	1 hard copy and 1 electronic copy	Rick: T: 705-568- 3231 F: 705-568-3200 rick.gordon@ontario.ca Shawn: T: 705-568-3201 Shaun.walker@ontario.ca	All individual EAs and Class EA in District.	Not included because the proposed project is not in the District listed.
North Bay District Ministry of Natural Resources and Forestry 3301 Trout Lake Road North Bay ON P1A 4L7 Attn: Julie Robinson, District Planner	1 electronic copy	T: 705-475-5546 F: 705-475-5500 julie.robinson@ontario.ca	All individual EAs and Class EA in District, which is generally the District of Nipissing and North to the Town of New Liskeard.	Not included because the proposed project is not in the District listed.
Sault Ste. Marie District Ministry of Natural Resources and Forestry 64 Church Street Sault Ste. Marie ON P6A 6V5 Attn: Marjorie Hall, District Planner	1 hard copy and 1 electronic copy	T: 705-941-5127 F: 705-949-6450 marjorie.hall@ontario.ca	All individual EAs and Class EA in District which is roughly southern half of Algoma.	Not included because the proposed project is not in the District listed.
Sudbury District Ministry of Natural Resources and Forestry 3767 Hwy 69 S., Suite 5 Sudbury ON P3G 1E7 Attn: Julie McFarling, District Planner	Prefer electronic version and notifications	T: 705-564-7876 F: 705-564-7879 julie.mcfarling@ontario.ca	All individual EAs and Class EA in District which is roughly southern half of Sudbury District.	Not included because the proposed project is not in the District listed.
Timmins District Ministry of Natural Resources and Forestry Ontario Government Complex 5520 Hwy. 101 E, PO Bag 3090 South Porcupine ON P0N 1H0 Attn: Andrea Ellis Nsiah, District Planner Tuovi Haapakoski, Operations Supervisor	2 hard copies	Andrea: T: 705-235-1383 F: 705-235-1377 andrea.ellishnsiah@ontario.ca Tuovi: T: 705-235-1316 tuovi.haapakoski@ontario.ca	All individual EAs and Class EA in District.	Not included because the proposed project is not in the District listed.
Wawa District Ministry of Natural Resources and Forestry 48 Mission Road, PO Box 1160 Wawa ON P0S 1K0 Attn: Tricia Young, District Planner	2 hard copies	T: 705-856- 4726 F: 705-856- 7511 tricia.young@ontario.ca	All individual EAs and Class EA in District.	Not included because the proposed project is not in the District listed.

Name, Position, Agency and Address	Document Form	Phone, Fax and Email	Types of EA Projects to be Circulated	Included or Excluded from EA and Rationale
Ministry of the Solicitor General				
Robert Greene, Director Ministry of the Solicitor General 25 Grosvenor Street, 13 th Flr Toronto ON M7A 1Y6	Downloading preferred	T: 416-277-2370 robert.greene@ontario.ca	Contact to see if they have an interest in the EA.	Included because we reached out several times to confirm interest but have yet to receive a reply.
Ministry of Transportation				
Dawn Irish, Manager Environmental Policy Office Transportation Planning Branch Ministry of Transportation Garden City Tower 2nd Flr., 301 St. Paul St. St. Catharines ON L2R 7R4	Prefer electronic copies	T: 905-380-5196 F: 905-704- 2007 dawn.irish@ontario.ca Include a copy for Ramona Afante: ramona.afante@ontario.ca	Parent Class EAs & individual EAs for Network Plans of provincial interest.	Not included because the proposed project is not a Parent Class EA and the Individual EA is not for Network Plans of provincial interest.
Regional Offices: The relevant offices should be circulated all individual and Class EAs that are transportation projects or are located within 400 metres of a provincial highway plus those that are located outside built-up areas that involve any of the following: a) potential for creation of more than a minimal change in traffic volumes/patterns; b) requirement for direct access to a provincial transportation facility; or c) requirement for access roads to areas where there were previously no roads.				
Michael Nadeau, Manager Engineering Program Delivery West Design and Engineering Branch Ministry of Transportation 659 Exeter Road, 4th Floor London ON N6E 1L3	2 hard copies	T: 519-873-4373 C: 226-688-4799 michael.nadeau@ontario.ca	Projects meeting above criteria in upper- or single-tier municipalities of Waterloo, Haldimand, Norfolk, Brant, Oxford, Perth, Wellington, Dufferin, Bruce, Huron, Grey, Elgin, Middlesex, Lambton, Chatham-Kent and Essex.	Does not meet the above criteria but included at request of MECP.
Jason White, Manager Engineering Program Delivery Central Design and Engineering Branch Ministry of Transportation 159 Sir William Hearst Ave., 5th Floor, Building D Toronto ON M3M 0B7	2 hard copies	T: 416-235-5575 F: 416-235-3436 jason.white@ontario.ca	Projects meeting above criteria in upper- or single-tier municipalities of Hamilton, Niagara, Halton, Peel, Toronto, York, Simcoe and Durham.	Does not meet the above criteria but included at request of MECP.
Peter Makula, Manager Engineering Program Delivery East Design and Engineering Branch Ministry of Transportation 1355 John Counter Blvd, Postal Bag 4000 Kingston ON K7L 5A3	2 hard copies (if electronic available, 1 hard copy and 1 electronic version)	T: 613-329-5523 F: 613-540-5103 peter.makula@ontario.ca	Projects meeting above criteria in upper- or single-tier municipalities of Northumberland, Kawartha Lakes and Haliburton eastward including Peterborough, Kingston and Ottawa areas.	Not included because the proposed project does not meet the above criteria.
John Fraser, Manager-North Bay Engineering Program Delivery Northeast Design and Engineering Branch Ministry of Transportation Ontario Government Complex 447 McKeown Ave. North Bay ON P1B 9S9	Electronic only	T: 705-497-5462 C: 705-471-8732 john.fraser3@ontario.ca	Projects meeting above criteria in upper-tier municipalities of Muskoka, Parry Sound, Nipissing, Timiskaming, Cochrane, and Algoma including Sudbury, Sault Ste. Marie, North Bay and Timmins areas	Not included because the proposed project does not meet the above criteria.
Gary Weiss, Manager(A) Engineering Program Delivery Northwest Design and Engineering Branch Ministry of Transportation 615 James St. S., 2 nd Flr Thunder Bay ON P7E 6P6	Electronic copy	T: 807-624-8883 gary.weiss@ontario.ca	Projects meeting above criteria in upper-tier municipalities of Thunder Bay, Kenora and Rainy River.	Not included because the proposed project does not meet the above criteria.

Name, Position, Agency and Address	Document Form	Phone, Fax and Email	Types of EA Projects to be Circulated	Included or Excluded from EA and Rationale
FEDERAL AGENCIES				
Impact Assessment Agency of Canada				
Anjala Puvananathan, Regional Director Ontario Regional Office Impact Assessment Agency of Canada 55 York Street, Suite 600 Toronto ON M5J 1R7	Electronic (USB) version preferred	Switchboard T: 416-952-1576 iaac.ontarioregion-regionontario.aeic@canada.ca Anjala Puvananathan: T: 416-952-1576 anjala.puvananathan@canada.ca	Contact must be initiated during proponent's pre-submission consultation with provincial and federal bodies. The Impact Assessment Agency of Canada (the Agency) manages the federal assessment process for designated projects that may require an assessment under the <i>Impact Assessment Act</i> (IAA). Any individual project that matches the description of a project type and meets or exceeds the established threshold set out in the <i>Physical Activities Regulations</i> (also known as the Project List) would be a <i>designated project</i> and would be subject to IAA. Under IAA, the proponent must provide the Agency with an initial project description if it is captured in the Project List. The project types in the Project List include national parks and protected areas; defence; mines and metal mills; nuclear facilities, including certain storage and long-term management or disposal facilities; oil, gas, and other fossil fuels; electrical transmission lines and pipelines; renewable energy; transport; hazardous waste; and water projects. For more information about IAA, please access the following link: https://www.canada.ca/en/impact-assessment-agency.html . If it appears that IAA applies to the proposed project, the proponent should contact the Agency switchboard at 416-952-1576.	Not included as proposed project does not meet the supplied criteria.
Canadian Nuclear Safety Commission				
Nana Kwamena, Director Environmental Assessment Division Canadian Nuclear Safety Commission 280 Slater Street PO Box 1046, Station B Ottawa ON K19 5S9	None	T: 613-992-7231 Work from home #: 343-543-6760 F: 613-995-5086 nana-owusua.kwamena@canada.ca	All EAs related to nuclear facilities and/or operations.	Not included as proposed project is not related to a nuclear facility.
CN Rail				
Michael Vallins, Manager Public Works CN Rail 1 Administration Road Concord ON L4K 1B9	1 hard copy	T: 905-669-3264 michael.vallins@cn.ca	Projects affecting railway lines. Technical advice and information only	Not included as proposed project is not near railway lines.
Environment and Climate Change Canada				
Wes Plant, Manager Environmental Assessment Section Environmental Protection Branch – Ontario Region Environment and Climate Change Canada 4905 Dufferin St. Downsview ON M3H 5T4	Electronic (USB or download) version preferred	T: 416-739-4272 wesley.plant@canada.ca	All individual EAs and Parent Class EAs (particularly those affecting an area of federal interest or responsibility), and only Class EAs or other streamlined EAs that also could fall under the Impact Assessment Act.	Included.

Name, Position, Agency and Address	Document Form	Phone, Fax and Email	Types of EA Projects to be Circulated	Included or Excluded from EA and Rationale
Fisheries and Oceans Canada				
Information about projects near water, and a self-assessment process for determining if DFO review is required, is found at: http://www.dfo-mpo.gc.ca/pnw-ppe/index-eng.html Contact information for DFO by province: http://www.dfo-mpo.gc.ca/pnw-ppe/contact-eng.html	Consult DFO (if DFO review required)	See first column	Any EAs which may cause serious harm to fish. The <i>Fisheries Act</i> requires that projects avoid causing serious harm to fish unless authorized by the Minister of Fisheries and Oceans Canada. Serious harm to fish is defined in the <i>Fisheries Act</i> as “the death of fish or any permanent alteration to, or destruction of, fish habitat.” This applies to work being conducted in or near waterbodies that support fish that are part of or that support a commercial, recreational or Indigenous fishery. An authorization from DFO under the <i>Fisheries Act</i> may be required. The need for EA circulation to DFO should be determined following the steps in the link provided at left.	Included
Health Canada				
Impact Assessment Program – Ontario Region Regulatory Operations & Regions Branch Health Canada 180 Queen St. W Toronto ON M5V 3L7	1 electronic copy via email	hc.ia-on-ie-on.sc@canada.ca	No contact necessary; the Impact Assessment Agency of Canada will decide if this department needs to be notified of project (for federal impact assessment for projects under the Impact Assessment Act). No regulatory role in provincial environmental assessment process. Provides advice within mandate upon request (e.g., on human health matters not covered by provincial agencies). Expertise may be available on human health risks related to air quality, drinking and recreational water quality, country foods, noise, electric and magnetic fields, and radiation. They also have expertise on human health risk assessment (multimedia toxicology) and health impact assessment (determinants of health) methodology. Letter requesting expert advice should specify scope of project and assessment, the expertise requested, and sections of the EA to be reviewed.	Not included as no federal impact assessment required.
Kitty Ma, Ontario Regional Manager(A) Regulatory Operations & Regions Branch Health Canada 180 Queen St. W Toronto ON M5V 3L7	1 electronic copy via email	T: 416-954-2206 F: 416-952-4444 kitty.ma@canada.ca		Not included as no federal impact assessment required.
Julie Boudreau, Environmental Assessment Specialist Regulatory Operations & Enforcement Branch Health Canada 180 Queen St. W Toronto ON M5V 3L7	1 electronic copy via email	T: 416-973-1273 julie.boudreau3@canada.ca On leave from August 2020 to July 2021		Not included as no federal impact assessment required.
Mr. Dae Y. Lee, Environmental Assessment Specialist Regulatory Operations & Enforcement Branch Health Canada 180 Queen St. W Toronto ON M5V 3L7	1 electronic copy via email	T: 416-954-5021 daeyoung.lee@canada.ca		Not included as no federal impact assessment required.
Indigenous Services Canada and Crown-Indigenous Relations and Northern Affairs Canada				
Aboriginal and Treaty Rights Information System (ATRIS)		http://sidait-atris.aadnc-aandc.gc.ca/atris_online/	ATRIS is a web-based mapping interface that provides information on the location and nature of established and potential Aboriginal and treaty rights. This website can be used to assist proponents in identifying potentially affected Indigenous communities for specific projects.	Reviewed
Indigenous Services Canada (ISC)		https://www.canada.ca/en/indigenous-services-canada.html	Works with partners to improve access to high quality services for First Nations, Inuit and Métis peoples of Canada and improve socio-economic conditions in Indigenous communities.	Included Lina Letiecq, Anne Scotton and Julieta Werner and all requested to be excluded.
Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC)		https://www.canada.ca/en/crown-indigenous-relations-northern-affairs.html	Responsible for managing relations between the Government of Canada and First Nations, Inuit and Métis peoples of Canada, based on a government-to-government relationship model.	Included Lina Letiecq, Anne Scotton and Julieta Werner and all requested to be excluded.

Name, Position, Agency and Address	Document Form	Phone, Fax and Email	Types of EA Projects to be Circulated	Included or Excluded from EA and Rationale
Transport Canada				
<p>Transport Canada does not require receipt of all individual or Class EA related notifications. Proponents are requested to self-assess if their project will interact with a federal property and require approval and/or authorization under any Acts administered by Transport Canada (see list to the right of the most common Acts that Transport Canada administers that have been applied to EA projects).</p> <p>If the proponent has determined that Transport Canada will not provide an approval/or authorization related to their project, Transport Canada is to be removed from the project distribution list.</p>	Electronic copy	EnviroOnt@tc.gc.ca	<p>Contact to see if they have an interest in the EA.</p> <p>Transport Canada does not require receipt of all individual or Class EA related notifications. We are requesting project proponents self-assess if their project:</p> <ol style="list-style-type: none"> 1. Will interact with a federal property and/or waterway by reviewing the Directory of Federal Real Property, available at www.tbs-sct.gc.ca/dfrp-rbif/; and 2. Will require approval and/or authorization under any Acts administered by Transport Canada* available at http://www.tc.gc.ca/eng/acts-regulations/menu.htm. <p>Projects that will occur on federal property prior to exercising a power, performing a function or duty in relation to that project, will be subject to a determination of the likelihood of significant adverse environmental effects, per Section 82 of the <i>Impact Assessment Act, 2019</i>.</p> <p>If the aforementioned does not apply, the Environmental Assessment program should not be included in any further correspondence and future notifications will not receive a response. If there is a role under the program, correspondence should be forwarded <i>electronically</i> to: EnviroOnt@tc.gc.ca with a brief description of Transport Canada's expected role.</p> <p>Summary of most common Acts administered by TC that have applied to projects in an EA context:</p> <ul style="list-style-type: none"> • Canadian Navigable Waters Act (CNWA) – the Act applies primarily to works constructed or placed in, on, over, under, through, or across navigable waters set out under the Act. The Navigation Protection Program administers the CNWA through the review and authorization of works affecting navigable waters. Information about the Program, CNWA and approval process is available at: http://www.tc.gc.ca/eng/programs-621.html. Enquiries can be directed to NPPONT-PPNONT@tc.gc.ca or by calling 519-383-1863. • Railway Safety Act (RSA) – provides the regulatory framework for railway safety, security, and some of the environmental impacts of railway operations in Canada. The Rail Safety Program develops and enforces regulations, rules, standards and procedures governing safe railway operations. Additional information about the Program is available at: https://www.tc.gc.ca/eng/railsafety/menu.htm. Enquiries can be directed to RailSafety@tc.gc.ca or by calling 613-998-2985. • Transportation of Dangerous Goods Act (TDGA) – the transportation of dangerous goods by air, marine, rail and road is regulated under the TDGA. Transport Canada, based on risks, develops safety standards and regulations, provides oversight and gives expert advice on dangerous goods to promote public safety. Additional information about the transportation of dangerous goods is available at: https://www.tc.gc.ca/eng/tdg/safety-menu.htm. Enquiries can be directed to TDG-TMDOntario@tc.gc.ca or by calling 416-973-1868. 	Not included because the proposed project does not include an EA of a transportation corridor.

Name, Position, Agency and Address	Document Form	Phone, Fax and Email	Types of EA Projects to be Circulated	Included or Excluded from EA and Rationale
			<ul style="list-style-type: none"> • Aeronautics Act – Transport Canada has sole jurisdiction over aeronautics, which includes aerodromes and all related buildings or services used for aviation purposes. Aviation safety in Canada is regulated under this Act and the Canadian Aviation Regulations (CARs). Elevated Structures, such as wind turbines and communication towers, would be examples of projects that must be assessed for lighting and marking requirements in accordance with the CARs. Transport Canada also has an interest in projects that have the potential to cause interference between wildlife and aviation activities. One example would be waste facilities, which may attract birds into commercial and recreational flight paths. The Land Use In The Vicinity of Aerodromes publication recommends guidelines for and uses in the vicinity of aerodromes, available at: https://www.tc.gc.ca/eng/civilaviation/publications/tp1247-menu-1418.htm. Enquires can be directed to tc.aviationservicesont-servicesaviationont.tc@tc.gc.ca or by calling 1-800-305-2059 / 416-952-0230. 	
Ottawa International Airport				
Yvon Larochelle, Director of Environmental Services Ottawa International Airport Suite 2500 110 Airport Parkway Private Ottawa ON K1V 9B4	Prefers electronic copy	T: 613-248-2000 Ext.1157 F: 613-248-2003 yvon.larochelle@yow.ca	Projects potentially affecting the Ottawa International Airport.	Not included because the proposed project does not involve the Ottawa International Airport.
Greater Toronto Airport Authority				
Steven Thomas, Manager Environmental Services Greater Toronto Airport Authority Lester B. Pearson International Airport 3111 Convair Drive, PO Box 6031 Mississauga ON L5P 1B2	Prefers electronic copy	T: 416-776-7613 steven.thomas@gtaa.com	Projects potentially affecting Pearson Airport and surrounding area including the 401, 427, 409 and 407, as well as those affecting east Pickering Airport site.	Not included because the proposed project does not involve the Pearson Airport, 401, 427, 409 and 407 as well as the east Pickering Airport site.
MUNICIPALITIES				
<p>It is the proponent's responsibility to distribute all EA-related material to the appropriate contact persons in the relevant departments at the affected lower-, upper- or single-tier municipality or municipalities. The municipality will determine which contacts will respond or if one will respond for all departments (excludes Fire Department, Police Department and School Boards which get their own circulation and provide their own comments or sign-off as they are designates of provincial ministries).</p> <p>The Environmental Assessment Act also requires that all Notices of Terms of Reference submission (section 6(3.3)) and all Notices of EA Submission (section 6.3(3)) be filed with the Clerk of each municipality in which the undertaking is to be carried out, but the Clerk is usually not the person designated by the municipality for providing comments or sign-offs on individual EAs or Class EAs.</p> <p>For a Municipal Directory and more information regarding Ontario municipalities please go to the following web pages: http://www.mah.gov.on.ca/page1591.aspx http://www.amo.on.ca/</p>				Included. Notices provided to City of Hamilton and Haldimand County Clerks.

APPENDIX C

Notice of Commencement

C1 – Notice of Commencement

C2 – Newspaper Advertisements

C3 – Example Emails Sent

C4 – Comments Received and Responses to GRT

C1 – Notice of Commencement

Notice of Commencement of Terms of Reference

Environmental Assessment of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke

Stelco Inc. (“Stelco” or the “Company”) is beginning an Environmental Assessment (EA) under the Ontario *Environmental Assessment Act*, RSO 1990, c. E.18 to expand the Quarry Landfill (the “Site”) at its Lake Erie Works (“LEW”).

The Process

This EA will be carried out in accordance with the requirements of the Ontario *Environmental Assessment Act*, RSO 1990, c. E.18 (Act). The first step of the EA process is the preparation of Terms of Reference (ToR). The ToR will set out the proponent’s framework and work plan for addressing the requirements under the Act when preparing the EA. This would include such things as the alternatives that would be considered and the public consultation activities that will be carried out. If approved by the Minister, the ToR will provide the framework and requirements for the preparation of the EA.

Stelco is proposing to expand the existing Quarry Landfill at LEW to accommodate the on-site disposal of non-hazardous steelmaking secondary materials generated at the facility that cannot be reused or recycled, as well as the potential disposal of historical non-hazardous steel-making secondary materials from its Hamilton Works site (“HW”), located approximately 70 km from the Site. It is estimated that the capacity of the current Quarry Landfill will be reached by the end of 2023. Stelco is currently evaluating re-use and recycling opportunities for the historical non-hazardous secondary materials from HW; however, it is possible that some of these materials may need disposal and will be included in the volume required for the Site expansion. The proposed Site expansion requires approval under the Act and is the reason for this Notice of Commencement. The purpose of the EA is to identify alternatives and study the potential effects of the proposed landfill expansion on the environment.

The Site is located at the Stelco facility in Nanticoke, Ontario. The location of the Site is indicated on the map below:



Consultation

Members of the public, agencies, Indigenous communities and other interested persons are encouraged to actively participate in the planning process by attending consultation opportunities or contacting individuals listed below directly with comments or questions. Consultation opportunities are planned throughout the planning process and will be advertised in local newspapers and through a project-specific website at consultation.stelco.com. Possible consultation events include open house events or virtual open house events depending on the ongoing COVID-19 pandemic restrictions and/or technical bulletins.

For further information on the proposed study, please visit our website (<http://consultation.stelco.com>) or contact:

Trish Edmond, P.Eng.
 EA Manager
 Golder Associates Ltd.
 1931 Robertson Road
 Ottawa, ON, K2H 5B7
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 Manager - Environmental Affairs
 Stelco Inc.
 2330 Haldimand Road 3
 Nanticoke, ON, N0A 1L0
 Telephone: 1-519-587-4541
 E-mail: consultation@stelco.com

Under the *Freedom of Information and Protection of Privacy Act* and the *Environmental Assessment Act*, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter and will be released, if requested, to any person unless you request that your personal information remain confidential. For more information, please contact the Ministry of the Environment, Conservation and Park's Freedom of Information and Privacy Coordinator at 416-314-4075.

C2 – Newspaper Advertisements

Caledonia teachers honoured with national award

By Sheila Phibbs
The Haldimand Press

CALEDONIA—Two Caledonia teachers – Scott Meldrum of River Heights Elementary School (RHES) and Tanya Lacey of McKinnon Park Secondary School (MPSS) – are 2021 recipients of the Loran Scholars Foundation's Teachers Building Leaders Award. The award recognizes teachers who provide early inspiration, guidance, and growth opportunities, encouraging students to see and reach their full potential. They were nominated by former student Blair Crawford, who graduated from MPSS as a Loran Scholar in 2017 and uses they/them pronouns.

Meldrum was unavailable for an interview, but Crawford says he "solidified my understanding of what it meant to be a leader.... He taught me about the crucial interplay between character and leadership." With Meldrum as their teacher in Grade 6 and 7, Crawford learned the importance of standing up for what they believe in, developed communication skills, and was encouraged to engage with all their peers.

Crawford shares that Meldrum offered the class the opportunity to take part in "weekly challenges" – from small fitness endeavours to creating social justice themed posters. Crawford completed every challenge, noting, "My creativity and curiosity were sparked, which allowed me to perceive my skill set in a new light. Mr. Meldrum's focus on personal development, endless encouragement, and continuous positive affirmation of my capabilities helped build my character, commitment to service, and leadership potential."

Tanya Lacey describes herself as a "rare bird" in that she has only taught at one school, having been hired in 2003 on a Long Term Occasional Contract at MPSS. She is

now Assistant Department Head of Canadian and World Studies, Social Sciences, and Humanities. Lacey is a co-advisor for Students' Council and Drama Club and co-coach of the tennis team. She says, "Extra-curriculars meant a lot to me when I attended high school ... so I dedicate a lot of my time to those things."

It was through extra-curriculars that Lacey connected with Crawford. Lacey says, "Blair was just such a pleasure and a force to work with at MPSS. I know that they were an exceptionally hard working student in class, but they just stood out in the extra work that they did for the school." That work included Students' Council and Crawford says, "Mrs. Lacey enhanced my self-image and bolstered my commitment to community service.... She gave a nervous ninth grader the confidence to envision themselves as a valuable member of Students' Council."

Crawford recalls, "As an eager Students' Council Prime Minister in Grade 11, I immediately became swamped in tasks, school-work, and other extra-curricular activities.... Mrs. Lacey pulled me aside to check in on my mental health, a task which was second nature to a caring teacher like herself."

It is because of students like Crawford that Lacey commits her time outside of the classroom. She says, "In the classroom I get to teach the subjects that I love and help students become the best students they can be, but extra-curriculars are so special because I get to see the student work in the areas that THEY love.... I don't have to create that love, it's already there. I just have to create opportunities for them to work within that area that they love."

When people ask Lacey and her colleagues why they give their extra time to Students' Council, she says, "We usually say,



I see Mr. Meldrum and Mrs. Lacey's selection as recipients of the Teachers Building Leaders Award as a small way to thank them both for the life changing impacts that they have had on my life.

Blair Crawford, former MPSS student

'Because the kids do'.... These young people come to us with amazing potential and we just offer them guidance; they do all the work! Students are capable of amazing things and sometimes we just need to step back and let them lead the way!"

It was under that guidance that Crawford says, "Mrs. Lacey also helped foster my commitment to service through her dedication to positive community impact ... (and) was quick to remind the team of our capacity to enact change beyond the school walls."

Today, Blair Crawford is a graduate of McGill University where they studied International Development with a double minor in Indigenous Studies and Anthropology. They recently started a new position with Engage Nova Scotia in Halifax as the SDG (Sustainable Development Goals) Program Director. Crawford says, "I see Mr. Meldrum and Mrs. Lacey's selection as recipients of the Teachers Building Leaders Award as a small way to



CALEDONIA—Blair Crawford (left) and teacher Tanya Lacey are pictured at Crawford's graduation from MPSS in 2017.

—Submitted photo.

thank them both for the life changing impacts that they have had on my life."

Reflecting on her role as an educator Lacey says, "Teaching is hard! It is tiring and emotionally draining, but when the good things happen it is such an amazing feeling that I wouldn't trade it for anything!"

She concludes, "No one gets into teaching for awards ... but it means the world to me that this came from Blair. That years later someone thought of me as someone who helped them get to where they are. I just really hope that Blair knows they had just as much of an impact on me."

Notice of Commencement of Terms of Reference

Environmental Assessment of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke

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The Process

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Stelco is proposing to expand the existing Quarry Landfill at LEW to accommodate the on-site disposal of non-hazardous steelmaking secondary materials generated at the facility that cannot be reused or recycled, as well as the potential disposal of historical non-hazardous steel-making secondary materials from its Hamilton Works site ("HW"), located approximately 70 km from the Site. It is estimated that the capacity of the current Quarry Landfill will be reached by the end of 2023. Stelco is currently evaluating re-use and recycling opportunities for the historical non-hazardous secondary materials from HW; however, it is possible that some of these materials may need disposal and will be included in the volume required for the Site expansion. The proposed Site expansion requires approval under the Act and is the reason for this Notice of Commencement. The purpose of the EA is to identify alternatives and study the potential effects of the proposed landfill expansion on the environment.

The Site is located at the Stelco facility in Nanticoke, Ontario. The location of the Site is indicated on the map below:



Consultation

Members of the public, agencies, Indigenous communities and other interested persons are encouraged to actively participate in the planning process by attending consultation opportunities or contacting individuals listed below directly with comments or questions. Consultation opportunities are planned throughout the planning process and will be advertised in local newspapers and through a project-specific website at consultation.stelco.com. Possible consultation events include open house events or virtual open house events depending on the ongoing COVID-19 pandemic restrictions and/or technical bulletins.

For further information on the proposed study, please visit our website (<http://consultation.stelco.com>) or contact:

Trish Edmond, P.Eng.
EA Manager
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Petar Kolundzija
Manager - Environmental Affairs
Stelco Inc.
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Nanticoke, ON, N0A 1L0
Telephone: 1-519-587-4541
E-mail: consultation@stelco.com

Under the *Freedom of Information and Protection of Privacy Act* and the *Environmental Assessment Act*, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter and will be released, if requested, to any person unless you request that your personal information remain confidential. For more information, please contact the Ministry of the Environment, Conservation and Parks' Freedom of Information and Privacy Coordinator at 416-314-4075.

July 1, 2021

El Salvador seeks 20% minimum wage hike

SAN SALVADOR El Salvadoran President Nayib Bukele on Thursday requested a minimum wage hike of 20 per cent starting in August, citing the impact of global inflation on poor Salvadorans.

Bukele, speaking in a video shared on his Twitter account, said the government would subsidize small and medium-sized companies for 12 months to cover the increase, with the goal of keeping businesses from passing on higher costs to consumers. "We can do little to change the

rules of the world market, but we can do some ethical things," Bukele said. "That is why this morning there is already a request to the Council of Minimum Wages to increase the minimum wage of Salvadorans."

The current minimum wage is \$300 per month and was last increased in 2017 by 15 per cent. A revision to the minimum wage must be done, by law, every three years. The pandemic prevented officials from reviewing the issue in 2020.

Bukele also ordered new food handouts under a pandemic social program, which he said could help inflation by lessening the demand for food purchases. "By introducing so much food to Salvadoran families, we are going to lower the local demand. And although it will not impact global prices, it may impact local prices," Bukele said.

Bukele's proposal to increase the minimum wage will be reviewed by a specialized council made up of independent business leaders and some government

employees.

The council, which was due to discuss the proposal on Thursday, cancelled its meeting after the publication of the U.S. State Department's "corruption and democracy list" that named several current and former Salvadoran officials.

Labour Minister Rolando Castro, who was expected to lead the meeting on minimum wage, was among the officials the U.S. government said had engaged in corruption.



Nayib Bukele, President of El Salvador

El Salvador this month became the first country to adopt bitcoin as legal tender along with the U.S. dollar, with Bukele touting the cryptocurrency's potential as a remittance currency for Salvadorans overseas.

Reuters

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Public Notices

Notice of Commencement of Terms of Reference
Environmental Assessment of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke

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Trish Edmond P. Eng EA Manager Golder Associates LTD 1931 Robertson Road Ottawa, ON, K2H 5B7 Telephone: 1-800-275-3281 E-mail: trish_edmond@golder.com	Petar Kolundzija Manager - Environmental Affairs Stelco Inc. 2330 Haldimand Road 3 Nanticoke ON, N0A 1L0 Telephone: 1-519-587-4541 E-mail: consultation@stelco.com
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C3 – Example Emails Sent

From: [Katie Chan](#)
To: [Trevor Harris](#); [Petar Kolundzija \(petar.kolundzija@stelco.com\)](mailto:petar.kolundzija@stelco.com)
Bcc: [REDACTED]; [Burt, Stephen \(MOECC\)](#); [Gamble, Jeremy \(MECP\)](#)
Subject: Stelco LEW Notice of Commencement of Terms of Reference
Date: Wednesday, June 30, 2021 5:51:00 PM
Attachments: [image001.png](#)
[Stelco Lake Erie Works Notice of Commencement of Terms of Reference \(FA for Proposed Landfill Expansion\).pdf](#)

Dear Lake Erie Works CLC Members:

I hope that this e-mail finds you safe and well.

As discussed at our previous meeting, Stelco is proceeding to initiate a Terms of Reference for an environmental assessment to expand the on-site quarry landfill for non-hazardous waste materials that cannot be reused or recycled. Attached is a copy of the Notice of Commencement for this project. It will also be posted in local newspapers in the coming days.

If you have any questions, do not hesitate to contact Petar Kolundzija (petar.kolundzija@stelco.com) or myself.

Thanks,
Katie

Katie Chan
Director
Environmental Affairs



386 Wilcox Street
Hamilton, ON L8L 8K5
E: katie.chan@stelco.com
O: 905.528.2511 ext. 3535
W: stelco.com

Edmond, Trish

From: Robinson, Joel
Sent: June 30, 2021 3:51 PM
To: lmauthe@lprca.on.ca
Cc: Edmond, Trish; Petar.Kolundzija@stelco.com
Subject: 20136711 - Individual Environmental Assessment, Notice of Commencement for the Proposed Quarry Landfill Expansion
Attachments: Stelco Lake Erie Works Notice of Commencement of Terms of Reference (EA for Proposed Landfill Expansion).pdf

Hello,

You have been identified as a Government Review Team stakeholder in the Individual Environmental Assessment (EA) of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke.

The first step in the process is to develop a Terms of Reference (ToR) that provides the framework that will guide the work and studies that then will be completed during the Environmental Assessment. You will find attached the Notice of Commencement (NoC) of the ToR.

Please do not hesitate to contact us if you have any questions.

Regards,
Joel

Joel Robinson (B.Sc., EPt, G.I.T.)
Waste / Geoscientist-in-Training



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C4 – Comments Received and Responses to GRT

From: Scott Peck
To: [Edmond, Trish](#); [Robinson, Joel](#)
Cc: [20136711, Stelco Quarry Lf Exp EA LakeErie](#)
Subject: RE: 20136711 - Proposed Quarry Landfill Expansion Environmental Assessment
Date: August 3, 2021 10:01:38 AM
Attachments: [image001.png](#)
[image002.png](#)
[image005.png](#)
[image006.png](#)
[image007.png](#)

EXTERNAL EMAIL

Trish, yes, as long as it is just the removal of industrial process materials, you can remove us from future notices for this EA.

Thank you for your assistance, good luck with the project.

T. Scott Peck, B.A., DPA, MCIP, RPP, CMMIII
***Deputy Chief Administrative Officer/
Director, Watershed Planning & Engineering***
Hamilton Conservation Authority
Phone: 905-525-2181, Ext. 130

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From: Edmond, Trish <Trish_Edmond@golder.com>
Sent: July 30, 2021 11:10 AM
To: Scott Peck <Scott.Peck@conservationhamilton.ca>; Robinson, Joel <Joel_Robinson@golder.com>
Cc: 20136711, Stelco Quarry Lf Exp EA LakeErie <120877@golder.com>
Subject: RE: 20136711 - Proposed Quarry Landfill Expansion Environmental Assessment

NOTE: This email chain appears to contain email from outside Golder

Thank you so much Scott. Shall we remove you from further notices about this EA?

Have a great weekend,

Trish

Trish Edmond (M.E.Sc., P.Eng.) (she, her)
Principal, Geoenvironmental Engineer

Golder Associates Ltd.

1931 Robertson Road, Ottawa, Ontario, Canada, K2H 5B7

T: +1 613 592 9600 | **D:** +1 613 592-9600 x3246 | **C:** +1 613 799-1960 | golder.com

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Please consider the environment before printing this email.

From: Scott Peck <Scott.Peck@conservationhamilton.ca>

Sent: July 29, 2021 8:54 PM

To: Edmond, Trish <Trish_Edmond@golder.com>; Robinson, Joel <Joel_Robinson@golder.com>

Subject: RE: 20136711 - Proposed Quarry Landfill Expansion Environmental Assessment

EXTERNAL EMAIL

Trish, as this relates to stored material related to the industrial processes on site and not related to development or the placing or removal of fill for development, a permit or approvals for this work would not be required from the HCA.

Thank you,

T. Scott Peck, B.A., DPA, MCIP, RPP, CMMIII
**Deputy Chief Administrative Officer/
Director, Watershed Planning & Engineering**
Hamilton Conservation Authority
Phone: 905-525-2181, Ext. 130

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From: Edmond, Trish <Trish_Edmond@golder.com>

Sent: July 28, 2021 3:22 PM

To: T.S. Peck <Scott.Peck@conservationhamilton.ca>; Robinson, Joel <Joel_Robinson@golder.com>

Subject: RE: 20136711 - Proposed Quarry Landfill Expansion Environmental Assessment

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Hi Scott,

My apologies, I can see now that the Notice of Commencement was missing from the email sent to Conservation Hamilton. It is attached here for your reference.

The material in question is secondary materials from the Hamilton Works facility which is material that was produced by them but they cannot re-use it so it is waste. There is no fill material being removed from the site. The secondary materials (waste) is located all over the site in various stockpiles and we have yet to hear from Stelco which piles need to be removed. If the stockpiles are in the regulated area does that change anything?

Thanks so much!

Trish

Trish Edmond (M.E.Sc., P.Eng.) (she, her)

Principal, Geoenvironmental Engineer

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Please consider the environment before printing this email.

From: T.S. Peck <Scott.Peck@conservationhamilton.ca>

Sent: July 28, 2021 3:15 PM

To: Edmond, Trish <Trish_Edmond@golder.com>; Robinson, Joel <Joel_Robinson@golder.com>

Subject: RE: 20136711 - Proposed Quarry Landfill Expansion Environmental Assessment

EXTERNAL EMAIL

Good afternoon Trish,

I do not believe we were circulated with the Notice of Commencement so I don't have the details for the project.

I am unsure what you mean by moving material from the Hamilton works. Is this

industrial materials that are excess or waste from the operation of the Hamilton site. If so, we would not have any interest in the moving of this material from the Hamilton works to the LEW.

If this is fill material being removed from the site and is located within the regulated area as shown on the link provided previously, then we may have a requirement for a permit.

I am sorry for any confusion here but if you could clarify the origins of the material to be moved, that would be helpful.

Thank you,

T. Scott Peck, B.A., DPA, MCIP, RPP, CMMIII
**Deputy Chief Administrative Officer/
Director, Watershed Planning & Engineering**
Hamilton Conservation Authority
Phone: 905-525-2181, Ext. 130

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From: Edmond, Trish <Trish_Edmond@golder.com>
Sent: July 28, 2021 2:32 PM
To: T.S. Peck <Scott.Peck@conservationhamilton.ca>; Robinson, Joel <Joel_Robinson@golder.com>
Subject: RE: 20136711 - Proposed Quarry Landfill Expansion Environmental Assessment

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Hello Scott,

While the Lake Erie Works facility is not in your watershed the Hamilton Works facility is we believe. As noted in the Notice of Commencement we will need to collect some material from the Hamilton Works facility and bring it to the Lake Erie Works facility for final disposal in the proposed landfill. We aren't yet sure how much material is available at the Hamilton Works facility nor how many days/weeks/months it may take to transport it. The MECP suggested we should confirm whether you had an interest in this Project or not on the basis of needing to move material from one site to another. With this additional information, of needing to drive material from the Hamilton Works facility to Lake Erie Works facility do you still fee you have no regulations in place?

Please note that Long Point Conservation Area has already been contacted about this Project.

Thank you,

Trish

Trish Edmond (M.E.Sc., P.Eng.) (she, her)
Principal, Geoenvironmental Engineer

Golder Associates Ltd.

1931 Robertson Road, Ottawa, Ontario, Canada, K2H 5B7

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From: T.S. Peck <Scott.Peck@conservationhamilton.ca>

Sent: July 27, 2021 1:51 PM

To: Robinson, Joel <Joel_Robinson@golder.com>; Edmond, Trish <Trish_Edmond@golder.com>

Subject: RE: 20136711 - Proposed Quarry Landfill Expansion Environmental Assessment

EXTERNAL EMAIL

Joel,

Based the information in this link - <https://consultation.stelco.com/Home/Project> and your background below, the Lake Erie Works quarry site would not be in our watershed and we would have no regulations in place here.

For your information, the HCA watershed boundaries are as show on this link - <https://conservationhamilton.ca/regulated-areas-map-tool/>. Assuming no fill or grading activity is taking place in our watershed, we have no regulatory oversight for the project area and do not need to be contacted further.

You should contact the Long Point Region Conservation Authority for information regarding this area - <https://lprca.on.ca/about/contact-us/>

Thank you,

T. Scott Peck, B.A., DPA, MCIP, RPP, CMMIII
**Deputy Chief Administrative Officer/
Director, Watershed Planning & Engineering**
Hamilton Conservation Authority

Phone: 905-525-2181, Ext. 130

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From: Robinson, Joel <Joel_Robinson@golder.com>
Sent: Tuesday, July 27, 2021 1:01 PM
To: nature <nature@conservationhamilton.ca>
Cc: Edmond, Trish <Trish_Edmond@golder.com>
Subject: 20136711 - Proposed Quarry Landfill Expansion Environmental Assessment

Hello,

As part of a Government Review Team (GRT) Master List that we were provided from the Ministry of Environment, Conservation and Parks (MECP), we are wondering who we should send materials to for an Environmental Assessment (EA) that may involve the HCA regulated area. Stelco Inc. (Stelco) is beginning an EA under the Ontario *Environmental Assessment Act*, RSO 1990, c. E.18 to expand the Quarry Landfill (the "Site") at its Lake Erie Works ("LEW") facility in Nanticoke, Ontario. For this EA, we are wondering if you could please provide the name of who we should send materials to and their contact information (email). We are also wondering if they would like to receive reports via email, hardcopy or USB.

For some background, Stelco is proposing to expand the existing Quarry Landfill at the LEW to accommodate the on-site disposal of non-hazardous steelmaking secondary materials generated at the facility that cannot be reused or recycled, as well as the potential disposal of historical non-hazardous steel-making secondary materials from its Hamilton Works site ("HW"), located approximately 70 km from the Site.

Please let us know if you have any questions or require any further information at this time.

Thank you,
Joel

Joel Robinson (B.Sc., EPT, G.I.T.)
Waste / Geoscientist-in-Training

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July 27, 2021

EMAIL ONLY

Trish Edmond, P.Eng.
EA Manager
Golder Associates Ltd.
1931 Robertson Road
Ottawa, ON, K2H 5B7
trish_edmond@golder.com

MHSTCI File : 0014576
Proponent : Stelco Inc.
Subject : Notice of Commencement – Terms of Reference (ToR)
Project : Proposed Quarry Landfill Expansion, Stelco Lake Erie Works
Location : Nanticoke

Dear Trish Edmond:

Thank you for providing the Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI) with the Notice of Commencement of ToR for the above-referenced project. We would like to confirm our interest in receiving a draft ToR for review. MHSTCI's interest in this Environmental Assessment (EA) project relates to its mandate of conserving Ontario's cultural heritage.

Under the EA process, the proponent is required to determine a project's potential impact on cultural heritage resources.

Project Summary

Stelco is proposing to expand the existing Quarry Landfill at LEW to accommodate the on-site disposal of non-hazardous steelmaking secondary materials generated at the facility. The ToR will set out the proponent's framework and work plan for addressing the requirements under the Act when preparing the EA.

Identifying Cultural Heritage Resources

While some cultural heritage resources may have already been formally identified, others may be identified through screening and evaluation. Indigenous communities may have knowledge that can contribute to the identification of cultural heritage resources, and we suggest that any engagement with Indigenous communities includes a discussion about known or potential cultural heritage resources that are of value to these communities. Municipal Heritage Committees, historical societies and other local heritage organizations may also have knowledge that contributes to the identification of cultural heritage resources.

Cultural heritage resources are often of critical importance to Indigenous communities. Indigenous communities may have knowledge that can contribute to the identification of cultural heritage resources, and we suggest that any engagement with Indigenous communities includes a discussion about known or potential cultural heritage resources that are of value to them.

Archaeological Resources

This EA project may impact archaeological resources and should be screened using the MHSTCI [Criteria for Evaluating Archaeological Potential](#) to determine if an archaeological assessment is needed. MHSTCI archaeological sites data are available at archaeology@ontario.ca. If the EA project area exhibits archaeological potential, then an archaeological assessment (AA) should be undertaken by an archaeologist licenced under the *OHA*, who is responsible for submitting the report directly to MHSTCI for review.

Built Heritage Resources and Cultural Heritage Landscapes

The MHSTCI [Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes](#) should be completed to help determine whether this EA project may impact cultural heritage resources. Our interest in further review is informed by the findings of the completed checklist.

If potential or known heritage resources exist, MHSTCI recommends that a Heritage Impact Assessment (HIA), prepared by a qualified consultant, should be completed to assess potential project impacts. Our Ministry's [Info Sheet #5: Heritage Impact Assessments and Conservation Plans](#) outlines the scope of HIAs. Please send the HIA to MHSTCI for review and make it available to local organizations or individuals who have expressed interest in review.

Environmental Assessment Reporting

All technical cultural heritage studies and their recommendations are to be addressed and incorporated into EA projects. Please advise MHSTCI whether any technical cultural heritage studies will be completed for this EA project, and provide them to MHSTCI before issuing a Notice of Completion or commencing any work on the site. If screening has identified no known or potential cultural heritage resources, or no impacts to these resources, please include the completed checklists and supporting documentation in the EA report or file.

Thank you for consulting MHSTCI on this project and please continue to do so throughout the EA process. If you have any questions or require clarification, do not hesitate to contact me.

Sincerely,

Joseph Harvey
Heritage Planner
joseph.harvey@Ontario.ca

Copied to: Petar Kolundzija, Manager - Environmental Affairs, Stelco Inc.
Joel Robinson, Waste / Geoscientist-in-Training, Golder Associates Ltd.

It is the sole responsibility of proponents to ensure that any information and documentation submitted as part of their EA report or file is accurate. MHSTCI makes no representation or warranty as to the completeness, accuracy or quality of the any checklists, reports or supporting documentation submitted as part of the EA process, and in no way shall MHSTCI be liable for any harm, damages, costs, expenses, losses, claims or actions that may result if any checklists, reports or supporting documents are discovered to be inaccurate, incomplete, misleading or fraudulent.

Please notify MHSTCI if archaeological resources are impacted by EA project work. All activities impacting archaeological resources must cease immediately, and a licensed archaeologist is required to carry out an archaeological assessment in accordance with the *Ontario Heritage Act* and the *Standards and Guidelines for Consultant Archaeologists*.

If human remains are encountered, all activities must cease immediately and the local police as well as the Registrar, Burials of the Ministry of Government and Consumer Services (416-326-8800) must be contacted. In situations where human remains are associated with archaeological resources, MHSTCI should also be notified to ensure that the site is not subject to unlicensed alterations which would be a contravention of the *Ontario Heritage Act*.

From: MNRF Ayl Planners (MNRF)
To: [Edmond_Trish; consultation@stelco.com](mailto:Edmond_Trish_consultation@stelco.com)
Cc: Petar_Kolundzija@stelco.com; Robinson_Joel
Subject: RE: 20136711 - Individual Environmental Assessment, Notice of Commencement for the Proposed Quarry Landfill Expansion
Date: July 8, 2021 10:31:22 AM
Attachments: [image003.emz](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image007.png](#)
[Stelco Lake Erie Works Notice of Commencement of Terms of Reference \(EA for Proposed Landfill Expansion\).pdf](#)
[NHGuide_MNRF_2019-04-01.pdf](#)

EXTERNAL EMAIL

Ministry of Northern Development,
Mines, Natural Resources
and Forestry

Ministère du Développement du Nord,
des Mines, des Richesses naturelles
et des Forêts

July 8, 2021

Subject: 20136711 - Individual Environmental Assessment, Notice of Commencement for the Proposed Quarry Landfill Expansion

The Ministry of Northern Development, Mines, Natural Resources and Forestry (NDMNRF) received the notice for the Proposed Quarry Landfill Expansion project. Thank you for circulating this information to our office, however, please note that we have not completed a screening of natural heritage or other resource values for the project at this time. Please also note that it is your responsibility to be aware of and comply with all relevant federal or provincial legislation, municipal by-laws or other agency approvals.

This response provides information to guide you in identifying and assessing natural features and resources as required by applicable policies and legislation, and engaging with the Ministry for advice as needed.

Natural Heritage & Endangered Species Act

-
In order to provide the most efficient service possible, the attached Natural Heritage Information Request Guide has been developed to assist you with accessing natural heritage data and values from convenient online sources.

It remains the proponent's responsibility to complete a preliminary screening for each project, to obtain available information from multiple sources, to conduct any necessary field studies, and to consider any potential environmental impacts that may result from an activity. We wish to emphasize the need for the proponents of development activities to complete screenings prior to contacting the Ministry or other agencies for more detailed technical information and advice.

The Ministry continues to work on updating data housed by Land Information Ontario and the Natural Heritage Information Centre, and ensuring this information is accessible through online resources. Species at risk data is regularly being updated. To ensure access to

reliable and up to date information, please contact the Ministry of the Environment, Conservation and Parks at SAROntario@ontario.ca.

Petroleum Wells & Oil, Gas and Salt Resource Act

There may be petroleum wells within the proposed project area. Please consult the Ontario Oil, Gas and Salt Resources Library website (www.ogsrlibrary.com) for the best known data on any wells recorded by NDMNRF. Please reference the 'Definitions and Terminology Guide' listed in the publications on the Library website in order to better understand the well information available. Any oil and gas wells in your project area are regulated by the *Oil, Gas and Salt Resource Act*, and the supporting regulations and operating standards. If any unanticipated wells are encountered during development of the project, or if the proponent has questions regarding petroleum operations, the proponent should contact the Petroleum Operations Section at POSRecords@ontario.ca or 519-873-4634.

Public Lands Act & Lakes and Rivers Improvement Act

Some projects may be subject to the provisions of the *Public Lands Act* or the *Lakes and Rivers Improvement Act*. Please review the information on NDMNRF's web pages provided below regarding when an approval is required or not. Please note that many of the authorizations issued under the *Lakes and Rivers Improvement Act* are administered by the local Conservation Authority.

- For more information about the *Public Lands Act*: <https://www.ontario.ca/page/crown-land-work-permits>
- For more information about the *Lakes and Rivers Improvement Act*: <https://www.ontario.ca/document/lakes-and-rivers-improvement-act-administrative-guide>

After reviewing the information provided, if you have not identified any of NDMNRF's interests stated above, there is no need to circulate any subsequent notices to our office.

If you have any questions or concerns, please feel free to contact me.

Sincerely,
Karina

Karina Cerniavskaja | District Planner

Ministry of Northern Development, Mines, Natural Resources and Forestry

Email: MNRF.Ayl.Planners@ontario.ca



As part of providing [accessible customer service](#), please let me know if you have any accommodation needs or require communication supports or alternate formats.

From: Robinson, Joel <Joel_Robinson@golder.com>
Sent: June-30-21 3:00 PM
To: Cerniavskaja, Karina (MNRF) <Karina.Cerniavskaja@ontario.ca>
Cc: Edmond, Trish <Trish_Edmond@golder.com>; Petar.Kolundzija@stelco.com
Subject: 20136711 - Individual Environmental Assessment, Notice of Commencement for the Proposed Quarry Landfill Expansion

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

Hello,

You have been identified as a Government Review Team stakeholder in the Individual Environmental Assessment (EA) of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke.

The first step in the process is to develop a Terms of Reference (ToR) that provides the framework that will guide the work and studies that then will be completed during the Environmental Assessment. You will find attached the Notice of Commencement (NoC) of the ToR.

Please do not hesitate to contact us if you have any questions.

Regards,
Joel

Joel Robinson (B.Sc., EPt, G.I.T.)
Waste / Geoscientist-in-Training

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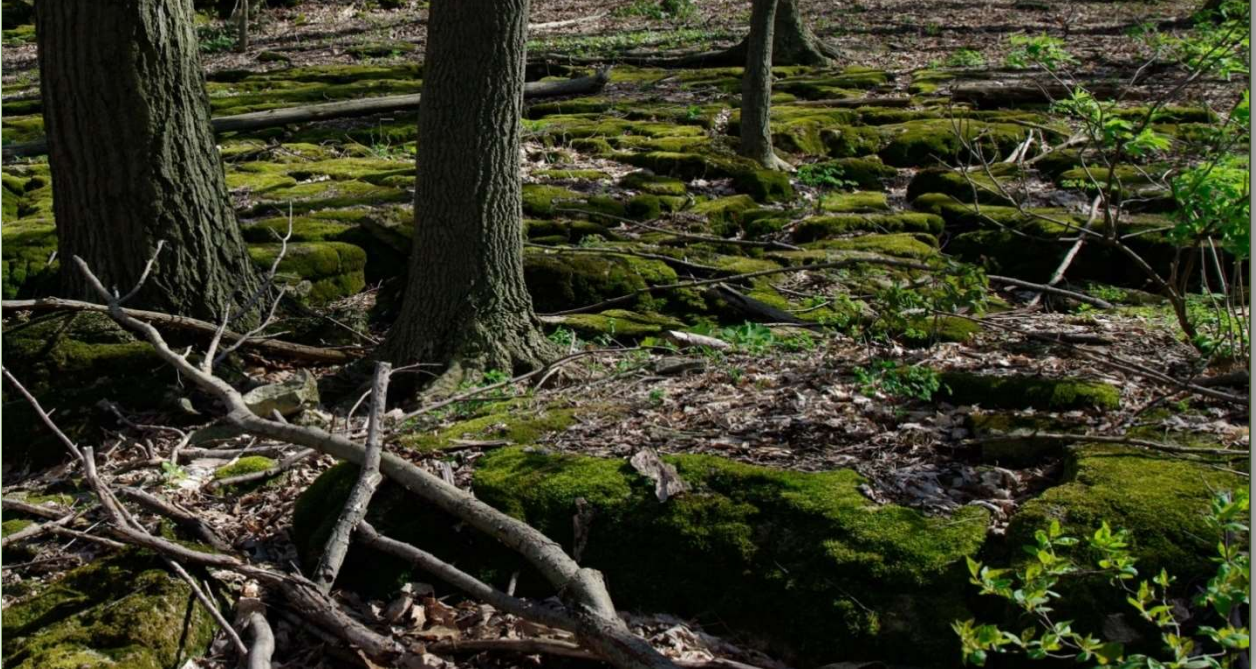
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Ministry of Natural Resources and Forestry



Natural Heritage Information Request Guide

Regional Operations Division, Ministry of
Natural Resources & Forestry

Update – April 1, 2019

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1.0 Background, Purpose and Scope

1.1 Background

The Ministry of Natural Resources and Forestry (MNRF) maintains a substantial amount of natural heritage information. The Government of Ontario is committed to transparency, customer service, and making information more publicly accessible. Access to natural heritage information is critical to informing municipal planning processes, development activities, and other initiatives such as science and research. To make natural heritage information more accessible and better understood, this document consolidates available MNRF natural heritage information and outlines how this information can be accessed.

1.2 Purpose of this Guide

The purpose of this guide is three-fold:

1. To provide a directory of natural heritage information sources available from the MNRF;
2. To reduce wait times for users to access the data, especially considering that much of the information is open and accessible; and
3. To help users efficiently access available data.

It remains the proponent's responsibility to:

- Complete a preliminary screening for their projects,
- Obtain available information from multiple sources,
- Conduct any necessary field studies, and
- Consider any potential environmental impacts that may result from a proposed activity.

To provide the most efficient service possible, proponents should complete natural heritage screenings **prior** to contacting Government of Ontario Ministry offices or other agencies for more detailed technical information and advice. This guide provides detailed information on where and how to access information to screen a study area in advance of consulting with Ministries.

1.3 Scope

MNRF maintains and provides information related to its resource management and land use planning mandate, including natural heritage, fisheries, wildlife, mineral aggregate resources, crown lands, protected lands and more. This information is made available to organizations, private individuals, consultants, and developers through online sources and is often considered under various pieces of legislation or as part of regulatory

approvals and planning processes. This guide has been created to help users navigate the available natural heritage information to support various activities. This guide additionally provides a list of other sources of information beyond MNRF, although it is not intended to be an exhaustive list of available sources.

This guide does not replace the Natural Heritage Reference Manual but is intended to support it. This guide is not intended to circumvent any field studies that may be necessary to document features and assess impacts.

This guide is a resource for proponents during project planning. Reviewing the layers listed in the appendices will enable proponents to prepare for both proponent and government led Environmental Assessments. For projects proposed on crown land, MNRF is the permitting agency and there may be additional initial screening requirements. Further studies may be required depending on the nature and location of the project.

1.4 Audience

The intent of this public guide is to make it easier for the proponents and consultants to access relevant information. This guide will also help internal Ministry staff who are responding to information requests or site screenings.

1.5 Disclaimer

The information available from MNRF and the sources listed below in the appendices should **not be considered as a substitute for site visits and appropriate field surveys**. Generally, information available from MNRF can be regarded as a starting point from which to conduct further field studies, if needed. While this data represents MNRF's best available current information, it is important to note that a lack of information for a site does not mean that additional features and values are not present. There are many areas where MNRF does not currently have information. On-site assessments can better verify site conditions, identify natural features and values and confirm presence of species at risk and/or their habitats.

This guide will be updated from time to time. For a current version of this guide, please contact your local or regional Government of Ontario Ministry office. Up-to-date contact information for Ministry offices can be obtained through the Government of Ontario Employee and Organization Directory, Info-GO, available at <http://www.infogo.gov.on.ca/infogo/home.html>.

2.0 Data Resources

2.1 Make a Map: Natural Heritage Areas

The MNRF maintains the [Make a Natural Heritage Area Map](http://www.gisapplication.lrc.gov.on.ca/mamnh/Index.html?site=MNR_NHLUPS_NaturalHeritage&viewer=NaturalHeritage&locale=en-US): http://www.gisapplication.lrc.gov.on.ca/mamnh/Index.html?site=MNR_NHLUPS_NaturalHeritage&viewer=NaturalHeritage&locale=en-US which provides public access to natural heritage information without the user needing to have Geographic Information System (GIS) capability. It allows users to view and identify natural heritage features, mark areas of interest, and create and print a custom map directly from the web application. The tool also shows topographic information such as roads, rivers, contours and municipal boundaries.

Make a Natural Heritage Area Map should be consulted as a first step in screening for natural heritage features. This tool does not provide access to all of the MNRF's natural heritage information and some layers may be incomplete.

Users are advised that sensitive information has been removed from the natural areas dataset and the occurrences of species at risk, rare plant communities and wildlife concentration areas has been generalized to a 1-kilometre grid.

The web-based mapping tool displays natural heritage data, including:

- Generalized Species at risk occurrence data (based on a 1-km square grid),
- provincial parks and conservation reserves,
- Areas of Natural and Scientific Interest,
- Wetlands,
- Woodlands, and
- Natural Heritage Information Centre data.

Data cannot be downloaded directly from this web map, however, information included in this application is available digitally through [Land Information Ontario](https://www.ontario.ca/page/land-information-ontario): <https://www.ontario.ca/page/land-information-ontario> (LIO).

2.2 Land Information Ontario (LIO)

Most natural heritage data is publicly available. This data is managed in a large corporate database called the LIO Warehouse and can be discovered through the [LIO Metadata Management Tool](https://www.javacoeapp.lrc.gov.on.ca/geonetwork/srv/en/main.home): <https://www.javacoeapp.lrc.gov.on.ca/geonetwork/srv/en/main.home>. This tool provides descriptive information about the characteristics, quality and context of the data. Publicly available geospatial data can be downloaded directly from this site.

The LIO Metadata Management Tool helps users to find, assess and access GIS data and houses up to 350 data and information products. Geospatial data are available through this tool, including (but not limited to):

- **Aquatic Resource Area (ARA) data classes:** general fisheries spatial data including water body type, thermal regime and fish species
- **Spawning Area (fish)**
- **Nursery Area (fish)**
- **Nesting Site (birds)**
- **Areas of Natural and Scientific Interest (ANSIs)**
- **Wetlands**
- **Wintering Area (deer, moose, etc.)**
- **Fire (Potential Hazardous Forest Types for Wildland Fire)**

[Appendix A](#) links MNR's authoritative, relevant data sets to the location in the LIO Database where the data can be downloaded.

Note that while most data is publicly available, some data may be considered highly sensitive (i.e., Nursery Areas for fish, species at risk observations), and as such, restrictions are in place limiting access to this information.

2.3 Species at Risk

For detailed information on species at risk, please visit [Make a Natural Heritage Areas Map](#) or contact the Ministry of Environment, Conservation and Parks at SAROntario@ontario.ca.

2.4 Public Agencies

Ministries, Municipalities and Conservation Authorities may have proposed infrastructure work that requires screening. In these instances, these broader public sector organizations should contact the appropriate Ministry Office to explore more efficient ways to access information and make decisions. This could include entering into data sharing agreements. Please note that many public agencies already have ongoing data sharing agreements in place with LIO and the Natural Heritage Information Centre (NHIC).

2.5 For Additional Information

For information pertaining to corporate data, contact LIO for support by email at lio@ontario.ca or by telephone at 705-755-1878.

For further information pertaining to the NHIC, including data sharing agreements, please email NHICrequests@ontario.ca or call 705-755-2159.

There may be circumstances where a local Government of Ontario office should be consulted for additional information and/or technical advice. For instance, projects proposed on Crown Land should be discussed early in the project planning process with local MNR District staff.

A listing of District offices can be found on this web page <https://www.ontario.ca/page/ministry-natural-resources-and-forestry-regional-and-district-offices>

Appendix A: Natural Heritage Mapping Resources

The table below provides users links to maps and GIS data depicting natural heritage. This list is intended to help guide a natural heritage screening exercise. Click in the *Information Source* column for hyperlinks.

Information Source	Theme	Instructions for using this information
Wetland	Significant Wetlands	Use field" WETLAND_SIGNIFICANCE = Evaluated-Provincial" for provincially significant wetlands.
	Coastal Wetlands	Use field"COASTAL_IND=Yes" for Coastal Wetlands
	Fish & Wildlife, Wetlands	Support evaluation and identification of habitat and wetlands. Please consult user guide for details. Consult the User Guide for more information.
Make a Natural Heritage Areas Map	Endangered and Threatened Species	Turn on the NHIC 1 km Grid square and use the Find... tool to query for species intersecting the grid. Consult the User guide for more information.
	Fish & Wildlife Habitat	Turn on the NHIC 1 km Grid square and use the Find... tool to query for species intersecting the grid. Consult the User guide for more information.
Provincially Tracked Species 1KM Grid	Endangered and Threatened Species	Use field "SARO_STAUS= 'Endangered' or SARO_STATUS='Threatened'" for Endangered and Threatened species.
Wintering Area	Wildlife Habitat	Supports evaluation and identification of wildlife habitat.
Aquatic Feeding Area	Wildlife Habitat	Supports evaluation and identification of wildlife habitat.
Breeding Area	Wildlife Habitat	Supports evaluation and identification of wildlife habitat.
Calving Fawning Site	Wildlife Habitat	Supports evaluation and identification of wildlife habitat.

Information Source	Theme	Instructions for using this information
Den Site	Wildlife Habitat	Supports evaluation and identification of wildlife habitat.
Feeding Area, Wildlife	Wildlife Habitat	Supports evaluation and identification of wildlife habitat.
Habitat Planning Range	Wildlife Habitat	Supports evaluation and identification of wildlife habitat.
Mineral Lick	Wildlife Habitat	Supports evaluation and identification of wildlife habitat.
Nesting Site	Wildlife Habitat	Supports evaluation and identification of wildlife habitat.
Nursery Area, Wildlife	Wildlife Habitat	Supports evaluation and identification of wildlife habitat.
Resting Area	Wildlife Habitat	Supports evaluation and identification of wildlife habitat.
Staging Area, Wildlife	Wildlife Habitat	Supports evaluation and identification of wildlife habitat.
Travel Corridor, Wildlife	Wildlife Habitat	Supports evaluation and identification of wildlife habitat.
ANSI	Significant Areas of Natural and Scientific Interest	Use the field "ANSI_SIGNIFICANCE = Provincial" if you need to view only Provincially Significant ANSI. Consult the User Guide for more information.
Wooded Area	Woodlands	Supports evaluation and identification of significant woodlands and wildlife habitat
ARA Line Segment	Fish Species and Habitat	Supports evaluation and identification of fish habitat by indicating fish species present in the water feature. Consult the User Guide for more information.

Information Source	Theme	Instructions for using this information
ARA Polygon Segment	Fish Species and Habitat	Supports evaluation and identification of fish habitat by indicating fish species present in the water feature. Consult the User Guide for more information.
	At Capacity Lake Trout Lakes	Use field" AT_DEVELOPMENT_CAPACITY_IND = Yes" for designated at capacity lakes
Aquatic Resource Area (ARA) Survey Point	Fish Species	Supports evaluation and identification of fish habitat by indicating fish species present at that location. Consult the User Guide for more information.
Spawning Area	Fish Habitat	Supports evaluation and identification of fish habitat
Nursery Area, Fish	Fish Habitat	Supports evaluation and identification of fish habitat
Staging Area, Fish	Fish Habitat	Supports evaluation and identification of fish habitat
Feeding Area, Fish	Fish Habitat	Supports evaluation and identification of fish habitat
Travel Corridor Fish	Fish Habitat	Supports evaluation and identification of fish habitat
Ecoregion	Ecoregions	Used to determine what ecoregion covers your area
Natural heritage System Area	Natural Heritage System	Identifies Natural Heritage System Areas within the Greenbelt Plan, the Oak Ridges Moraine Conservation Plan, the Niagara Escarpment Plan and the Growth Plan for the Greater Golden Horseshoe. Consult this guide for more information.
Breeding Bird Atlas	Wildlife Habitat	Provides additional information on the location of Breeding Birds
eBird	Wildlife Habitat	Provides additional information on bird sightings

Information Source	Theme	Instructions for using this information
Ontario Reptile and Amphibian Atlas	Wildlife Habitat	Provides additional information on Reptile and Amphibian sightings
iNaturalist	Fish & Wildlife Habitat	Provides additional information on fish & wildlife sightings

Appendix B: Natural Heritage Information Resources

The table below provides users links to Natural Heritage policies and documentation that should be referenced when conducting a natural heritage screening exercise. Click in the *Information Source* column for hyperlinks

Information Source	Theme	Description
https://www.ontario.ca/document/water-work-timing-window-guidelines	Water Work Timing windows	An information source that can be used to determine in-water work timing windows
Inland Lakes designated for Lake Trout management	Fish Habitat	A list of lakes in Ontario that are managed as Lake Trout lakes
Significant wildlife habitat guide	Wildlife Habitat	Provides detailed information on the identification, description and prioritization of significant wildlife habitat.
Significant wildlife habitat ecoregional criteria schedules: Ecoregion 6E	Wildlife Habitat	Provides detailed information on the description, criteria, information sources and assessment methods for significant wildlife habitat in Ecoregion 6E
Significant wildlife habitat ecoregional criteria schedules: Ecoregion 7E	Wildlife Habitat	Provides detailed information on the description, criteria, information sources and assessment methods for significant wildlife habitat in Ecoregion 7E
Significant wildlife habitat ecoregional criteria schedules: Ecoregion 5E	Wildlife Habitat	Provides detailed information on the description, criteria, information sources and assessment methods for significant wildlife habitat in Ecoregion 5E
Significant wildlife habitat ecoregional criteria schedules: Ecoregion 3E	Wildlife Habitat	Provides detailed information on the description, criteria, information sources and assessment methods for significant wildlife habitat in Ecoregion 3E
Significant wildlife habitat ecoregional criteria schedules: Ecoregion 3W	Wildlife Habitat	Provides detailed information on the description, criteria, information sources and assessment methods for significant wildlife habitat in Ecoregion 3E
Significant wildlife habitat ecoregional criteria schedules: Ecoregion 4E	Wildlife Habitat	Provides detailed information on the description, criteria, information sources and assessment methods for significant wildlife habitat in Ecoregion 3E
Significant wildlife habitat mitigation support tool	Wildlife Habitat	Provides advice and recommendations on how to mitigate wildlife habitat during a development process
Natural heritage reference manual	Natural Heritage	Provides guidance for implementing the natural heritage policies of the Provincial policy Statement

Appendix C: Other information Sources

The table below provides users links to other data and resources that could be relevant when screening for development. Click in the *Information Source* column for hyperlinks

Information Source	Theme
Crown Land Use Policy Atlas	Crown Land
Make a Topographic Map	Base Data Mapping
Pits and Quarries	Aggregates
Aggregate resources policies and procedures	Aggregates
Aggregate resources study	Aggregates
Exploring for and extracting oil, natural gas and salt resources	Oil, Gas and Salt Resources
Petroleum wells	Oil, Gas and Salt Resources
Great Lakes – St. Lawrence River System and Large inland lakes: Technical Guides for flooding, erosion and dynamic beaches in support of natural hazards policies 3.1 of the provincial policy statement	Hazards
Adaptive Management of Stream Corridors in Ontario including Natural Hazards Technical Guides	Hazards
The Wildland Fire Risk Assessment and Mitigation Reference Manual	Hazards

Information Source	Theme
Public Lands Act	Crown Land
Crown land work permits	Crown Land
Aggregate resources	Aggregates
Lakes and Rivers Improvement Act	Crown Land
Licence to collect fish for scientific or education purposes	Fish
https://www.ontario.ca/search/data-catalogue	Base Data mapping
Fire - Potential Hazardous Forest Types for Wildland Fire	Hazards
MNR Region	Base Data mapping
MNR District	Base Data mapping
GeoBase	Base Data mapping
Mining Lands Administration System (MLAS) – Map Viewer	Mines
Geoconnections	Base Data mapping

Information Source	Theme
Ministry of Northern Development and Mines Mapping and link to Geology Ontario databases	Mines
Ministry of Environment, Conservation and Parks Data	Environment
National Air Photo Library	Aerial photos
Archives Ontario Aerial Photography	Aerial photos
GEOGratis	Base Data mapping
County Soils Maps	Base Data mapping
Forest Fire Info Map	Hazards
Agricultural Information Atlas	Agriculture
Crown Land Automated Internet Mapping System	Mines
COSINE	Base Data mapping
GEONAME	Base Data mapping
Government-wide data inventory	Base Data mapping

From: Kielek-Caster, Sarah (OMAFRA)
To: [Edmond, Trish](#); [Robinson, Joel](#)
Cc: Petar.Kolundzija@stelco.com
Subject: RE: 20136711 - Individual Environmental Assessment, Notice of Commencement for the Proposed Quarry Landfill Expansion
Date: July 30, 2021 8:15:45 AM
Attachments: [image004.png](#)
[image005.png](#)
[image001.png](#)
[image002.png](#)

EXTERNAL EMAIL

Good morning Trish,

Thank you for your email and the additional information – much appreciated.

Apologies, I did not read the portion about the City of Hamilton within the Notice of Commencement. Thank you for pointing that out. I am happy to be circulated on information, as it becomes available.

Have a great weekend,

Sarah Kielek-Caster
Rural Planner
Land Use Policy and Stewardship Unit
Ontario Ministry of Agriculture, Food and Rural Affairs
6484 Wellington Road 7, Unit 10
Elora, Ontario
N0B 1S0

(M): 226-962-8933

(E): sarah.kielek-caster@ontario.ca

Please Note: As part of providing [accessible customer service](#), please let me know if you have any accommodation needs or require communication supports or alternate formats.



From: Edmond, Trish <Trish_Edmond@golder.com>
Sent: Thursday, July 29, 2021 5:42 PM
To: Kielek-Caster, Sarah (OMAFRA) <Sarah.Kielek-Caster@ontario.ca>; Robinson, Joel <Joel_Robinson@golder.com>
Cc: Petar.Kolundzija@stelco.com
Subject: RE: 20136711 - Individual Environmental Assessment, Notice of Commencement for the Proposed Quarry Landfill Expansion

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the

sender.

NOTE: This email chain appears to contain email from outside Golder

Hi Sarah,

Thank you for your speedy reply.

We are aware that you do not have carriage of the Region of Haldimand. Please note that the landfill potentially being expanded is in the Regional of Haldimand and most of the waste going to the landfill is from the Stelco Lake Erie Works facility in Haldimand but there will be some existing stockpiled waste that cannot be reused or recycled coming from the Hamilton Works facility located in the City of Hamilton that is within your region I believe. If you are not concerned about the potential impacts of the transport of waste through your region then please advice and we will remove you from the distribution list. Please note at this early stage we haven't yet quantified the frequency and duration of potential trucks moving waste from the Hamilton Works facility to the Lake Erie Works facility. This may be a detail you want before making a decision and we can share that information when it becomes available.

We have already included Nancy Rutherford in our Government Review Team list, thanks.

Thanks,

Trish

Trish Edmond (M.E.Sc., P.Eng.) (she, her)

Principal, Geoenvironmental Engineer

Golder Associates Ltd.

1931 Robertson Road, Ottawa, Ontario, Canada, K2H 5B7

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From: Kielek-Caster, Sarah (OMAFRA) <Sarah.Kielek-Caster@ontario.ca>

Sent: July 29, 2021 4:03 PM

To: Robinson, Joel <Joel_Robinson@golder.com>

Cc: Edmond, Trish <Trish_Edmond@golder.com>; Petar.Kolundzija@stelco.com

Subject: RE: 20136711 - Individual Environmental Assessment, Notice of Commencement for the

Proposed Quarry Landfill Expansion

EXTERNAL EMAIL

Hello,

Thank-you for this circulation.

Please be advised that I do not have carriage of the Region of Haldimand and would suggest that you contact Nancy Rutherford as per the attached map.

In the future, to help avoid misdirection with staffing changes at OMAFRA, you can also send correspondence for all EA notices generated by your company to the Ministry's centralized email address: omafra.eanotices@ontario.ca.

Please update your mailing and distribution lists accordingly.

Kind regards,

Sarah Kielek-Caster
Rural Planner
Land Use Policy and Stewardship Unit
Ontario Ministry of Agriculture, Food and Rural Affairs
6484 Wellington Road 7, Unit 10
Elora, Ontario
N0B 1S0

(M): 226-962-8933

(E): sarah.kielek-caster@ontario.ca

Please Note: As part of providing [accessible customer service](#), please let me know if you have any accommodation needs or require communication supports or alternate formats.



From: Robinson, Joel <Joel_Robinson@golder.com>

Sent: Thursday, July 29, 2021 3:59 PM

To: Kielek-Caster, Sarah (OMAFRA) <Sarah.Kielek-Caster@ontario.ca>

Cc: Edmond, Trish <Trish_Edmond@golder.com>; Petar.Kolundzija@stelco.com

Subject: 20136711 - Individual Environmental Assessment, Notice of Commencement for the Proposed Quarry Landfill Expansion

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

Hello,

You have been identified as a Government Review Team stakeholder in the Individual Environmental Assessment (EA) of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke.

The first step in the process is to develop a Terms of Reference (ToR) that provides the framework that will guide the work and studies that then will be completed during the Environmental Assessment. You will find attached the Notice of Commencement (NoC) of the ToR.

Please do not hesitate to contact us if you have any questions.

Regards,
Joel

Joel Robinson (B.Sc., EPt, G.I.T.)
Waste / Geoscientist-in-Training

Golder Associates Ltd.
121 Commerce Park Drive, Unit L, Barrie, Ontario, Canada L4N 8X1
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APPENDIX D

Virtual Consultation Event #1

D1 – Virtual Consultation Event #1 Content

D2 – Virtual Consultation Event #1 Feedback Form

D3 – Newspaper Advertisements

D4 – Example Emails Sent

D5 – Comments Received and Responses to Public

D1 – Virtual Consultation Event #1 Content

Stelco's Virtual Consultation Event #1 Terms of Reference

*Environmental Assessment (EA) of the Proposed Quarry
Landfill Expansion - Stelco Lake Erie Works, Nanticoke*

WE WANT YOUR INPUT!

You are invited to browse or listen to the Terms of Reference consultation material. Please fill out a comment form so that we can include your questions or comments in the EA document. We will provide a written response to all comments received.



The Steel Company of Canada

Virtual Consultation Event #1

November 2021



ENVIRONMENTAL ASSESSMENT

An Environmental Assessment (EA) of the Proposed Quarry Landfill expansion is being undertaken under the provincial *Environmental Assessment Act*.

As part of the EA Study, Stelco will: evaluate 'Alternatives To' the proposed landfill expansion, identify the preferred 'Alternative To', characterize the existing environmental conditions, identify and develop 'Alternative Methods' of landfill expansion, compare alternatives and identify the preferred 'Alternative Method', identify mitigation measures and determine net environmental effects.

This consultation is specifically related to preparation of the Terms of Reference that will guide the Environmental Assessment. The intent of the consultation is to share information with the community and receive your feedback regarding our proposed framework for the EA process.

Additional public consultations will take place at a later date to afford the community opportunity to comment on the Project in greater detail.

WHAT IS THE TERMS OF REFERENCE?

The Terms of Reference (ToR) sets out the framework for the planning and decision-making process to be followed during the preparation of the EA.

A ToR is not an EA. It outlines what work and studies will be done during the EA stage. Stelco does not need to do the work or the studies at the ToR stage.

The ToR process commenced June 30, 2021.

WHAT IS THE ENVIRONMENTAL ASSESSMENT?

The EA is a study, which assesses the potential environmental effects (positive or negative) of this proposed landfill expansion.

LOCATION OF EXISTING LANDFILL

The location of the existing landfill (the Site) is shown below.



DID YOU KNOW?

The purpose of this EA is to provide environmentally safe and cost-effective long-term waste management for Stelco for a 15 to 25 year planning period.

The planning period will be better defined during the EA.

Virtual Consultation Event #1

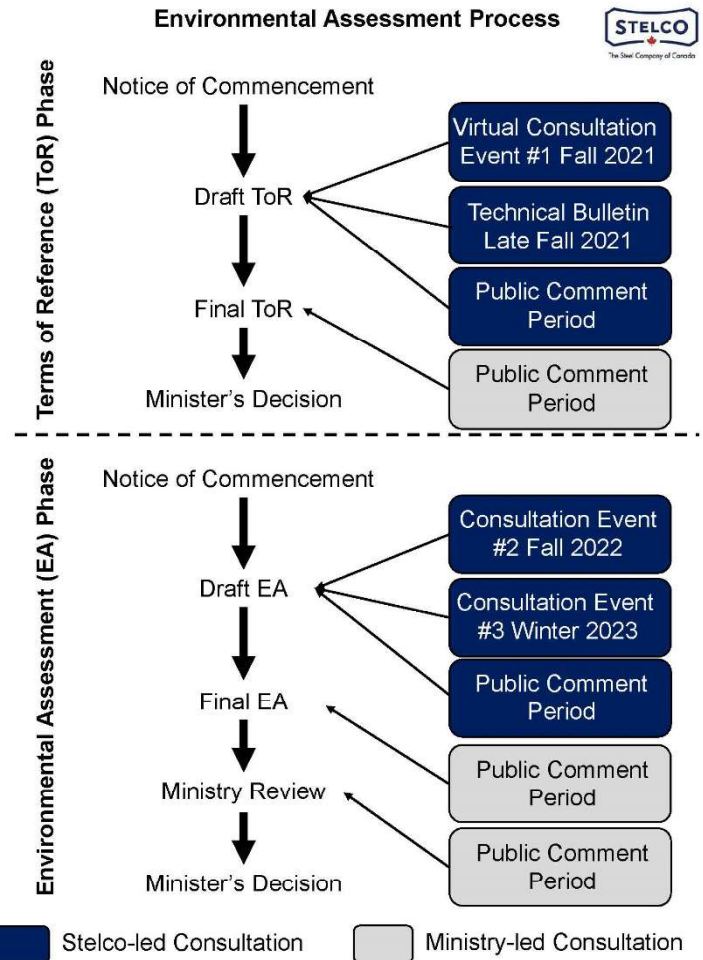
November 2021



EA PROCESS AND CONSULTATION

NEED FOR LANDFILL EXPANSION

- There is limited approved disposal capacity remaining at the existing landfill.
- Stelco is proposing to expand the existing landfill at LEW to accommodate the continued on-site disposal of non-hazardous steelmaking secondary materials generated at the facility that cannot be reused or recycled.
- Also will consider the potential disposal of historical non-hazardous steelmaking secondary materials from its Hamilton Works site ("HW"), located approximately 70 km from the Site.
- The size of the expansion will be defined during the EA.

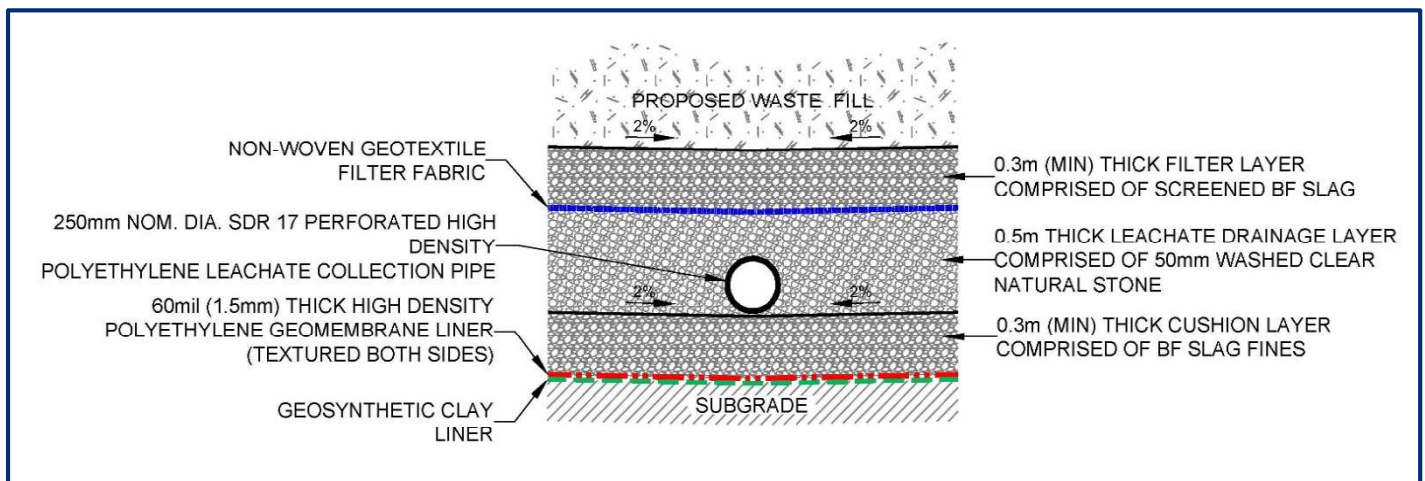


CONSULTATION PLAN

- A consultation plan to support this EA has been developed including identification of stakeholders (government reviewers and public) as well as interested Indigenous Communities, along with planned consultation events highlighted in the flow chart above.
- For the ToR, key decision-making milestones include identification of environmental components, 'Alternatives To' and their assessment (see pages 6 and 7 of this virtual Consultation Event).
- Issues identified will be reviewed by Stelco and Golder and a reasonable effort will be made to respond to concerns raised throughout the planning process. Stelco and Golder will attempt to resolve all issues or disputes to reach a resolution that is amenable. When a mutually agreeable resolution cannot be achieved, the matter will be referred to the Ministry of Environment, Conservation and Parks (MECP) for guidance.

THE EXISTING LANDFILL

- Situated in a 5.5 hectare, 34 metre deep former limestone quarry at the west end of the Lake Erie Works Facility (LEW).
- Landfilling commenced in 1984 with permission from the Ministry of Environment and consisted of blast furnace slag only until the end of 2011.
- In 2012 a new engineered landfill cell was designed within the northern portion of the landfill.
- The engineered landfill cell was designed with a liner and leachate collection system. Leachate is the liquid that is generated from the waste as rainwater travels through the waste or if groundwater enters the landfilled waste.
- Waste in the new cell consists of various steel making secondary materials from the Lake Erie Works Facility that has limited reuse potential, such as ironmaking and steelmaking sludges, and baghouse dusts.
- The design of the new engineered cell is in accordance with the requirements of the MECP, 2012 Landfill Standards as shown below.



- Existing approved landfilling capacity is 1,300,000 cubic metres.
- Annual fill rate in recent years is approximately 18,200 to 54,800 cubic metres per year.

EA PROCESS TIPS

The Environmental Assessment process requires the study to consider an option to “Do Nothing” along with the list of options being considered in the study.

Virtual Consultation Event #1

November 2021



WHAT ENVIRONMENTAL COMPONENTS ARE RELEVANT TO 'ALTERNATIVES TO'?

Environmental components are used to assess potential effects of alternative ways that the landfill expansion Project could be implemented. Environmental components comprising the natural, social, economic / financial and technical environment are proposed as follows:

- Atmosphere (air quality and noise)
- Geology and hydrogeology
- Surface water
- Biology (aquatic and terrestrial ecosystems)
- Agriculture and land use
- Cultural heritage (archaeology, cultural heritage landscapes and built heritage resources)
- Socio-economic (off-site nuisance such as noise and visual)
- Transportation (road network)
- Technical considerations (ability of Stelco to operate, timing of approvals, cost of implementation)

WHAT ARE 'ALTERNATIVES TO'?

'Alternatives To' are functionally different ways of approaching and dealing with the problem or opportunity (which is to provide environmentally safe and long-term waste management).



This is a photo of the 2012 engineered landfill cell under construction.

Virtual Consultation Event #1

November 2021



ALTERNATIVE TO #1: Landfill Closure and Export of Waste for Disposal *



- Continue diversion activities at the Site
- Close the existing landfill
- Send waste for off-site disposal



ALTERNATIVE TO #2: Landfill Site Expansion



- Obtain approval from the MECP for an increase in the disposal capacity of the existing landfill Site (EA required)
- Continue to provide diversion and disposal services for Stelco-related waste



ALTERNATIVE TO #3: Establish New Landfill Site at a Different Stelco Property or a New Property



- Obtain approval to establish a new landfill (EA required)
- Close the existing landfill
- Stelco's other property, HW, is not suitable for a new landfill
- Stelco does not own additional property for establishing a new landfill



ALTERNATIVE TO #4: Alternative Waste Management Technologies



- Obtain approval to establish a facility such as an energy from waste facility at LEW or a new location (Environmental Assessment required)
- Close the existing landfill
- Stelco is not in the waste management technologies business and doesn't have the technical knowledge to operate such a facility



ALTERNATIVE TO #5: Waste Diversion **



- Stelco currently diverts a significant percentage of waste
- Recycle blast furnace slag to the cement sector, recycle coarse Basic Oxygen Furnace slag for internal reuse, etc.
- Alternative does not have the ability to fully address the stated problem



ALTERNATIVE TO #5: Do Nothing



- Close the existing landfill
- To be considered in the evaluation of 'Alternatives To' as a benchmark
- Does not resolve the long-term waste management problem



* All municipal landfills within 100 km of LEW either could not accept the waste due to conditions within their Environmental Compliance Approvals that restrict their service area from which to receive waste or type of waste to receive, or they didn't want to as they preferred to conserve disposal capacity for their municipalities. Some private landfills have responded to inquiries saying they do not want to accept steelmaking residual waste due to incompatibility with their existing leachate treatment facilities or they are reserving capacity for existing clients. Some private landfills would be willing to accept this waste.

**Stelco will continue to divert as much material as possible from disposal, but it does not fully address the stated problem.

Virtual Consultation Event #1

November 2021



A comparison of viable 'Alternatives To' will be required and the following environmental components, evaluation criteria and indicators are proposed.

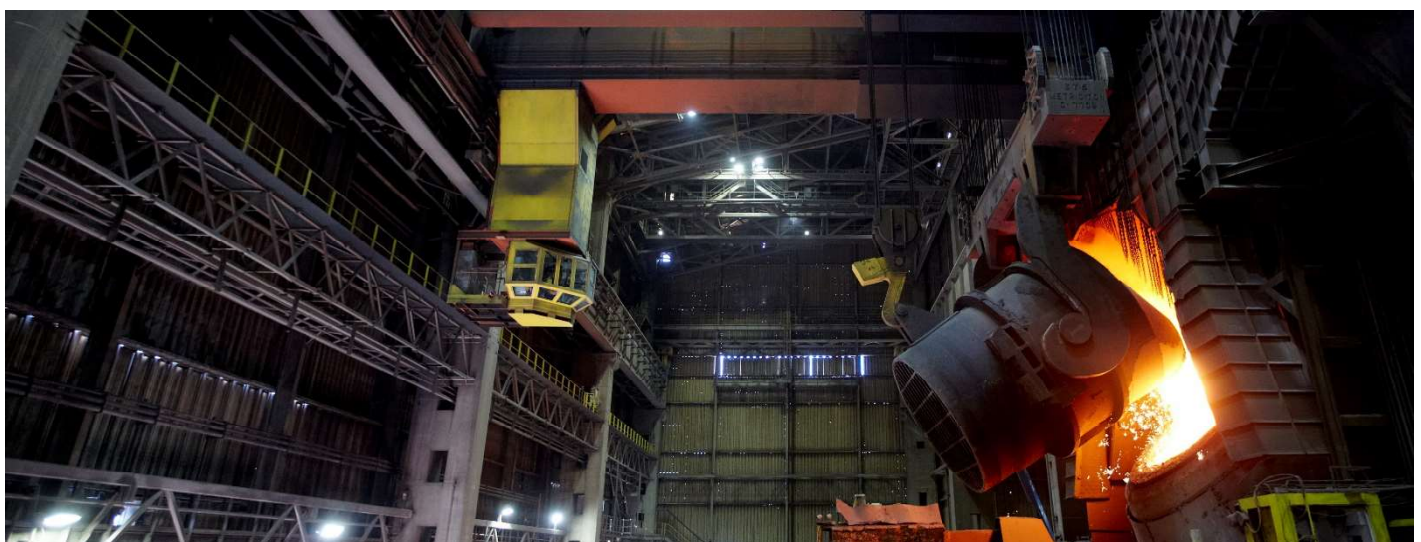
Environmental Component	Evaluation Criteria	Indicator(s)
Atmosphere	<ul style="list-style-type: none"> Potential effects on air quality (including dust and greenhouse gas) Potential noise effects 	<ul style="list-style-type: none"> Qualitative amount and/or type of emissions generated/offset due to alternative. Qualitative amount of non-renewable resources conserved. Qualitative expected amount of noise from alternative.
Geology and Hydrogeology	<ul style="list-style-type: none"> Potential effects on off-site groundwater resources 	<ul style="list-style-type: none"> Qualitative expected effect on groundwater quality at the property boundary.
Surface Water	<ul style="list-style-type: none"> Potential effects on surface water resources 	<ul style="list-style-type: none"> Qualitative expected effect on surface water quality and/or quantity within the site-vicinity.
Biology	<ul style="list-style-type: none"> Potential effects on natural environment features (aquatic and terrestrial ecosystems) 	<ul style="list-style-type: none"> Qualitative amount of disturbance of terrestrial and/or aquatic environment.
Agriculture and Land Use	<ul style="list-style-type: none"> Potential effects on existing land use and agriculture 	<ul style="list-style-type: none"> Approximate number or types of land use conflicts.
Cultural Heritage	<ul style="list-style-type: none"> Potential effects on archaeology Potential effects on cultural environment (cultural heritage landscapes and built heritage resources) 	<ul style="list-style-type: none"> Approximate degree of archaeological potential. Approximate degree of potential for cultural heritage landscapes/built heritage resources.

Virtual Consultation Event #1

November 2021



Environmental Component	Evaluation Criteria	Indicator(s)
Socio-economic	<ul style="list-style-type: none"> Potential site operational effects on sensitive off-site receptors (i.e., noise, visual) 	<ul style="list-style-type: none"> General attitude of public toward alternative. Approximate proximity of alternative to potential off-site sensitive receptors.
Transportation	<ul style="list-style-type: none"> Potential effect on road network 	<ul style="list-style-type: none"> Qualitative assessment of additional tonnage and resulting number of trucks to site due to selected alternative.
Technical Considerations	<ul style="list-style-type: none"> Relative ability of Stelco to operate Relative technical risks associated with the operation of the alternative Relative costs and timing of approvals Relative cost of implementation (capital and operational costs) 	<ul style="list-style-type: none"> Availability of examples where technology used with similar types of waste and tonnage. Types of barriers to implementation. Approximate cost per tonne. Anticipated types of approvals required for alternative and level of effort to attain the approvals.



Virtual Consultation Event #1

November 2021



NEXT STEPS

- Collect feedback from stakeholders from virtual Consultation Event #1 on the need for the landfill expansion, proposed components of the environment to consider, 'Alternatives To' proposed, methods to evaluate 'Alternatives To' and the consultation plan.
- Complete high-level description of the existing environment.
- Complete assessment of 'Alternatives To'.
- Update the projected secondary materials quantity for disposal.
- Prepare technical work plans for the environmental components to further describe the existing environment, compare 'Alternative Methods' and detail the impact of the Project for use in the EA.
- Prepare Technical Bulletin #1.
- Prepare the Draft ToR.

WHAT ARE 'ALTERNATIVE METHODS'?

'Alternative Methods' are different ways of doing the same activity (i.e., landfill expansion). These will be developed during the EA.

WHAT ARE WORK PLANS?

Work plans are a summary of how different environmental component teams will study the environment to compare 'Alternative Methods' and will assess impacts of the proposed Project.

NEXT CONSULTATION ACTIVITIES

Technical Bulletin #1: final results of the 'Alternatives To' assessment, describe the proposed work plans to be used by each environmental component team to assess existing conditions, compare 'Alternatives To' and detail the impact of the Project for use in the EA.

Draft ToR: a summary document of the proposed Project, the need or rationale, environmental components considered, the existing environment, 'Alternatives To', how the 'Alternatives To' were considered, consultation undertaken and the results, future consultation during the EA, work plans for the EA and ToR commitments.

We will post information on the project website as it becomes available: <http://consultation.stelco.com>

QUESTIONS, FEEDBACK AND COMMENTS?

We encourage you to let us know your thoughts by sending your comments to consultation@stelco.com and/or using the attached comment form by November 28, 2021.

Or contact us at 1-905-577-4407 for any accessibility requirements.

If you would like to be notified of any Project updates, please let us know and provide either an email address or your mailing address



D2 – Virtual Consultation Event #1 Feedback Form



**Environmental Assessment (EA) of the Proposed Quarry Landfill Expansion,
Stelco Lake Erie Works, Nanticoke
Terms of Reference Virtual Consultation Event #1 Feedback Form**

Thank you for taking the time to provide us with your comments. We welcome you to complete this form after reading or listening to the material for our virtual Consultation Event #1.

If you would like to be added to our project mailing list, please include the appropriate contact information below.

YES, BY MAIL **YES, BY EMAIL** **NO**

NAME:	
EMAIL:	
PHONE NUMBER:	
ADDRESS:	

1. The purpose of this Project is to provide an environmentally safe and cost-effective long-term plan for the management of non-hazardous secondary steelmaking materials from Stelco that cannot be otherwise recycled or reused. Do you have any comments regarding the purpose of this Project?

2. Various 'Alternatives To' to address Stelco's waste management requirements were presented and included: close the landfill and export waste, expand the existing landfill, build a new landfill at another Stelco location, use an alternative waste management technology like incineration, enhanced waste diversion and/or do nothing. Do you have comments specific to the potential alternatives? Do you have suggestions for additional alternatives that were not listed in our materials?



3. The following table lists proposed natural, social, economic / financial and technical components of the environment being considered to assess and compare the ‘Alternatives To’ for non-hazardous waste management. Similar environmental components are also being considered to assess and compare the ‘Alternative Methods’ to the implementation of our preferred long-term approach to the management of non-hazardous waste.

Please tell us how these rank in importance to you. Are there any environmental components you wish us to consider in addition to what is included in the table below?

--

Components to Assess and Compare ‘Alternatives To’:

Environmental Component	Sub-Component	Importance		
		Very Important	Important	Less Important
Atmosphere	Air quality/Greenhouse Gas			
	Noise			
Geology and Hydrogeology				
Surface Water				
Biology				
Agriculture and Land Use				
Cultural Heritage	Archaeology			
	Cultural heritage landscapes, built heritage resources			
Socio-Economic	Nuisance factors (i.e., noise, visual)			
Transportation	Traffic			
Technical Considerations	Ability to operate			
	Technical risks			
	Cost and timing of approvals			
	Capital and operating costs			



4. Were you able to get the information you were looking for at the virtual Consultation Event #1? If not, please explain what additional information you were seeking. Keeping in mind current restrictions associated with the ongoing pandemic, are there other methods of consultation that you feel would have been better suited to explaining this Project? Do you believe this format would be appropriate for future planned consultation events (page 3 of the virtual Consultation Event #1)? Do you agree with the future planned consultation events (page 3 of the virtual Consultation Event #1)?

5. Please provide any additional general comments you may have regarding the proposed Project, the Terms of Reference or any of the material provided.

Under the *Freedom of Information and Protection of Privacy Act* and the *Environmental Assessment Act*, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter and will be released, if requested, to any person unless you request that your personal information remain confidential. For more information, please contact the Ministry of the Environment, Conservation and Parks Freedom of Information and Privacy Coordinator at 416-314-4075.

You can provide your comments on the Terms of Reference virtual Consultation Event #1 or any questions you may have about this project by email or mail to:

Petar Kolundzija
Manager - Environmental Affairs
Stelco Inc.
2330 Haldimand Road 3
Nanticoke, ON, N0A 1L0
Telephone: 905-577-4407
E-mail: consultation@stelco.com

or

Trish Edmond, P.Eng.
EA Project Manager
Golder Associates Ltd.
1931 Robertson Road
Ottawa, ON K2H 5B7
Telephone: 613-592-9600
E-mail: trish_edmond@golder.com

D3 – Newspaper Advertisements

A YOLK A MINUTE

Comic chemistry among leads the main attraction in humdrum heist film

CHRIS KNIGHT

Netflix's Red Notice is equal parts Gal Gadot running, Ryan Reynolds shooting off his mouth and Dwayne Johnson blowing things up. It's pitter-patter-pow!

That's not meant to be negative, merely descriptive. Though for all its reported \$200-million budget, Red Notice does feel like something its three superstars knocked together between other work in superhero movies or the Fast & Furious franchise. On the plus side: Killer comic chemistry!

The plot, from writer-director Rawson Marshall Thurber (Central Intelligence, Skyscraper, both starring Johnson), imagines a trio of priceless jewelled eggs that once belonged to Cleopatra. Well, actually not quite priceless: an Egyptian billionaire is willing to pay \$300 million for the set. This will require stealing two and

RED NOTICE

★★½ out of 5

Cast: Ryan Reynolds, Gal Gadot, Dwayne Johnson
Director: Rawson Marshall Thurber

Duration: 1 h 58 m
Available: Netflix

locating the third, believed lost for centuries.

Reynolds plays Nolan Booth, an art thief who is also a dab hand at prison escapes, and a witty ad libber, though that last might just be Reynolds and not his character. Johnson is John Hartley, an FBI criminal profiler who tracks Booth down in the early going. And Gadot is The Bishop, a rival thief who gets the drop on both men, requiring them to work together before she can put all their eggs in one basket.

The film features a host of ingredients you've seen in other (and to be honest better) heist



Actors Dwayne Johnson, left, and Ryan Reynolds rely on their trademark screen personalities to bring an element of fun Netflix's Red Notice, a highly familiar heist film, featuring glamorous locales and stolen jewelled eggs — oh, and Gal Gadot. **NETFLIX**

thrillers. There's a fancy party with masks and dancing. There's a dizzying number of exotic locations, including Rome, Bali, Russia, London, Argentina, Belleville, Cairo and Sardinia, and yes I did throw a red herring into that mix.

There are also secret underground passages with booby traps that somehow remain functioning for decades without maintenance. There's a Wilhelm

scream. There may even be stolen Nazi treasure.

And there are double crosses en route to triple crosses that will have you wondering if there might be any quadruple crosses, and also whether you can say sextuple crosses without blushing.

But there is also the broad buddy-comedy humour that is cinema comfort food, no less tasty for being completely

expected. Reynolds does his silky-voiced sarcasm thing, Johnson counters with bullet-headed seriousness, and Gadot sidles between them, charming and dangerous. They look like they're having a blast.

I foresee a sequel, as long as Netflix can find the cash, and everyone's busy schedules line up.
cknight@postmedia.com
twitter.com/chrisknightfilm

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Public Notices

Notice of Virtual Consultation Event #1

Environmental Assessment of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke

Stelco Inc. ("Stelco") has initiated an Environmental Assessment (EA) under the Ontario Environmental Assessment Act, RSO 1990, c. E.18 to expand the existing Quarry Landfill (the "Site") at its Lake Erie Works ("LEW").

Stelco is proposing to expand the existing Site, which has been operating since 1984, for the disposal of non-hazardous secondary materials at LEW. The existing Site has limited remaining capacity. The expansion will accommodate continued on-site disposal of non-hazardous steelmaking secondary materials generated at the facility that cannot be reused or recycled, as well as the potential disposal of historical non-hazardous steelmaking secondary materials from its Hamilton Works facility ("HW"), located approximately 70 km from the Site.

Stelco would like to receive community feedback on the proposed expansion of the existing Site and is hosting a virtual consultation event as follows:

November 15 - 28, 2021

Material will be available on the project website: <http://consultation.stelco.com>

There will be a series of directed questions to respond to and/or members of the community can provide any other feedback they have. Following the consultation period, a written response to the feedback received will be provided.

Through the virtual consultation event, the public will learn about the existing Site at Stelco LEW, the need for the Project, components of the environment that will be considered during this EA, available alternatives for future disposal of non-hazardous secondary materials and how those alternatives may be evaluated, the proposed Consultation Plan, the EA process, and next steps for the Project.

For further information on the proposed study and to sign up for e-mail notification please visit our website (<http://consultation.stelco.com>) or contact:

Trish Edmond P. Eng EA Manager Golder Associates LTD 1931 Robertson Road Ottawa, ON, K2H 5B7 Telephone: 1-800-275-3281 E-mail: trish_edmond@golder.com	Petar Kolundzija Manager - Environmental Affairs Stelco Inc. 2330 Haldimand Road 3 Nanticoke ON, N0A 1L0 Telephone: 1-905-577-4407 E-mail: consultation@stelco.com
---	---

Under the Freedom of Information and Protection of Privacy Act and the Environmental Assessment Act, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter and will be released, if requested, to any person unless you request that your personal information remain confidential. For more information, please contact the Ministry of the Environment, Conservation and Parks' Freedom of Information and Privacy Coordinator at 416-314-4075.

Royal Canadian Legion Branch 158 will be holding a General Meeting on Tuesday December 14th at 7pm for ALL members of our branch. All members in "Good Standing" are encouraged to attend.

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Lest we forget



November 7, 2021 Remembrance Events

JARVIS—The Jarvis service was led by the Jarvis Ministerial with special music from the Jarvis Lions Club and members of the Simcoe Salvation Army Brass Band. Piper Jim Yates of Townsend led the colour party, followed by the roll call of fallen soldiers and the laying of the wreaths. Photos show: 1. Leslyn Lewis, MP, representing the government of Canada to lay a wreath; 2. Tyler DeBoer (left) and his sister Isabelle represented students of Jarvis Community Christian School; 3/4. Members of the colour guard at the Jarvis cenotaph. —Haldimand Press photos by Sheila Pihibbs.

SELKIRK—The Selkirk service was held by the Selkirk Chamber of Commerce in cooperation with the Selkirk Firefighters Association. It began with a parade from the firehall at noon and moved to the Memorial Gates where a wreath laying ceremony took place. Photos show: 5. Piper Jim Yates leads the colour guard and community in a march; 6. The Memorial Gates following the wreath laying; 7. George Roach and Bill Mitchell salute. —Haldimand Press photos by Charlene McKellar-Papasodaro.

Notice of Virtual Consultation Event #1

Environmental Assessment of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke

Stelco Inc. (“Stelco”) has initiated an Environmental Assessment (EA) under the *Ontario Environmental Assessment Act*, RSO 1990, c. E.18 to expand the existing Quarry Landfill (the “Site”) at its Lake Erie Works (“LEW”).

Stelco is proposing to expand the existing Site, which has been operating since 1984, for the disposal of non-hazardous secondary materials at LEW. The existing Site has limited remaining capacity. The expansion will accommodate continued on-site disposal of non-hazardous steelmaking secondary materials generated at the facility that cannot be reused or recycled, as well as the potential disposal of historical non-hazardous steelmaking secondary materials from its Hamilton Works facility (“HW”), located approximately 70 km from the Site.

Stelco would like to receive community feedback on the proposed expansion of the existing Site and is hosting a virtual consultation event as follows:

November 15 - 28, 2021

Material will be available on the project website: <http://consultation.stelco.com>

There will be a series of directed questions to respond to and/or members of the community can provide any other feedback they have. Following the consultation period, a written response to the feedback received will be provided.

Through the virtual consultation event, the public will learn about the existing Site at Stelco LEW, the need for the Project, components of the environment that will be considered during this EA, available alternatives for future disposal of non-hazardous secondary materials and how those alternatives may be evaluated, the proposed Consultation Plan, the EA process, and next steps for the Project.



For further information on the proposed study, please visit our website (<http://consultation.stelco.com>) or contact:

Trish Edmond, P.Eng.
EA Manager
Golder Associates Ltd.
1931 Robertson Road
Ottawa, ON, K2H 5B7
Telephone: 1-800-275-3281
E-mail: trish_edmond@golder.com

Petar Kolundzija
Manager - Environmental Affairs
Stelco Inc.
2330 Haldimand Road 3
Nanticoke, ON, N0A 1L0
Telephone: 1-905-577-4407
E-mail: consultation@stelco.com

Under the *Freedom of Information and Protection of Privacy Act* and the *Environmental Assessment Act*, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter and will be released, if requested, to any person unless you request that your personal information remain confidential. For more information, please contact the Ministry of the Environment, Conservation and Parks Freedom of Information and Privacy Coordinator at 416-314-4075.

November 11, 2021

D4 – Example Emails Sent

File **Message** Help Tell me what you want to do

Stelco Lake Erie Works - Virtual Consultation Event #1



Petar Kolundzija

To

Bcc

Thu 11/11/2021 3:30 PM

Buck, Taylor (MECP);

Burt, Stephen (MECP);

Stelco Virtual Consultation #1 - Nov 2021.pdf
398 KB

Dear Lake Erie Works CLC Members:

We wish to inform you that Stelco will be hosting a virtual consultation regarding the Terms of Reference for the proposed landfill expansion at Lake Erie Works. Please see attachment for further details.

If you have any questions, do not hesitate to contact me.

Regards,

Petar Kolundzija

Manager

Environmental Affairs



2330 Haldimand Road 3

Nanticoke, ON N0A 1L0

E: petar.kolundzija@stelco.com

O: 519.587.4541 ext. 2506

M: 519.410.2490

W: stelco.com

Edmond, Trish

From: Robinson, Joel
Sent: November 15, 2021 3:14 PM
To: jgallagher@haldimandcounty.on.ca
Cc: Edmond, Trish; Petar.Kolundzija@stelco.com
Subject: Proposed Stelco Landfill Expansion, Notice of Virtual Consultation Event #1
Attachments: Notice of Virtual Consultation#1_Rev1.pdf

Hello,

As mentioned, Stelco Inc. (“Stelco”) has initiated an Environmental Assessment (EA) under the Ontario *Environmental Assessment Act*, RSO 1990, c. E.18 to expand the existing landfill (the “Site”) at its Lake Erie Works (“LEW”) located in Nanticoke, Ontario. Please find attached our Notice of Virtual Consultation Event #1.

Please do not hesitate to contact us if you have any questions.

Regards,
Joel

Joel Robinson (B.Sc., EPT, G.I.T.)
Waste / Geoscientist-in-Training



Golder Associates Ltd.
121 Commerce Park Drive, Unit L, Barrie, Ontario, Canada L4N 8X1
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Please consider the environment before printing this email.

File **Message** Help Tell me what you want to do

Stelco Lake Erie Works - Virtual Consultation Event #1



Petar Kolundzija

To
Bcc

Thu 11/11/2021 3:29 PM

Stelco Virtual Consultation #1 - Nov 2021.pdf
398 KB

Dear Stelco Lake Erie Works neighbours:

We received your email address from your participation at a recent Stelco Community Liaison Committee meeting. We wish to inform you that Stelco will be hosting a virtual consultation regarding the Terms of Reference for the proposed landfill expansion at Lake Erie Works. Please see attachment for further details.

If you have any questions, do not hesitate to contact me.

Regards,

Petar Kolundzija

Manager

Environmental Affairs

2330 Haldimand Road 3
Nanticoke, ON NOA 1L0E: petar.kolundzija@stelco.com

O: 519.587.4541 ext. 2506

M: 519.410.2490

W: stelco.com

D5 – Comments Received and Responses to Public

From: [REDACTED]
To: [Edmond, Trish](#)
Subject: How do i fill this form out on line
Date: November 18, 2021 4:07:43 PM
Attachments: [StelcoVirtualConsultationEvent_1FeedbackForm.pdf](#)

EXTERNAL EMAIL

Or can you send it to me so i can fill and return on line to you
MY family lives in a recreational area within about 1/2 a kilometer of this site
At [REDACTED]

<https://consultation.stelco.com/Content/docs/StelcoVirtualConsultationEvent%201FeedbackForm.pdf>

1. Please provide suite chemical analysis of past waste and future waste for this site
- 2 please provide leachability tests on each waste past and future
- 3 please provide waste toxicity tests on the leachables
- 4 please provide major flood rain planes -[commonly know as once in 100 year flood]
- 5 please provide the philosophical approach to global warming prevention by this project.
6. Please answer this question

WHY WOULD ANY CORPORATION BE ALLOWED A WASTE DUMP WITHIN 1.6 KM OF A LAKE

THANKS

Sent from my iPad

WORK AND STUDY LEADS TO GROWTH

[REDACTED]

BEST TIME TO CALL 9 PM EST

Only when the christian power of love overcomes the evil LOVE OF POWER will the world become peaceful



Environmental Assessment (EA) of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke Terms of Reference Virtual Consultation Event #1 Feedback Form

Thank you for taking the time to provide us with your comments. We welcome you to complete this form after reading or listening to the material for our virtual Consultation Event #1.

If you would like to be added to our project mailing list, please include the appropriate contact information below.

YES, BY MAIL YES, BY EMAIL NO

NAME:	[REDACTED]
EMAIL:	
PHONE NUMBER:	
ADDRESS:	

1. The purpose of this Project is to provide an environmentally safe and cost-effective long-term plan for the management of non-hazardous secondary steelmaking materials from Stelco that cannot be otherwise recycled or reused. Do you have any comments regarding the purpose of this Project?

Note 1

2. Various 'Alternatives To' to address Stelco's waste management requirements were presented and included: close the landfill and export waste, expand the existing landfill, build a new landfill at another Stelco location, use an alternative waste management technology like incineration, enhanced waste diversion and/or do nothing. Do you have comments specific to the potential alternatives? Do you have suggestions for additional alternatives that were not listed in our materials?

Note 2

**TERMS OF REFERENCE VIRTUAL CONSULTATION EVENT #1 FEEDBACK FORM
NOVEMBER 15 to 28, 2021**



3. The following table lists proposed natural, social, economic / financial and technical components of the environment being considered to assess and compare the 'Alternatives To' for non-hazardous waste management. Similar environmental components are also being considered to assess and compare the 'Alternative Methods' to the implementation of our preferred long-term approach to the management of non-hazardous waste.

Please tell us how these rank in importance to you. Are there any environmental components you wish us to consider in addition to what is included in the table below?

Note 3

Components to Assess and Compare 'Alternatives To':

Environmental Component	Sub-Component	Importance		
		Very Important	Important	Less Important
Atmosphere	Air quality/Greenhouse Gas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Geology and Hydrogeology		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface Water		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biology		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Agriculture and Land Use		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cultural Heritage	Archaeology	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Cultural heritage landscapes, built heritage resources	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Socio-Economic	Nuisance factors (i.e., noise, visual)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transportation	Traffic	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Technical Considerations	Ability to operate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Technical risks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Cost and timing of approvals	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Capital and operating costs	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>



4. Were you able to get the information you were looking for at the virtual Consultation Event #1? If not, please explain what additional information you were seeking. Keeping in mind current restrictions associated with the ongoing pandemic, are there other methods of consultation that you feel would have been better suited to explaining this Project? Do you believe this format would be appropriate for future planned consultation events (page 3 of the virtual Consultation Event #1)? Do you agree with the future planned consultation events (page 3 of the virtual Consultation Event #1)?

Note 4

5. Please provide any additional general comments you may have regarding the proposed Project, the Terms of Reference or any of the material provided.

Note 5

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You can provide your comments on the Terms of Reference virtual Consultation Event #1 or any questions you may have about this project by email or mail to:

Petar Kolundzija
 Manager - Environmental Affairs
 Stelco Inc.
 2330 Haldimand Road 3
 Nanticoke, ON, N0A 1L0
 Telephone: 905-577-4407
 E-mail: consultation@stelco.com

or

Trish Edmond, P.Eng.
 EA Project Manager
 Golder Associates Ltd.
 1931 Robertson Road
 Ottawa, ON K2H 5B7
 Telephone: 613-592-9600
 E-mail: trish_edmond@golder.com

TERMS OF REFERENCE VIRTUAL CONSULTATION EVENT #1 FEEDBACK FORM
NOVEMBER 15 to 28, 2021

3



Stelco

Note 1

Please discuss why these wastes cannot be reused or recycled. Is it economic or scientific / technical?

When you say secondary steelmaking materials from Stelco, are you saying that wastes are being brought from other Stelco sites, into my back yard?

Will there be some wastes which are different than those stored at this site already? New wastes?

Note 2

By using the word "incineration" you are saying that the wastes are not inert. They have an organic component. Is this correct?

Will you consider making changes to the steelmaking process itself in order to reduce or even eliminate these wastes? I am talking changes to the existing process or switching to an entirely new process.

Note 3

Please confirm that your design will have due consideration for climate change. Preferably, the design will be based on the modelled business as usual case, RCP 8.5, with full allowances for the extremes, not just the averages. Design based on an historical analysis, say once in 100 years, is no longer applicable. Extrapolation to at least once in 1000 years is more appropriate.

When it comes to waste storage, capital costs and operating costs should in no way limit or compromise your performance. Your 100% on-going performance is required, whatever it costs you.

Note 4

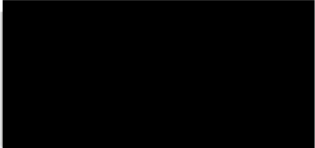
Please define the waste streams individually. As part of this, complete chemical and physical analyses. The chemical analysis should include an elemental analysis that rationalizes to 100%. And it should include a complete ion scan, particularly the metal cations. Please send me the results of past tests, so I can look at your tests protocols and results.

Please provide the results of leachability tests, for all wastes, current and future anticipated. Also, please provide the results of toxicity tests (to fish and other biota) on the leachates.

Please provide information on the aquifer under the waste disposal site: elevation below ground, horizontal area, flow rate, flow direction, depth, chemical analyses. Have there been any releases of leach water from the existing site into the groundwater.

Note 5

I think having a waste disposal site this close to a big lake is a disaster waiting to happen. A lot of wishful thinking going on. Better to build a new landfill at another, more suitable site.



If Stelco does the unthinkable and continues with this site, will Stelco make a commitment that if this site is implemented, then no new wastes would be added without a prior full environmental impact assessment?

Will Stelco establish a dedicated insurance policy to provide prompt compensation to people living in the surrounding areas if there are nuisances, contamination, etc?

January 18, 2021

Project No. 20136711



**ENVIRONMENTAL ASSESSMENT (EA) OF THE PROPOSED QUARRY LANDFILL EXPANSION
STELCO LAKE ERIE WORKS, NANTICOKE
TERMS OF REFERENCE VIRTUAL CONSULTATION EVENT #1, RESPONSE TO COMMENTS RECEIVED**

Dear 

Thank you for taking the time to provide us with your comments via the completion of the feedback form provided related to the Terms of Reference (ToR), Virtual Consultation Event #1 for the EA of the proposed Quarry Landfill expansion located at the Stelco Lake Erie Works, Nanticoke. As requested in your feedback form, we have added you to our mailing list for future updates regarding this EA.

As was noted in the consultation materials, we are currently working on drafting the Terms of Reference that will guide the work and studies during the actual Environmental Assessment. Your comments have provided valuable insight into this process and the EA will consider many of the factors you have noted including the historical groundwater, surface water and leachate monitoring program results, conducting leachability tests, completing a climate change assessment (including flooding) and evaluating potential impacts on groundwater from landfill expansion.

We have also made note of your specific comments related to the 'Alternatives To' and note that the existing waste disposed does not contain organics so incineration as an alternative is only presented to demonstrate all alternatives were considered. It is also important to note that of the existing secondary materials generated by Stelco Lake Erie Works, approximately 93% are regularly diverted by reuse or recycling and only 7% need to be landfilled. The proposal does include receiving some existing unusable secondary materials from Hamilton Works that are the same materials that are generated at the Stelco Lake Erie works.

I would like to note that this consultation is a first step in getting feedback from the local community. The next opportunity for public comment will be when we post a Technical Bulletin summarizing the results of the evaluation of the 'Alternatives To' noted in the consultation materials. The Bulletin will also include high level work plans for the various environmental components that will be studied during the EA. We expect that this Technical Bulletin will be available during the first quarter of 2022.

Once we complete this phase of consultation and the ToR are approved, we will commence another series of public consultation and comment periods related to the actual EA, at which time you will have ample opportunity to share additional comments regarding this project.

Once again thank you for your comments and please reach out if you have additional questions.

Golder Associates Ltd.



Trish Edmond, M.E.Sc., P.Eng.

Principal, Senior Environmental Engineer

PLE/PAS/sg

[https://golderassociates.sharepoint.com/sites/120877/project files/5 technical work/4 consultation documents \(phases1.9, 1.10, 1.11, 1.12, 1.13\)/5_open_house#1 \(phase1.12\)/7 responses to oh#1/public response 18jan22 verc.docx](https://golderassociates.sharepoint.com/sites/120877/project%20files/5%20technical%20work/4%20consultation%20documents%20(phases1.9,%201.10,%201.11,%201.12,%201.13)/5_open_house#1%20(phase1.12)/7%20responses%20to%20oh#1/public%20response%2018jan22%20verc.docx)



**Environmental Assessment (EA) of the Proposed Quarry Landfill Expansion,
Stelco Lake Erie Works, Nanticoke
Terms of Reference Virtual Consultation Event #1 Feedback Form**

Thank you for taking the time to provide us with your comments. We welcome you to complete this form after reading or listening to the material for our virtual Consultation Event #1.

If you would like to be added to our project mailing list, please include the appropriate contact information below.

YES, BY MAIL YES, BY EMAIL NO

NAME:	[REDACTED]
EMAIL:	[REDACTED]
PHONE NUMBER:	[REDACTED]
ADDRESS:	[REDACTED]

1. The purpose of this Project is to provide an environmentally safe and cost-effective long-term plan for the management of non-hazardous secondary steelmaking materials from Stelco that cannot be otherwise recycled or reused. Do you have any comments regarding the purpose of this Project?

YES. How can dumping be environmentally "safe" when the site is directly behind our addresses and the noise pollution is already overwhelming? Environmentally safe for us, the neighbours should outweigh the cost-effectiveness for Stelco.

2. Various 'Alternatives To' to address Stelco's waste management requirements were presented and included: close the landfill and export waste, expand the existing landfill, build a new landfill at another Stelco location, use an alternative waste management technology like incineration, enhanced waste diversion and/or do nothing. Do you have comments specific to the potential alternatives? Do you have suggestions for additional alternatives that were not listed in our materials?

Elmcrest is in favour of Landfill Closure and Export of Waste for Disposal Alternative to #1
Continue diversion activities at the Site
Close the existing landfill
Send waste for off-site disposal
Anything else will add significant air, ground and noise pollution to our community and impede our right to the use and enjoyment of property, individually or in association with others.

3. The following table lists proposed natural, social, economic / financial and technical components of the environment being considered to assess and compare the 'Alternatives To' for non-hazardous waste management. Similar environmental components are also being considered to assess and compare the 'Alternative Methods' to the implementation of our preferred long-term approach to the management of non-hazardous waste.

Please tell us how these rank in importance to you. Are there any environmental components you wish us to consider in addition to what is included in the table below?

NEIGHBOURS. Impact on our community and property.

Components to Assess and Compare 'Alternatives To':

Environmental Component	Sub-Component	Importance		
		Very Important	Important	Less Important
Atmosphere	Air quality/Greenhouse Gas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Geology and Hydrogeology		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface Water		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biology		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Agriculture and Land Use		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cultural Heritage	Archaeology	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Cultural heritage landscapes, built heritage resources	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Socio-Economic	Nuisance factors (i.e., noise, visual)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transportation	Traffic	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Technical Considerations	Ability to operate	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Technical risks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Cost and timing of approvals	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Capital and operating costs	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>



4. Were you able to get the information you were looking for at the virtual Consultation Event #1? If not, please explain what additional information you were seeking. Keeping in mind current restrictions associated with the ongoing pandemic, are there other methods of consultation that you feel would have been better suited to explaining this Project? Do you believe this format would be appropriate for future planned consultation events (page 3 of the virtual Consultation Event #1)? Do you agree with the future planned consultation events (page 3 of the virtual Consultation Event #1)?

We are not able to determine how far the landfill site in distance (km) is from Elmcrest properties as the map is poor, does not include us or the LAKE. A virtual "meeting" - ie: ZOOM would be effective in addition to the material at event # 1. Question and answers directly are always preferred, in the future please consider zoom.

5. Please provide any additional general comments you may have regarding the proposed Project, the Terms of Reference or any of the material provided.

This project has a potentially serious negative impact on the enjoyment of our property. It is not our concern regarding cost effective ways for Stelco to dispose of their waste; it should not impact Elmcrest Associates for Stelco's financial benefit.

Under the *Freedom of Information and Protection of Privacy Act* and the *Environmental Assessment Act*, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter and will be released, if requested, to any person unless you request that your personal information remain confidential. For more information, please contact the Ministry of the Environment, Conservation and Parks Freedom of Information and Privacy Coordinator at 416-314-4075.

You can provide your comments on the Terms of Reference virtual Consultation Event #1 or any questions you may have about this project by email or mail to:

Petar Kolundzija
Manager - Environmental Affairs
Stelco Inc.
2330 Haldimand Road 3
Nanticoke, ON, N0A 1L0
Telephone: 905-577-4407
E-mail: consultation@stelco.com

or

Trish Edmond, P.Eng.
EA Project Manager
Golder Associates Ltd.
1931 Robertson Road
Ottawa, ON K2H 5B7
Telephone: 613-592-9600
E-mail: trish_edmond@golder.com

January 18, 2022

Project No. 20136711



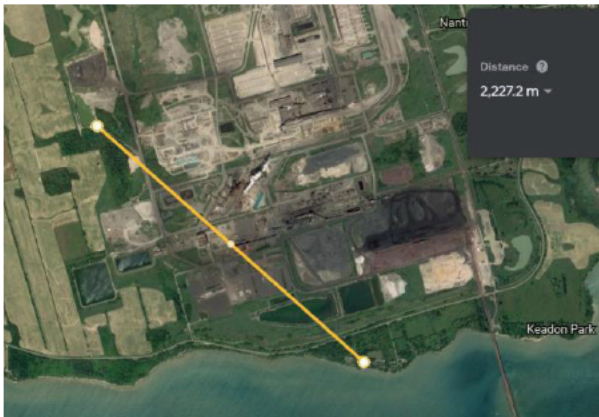
**ENVIRONMENTAL ASSESSMENT (EA) OF THE PROPOSED QUARRY LANDFILL EXPANSION
STELCO LAKE ERIE WORKS, NANTICOKE
TERMS OF REFERENCE VIRTUAL CONSULTATION EVENT #1, RESPONSE TO COMMENTS RECEIVED**

Dear [REDACTED],

Thank you for taking the time to provide us with your comments via the completion of the feedback form provided related to the Terms of Reference (ToR), Virtual Consultation Event #1 for the EA of the proposed Quarry Landfill expansion located at the Stelco Lake Erie Works, Nanticoke. As requested in your feedback form, we have added you to our mailing list for future updates regarding this EA.

As was noted in the consultation materials, we are currently working on drafting the Terms of Reference that will guide the work and studies during the actual Environmental Assessment. Your comments have provided valuable insight into this process and the EA will consider many of the factors you have noted including the potential impact of noise and dust on neighbours, as well as potential impacts to groundwater and on the socio-economic environment.

We have also made note of your specific comments related to meeting platforms and this will be considered in the future. The approximate location of your properties and the southern extent of the existing landfill are provided on the figure below:



I would like to note that this consultation is a first step in getting feedback from the local community. The next opportunity for public comment will be when we post a Technical Bulletin summarizing the results of the evaluation of the 'Alternatives To' noted in the consultation materials. The Bulletin will also include high level work plans for the various environmental components that will be studied during the EA. We expect that this Technical Bulletin will be available during the first quarter of 2022.

Once we complete this phase of consultation and the ToR are approved, we will commence another series of public consultation and comment periods related to the actual EA, at which time you will have ample opportunity to share additional comments regarding this project.

Once again thank you for your comments and please reach out if you have additional questions.

Golder Associates Ltd.



Trish Edmond, M.E.Sc., P.Eng.

Principal, Senior Environmental Engineer

PLE/PAS/sg

[https://golderassociates.sharepoint.com/sites/120877/project_files/5_technical_work/4_consultation_documents_\(phases1.9, 1.10, 1.11, 1.12, 1.13\)/5_open_house#1 \(phase1.12\)/7 responses to oh#1](https://golderassociates.sharepoint.com/sites/120877/project_files/5_technical_work/4_consultation_documents_(phases1.9,1.10,1.11,1.12,1.13)/5_open_house#1(phase1.12)/7_responses_to_oh#118jan22_verc.docx) [REDACTED]



**Environmental Assessment (EA) of the Proposed Quarry Landfill Expansion,
Stelco Lake Erie Works, Nanticoke
Terms of Reference Virtual Consultation Event #1 Feedback Form**

Thank you for taking the time to provide us with your comments. We welcome you to complete this form after reading or listening to the material for our virtual Consultation Event #1.

If you would like to be added to our project mailing list, please include the appropriate contact information below.

YES, BY MAIL YES, BY EMAIL NO

NAME:	[REDACTED]
EMAIL:	[REDACTED]
PHONE NUMBER:	[REDACTED]
ADDRESS:	[REDACTED]

1. The purpose of this Project is to provide an environmentally safe and cost-effective long-term plan for the management of non-hazardous secondary steelmaking materials from Stelco that cannot be otherwise recycled or reused. Do you have any comments regarding the purpose of this Project?

Environmentally the safest plan is to close the landfill site and export the waste, placing the waste at a facility specializing in this type of waste management.

2. Various 'Alternatives To' to address Stelco's waste management requirements were presented and included: close the landfill and export waste, expand the existing landfill, build a new landfill at another Stelco location, use an alternative waste management technology like incineration, enhanced waste diversion and/or do nothing. Do you have comments specific to the potential alternatives? Do you have suggestions for additional alternatives that were not listed in our materials?

Can this material be used to significantly raise the berm surrounding the facility?

3. The following table lists proposed natural, social, economic / financial and technical components of the environment being considered to assess and compare the 'Alternatives To' for non-hazardous waste management. Similar environmental components are also being considered to assess and compare the 'Alternative Methods' to the implementation of our preferred long-term approach to the management of non-hazardous waste.

Please tell us how these rank in importance to you. Are there any environmental components you wish us to consider in addition to what is included in the table below?

Current ground leaching, contaminants in lake, residential property values, need to raise the berm and plant trees as natural filter

Components to Assess and Compare 'Alternatives To':

Environmental Component	Sub-Component	Importance		
		Very Important	Important	Less Important
Atmosphere	Air quality/Greenhouse Gas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Geology and Hydrogeology		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface Water		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biology		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Agriculture and Land Use		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cultural Heritage	Archaeology	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Cultural heritage landscapes, built heritage resources	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Socio-Economic	Nuisance factors (i.e., noise, visual)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transportation	Traffic	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Technical Considerations	Ability to operate	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Technical risks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Cost and timing of approvals	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Capital and operating costs	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>



4. Were you able to get the information you were looking for at the virtual Consultation Event #1? If not, please explain what additional information you were seeking. Keeping in mind current restrictions associated with the ongoing pandemic, are there other methods of consultation that you feel would have been better suited to explaining this Project? Do you believe this format would be appropriate for future planned consultation events (page 3 of the virtual Consultation Event #1)? Do you agree with the future planned consultation events (page 3 of the virtual Consultation Event #1)?

We are not able to determine how far the landfill site in distance (km) is from Elmcrest properties as the map is poor, does not include us or the LAKE. A virtual "meeting" - ie: ZOOM would be effective in addition to the material at event # 1. Question and answers directly are always preferred, in the future please consider zoom.

5. Please provide any additional general comments you may have regarding the proposed Project, the Terms of Reference or any of the material provided.

My home is located 1 km (one) from the proposed landfill expansion, to the south, on the shoreline of Lake Erie.
The current berm between the Stelco site and our properties is far to low and the noise , particulate and view of the facility is very visible already...,only see further expansion making things worse!

Under the *Freedom of Information and Protection of Privacy Act* and the *Environmental Assessment Act*, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter and will be released, if requested, to any person unless you request that your personal information remain confidential. For more information, please contact the Ministry of the Environment, Conservation and Park's Freedom of Information and Privacy Coordinator at 416-314-4075.

You can provide your comments on the Terms of Reference virtual Consultation Event #1 or any questions you may have about this project by email or mail to:

<p>Petar Kolundzija Manager - Environmental Affairs Stelco Inc. 2330 Haldimand Road 3 Nanticoke, ON, N0A 1L0 Telephone: 905-577-4407 E-mail: consultation@stelco.com</p>	or	<p>Trish Edmond, P.Eng. EA Project Manager Golder Associates Ltd. 1931 Robertson Road Ottawa, ON K2H 5B7 Telephone: 613-592-9600 E-mail: trish_edmond@golder.com</p>
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January 18, 2021

Project No. 20136711



**ENVIRONMENTAL ASSESSMENT (EA) OF THE PROPOSED QUARRY LANDFILL EXPANSION
STELCO LAKE ERIE WORKS, NANTICOKE
TERMS OF REFERENCE VIRTUAL CONSULTATION EVENT #1, RESPONSE TO COMMENTS RECEIVED**

Dear [REDACTED],

Thank you for taking the time to provide us with your comments via the completion of the feedback form provided related to the Terms of Reference (ToR), Virtual Consultation Event #1 for the EA of the proposed Quarry Landfill expansion located at the Stelco Lake Erie Works, Nanticoke. As requested in your feedback form, we have added you to our mailing list for future updates regarding this EA.

As was noted in the consultation materials, we are currently working on drafting the Terms of Reference that will guide the work and studies during the actual Environmental Assessment. Your comments have provided valuable insight into this process and the EA will consider many of the factors you have noted including the potential impact of dust, noise and visual effects on neighbours, as well as potential impacts on groundwater and surface water.

We have also made note of your specific comments related to the berms surrounding Lake Erie Works; this will be considered as part of the above noted landfill expansion impact study during the EA process.

I would like to note that this consultation is a first step in getting feedback from the local community. The next opportunity for public comment will be when we post a Technical Bulletin summarizing the results of the evaluation of the 'Alternatives To' noted in the consultation materials. The Bulletin will also include high level work plans for the various environmental components that will be studied during the EA. We expect that this Technical Bulletin will be available during the first quarter of 2022.

Once we complete this phase of consultation and the ToR are approved, we will commence another series of public consultation and comment periods related to the actual EA, at which time you will have ample opportunity to share additional comments regarding this project.

Once again thank you for your comments and please reach out if you have additional questions.

Golder Associates Ltd.



Trish Edmond, M.E.Sc., P.Eng.
Principal, Senior Environmental Engineer

PLE/PAS/sg

[https://golderassociates.sharepoint.com/sites/120877/project files/5 technical work/4 consultation documents \(phases1.9, 1.10, 1.11, 1.12, 1.13\)/5_open_house#1 \(phase1.12\)/7 responses to oh#118jan22 verc.docx](https://golderassociates.sharepoint.com/sites/120877/project%20files/5%20technical%20work/4%20consultation%20documents%20(phases1.9,%201.10,%201.11,%201.12,%201.13)/5_open_house#1%20(phase1.12)/7%20responses%20to%20oh#118jan22%20verc.docx)

APPENDIX E

Technical Bulletin #1

E1 – Technical Bulletin #1 Content

E2 – Technical Bulletin #1 Feedback Form

E3 – Newspaper Advertisements

E4 – Example Emails Sent

E1 – Technical Bulletin #1 Content

What is the ToR?

The Terms of Reference (ToR) sets out the framework for the planning and decision-making process to be followed during the preparation of the EA.

A ToR is not an EA. It outlines what work and studies will be done during the EA stage. Stelco does not need to do the work or the studies at the ToR stage.

The ToR process commenced June 30, 2021.

What is the Environmental Assessment?

The EA is a study, which assesses the potential environmental effects (positive or negative) of this proposed landfill expansion.

Need for Landfill Expansion

Stelco recycles or re-uses approximately 93% of the secondary materials they generate but the remaining 7% of non-hazardous steel-making secondary material requires management.

ENVIRONMENTAL ASSESSMENT

An Environmental Assessment (EA) of the proposed Quarry Landfill expansion is being undertaken under the provincial *Environmental Assessment Act*.

In the previous Virtual Consultation Event #1 (November 2021), Stelco identified available and feasible waste management 'Alternatives To' and a series of environmental components and evaluation criteria and indicators to compare 'Alternatives To'.

COMPARISON OF 'ALTERNATIVES TO'

Since the Virtual Consultation Event #1, Stelco has completed a comparison of 'Alternatives To' and our assessment is provided below.

Environmental Component	Environmental Sub-Component	Alternative 1 ^A	Alternative 2 ^B	Public Ranking ^C
Atmosphere	Air quality/ Greenhouse Gas (GHG)	●	●	Very important
	Noise	●	●	Very important
Geology and Hydrogeology		●	●	Very important
Surface Water		●	●	Very important
Biology		●	●	Very important
Agriculture and Land Use		●	●	Very important
Cultural Heritage	Archaeology	●	●	Very important
	Cultural heritage landscapes, built heritage resources	●	●	Very important
Socio-Economic	Nuisance factors (i.e., dust, noise, visual)	●	●	Very important
Transportation	Traffic	●	●	Very important
Technical Considerations	Ability to operate	●	●	Important
	Technical risks	●	●	Important
	Cost and timing of approvals	●	●	Less Important
	Capital and operating costs	●	●	Less Important

Notes:

● represents equally preferred ● represents more preferred ● represents less preferred

A) Alternative 1: Landfill Site Closure and Export of Waste for Disposal

B) Alternative 2: Landfill Site Expansion

C) Three individuals or groups responded to the request for rankings from Virtual Consultation Event #1, this is the average.

Alternative 2: Landfill Site Expansion was identified by Stelco as the preferred 'Alternative To'.

What is the difference between 'Alternatives To' and 'Alternative Methods'?

'Alternatives To' are functionally different ways of dealing with the problem or opportunity (which in this case is to provide environmentally safe, long-term waste management).

'Alternative Methods' are different ways of doing the same activity. 'Alternative Methods' are different ways of doing the preferred 'Alternative To'. These will be developed in the EA.

Examples of 'Alternative Methods' for landfill expansion: horizontal expansion (including a separate footprint), vertical expansion, or a combination of vertical and horizontal expansion.

The next steps of the ToR are to: identify work plans for the various environmental components to describe existing conditions, assess 'Alternative Methods' of expanding the landfill, compare the 'Alternative Methods', identify mitigation measures and determine net environmental effects of the preferred method of landfill expansion. All of these steps will be conducted in the EA. This technical bulletin describes and requests public feedback about the proposed environmental component work plans.

A reminder that environmental components include the natural, social, economic / financial and technical environment. Small changes from the environmental components used to assess 'Alternatives To' to those proposed for the work plans are proposed as follows:

- Surface water will be split into two sub-components: quality and quantity
- Biology will be split into two sub-components: terrestrial and aquatic
- The land use and agriculture environmental component will be split into two main environmental components, namely: agriculture and land use
- The cultural heritage landscapes and built heritage resources sub-component will be further divided such that cultural heritage landscapes and built heritage resources are individual sub-components
- Socio-economic will be split into three sub-components: local economy, residents and community (nuisance), and visual
- Technical considerations will change from four sub-components to two sub-components: engineered containment and financial

LOCATION OF EXISTING LANDFILL AT LAKE ERIE WORKS (LEW) FACILITY



SUMMARIZED WORK PLANS

Environmental Component / Sub-Component	Data Collection and Field Work	Prediction of Potential Effects for the Preferred 'Alternative Method'*
Atmosphere / Air Quality and GHG	<ul style="list-style-type: none"> • Compile and interpret existing Environment and Climate Change Canada or Ministry of the Environment Conservation and Park's (MECP's) air quality monitoring data and meteorological data. • Review available air quality data from the LEW current landfill (if available) and at Ontario locations outside of the LEW facility in a similar setting with a landfill. • Review aerial photographic mapping and zoning maps. 	<ul style="list-style-type: none"> • Select air indicator compounds (including dust) appropriate for the landfill expansion. • Complete air emission estimates based on published emission factors and available literature. • Execute an air quality dispersion model for the currently approved landfill and for an expanded landfill. • Predict air quality effects for off-site receptors based on an expanded landfill operations scenario and compare them to applicable criteria. • Calculate GHG emissions based on the expanded landfill. • If required, identify mitigation or best management practices. • Develop monitoring, trigger and contingency plans, if relevant.
Atmosphere / Noise	<ul style="list-style-type: none"> • Review aerial imagery and zoning / land use mapping. • Review previously prepared noise studies (if available). • Undertake field program to quantify existing noise levels (if needed). 	<ul style="list-style-type: none"> • Noise emission estimates based on available project-specific information, manufacturer's noise data, and consultant's database of similar noise sources. • Establish applicable noise limits in accordance with accepted MECP practices. • Develop a project/site-specific three-dimensional noise prediction model. • Using the site-specific noise model described above, model the predictable noise levels from the preferred landfill expansion at identified off-site points of reception (existing or potential), and compare them to MECP noise guidelines. • If required, identify mitigation that can be implemented into the design. • Develop monitoring, trigger and contingency plans, if relevant.
Biology / Aquatic Ecosystems	<ul style="list-style-type: none"> • Wetland boundary surveys. • Headwater Drainage Features assessment, if necessary. • Fish habitat survey. • Fish communities survey. • Detailed work plan will be prepared and submitted to Ministry of Northern Development, Mines, Natural Resources and Forestry (MNDMNR) and MECP for review and concurrence. 	<ul style="list-style-type: none"> • Identify areas of potential disturbance including: <ul style="list-style-type: none"> • Potential direct habitat loss/disturbance. • Potential indirect habitat disturbance. • Potential impacts to aquatic species at risk habitat and species. • Identify appropriate mitigation measures, if needed. • Develop monitoring and contingency plans, if relevant.

Environmental Component / Sub-Component	Data Collection and Field Work	Prediction of Potential Effects for the Preferred 'Alternative Method'
Biology / Terrestrial Ecosystems	<ul style="list-style-type: none"> • Botanical surveys. • Ecological land classification. • Herpetile surveys. • Bat surveys. • Breeding Bird Surveys. • Wetland Community Boundary Delineation. • Wildlife habitat and visual encounter surveys. • Species at Risk screening. • Detailed work plan will be prepared and submitted to MNDMNR for review and concurrence. 	<ul style="list-style-type: none"> • Identify potential impacts to species at risk, significant wildlife habitat, wetlands, woodlands, and environmentally significant areas, including: <ul style="list-style-type: none"> • Potential direct habitat loss/disturbance. • Potential indirect habitat disturbance. • Potential impacts to terrestrial species at risk habitat and species. • Potential vegetation removal. • Potential impacts to species • Identify appropriate mitigation measures, if needed. • Develop monitoring, and contingency plans, if relevant.
Geology and Hydrogeology / Groundwater Quality	<ul style="list-style-type: none"> • Complete new leachability testing of waste materials • Review results of existing groundwater monitoring program. • Limited additional field work in the form of drilling in area of possible expansion for geological and hydrogeological testing. 	<ul style="list-style-type: none"> • Prepare a predictive model of landfill performance (contaminant transport model) as per <i>O. Reg. 232/98</i>. • Identify leachate indicator parameters. • Predict concentrations in the groundwater at the property boundary for identified leachate indicator parameters. • Compare the predicted concentrations in the groundwater to the Reasonable Use Criteria. • Evaluate potential for groundwater discharge to surface water and consider potential impacts on surface water quality. • Revise and update mitigation measures, if necessary. • Compare predictive results against approved trigger mechanism and contingency plan, if required. • Predict how long Stelco needs to operate engineering controls, in particular the leachate collections system, to prevent the discharge of potential contaminants.
Surface Water / Surface Water Quality	<ul style="list-style-type: none"> • Review the results of existing surface water monitoring program. • Limited additional field work related to municipal drains or surface water bodies. 	<ul style="list-style-type: none"> • Evaluation of required construction of new on-site facilities (pond(s)) and the facility's ability to mitigate potential changes to surface water quality. • Modeling of proposed surface water facilities (pond(s)) and comparison with MECP and watershed-specific design criteria. • Update trigger mechanism and contingency plan, if required. • Update surface water monitoring program, if required.

Environmental Component / Sub-Component	Data Collection and Field Work	Prediction of Potential Effects for the Preferred 'Alternative Method'
Surface Water / Surface Water Quantity	<ul style="list-style-type: none"> • Field review of stormwater management and drainage outlet locations, if required. • Review existing surface water management features and practices. 	<ul style="list-style-type: none"> • Predict and assess future surface water peak flows and quantity conditions associated with the preferred landfill expansion alternative for a range of storm events (e.g., 2, 5, 10, 25, and 100 year) as required by O.Reg. 232/98, as well as consideration of climate change effects. • Evaluate the need for stormwater management infrastructure to meet O.Reg. 232/98. • Modelling of proposed stormwater management system and comparison with MECP specific design criteria.
Agriculture / Agriculture	<ul style="list-style-type: none"> • A field survey of the study areas to document types of farms, farm improvements, cropping patterns, buildings, etc. • Review aerial photographic mapping, Official Plans and Zoning By-law, Canada Land Inventory mapping and Soils of Haldimand-Norfolk County mapping. • Compile parcel fabric mapping from County. • Interviews with municipal staff, Ontario Ministry of Agriculture, Food and Rural Affairs, Federation of Agriculture and if necessary, property owners. 	<ul style="list-style-type: none"> • Based on the proposed landfill operational practices and/or results of predictive assessments of potential nuisance effects as carried out by other components; the technical and operational considerations component; and groundwater and surface water considerations, the potential effects of the preferred expansion method on existing and proposed on-site and off-site agricultural use will be assessed.
Cultural Heritage / Archaeology	<ul style="list-style-type: none"> • Review and update existing background research including archaeological, historical, and environmental literature. • Review updated list of registered archaeological sites within 1 km of the landfill site. • Complete Stage 1 Archaeology Assessment. If necessary, complete subsequent Stages of archaeological assessment. 	<ul style="list-style-type: none"> • Archaeological sites that will be impacted by the preferred expansion alternative may require further assessment to determine spatial extent, complete a full evaluation of significance, and determine the need for strategies to mitigate impacts and provide future conservation.

Environmental Component / Sub-Component	Data Collection and Field Work	Prediction of Potential Effects for the Preferred 'Alternative Method'*
Cultural Heritage / Cultural Heritage Landscapes	<ul style="list-style-type: none"> • Background research of archival, published and unpublished sources, municipal heritage policies, and historic maps and aerial imagery. • Consultation with municipal heritage planner, if available. • Review of identified cultural heritage resources as part of Official Plan. • Field investigations to document and evaluate existing conditions. 	<ul style="list-style-type: none"> • Determine the potential magnitude, reversibility, extent, duration, and frequency of each type of impact, if present. • Methods to predict potential effects following guidance provided in the Ministry of Heritage, Sport, Tourism, and Culture Industries (MCHSTCI) Ontario Heritage Tool Kit: Heritage Resources in the Land Use Planning Process. • Methods to consist of identifying key vistas and views, sources of direct and indirect impact resulting from construction and operation of the preferred landfill expansion and conservation measures to reduce or avoid impact to cultural heritage landscapes. • Complete a cultural heritage resources impact assessment.
Cultural Heritage / Built Heritage Resources	<ul style="list-style-type: none"> • Background research of archival, published and unpublished sources, municipal heritage policies, and historic maps and aerial imagery. • Consultation with municipal heritage planner, if available. • Review of identified cultural heritage resources as part of Official Plan. • Field investigations to document and evaluate existing conditions. 	<ul style="list-style-type: none"> • Determine the potential magnitude, reversibility, extent, duration, and frequency of each type of impact, if present. • Methods to predict potential effects will follow guidance provided in the (MCHSTCI) Ontario Heritage Tool Kit: Heritage Resources in the Land Use Planning Process. • Methods to consist of identifying resources, sources of direct and indirect impact resulting from construction and operation, and preferred options and conservation measures to reduce or avoid impact to protected heritage resources or newly identified resources of cultural heritage value or interest. • Complete a cultural heritage resources impact assessment.
Land Use / Current and Planned Future Land Use	<ul style="list-style-type: none"> • Review aerial photographic mapping, Official Plan and Zoning By-law. • Compile parcel fabric mapping from County. • Review Provincial Guidelines • Review Provincial Policy Statement 2020. • Interviews with municipal staff to confirm development activity planned in the site-vicinity. 	<ul style="list-style-type: none"> • Based on the proposed operational practices and/or results of predictive assessments of potential nuisance effects as carried out by other components and the design and operation component, the potential compatibility of the preferred method with existing and proposed surrounding land use will be assessed.
Socio-Economic / Local Economy	<ul style="list-style-type: none"> • Review of current and projected employment numbers (during both construction and operation phases). • Review of local business. 	<ul style="list-style-type: none"> • Qualitative assessment of impacts on local businesses from changes at the landfill site, (e.g., loss of patronage, operational impacts). • Impacts on employment as determined by change in employment numbers and resultant economic impact at the local level.



Environmental Component / Sub-Component	Data Collection and Field Work	Prediction of Potential Effects for the Preferred 'Alternative Method'*
Socio-Economic / Residents and Community	<ul style="list-style-type: none"> • Review aerial photography to identify closest residential properties. • Windshield survey of study area to identify residences and businesses (including farms) as well as any other community facilities in the site-vicinity. 	<ul style="list-style-type: none"> • Review of findings from other disciplines – noise, visual, air quality to ascertain potential nuisance effects on residential receptors from landfill expansion. • Evaluate level of potential nuisance effects once mitigation measures and best management practices have been implemented to determine change from baseline (current) conditions. • Evaluate if the preferred alternative could cause displacement of residents.
Socio-Economic / Visual	<ul style="list-style-type: none"> • Field investigations to identify key viewpoints and obtain photos. • Use software to produce representative 3D perspective images for each viewpoint. 	<ul style="list-style-type: none"> • Prepare 3D models from each viewpoint for the preferred landfill expansion 'Alternative Method' and render them with appropriate surface material / vegetation cover (turf, meadow, trees, etc.). • Compare the landfill expansion model of the preferred 'Alternative Method' with the existing site conditions model and describe potential impacts. • Apply conceptual level mitigation measures to preferred landfill expansion alternative, if required. Identify the degree of visual impact.
Transportation / Traffic	<ul style="list-style-type: none"> • Obtain available traffic data for selected intersections and corridors within haul route study area. • Conduct traffic count estimates if recent or sufficient data does not exist. 	<ul style="list-style-type: none"> • Assess existing hourly and daily carrying capacity of the haul route study area roads. • Assess existing intersection level of service and other performance metrics for the selected haul route study area intersections to confirm overall intersection and critical movement performance (capacity and delay) • Assess future traffic operation and safety requirements of defined study area (adjacent roadway and haul route) conditions. • Assess potential intersection geometric requirements for mitigation. Undertake warrants to confirm any required improvements, i.e., auxiliary lane and/or intersection control requirements, as necessary.

Technical Bulletin #1

June 2022



Environmental Component / Sub-Component	Data Collection and Field Work	Prediction of Potential Effects for the Preferred 'Alternative Method'
Design and Operations / Engineered Containment	<ul style="list-style-type: none"> • Calculate landfill footprint areas, excavation volumes, height, and airspace for each alternative. 	<ul style="list-style-type: none"> • Prepare overall materials balance (excavation, cover and fill requirements). • Establish a geotechnical model for the Site and complete a geotechnical assessment of preferred alternative (the expected settlement performance and stability of the landfill configuration). • Assess the effects that short and long-term settlements may have on the operations of the new cells. • Develop an estimate of the quantity of leachate generated from the expansion. • Prepare conceptual design of leachate collection system.
Design and Operations / Financial	<ul style="list-style-type: none"> • Estimated cost for alternative designs. 	<ul style="list-style-type: none"> • Develop an estimate of probable cost for construction and operation for the preferred alternative.

Notes:

After data collection and field work and before the prediction of potential effects for the preferred 'Alternative Method' the 'Alternative Methods' will be compared qualitatively for each environmental component and sub-component.

What are 'Monitoring and Contingency Plans'?

Monitoring plans are how Stelco will comply with the commitments made during this assessment such that the expected environmental effects are verified and meet regulations. (e.g., ongoing monitoring of groundwater and surface water quality).

Contingency plans are what Stelco will do to manage unexpected adverse environmental impacts discovered by the monitoring programs.

IN ADDITION TO THE WORK PLANS, WHAT ELSE WILL BE COMPLETED IN THE EA?

- Collect feedback from public and stakeholders on the proposed 'Alternative Methods' and the identified preferred 'Alternative Method'
- Determine net effects on the environment of the proposed 'Alternative Method' of landfill expansion including a comparison to 'Do Nothing'
- Develop mitigation measures for the preferred 'Alternative Method'
- Consider climate change impacts of the preferred 'Alternative Method'
- Assess cumulative impacts of the preferred 'Alternative Method'
- Develop Monitoring and Contingency Plans
- Prepare the Environmental Assessment Study Report

Climate change includes:

Potential impact of climate change on the landfill expansion (i.e., climate change adaptation) and the landfill expansion's potential impact on climate change (i.e., climate change mitigation).

What is a cumulative impact assessment?

A cumulative impact assessment reviews the potential qualitative effects of the proposed landfill expansion in combination with past, present, and reasonably foreseeable future activities, where possible.

NEXT CONSULTATION ACTIVITIES

Draft ToR: a summary document of the proposed Project, the Project need or rationale, environmental components considered, the existing environment, 'Alternatives To', how the 'Alternatives To' were considered, consultation undertaken and the results, future consultation during the EA, work plans for the EA and ToR commitments.

We will post information on the project website as it becomes available: <http://consultation.stelco.com>

QUESTIONS, FEEDBACK AND COMMENTS?

We encourage you to let us know your thoughts by sending your comments to consultation@stelco.com and/or using the attached comment form by June 24, 2022.

Or contact us at 1-905-577-4407 for any accessibility requirements.

If you would like to be notified of any Project updates, please let us know and provide either an email address or your mailing address.



E2 – Technical Bulletin #1 Feedback Form



**Environmental Assessment (EA) of the Proposed Quarry Landfill Expansion,
Stelco Lake Erie Works, Nanticoke
Terms of Reference Technical Bulletin #1 Feedback Form**

Thank you for taking the time to provide us with your comments. We welcome you to complete this form after reading the material contained in our Technical Bulletin #1.

If you would like to be added to our project mailing list, please include the appropriate contact information below.

YES, BY MAIL **YES, BY EMAIL** **NO**

NAME:	
EMAIL:	
PHONE NUMBER:	
ADDRESS:	

1. Various 'Alternatives To' to address Stelco's long term waste management requirements were compared. The alternatives identified were: a) close the landfill and export waste, or b) expand the existing landfill. Noting that the technical bulletin provides only a high-level summary of the comparison and more details will be available in the draft Terms of Reference (ToR), do you have comments or questions about the comparison?

2. The proposed natural, social, economic / financial and technical components of the environment being considered to assess and compare the 'Alternatives To' for non-hazardous waste management are proposed to be slightly updated to assess and compare the 'Alternative Methods' of landfill expansion as the preferred long-term approach to the management of non-hazardous waste.

Are there any questions related to the updated components of the environment being considered?



3. The environmental component work plans provided in Technical Bulletin #1 are summaries of more detailed work plans outlined in the draft ToR. Are there other areas or ideas of things you have identified that should be studied during the EA related specifically to the Quarry Landfill expansion?

Under the *Freedom of Information and Protection of Privacy Act* and the *Environmental Assessment Act*, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter and will be released, if requested, to any person unless you request that your personal information remain confidential. For more information, please contact the Ministry of the Environment, Conservation and Parks Freedom of Information and Privacy Coordinator at 416-327-1434.

You can provide your comments on the Terms of Reference Technical Bulletin #1 or any questions you may have about this project by email or mail to:

Petar Kolundzija
Manager - Environmental Affairs
Stelco Inc.
2330 Haldimand Road 3
Nanticoke, ON, N0A 1L0
Telephone: 905-577-4407
E-mail: consultation@stelco.com

or

Trish Edmond, P.Eng.
EA Project Manager
Golder Associates Ltd. a WSP
Company
1931 Robertson Road
Ottawa, ON K2H 5B7
Telephone: 613-592-9600
E-mail: trish.edmond@wsp.com

E3 – Newspaper Advertisements

Climate Action Haldimand-Norfolk announces results of provincial election candidate questionnaire results

From Climate Action Haldimand-Norfolk
To The Haldimand Press

HALDIMAND—The science on climate change is unequivocal, as is the need to act immediately. Climate change is the biggest threat to present and future generations and to our natural world. The recent extreme events in Canada's west remind us of the cost of failing to address the climate crisis.

Locally in Haldimand Norfolk (HN), storms have resulted in flooding, erosion, damage, and power outages. The average number of days with a maximum temperature over 30 Celsius is expected to triple in HN by 2050, from 22 to 66, and more extreme weather events will accompany this warming.

The majority of greenhouse gases (GHGs) in Ontario are due to vehicle emissions. The second highest source of GHG emissions is from heating buildings.

Food security is a huge issue in a changing climate, and HN includes significant productive farmland. Ontario is losing 175 acres of farmland per day. HN is also home to many wonderful natural areas, which serve to mitigate climate change by absorbing carbon, cooling the immediate area, absorbing and cleansing runoff, and supporting wildlife that keep pests in check.

Considering the above climate change facts, we asked the local candidates for MPP in the upcoming June 2 provincial election several questions. We received responses from Sarah Lowe (NDP), Erik Coverdale (Green Party), Nate Hawkins (Blue Party), and Aziz Chouhdery that agreed to support the following points:

- Transition to zero emissions travel in

HN through appropriate tax incentives, rebates, and improved planning requirements (no response from Chouhdery on this specific point)

- Support measures to eliminate/reduce GHGs from buildings through new building standards and incentives to weather-proof and transition to electric heat pumps
- Support the expansion of renewable energy production and ensure no new fossil fuel electricity plants are built in Ontario
- Protect farmland from urban development
- Protect natural areas, including restoring mandatory protection of all endangered species habitat, cancelling broad Endangered Species Act exemptions, and take measures to expand woodlands, wetlands, and native prairies
- Take measures to assist farmers in adapting to and mitigating climate change by supporting regenerative farming techniques, transition to zero-emissions equipment, and natural solutions to problems with runoff and erosion
- Assist the HN community in preparing for increasingly extreme weather expected with climate change

No replies were received from Ken Hewitt, PC Party; Thecla Ross, Freedom Party; or Sheldon Simpson, Ontario Party. We were unable to contact George McMorrow, Independent. Bobbi Ann Brady, Independent, did not provide a response to the above points but provided a general comment. Additional comments as follows:

Sarah Lowe, NDP

The Green New Democratic New Deal

outlines our climate plan. Central to the plan is a transition to zero emissions by 2050 while also ensuring that good, unionized, well paying jobs do not simply disappear. Revenue raised from an NDP Cap and Trade system will help workers impacted transition to climate friendly industries.

Development does not have to mean sprawl. We can build affordable, low (or no) GHG, high density housing in every community....

Environmental stewardship is not at odds with rural values. We have seen the impacts of climate change firsthand here in HN and we understand that much more needs to be done.

Erik Coverdale, Green Party

Federal green homes grant program is very successful, but limited. I would work with municipal and federal governments to implement something like the Alberta Clean Energy Improvement Program. In this program loans have long repayment terms of up to 25 years depending on your agreement and are repaid through your property tax bill. Eligible expenses include replacing your heating system, upgrading insulation, and adding solar panels.

Geothermal energy is great; I would like to see it become more mainstream.

Nate Hawkins, Blue Party

I would want to ensure that all measures and tax incentives were of a direct benefit to the people of Haldimand-Norfolk. All measures to mitigate runoff, erosion, and farming techniques would have to be done with the full collaboration and buy in of local farmers.

It will be important to infill housing in urban areas to reduce urban sprawl. We must

also allow houses to retrofit or build with granny suites/basement apartments to reduce the cost of home ownership that has skyrocketed in the last five years.

Aziz Chouhdery, Liberal Party

I support zero emissions and electric cars, but this technology is still evolving and many car manufacturers have not started electric cars. In the meantime, we can use hybrid cars and should minimize vehicle use by travelling through public transport. We will ensure public transport is available for the community.

Bobbi Ann Brady, Independent

The focus on climate change seems to be on big government and taxes in Canada. I propose a different solution. First, we don't need carbon taxes ... (which) is driving up inflation and the cost of living.

However, we can't ignore climate change. We have to do more, but we need real solutions.... In some European countries they don't depend on centralized power generation as much as solar panels on the roof of every house. Let's look at making that part of the building code in Ontario. Maybe we also need to look at the colour of our roofs (to affect building temperature).

Agriculture is often blamed as a problem for carbon, but I think it can be part of the solution. Programs like ALUS, which I ... assisted with getting off the ground in Haldimand, are part of the solution....

My solutions aren't mainstream touted by left-wing idealists, nor will they likely be popular with developers; they are pragmatic ideas to make a difference.... I am open to other suggestions and working with other parties and organizations for their ideas.

Environmental Assessment of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke, Notice of Technical Bulletin #1

Stelco Inc. (Stelco) has initiated an Environmental Assessment (EA) under the *Ontario Environmental Assessment Act*, RSO 1990, c. E.18 to expand the existing Quarry Landfill (the Site) at its Lake Erie Works (LEW).

Stelco is proposing to expand the existing Site, which has been operating since 1984, for the disposal of non-hazardous secondary materials generated at LEW. The existing Site has limited remaining capacity. The expansion will accommodate continued on-site disposal of non-hazardous steel-making secondary materials generated at the facility that cannot be reused or recycled, as well as the potential disposal of historical non-hazardous steel-making secondary materials from its Hamilton Works facility (HW), located approximately 70 km from the Site.

Stelco would like to receive community feedback on the proposed expansion of the existing Site and is circulating a Technical Bulletin as follows:

The consultation period will commence June 10, 2022 and conclude June 24, 2022

Material will be available on the project website: <http://consultation.stelco.com>

There will be a series of directed questions on which to respond with your feedback, and/or members of the community can provide any other feedback they have. A hardcopy or an electronic copy of these documents can be made available upon request.

Through Technical Bulletin #1, the public will learn about the final results of the 'Alternatives To' comparison, description of the proposed work plans to be used by each environmental component team to assess existing conditions, compare 'Alternative Methods' and detail the impact of the proposed expansion for use in the EA.

For further information on the proposed study and to sign up for e-mail notification, please visit our website (<http://consultation.stelco.com>) or contact:

Trish Edmond, P.Eng.
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May 26, 2022



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Public Notices

Environmental Assessment of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke, Notice of Technical Bulletin #1



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Trish Edmond P. Eng EA Manager Golder Associates LTD 1931 Robertson Road Ottawa, ON, K2H 5B7 Telephone: 1-800-275-3281 E-mail: trish_edmond@golder.com	Petar Kolundzija Manager - Environmental Affairs Stelco Inc. 2330 Haldimand Road 3 Nanticoke ON, N0A 1L0 Telephone: 1-905-577-4407 E-mail: consultation@stelco.com
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Obituaries

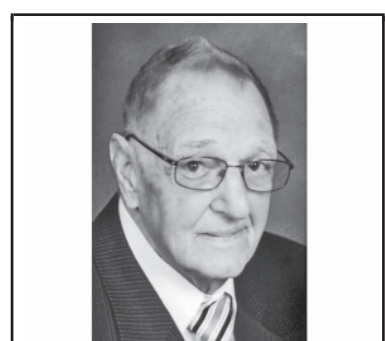


COLIBABA, Peter

It is with heavy hearts that we announce the passing of Peter Colibaba. Surrounded by his family, Peter passed away peacefully at Norfolk General Hospital on May 18, 2022 at the age of 79. Husband to Gay (nee Dyer); loving father to Ann (Greg) Kolesar, Laurie Colibaba, and Bradley (Stephanie) Colibaba; cherished grandfather to Emily, Shelby, Brittany, Brock, and Collin; and great-grandfather to Dominic. Dear brother to Margaret (George) Atlee, Danny (Ursula), Bill (Debbie), Steve (Nancy), Paul (Dusty), Jim (Brenda), and Mary Ann (Bernie) Smith. Predeceased by parents Peter and Annie Colibaba, sisters Helen Dittmer, Rose Shields, Jenny Simpson, Lorraine Billyard, Annie Simpson, and brothers Mike, George, and Nick. Remembered for his love of the great outdoors, Peter will be missed by many, including his nieces, nephews, extended family, and friends. Those wishing to remember Peter can make a donation in his name to the Canadian Heart and Stroke Foundation or the Norfolk General Hospital Foundation. Funeral arrangements are entrusted with Thompson-Mott Funeral Home, Waterford, 519-443-5332. www.thompsonmottfuneralhome.com



Obituaries



FESS, Bruce William

Passed away peacefully into the arms of his Lord, with his family by his side at Parkview Meadows, Townsend on Wednesday, May 25, 2022 at the age of 89. Predeceased by his loving wife Margaret (nee Snider) Fess (2021). Loving father to Garry (Judy), Gloria Harper (Rick) and Greg. He was always happiest surrounded by his grandchildren and great-grandchildren, Andrew (Heather), their children Ava, Judah, Levi and Jonas; Michael (Laura), their children Ellis and Hewitt; Daniel (fiancée Robin), Laura Young (Doug), children Harrison and Eliot; Gerald Fess; Sam Fess and Katelyn Harper. Beloved son of the late Gerald & Gertrude Fess. Bruce will be greatly missed by his niece and nephews and their families. Bruce and Marg loved to travel and have seen many parts of the world. A special thank you to the wonderful nurses, PSWs, and staff, Dr. Medve and nurse practitioner Lisa Deonarine at Parkview Meadows, Townsend - Gardenview for their love and caregiving to Bruce. Friends are invited to share their memories of Bruce with his family at the Jason Smith Funeral Chapel, 689 Norfolk St. North Simcoe N3Y 3R3 for visitation on Sunday, May 29, 2022 from 1:00 - 3:00 p.m. A funeral service will be held at Emmanuel Bible Church, 24 Churchill Circle, Simcoe on Monday morning at 11:00 a.m. Interment: Rainham White Church Cemetery, Fisherville In lieu of flowers, please consider a donation to Teen Challenge, The Gideons, or the Heart & Stroke Foundation. Personal online condolences at www.smithfuneralchapel.com (519) 426-0199



MUDFORD, Marna Lynn (nee Weaver)

Of Port Rowa, went to be with Jesus peacefully at her home surrounded by her family on Wednesday, May 25, 2022 at the age of 80.

Beloved wife of Murray whom she married January 25, 1974. Loving mother of David and Deb Mather of Port Dover, Trevor and Lynn Mudford of Tillsonburg, Paul Mudford of Mattawa, Darryl and Alison Mudford of Tillsonburg, Leanne and Dwight Rabey of Moffet, Quebec, Yvonne Kearns of Tillsonburg, Cheryl and Mike Kunkel of Port Rowan and Lynda Schoffro of Port Rowan. Sadly missed by her 19 grandchildren and 14 great-grandchildren. Dear sister of Karen Weaver of Bancroft.

Predeceased by her parents Willis and Jean (McConnell) Weaver and by her brother-in-law Grant Vernon.

Relatives and friends will be received at the Jeffrey W. Glendinning Funeral Home, 36 Front St. Port Rowan on Sunday from 1-4p.m. Funeral Service will be conducted in the Clark Chapel of the funeral home on Monday, May 30, 2022 at 1:00p.m. Interment to follow in Fairview Cemetery, Port Rowan.

In lieu of flowers, donations to the ShareWord Global (Gideon's) or to the Courage for Freedom would be appreciated by the family. Personal condolences can be posted at www.gffh.ca



E4 – Example Emails Sent

From: [Petar Kolundzija](#)
Cc: [Katie Chan](#); [Trevor Harris \(Trevor.Harris@stelco.com\)](mailto:Trevor.Harris@stelco.com)
Bcc: [REDACTED]; [Burt, Stephen \(MECP\)](#); [REDACTED]; [Gamble, Jeremy \(MECP\)](#); [Durst, Michael \(MECP\)](#); [Mark Demelo \(mark.demelo@stelco.com\)](mailto:Mark.Demelo@stelco.com)
Subject: Stelco Lake Erie Works - Notice of Technical Bulletin #1
Date: Thursday, May 26, 2022 9:44:00 AM
Attachments: [2022 May 24 Notice of Technical Bulletin #1 RevB FINAL.pdf](#)
[image001.jpg](#)

Dear Lake Erie Works CLC Members:

We wish to inform you that Stelco will be circulating a technical bulletin regarding the Terms of Reference for the proposed landfill expansion at Lake Erie Works. Please see attachment for further details.

If you have any questions, do not hesitate to contact me.

Regards,

Petar Kolundzija

Manager

Environmental Affairs



2330 Haldimand Road 3

Nanticoke, ON N0A 1L0

E: petar.kolundzija@stelco.com

O: 519.587.4541 ext. 2506

M: 519.410.2490

W: stelco.com

From: [Petar Kolundzija](#)
Cc: [Katie Chan \(katie.chan@stelco.com\)](mailto:katie.chan@stelco.com)
Bcc: [REDACTED]
[REDACTED] [Trevor Harris \(Trevor.Harris@stelco.com\)](mailto:Trevor.Harris@stelco.com); [Mark DeMelo \(mark.demelo@stelco.com\)](mailto:Mark.Demelo@stelco.com)
Subject: Stelco Lake Erie Works - Notice of Technical Bulletin #1
Date: Thursday, May 26, 2022 9:45:00 AM
Attachments: [2022 May 24 Notice of Technical Bulletin #1 RevB FINAL.pdf](#)
[image001.jpg](#)

Dear Stelco Lake Erie Works neighbours:

We wish to inform you that Stelco will be circulating a technical bulletin regarding the Terms of Reference for the proposed landfill expansion at Lake Erie Works. Please see attachment for further details.

If you have any questions, do not hesitate to contact me.

Regards,

Petar Kolundzija

Manager

Environmental Affairs



2330 Haldimand Road 3

Nanticoke, ON NOA 1L0

E: petar.kolundzija@stelco.com

O: 519.587.4541 ext. 2506

M: 519.410.2490

W: stelco.com

From: [Robinson, Joel](#)
To: Kendrick.Doll@ontario.ca; rob.nickel@ontario.ca; taylor.buck@ontario.ca
Cc: [Edmond, Trish](#); [Petar Kolundzija](#)
Subject: Proposed Stelco Landfill Expansion, Notice of Technical Bulletin #1
Date: May 27, 2022 4:20:00 PM
Attachments: [Notice of Technical Bulletin #1.pdf](#)

Hello,

We wish to inform you that Stelco will be circulating Technical Bulletin #1 regarding the Terms of Reference (ToR) for the proposed landfill expansion at the Lake Erie Works (LEW). Please see attachment for further details.

Please do not hesitate to contact us if you have any questions.

Regards,

Joel Robinson
Hydrogeologist, P.Geo.

T+ 1 705-722-4492
M+ 1 249-535-1009



121 Commerce Park Drive, Unit L, Barrie, Ontario, Canada L4N 8X1

wsp.com | golder.com

WSP and Golder have joined together to form the premier environmental consultancy in the industry. Together we are 14,000 strong, future ready and delivering innovative solutions to our clients around the globe.

APPENDIX F

Other Engagement



The Steel Company of Canada

**Lake Erie Works
Community Liaison Committee Meeting
Q1 2021**

April 2021

Agenda

1. Introductions
2. Coke Battery Performance – Method 303 Results
3. Quarry Landfill Expansion Project
4. LEW Coke Battery Rehabilitation Project Update
5. Community Feedback
6. Adjournment

Coke Battery Performance – Method 303: Performance Review – Daily During Rehabilitation Project (Jan – Mar 2021)

Date	Doors (% Leaks)	Lids (% Leaks)	Off-takes (% Leaks)
2015 Thresholds (July 2 start)	54%	2%	NA
2016 Thresholds	32%	2%	NA
2017-2019 Thresholds	10%	2%	5%
2020 - 2021 Thresholds	5%	1%	4%
Jan 1– Mar 31, 2020 Range (Average)	0.0 – 5.56% (1.64%)	0.0 – 2.63% (0.06%)	0.00 – 8.33% (1.73%)

Daily Measurements Performed

- All weekdays, except for holidays
- 2 Saturdays
- 3 Sundays

Jan 1 to Mar 31 Operational Adjustments

- 8 operational adjustments for offtakes
- 2 operational adjustments for doors
- 2 operational adjustments for lids

These results not reflective of typical performance due to significant battery rehabilitation.



Coke Battery Performance – Method 303: Performance Review – 30 Day Rolling Averages During Rehabilitation Project (Jan – Mar 2021)

Date	Doors (% Leaks)	Lids (% Leaks)	Off-takes (% Leaks)	Charging (sec) (log avg)
2015 Limits (July 2 start)	38%	0.8%	25%	12 sec
2016 Limits	22.5%	0.8%	15%	12 s
2017-2019 Limits	7%	0.8%	4.2%	12 s
2020 - 2021 Limits	4%	0.4%	2.5%	12 s
Jan 1 – Mar 31, 2021 Range (Average)	1.46 – 1.96% (1.69%)	0.00 – 0.09% (0.02)	1.27 – 2.37% (1.80%)	5.47 – 6.57s (6.01s)

Jan 1 – Mar 31, 2021 Performance

- In compliance with current performance limits

These results not reflective of typical performance due to significant battery rehabilitation.

Coke Battery Performance – Method 303: Performance Review – Daily Observations – During Rehabilitation Project (Jan - Mar 2021)

Date	Pushing Emission (opacity %)
2015 Threshold (July 2 start)	≥ 50%
2016 – 2018	≥ 50%
2019	≥ 40%
2020 - 2021	≥ 30%
Jan 1 – Mar 31, 2021 Range (Average)	0 – 47% (6.43%)

January 1 – March 31, 2021 Operational Adjustments

- 2 operational adjustments for pushing

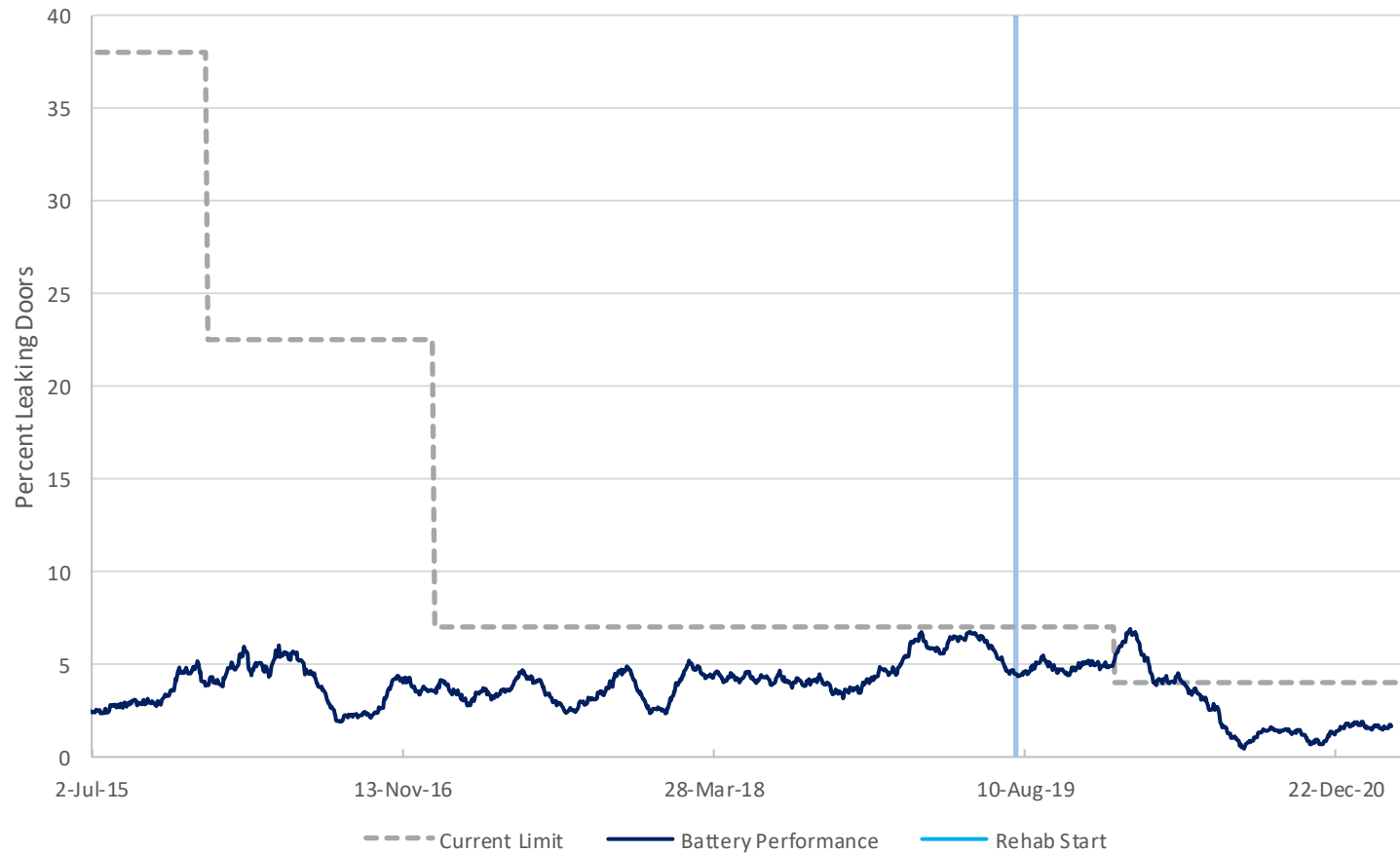
These results not reflective of typical performance due to on-going significant battery rehabilitation.



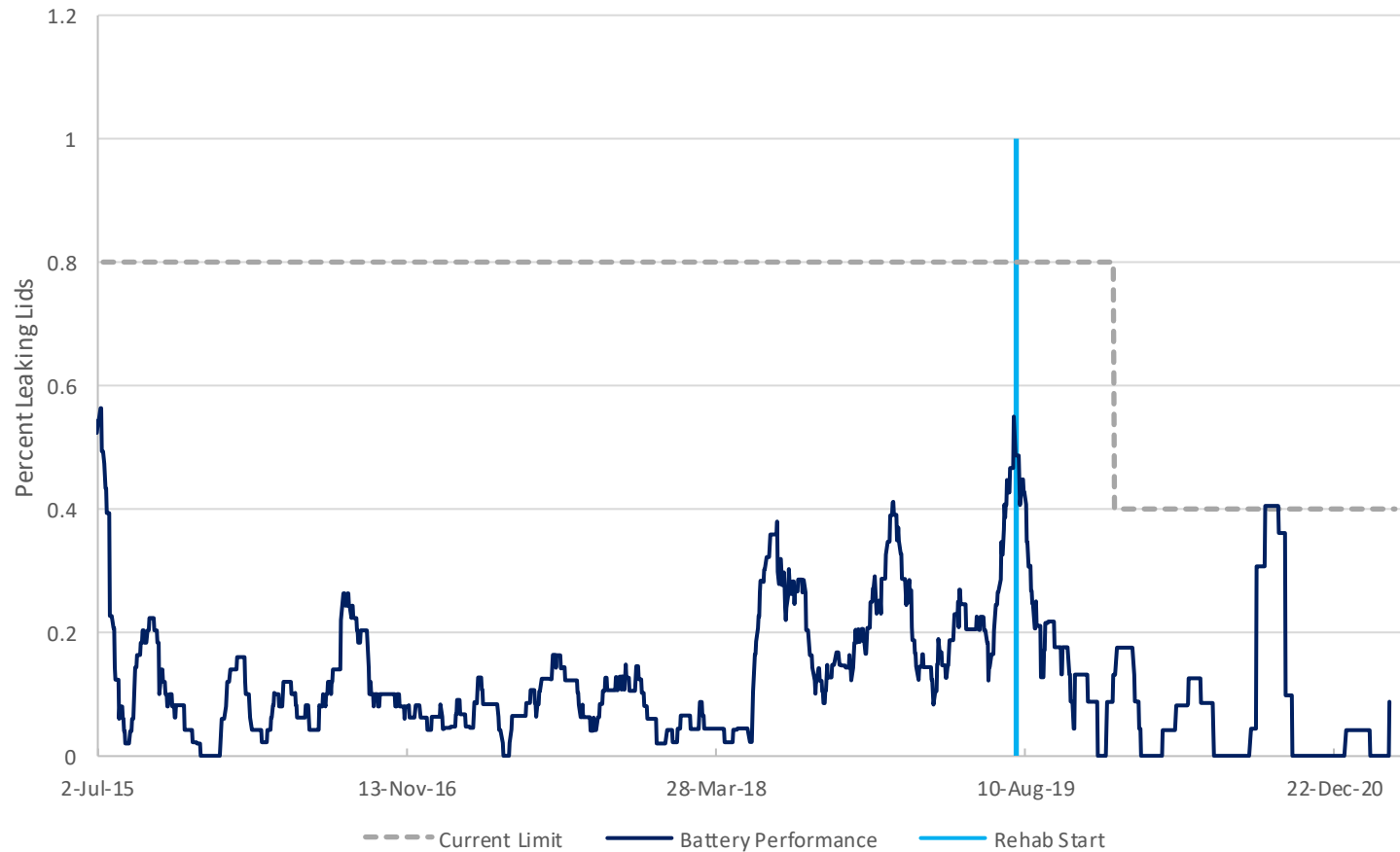
Coke Battery Performance – Method 303: Performance Review – Additional Items

- There were no community complaints for the period of Q1 2021 related to the Site-Specific Standard
- MECP to provide verbal comments

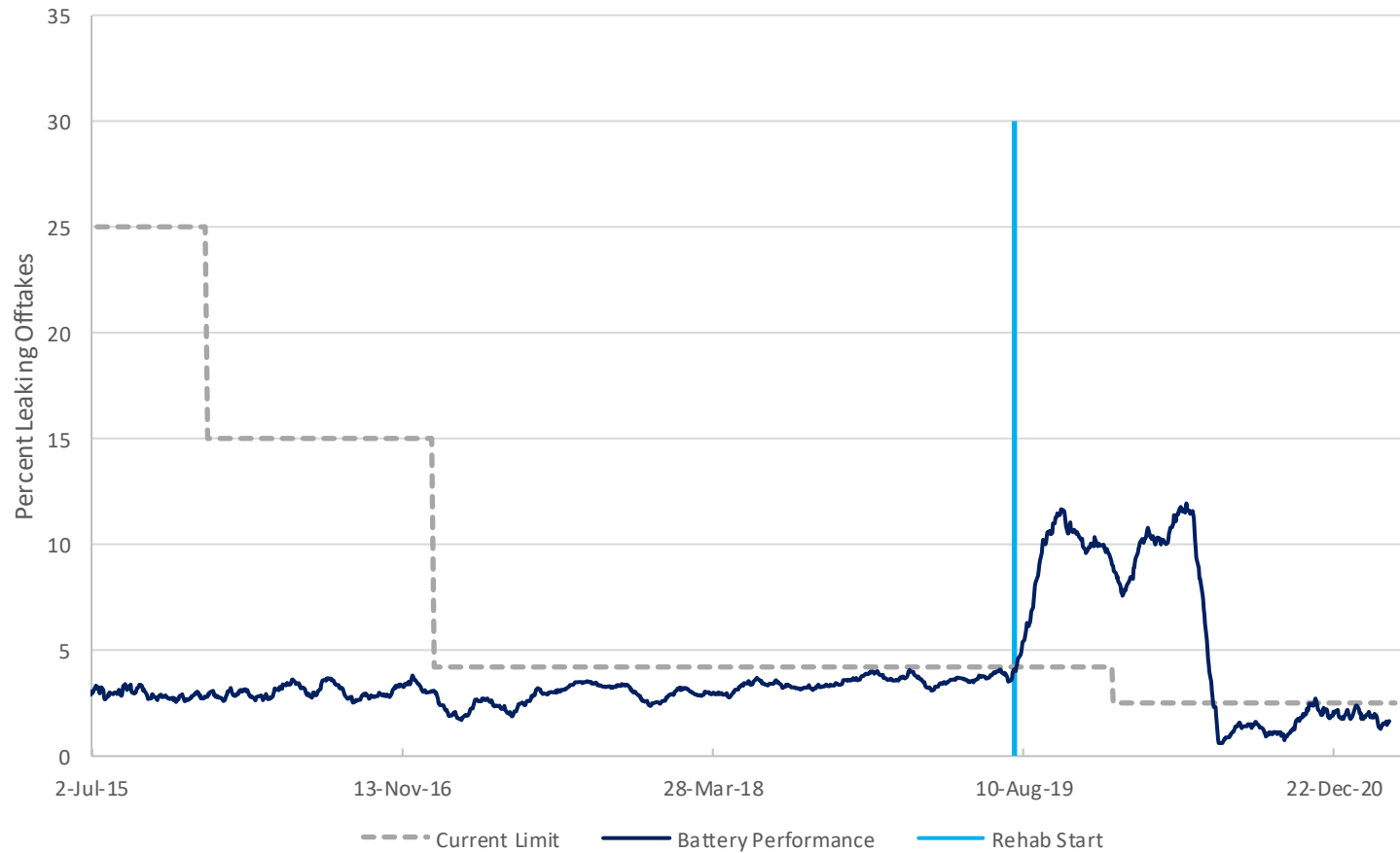
Action Item: 30 Day Rolling Average of Door Emissions



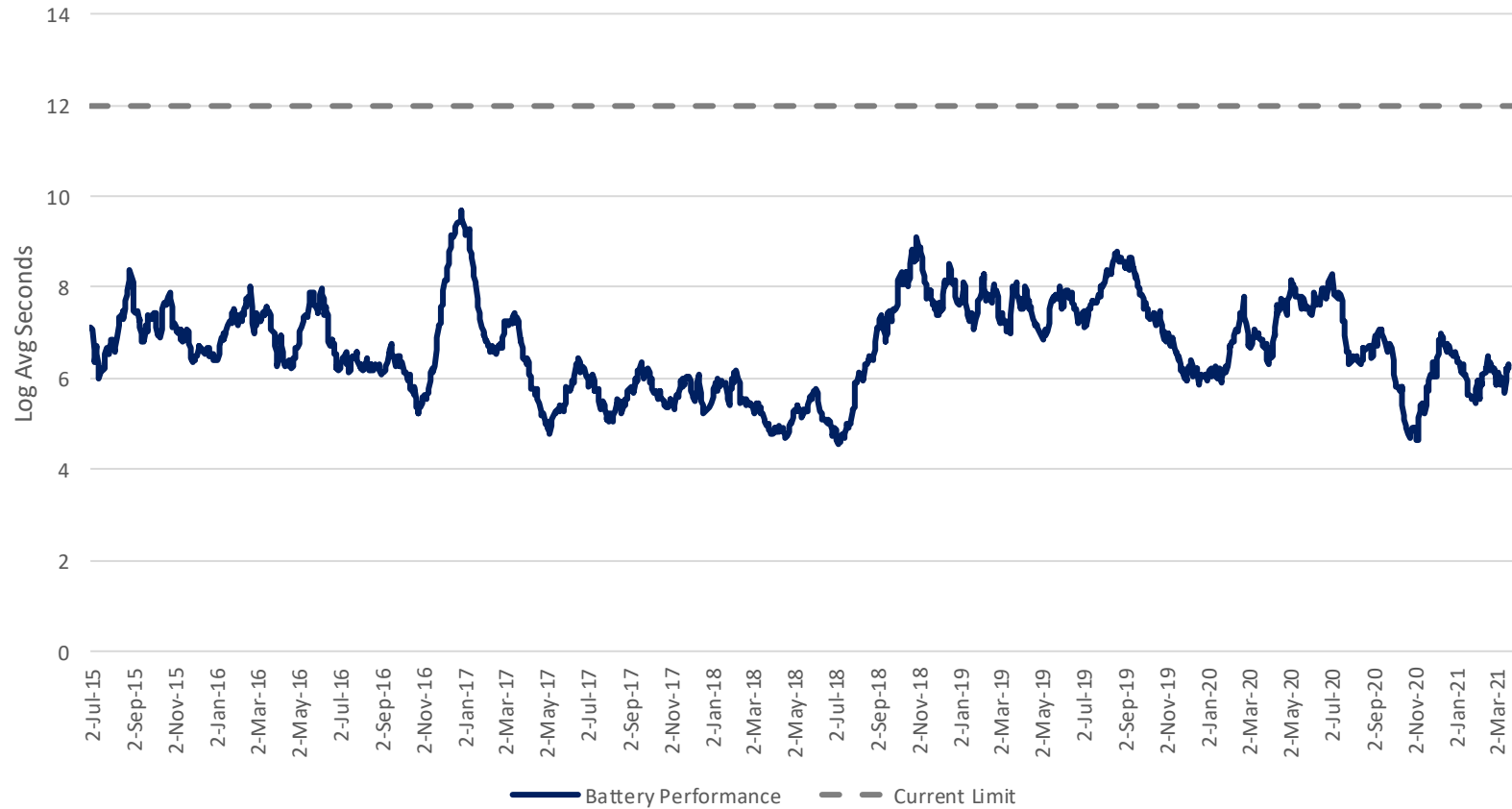
Action Item: 30 Day Rolling Average of Lid Emissions



Action Item: 30 Day Rolling Average of Offtake Emissions



Action Item: 30 Day Rolling Average of Charging Emissions



LEW Quarry Landfill Expansion Project

Project Scope

- The LEW quarry landfill houses non-hazardous waste materials that cannot be reused or recycled, and it forecast to reach its capacity in the next few years
- The use of an internal landfill reduces the burden on external landfills that have limited capacity for public use.
- To address the capacity limitations and to prevent adverse impacts on public landfill capacity, Stelco Lake Erie Works is preparing to initiate an Environmental Assessment to expand the quarry landfill.
- The proposal may also include the disposal of historical non-hazardous secondary materials from Hamilton Works.
- Project information pertinent to the public will be either published in local newspapers or made available through Stelco's website.
- This process is expected to take several years to complete, during which time we will continue to consult with the CLC.

LEW Coke Battery Rehabilitation Project Update

Community Feedback

Next Meeting Dates

- Wed. July 28, 2021
- Wed. Oct. 27, 2021



The Steel Company of Canada

Thank You.

stelco.com

Meeting Minutes

Stelco – Lake Erie Works Community Liaison Committee (CLC)

28 April 2021, 11:30 a.m., Teleconference

CLC Members In Attendance:

Stephen Burt, Zachary Cox, Nancy Heddle, Petar Kolundzija, Bill Lindsay

Other Attendees:

Taylor Buck (Ministry of the Environment, Conservation and Parks)

Katie Chan (Stelco)

Trevor Harris (Stelco)

Pete Schiestel (Stelco)

Welcome and Safety Contact

Attendees introduced themselves around the virtual table.

Review and Approval of Agenda

The committee accepted the agenda as presented.

Review and Approval of Minutes of 27 January 2021

Minutes from the January 27, 2021 meeting were issued in advance of the April 28 meeting and were accepted.

Coke Battery Performance – Method 303 Results

Katie provided a summary of the performance of the Lake Erie Works coke battery operations based on the regular Method 303 audits conducted in Q1 2021. The Ministry of Environment, Conservation and Parks did not have any comments in relation to Stelco's coke battery performance.

Quarry Landfill Expansion Project

Katie provided an overview of an upcoming project for the expansion of Stelco's existing quarry landfill for non-hazardous waste materials that cannot be reused or recycled. Stelco is preparing to initiate an Environmental Assessment for this proposed project. This process is expected to take several years to complete, during which time Stelco will continue to consult with the CLC.

Per Nancy's request, Stelco will provide the CLC with an overview of the existing on-site Quarry Landfill at the next meeting.

Coke Battery Rehabilitation Project Update

Pete Schiestel, Division Manager of Cokemaking, provided an update on the rehabilitation of the Lake Erie Works coke battery.

Nancy requested if a summary of the information presented by Pete could be prepared. Stelco provided the requested information on July 13, 2021.

Community Feedback

There were no additional comments/feedback.



The Steel Company of Canada

Lake Erie Works Community Liaison Committee (CLC) Meeting

October 20, 2021 (5:30-7:30pm)

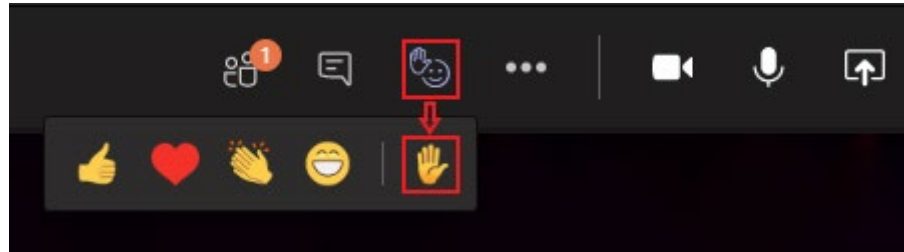


Conducting Our Meeting

Questions and Comments



- Through the course of the meeting, we will be taking questions from members of Stelco's Community Liaison Committee (CLC). Members of the public are asked to hold their questions until the Community Feedback portion of the agenda.
- Please indicate your desire to ask a question by using the 'raise hand' tool at the top of your MS Teams screen.



- Once you are recognized your microphone (and camera should you so choose) will be activated. Please click on the 'raise hand' feature a second time to lower your hand.
- We will cycle through the questions and comments in the order they are received.
- If you have multiple questions, we ask that you ask your first question and then return to the queue so that everyone has equal opportunity to make their comments.
- Alternatively, you can utilize the chat feature to type a question or comment.

Agenda

Discussion Topics for Today's Meeting



1. Welcome
2. Review and Approval of Agenda
3. Review and Approval of Minutes of 28 April 2021 Meeting
4. Cokemaking Update
 - Recap: Coke Battery Performance
5. Fugitive Dust Management
6. Secondary Materials Permanent Storage Facility
7. Site-wide Environmental Compliance Approval Applications
8. Community Feedback
9. Adjournment



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Coke Battery Rehabilitation Project

Strategic Investment to Improve Performance



- In July 2019, we commenced the rehabilitation of the LEW coke battery by idling one half of the battery and preparing the ovens for repair and related demolition work.
- During the first quarter of 2021, the Company ceased its coke production at LEW to proceed with an expanded project to rehabilitate the coke battery, which includes upgrading the LEW coke oven end flues.
- Based on currently available information, the Coke Battery Rehabilitation Project is expected to cost approximately \$130 million and is anticipated to be completed in the fourth quarter of 2021.
- We expect that the LEW Coke Battery Rehabilitation Project will improve the integrity and efficiency of the LEW coke oven battery, with the potential of further increasing our production capability by up to 50 thousand nt of additional coke per annum.
- We also expect this Project will help us to meet our environmental compliance objectives and generating incremental by-product gases that we recycle into our other operations, thereby reducing energy purchases.



Coke Battery Performance – Method 303

Performance Review – Daily (Jan. to Mar. 2021)*



Results are for the most current operating period. The coke battery has not produced since the end of Q1 2021 as work accelerated on the rehabilitation project.

Date	Doors (% Leaks)	Lids (% Leaks)	Off-takes (% Leaks)
2015 Thresholds (July 2 start)	54%	2%	NA
2016 Thresholds	32%	2%	NA
2017-2019 Thresholds	10%	2%	5%
2020 - 2021 Thresholds	5%	1%	4%
Jan 1– Mar 22, 2021 Range (Average)	0.0 – 5.56% (1.64%)	0.0 – 2.63% (0.06%)	0.00 – 8.33% (1.73%)

Daily Measurements Performed

- All weekdays, except for holidays
- 2 Saturdays
- 3 Sundays

Jan 1 to Mar 22 Operational Adjustments

- 8 operational adjustments for offtakes
- 2 operational adjustments for doors
- 2 operational adjustments for lids

* Results during the Coke Battery Rehabilitation Project are not typical of battery performance due to significant work underway and resulting impacts of production. Performance improvements are anticipated following the completion of the project.

Coke Battery Performance – Method 303

Performance Review – 30-Day Rolling Avg. (Jan. to Mar. 2021)*



Results are for the most current operating period. The coke battery has not produced since the end of Q1 2021 as work accelerated on the rehabilitation project.

Date	Doors (% Leaks)	Lids (% Leaks)	Off-takes (% Leaks)	Charging (sec) (log avg)
2015 Limits (July 2 start)	38%	0.8%	25%	12 sec
2016 Limits	22.5%	0.8%	15%	12 s
2017-2019 Limits	7%	0.8%	4.2%	12 s
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Jan 1 to Mar 22 Performance

- In compliance with current performance limits

* Results during the Coke Battery Rehabilitation Project are not typical of battery performance due to significant work underway and resulting impacts of production. Performance improvements are anticipated following the completion of the project.

Coke Battery Performance – Method 303

Performance Review – Daily Observations. (Jan. to Mar. 2021)*



Results are for the most current operating period. The coke battery has not produced since the end of Q1 2021 as work accelerated on the rehabilitation project.

Date	Pushing Emission (opacity %)
2015 Threshold (July 2 start)	≥ 50%
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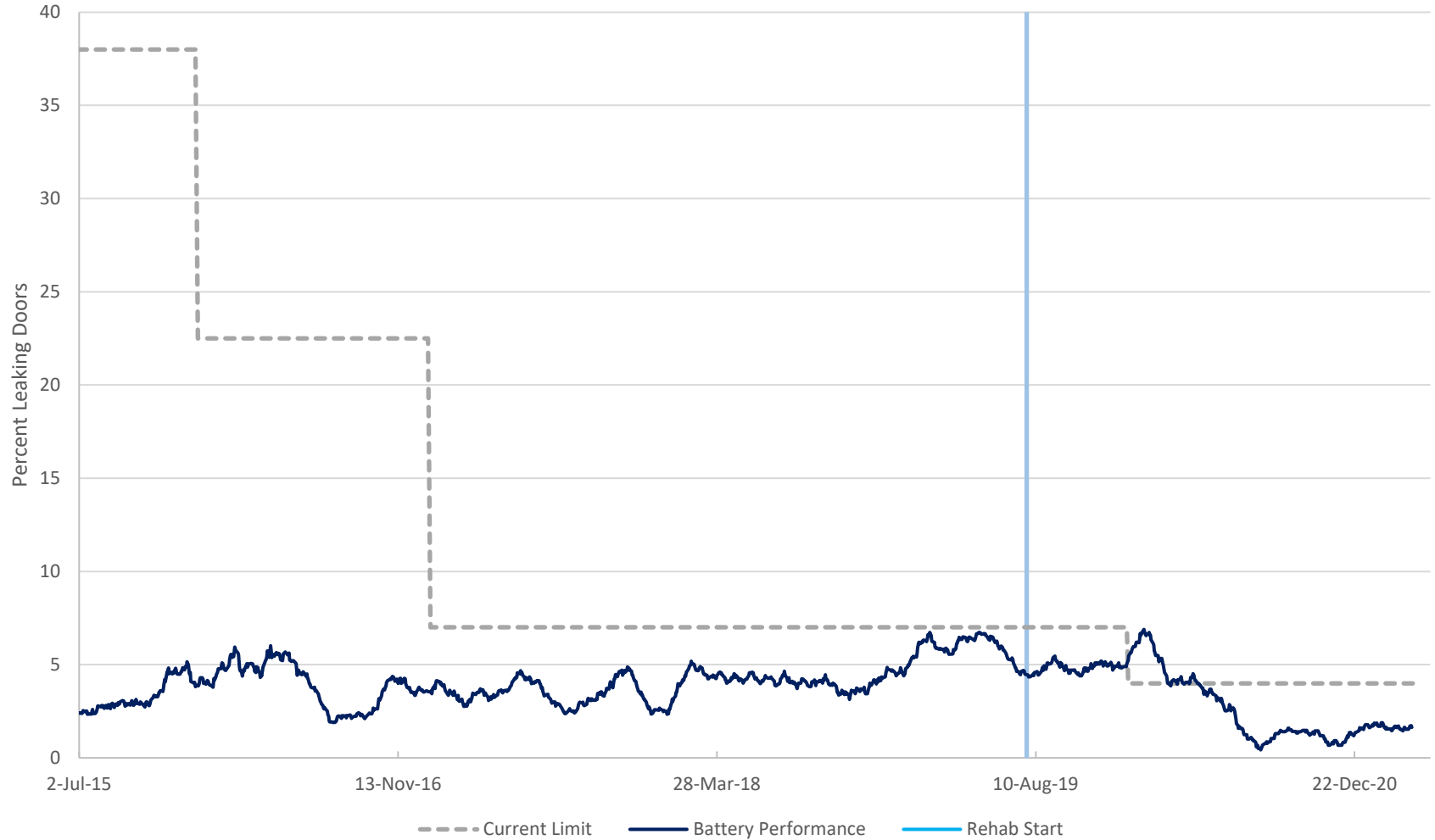
Jan 1 to Mar 22 Operational Adjustments

- 2 operational adjustments for pushing

* Results during the Coke Battery Rehabilitation Project are not typical of battery performance due to significant work underway and resulting impacts of production. Performance improvements are anticipated following the completion of the project.

Battery Performance – 30 Day Rolling Average

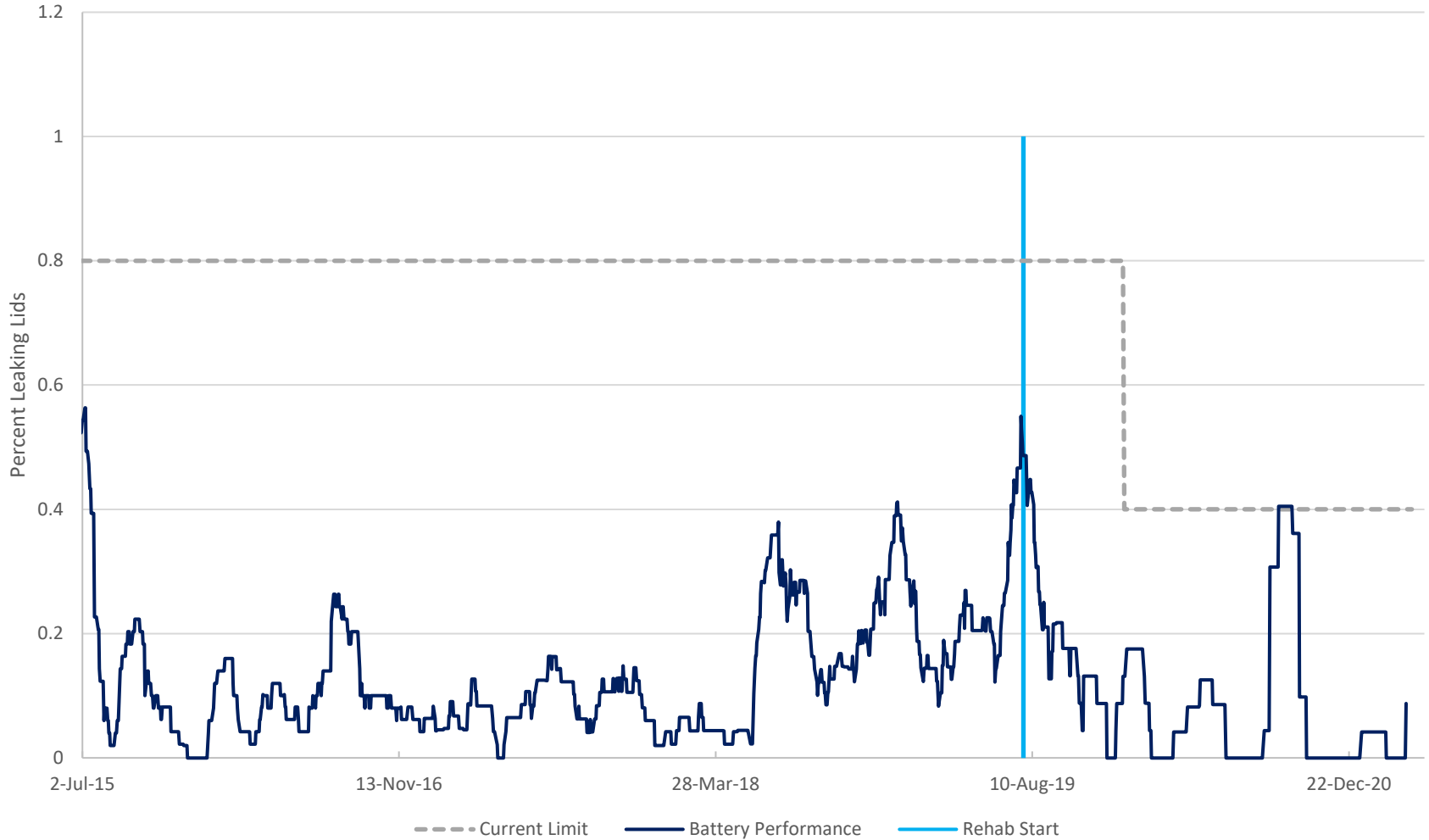
Door Emissions*



* Results during the Coke Battery Rehabilitation Project are not typical of battery performance due to significant work underway and resulting impacts of production. Performance improvements are anticipated following the completion of the project.

Battery Performance – 30 Day Rolling Average

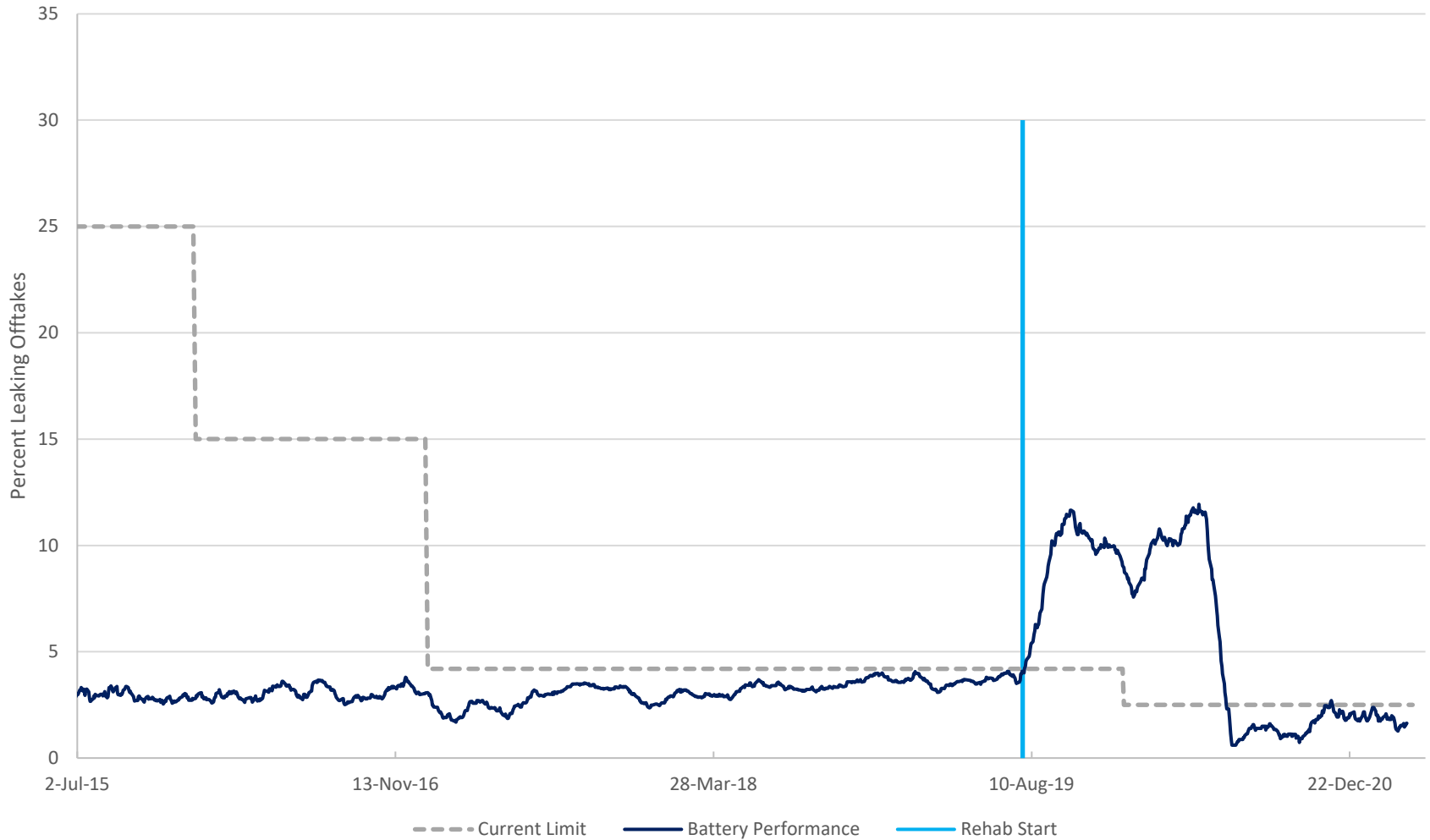
Lid Emissions*



* Results during the Coke Battery Rehabilitation Project are not typical of battery performance due to significant work underway and resulting impacts of production. Performance improvements are anticipated following the completion of the project.

Battery Performance – 30 Day Rolling Average

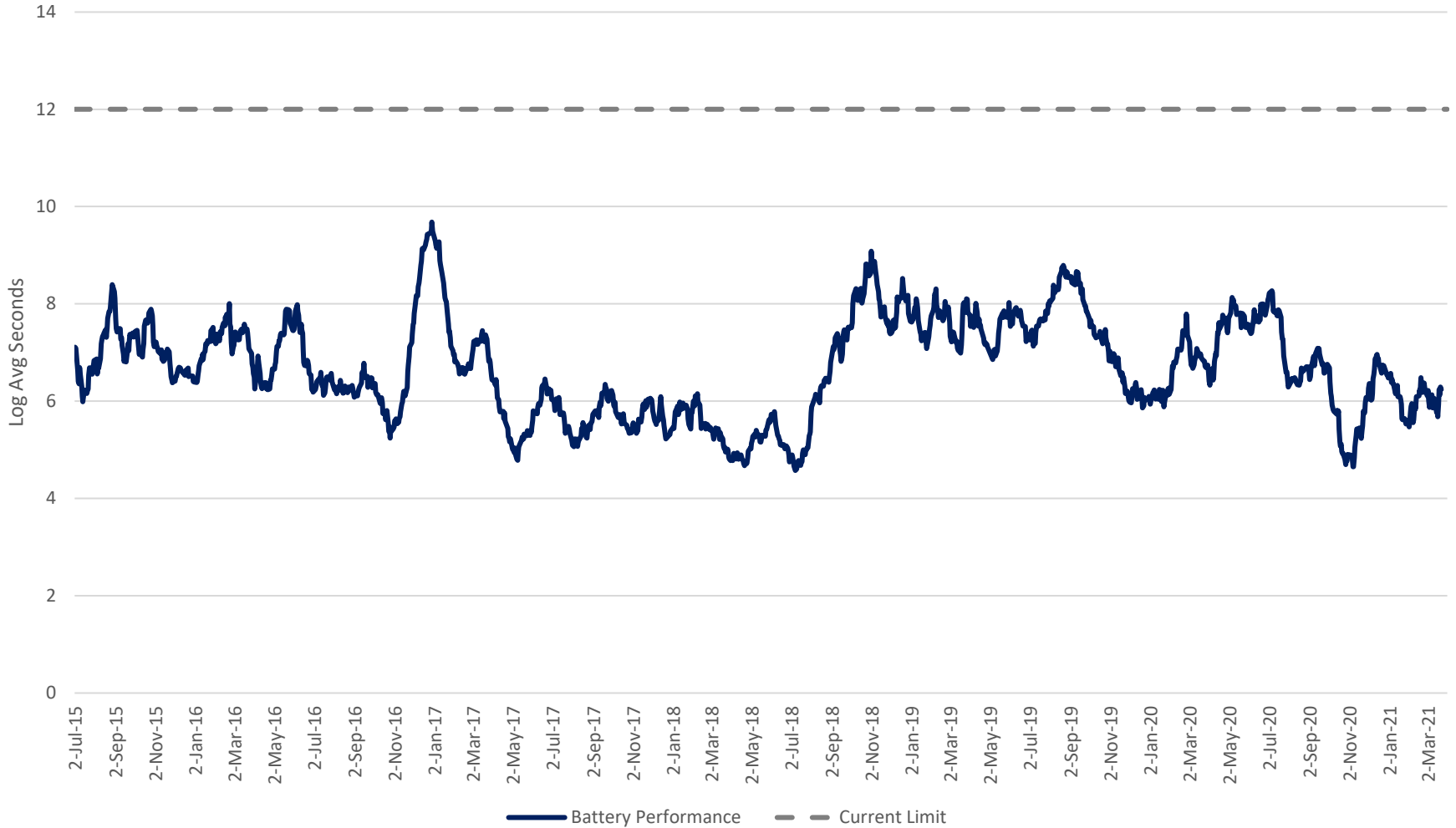
Offtake Emissions*



* Results during the Coke Battery Rehabilitation Project are not typical of battery performance due to significant work underway and resulting impacts of production. Performance improvements are anticipated following the completion of the project.

Battery Performance – 30 Day Rolling Average

Charging Emissions*



* Results during the Coke Battery Rehabilitation Project are not typical of battery performance due to significant work underway and resulting impacts of production. Performance improvements are anticipated following the completion of the project.

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Fugitive Dust Management

Overview



- Well-established fugitive dust management plan already in place
 - A “living” document – best management practices for continual improvement
 - Integrated in Standard Operating Procedures
- Dust mitigation practices are customized by season to address different external environmental conditions
- Stockpiles and roads are inspected on a continuous basis to determine need for dust control
- Several tools are utilized to take a proactive approach and identify impactful weather conditions (i.e. high winds) that could require mitigating action

Fugitive Dust Management

Raw Material Handling - Dock



- The Process Coordinator – Raw Materials & Dock oversees dust management of stockpiles at all times of the year
- Coal Stockpiles generally arranged to minimize surface area that can be affected by prevailing winds
 - 9 stock-piles reduced to 4 stock-piles
- Sufficient quantity of raw materials are shipped to the facility via boat prior to seasonal closure of the Great Lakes Seaway.
 - Cover coal piles with a crusting agent → sealant
 - Dozers and graders used to maintain appropriate pile dimensions
- In forecasted high wind conditions, operating stockpiles are suppressed with water by tanker immediately (temperature considerations)
- May include temporary cessation of operations if deemed necessary

Fugitive Dust Management

Tools For High Wind Warning Notification



- Automated email alerts when measured wind at a weather station exceeds an alert setpoints
 - Emails are sent to iron producing management and all blast furnace Shift Managers (24 x 7)
 - System is integrated with the blast furnace control room alarm server, issuing an alarm for “High Wind Warning”, monitored at all times.
- Information is immediately passed on to all Raw Material/Dock personnel via radio so they can take immediate action



LEW Blast Furnace & Dock Department

General Info.	Logs	Safety	Mobile Equipment	Employee	Technical	Links	Training	Administration
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Welcome to the LEW Blast Furnace & Dock Department Website

Current weather conditions and forecast information is prominently displayed and available on our internal systems



Ambient Temp.: 1.8 °C @ 2019-02-03 00:05
Humidex: -5.0 °C @ 2019-02-03 00:51
Equiv. Chill Temp.: -7.4 °C @ 2019-02-03 00:30
Wind Speed: 20.3 km/hr @ 2019-02-03 00:30
Wind Direction: 232.0 ° @ 2019-02-03 00:30

[Wind Forecast \(4Shrs\). Internet Required.](#)

Fugitive Dust Management

Sprinkler System



- In 2016 we developed a sprinkler system for our coal field with input from community stakeholders
 - Sprinkler system consisted of 3 towers
- Since 2019, sprinkler system consists of 7 towers and is controlled via a computer system PLC
- Sprinkler System is typically used in conjunction with our Water Tankers for dust suppression



Fugitive Dust Management

In-Plant Roads



- Similar to stockpile management, dust control on plant roadways vary based on seasonal conditions
- Internal visual inspection of roadways and related areas are conducted daily
- Dust from unpaved and paved roads are managed on a daily, or as-required, basis
 - Dust management practices include road sweeping, water flushing (temperature-permitting), closing/restricting roadways, and limiting vehicle speed



In early 2020 Stelco purchased a Regenerative Sweeper Truck for year-round road dust control.

The vacuum action of this unit requires no water, allowing for use in freezing temperatures that traditional sweepers cannot operate in.

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Secondary Materials Permanent Storage Facility



Existing Facility Overview

- Former limestone quarry at the west end of the Lake Erie Works Facility
- Onsite storage of non-hazardous secondary materials from ironmaking and steelmaking that cannot be recycled or reused
- The existing total approved fill capacity of the storage facility is 1,300,000 m³.
- Capacity at the existing storage facility expected to be reached by the end of 2023.



Above: Storage facility incorporates a high density polyethylene (HDPE) geomembrane liner underlain by a clay liner.

Secondary Materials Permanent Storage Facility



Existing Facility – Environmental Monitoring and Reporting

- Monthly, quarterly and annual sampling and testing is conducted to monitor various parameters:
 - Groundwater - 8 sampling wells
 - Surface water - 4 sampling locations
 - Leachate - 3 locations inside the storage facility
- Individual wells, leachate collection and transfer systems are inspected annually.
- Annual reports, containing abovementioned as well as other applicable information, are prepared and provided to the Ministry of the Environment, Conservation and Parks.



Above: Storage facility incorporates a high density polyethylene (HDPE) geomembrane liner underlain by a clay liner.

Secondary Materials Permanent Storage Facility



Proposed Expansion Due to Capacity Limitations

- Once capacity of the existing storage facility is reached, Stelco has two options:
 1. To pursue expansion of the storage facility (*recommended*), or
 2. To arrange for shipment and offsite disposal of non-hazardous materials at external landfill locations
- Our request for the expansion of the storage facility includes completing an Environmental Assessment (EA) under the Ontario Environmental Assessment Act.
- We intend to seek approval for disposal of non-hazardous steel-making secondary materials that cannot be reused or recycled (this may include historic materials from our Hamilton Works location)
- Capacity requirements are to be determined but could be approximately 870,000 m³.



Above: Storage facility incorporates a high density polyethylene (HDPE) geomembrane liner underlain by a clay liner.

Secondary Materials Permanent Storage Facility

Environmental Assessment Process



- There are two main steps in an Environmental Assessment:
 1. the Terms of Reference (ToR); and
 2. the Environmental Assessment (EA) itself.
- The ToR was officially commenced June 30, 2021 via announcements in the newspaper, website and e-mails to interested stakeholders and individuals. We expect this process to be complete in early 2022.
- The EA study must consider potential impacts for all aspects of the environment and for this site could include:
 - Groundwater
 - Surface water
 - Air quality
 - Noise
 - Socio-economic (including visual)
 - Biology
 - Cultural heritage resources (including archaeology)
 - Land use
 - Traffic; and
 - Agriculture.
- Consultation is a key component the EA process. We will keep the CLC informed of progress as well as provide ongoing notification and consultation opportunities for the general public.

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Site-Wide Environmental Compliance Approval

Application in Process



- LEW is applying for a site-wide environmental compliance approval for air and noise with limited operational flexibility
 - Includes demonstration of compliance with relevant air quality requirements
 - Also includes proposed plan to reduce noise sound levels
 - Combination of mitigation at-source and along path of noise
- Also applying to amend existing site-wide environmental compliance approval for water
 - New cooling tower for by-product energy recovery generation facility
 - No proposed changes to water quality limits



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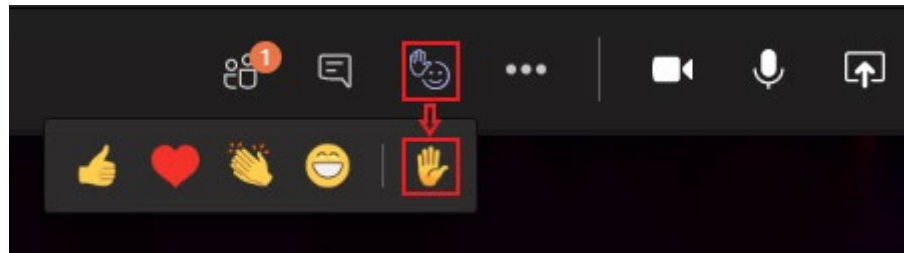


Community Feedback

Questions and Comments



- In order to facilitate questions from members of our Committee as well as from the general public, please indicate your desire to ask a question by using the 'raise hand' tool at the top of your MS Teams screen.



- Once you are recognized your microphone (and camera should you so choose) will be activated. Please click on the 'raise hand' feature a second time to lower your hand.
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- If you have multiple questions, we ask that you ask your first question and then return to the queue so that everyone has equal opportunity to make their comments.
- Alternatively, you can utilize the chat feature to type a question or comment.

Agenda

Discussion Topics for Today's Meeting



1. Welcome
2. Review and Approval of Agenda
3. Review and Approval of Minutes of 28 April 2021 Meeting
4. Cokemaking Update
 - Recap: Coke Battery Performance
5. Fugitive Dust Management
6. Secondary Materials Permanent Storage Facility
7. Site-wide Environmental Compliance Approval Applications
8. Community Feedback
9. **Adjournment**





The Steel Company of Canada

Meeting Minutes

Stelco – Lake Erie Works Community Liaison Committee (CLC)

20 October 2021, 5:30 p.m., Teleconference

CLC Members In Attendance:

Taylor Buck, Zachary Cox, Nancy Heddle, Petar Kolundzija, Stuart McAskill, Lidy Romanuck

Other Attendees:

Katie Chan (Stelco)

Trevor Harris (Stelco)

Dave Rivard (Stelco)

Anne McMillan (Guest)

Al Paez (Guest)

Stew Patterson (Guest)

Maridene Parsons (Guest)

Heather Pirso (Guest)

Mark Smith (Guest)

Julie Swayze (Guest)

Rebecca Vanbenthem (Guest)

Welcome and Safety Contact

Members of the Nanticoke community were invited to participate in this meeting. Trevor welcomed attendees and provided an overview of how we will be conducting our meeting with the virtual webinar.

Review and Approval of Agenda

The committee accepted the agenda as presented.

Review and Approval of Minutes of 29 April 2021

Minutes from the April 28, 2021 meeting were presented to committee members and accepted.

Coke Battery Performance – Method 303 Results Recap

Katie provided a recap of the performance of the Lake Erie Works coke battery operations based on the regular Method 303 audits conducted in Q1 2021. Since the end of March 2021, the coke battery has not produced as work accelerated on the rehabilitation project.

Fugitive Dust Management

Petar provided an overview of Lake Erie Works' fugitive dust management plan. This included best management practices which are customized by seasons to address different external environmental conditions. It was also mentioned that Stelco is in the process of developing a tree planting program, which was a suggestion from some of our neighbours. We hope to have more information to share with the CLC and our neighbours shortly.

Quarry Landfill Expansion Project

As an action item from the April 2021 meeting, Petar provided an overview of the existing on-site non-hazardous secondary materials landfill. Stelco is preparing to initiate an Environmental Assessment process to expand this landfill. This process is expected to take several years to complete, during which time Stelco will continue to consult with the CLC and community.

Meeting Minutes

Stelco – Lake Erie Works Community Liaison Committee (CLC)

20 October 2021, 5:30 p.m., Teleconference

Site-wide Environmental Compliance Approval Applications

Stelco is applying for a site-wide environmental compliance approval for air and noise with limited operational flexibility. In addition, Stelco is applying to amend the existing site-wide environmental compliance approval. The applications demonstrate compliance with relevant air quality and water quality levels. It also includes a proposed plan to improve noise sound levels.

Community Feedback

- Cheryl shared comments on hearing noise at the dock. She believes it is related to the conveyor belts. Stelco will follow-up to try to get a better understanding of noise levels at the conveyor belts.
- Mark complemented that Stelco is doing a good job managing the dock. He enquired to see if a different route for trucks may be possible to by-pass Hagersville.
- Cheryl also expressed an interested in learning more about the non-hazardous landfill expansion project. As an action item, the expansion project website address will be shared.
- Cheryl expressed appreciated for Stelco mowing the lawn around the east and southern berms around the facility. She also commented that things are better in terms of smell.
- Nancy and Stuart M are supportive on discussing ways to inform the community on providing feedback to Stelco on a regular basis.
- Maridene says that more work can be placed to reduce dust levels
- She also made note of an area near her property filled with trees that is up for sale. She is concerned that the trees in the area could be cut down in the future, and enquired if Stelco could buy the land. Katie will take back the request to the Stelco real estate group.

Adjournment



The Steel Company of Canada

Lake Erie Works Community Liaison Committee (CLC) Meeting

January 26, 2022



Agenda

Discussion Topics for Today's Meeting



1. Welcome
2. Review and Approval of Agenda
3. Review and Approval of Minutes of 20 October 2021 Meeting
4. Cokemaking Rehabilitation Project Update
5. Landfill Expansion Project – Process Status
6. CLC Committee - Participation
7. Community Feedback
8. Adjournment



Agenda

Discussion Topics for Today's Meeting



1. Welcome
2. Review and Approval of Agenda
3. Review and Approval of Minutes of 20 October 2021 Meeting
4. **Cokemaking Rehabilitation Project Update**
5. Landfill Expansion Project – Process Status
6. CLC Committee - Participation
7. Community Feedback
8. Adjournment



Coke Battery Rehabilitation Project

Status Update



- In July 2019, we commenced the rehabilitation of the LEW coke battery by idling one half of the battery and preparing the ovens for repair and related demolition work.
- During the first quarter of 2021, the Company ceased its coke production at LEW to proceed with an expanded project to rehabilitate the coke battery, which includes upgrading the LEW coke oven end flues.
- Some highlights of the project:
 - Fused silica modular block system installed in oven walls
 - Tailor made, engineering and manufactured
 - New design expected to reduce coking time
 - Upgraded design for the standpipes
 - Water seal to enhance sealing – reducing emissions to atmosphere
- Final stages of this project will be to complete roof leveling course and pavers
- We anticipate the resumption of coke battery operations in the coming months



Agenda

Discussion Topics for Today's Meeting



1. Welcome
2. Review and Approval of Agenda
3. Review and Approval of Minutes of 20 October 2021 Meeting
4. Cokemaking Rehabilitation Project Update
5. Landfill Expansion Project – Process Status
6. CLC Committee - Participation
7. Community Feedback
8. Adjournment

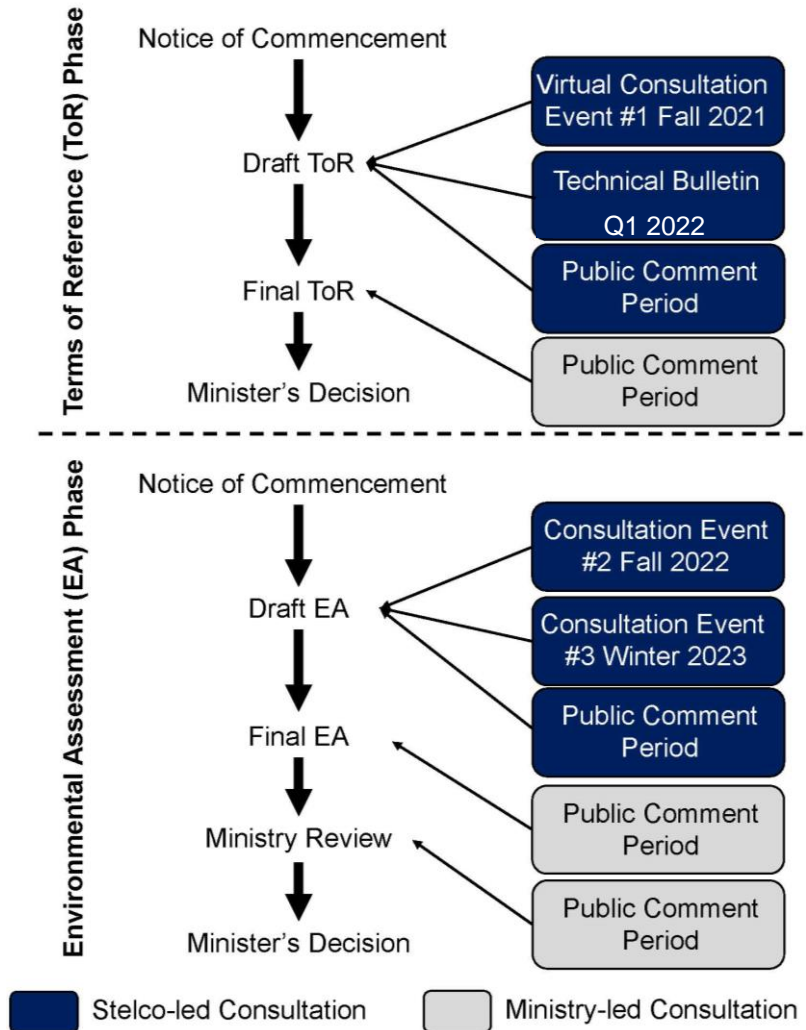


Quarry Landfill Expansion Project

Process Status



Environmental Assessment Process



Agenda

Discussion Topics for Today's Meeting



1. Welcome
2. Review and Approval of Agenda
3. Review and Approval of Minutes of 20 October 2021 Meeting
4. Cokemaking Rehabilitation Project Update
5. Landfill Expansion Project – Process Status
6. **CLC Committee - Participation**
7. Community Feedback
8. Adjournment



CLC Committee -- Participation

Recent Requests Received



- Discuss recent requests received by Stelco for participation in this CLC

From the LEW CLC Terms of Reference:

- CLC Terms of Reference indicates four community representatives (out of the 12 members)
- Committee membership shall be reviewed at the first meeting of the CLC each calendar year. The membership list is meant to be flexible and can be amended by the CLC
- Members who are absent for two consecutive meetings without sending an alternate or without leave of the Chair shall cease to be members of the CLC

Potential Options for Discussion:

1. Review and enforce rule where members who are absent for 2 consecutive meetings without sending an alternate or without leave of the Chair shall cease to be members of the CLC
2. Invite interested stakeholders to participate as meeting Observers
3. Other

Agenda

Discussion Topics for Today's Meeting



1. Welcome
2. Review and Approval of Agenda
3. Review and Approval of Minutes of 20 October 2021 Meeting
4. Cokemaking Rehabilitation Project Update
5. Landfill Expansion Project – Process Status
6. CLC Committee - Participation
7. **Community Feedback**
8. Adjournment



CLC Meeting Schedule

2022



- *Wed. Jan. 26*
- *Wed. Apr. 20*
- *Wed. Jul. 27*
- *Wed. Oct. 26*

Agenda

Discussion Topics for Today's Meeting



1. Welcome
2. Review and Approval of Agenda
3. Review and Approval of Minutes of 20 October 2021 Meeting
4. Cokemaking Rehabilitation Project Update
5. Landfill Expansion Project – Process Status
6. CLC Committee - Participation
7. Community Feedback
8. **Adjournment**





The Steel Company of Canada

Meeting Minutes

Stelco – Lake Erie Works Community Liaison Committee (CLC)

26 January 2022, 11:30 a.m., Teleconference

CLC Members In Attendance:

Zachary Cox, Jeremy Gamble, Nancy Heddle, Petar Kolundzija, Stuart McAskill, Lidy Romanuk

Other Attendees:

Katie Chan (Stelco)

Trevor Harris (Stelco)

Dave Rivard (Stelco)

Welcome

Attendees introduced themselves around the virtual table.

Review and Approval of Agenda

The committee accepted the agenda as presented.

Review and Approval of Minutes of 20 October 2021

Minutes from the October 20, 2021 meeting were presented to committee members and accepted.

Coke Battery Rehabilitation Project Update

Katie provided a status update on the Coke Battery Rehabilitation Project. She highlighted some of the new design features such as tailor made fused silica modular block systems in the oven walls, as well as upgraded water seal design for the standpipes which will further reduce emissions to atmosphere. We anticipate the resumption of the coke battery operations in the coming months.

Landfill Expansion Project – Process Status

Katie reviewed the overall Environmental Assessment Process for this project, included anticipated timelines. There will be multiple additional milestones in which the public will be invited to review and provide comments.

Community Liaison Committee Participation

A few individuals in the community have recently expressed an interested in the CLC meetings. With a review of the CLC Terms of Reference, the CLC members agreed to invite those individuals to attend the next CLC meeting as an Observer while we continue to reach out to other members and determine if new spots open up.

Community Feedback

No comments or questions.

Adjournment

The next meeting is scheduled for April 20, 2022

Draft Meeting Minutes

Stelco – Lake Erie Works Community Liaison Committee (CLC)

20 April 2022, 11:30 a.m., Teleconference

CLC Members In Attendance:

Zachary Cox, Jeremy Gamble, Petar Kolundzija, Stuart McAskill, Rob Philips, Lidy Romanuk

Other Attendees:

Michael Durst (MECP)

Dave Rivard (Stelco)

Katie Chan (Stelco)

Maggie McCowell (Observer)

Trevor Harris (Stelco)

Tracey Pirso (Observer)

Welcome

Attendees introduced themselves around the virtual table.

Review and Approval of Agenda

The committee accepted the agenda as presented.

Coke Battery Rehabilitation Project Update

Katie provided a status update on the Coke Battery Rehabilitation Project. The Coke Battery was restarted on April 19, 2022, after being completely shut down in March of 2021 (half of the Coke Battery was down since July of 2019). Katie highlighted some examples of major repairs that have been completed as part of the rehabilitation project. Method 303 audits will resume after the battery has completed its re-start phase.

Tree Planting Project

Katie provided an update on the Tree Planting Project. Tree planting work to commence this Spring on the east and south sides of the facility. Both machine and hand planting are to be employed and roughly 24,000 trees are to be planted between both locations.

Community Feedback

Questions:

Maggie M – asked whether the trees would be planted on top of or in front of the south berm. Katie responded that the trees would be planted on top of the south berm (2 rows of trees in total).

Stuart M – inquired whether a small battery recycling facility would be constructed on site. Trevor indicated that the project is still in early stages; work in progress.

Stuart M – asked about the Quarry Landfill Expansion Project; primarily wanted to know whether there were any updates on the status of the environmental assessment work and more information about the size of the expanded landfill. Katie explained that we are still in Terms of Reference (ToFR) phase. There was a Virtual Open House last year and the next step will be to issue a technical bulletin, which will be shared with the community. The public will have an opportunity to provide their feedback, like last year. Following the completion of the technical bulletin, the MECP to be notified and requested to review the ToFR. Pending MECP approval of the ToFR, the environmental assessments would follow.

Adjournment

The next meeting is scheduled for July 27.



The Steel Company of Canada

Lake Erie Works Community Liaison Committee (CLC) Meeting

July 27, 2022



Agenda

Discussion Topics for Today's Meeting



1. Welcome
2. Review and Approval of Agenda
3. Review and Approval of Minutes of 20 April 2022 Meeting
4. Cokemaking Rehabilitation Project - Summary
5. Coke Battery Performance since Re-Start
6. Tree Planting Project – Summary
7. Existing On-site Landfill Expansion – ECA Amendment Application
8. Community Feedback
9. Adjournment



Agenda

Discussion Topics for Today's Meeting



1. Welcome
2. Review and Approval of Agenda
3. Review and Approval of Minutes of 20 April 2022 Meeting
4. **Cokemaking Rehabilitation Project - Summary**
5. Coke Battery Performance Since Re-Start
6. Tree Planting Project – Summary
7. Existing On-site Landfill Expansion – ECA Amendment Application
8. Community Feedback
9. Adjournment



Coke Battery Rehabilitation Project

Summary



- In July 2019, we commenced the rehabilitation of the LEW coke battery by idling one half of the battery and preparing the ovens for repair and related demolition work
- During the first quarter of 2021, the Company ceased its coke production at LEW to proceed with an expanded project to rehabilitate the coke battery, which includes upgrading the LEW coke oven end flues
- Cokemaking operations resumed safely on April 19, 2022
- Rehabilitation environmental highlights:
 - Water seal caps – enhanced system to prevent emissions from standpipe lids
 - New doors for each coke oven – tight seals to minimize potential leaks during coking
 - Rehabilitated battery bracing system – Returning to OEM dimensional specifications ensures proper battery machinery alignment
 - Utilizing "Big Block" refractory technology – least possible oven joints to prevent cross wall leakage
 - New off gas collector mains with "compensator slip joints" – eliminating raw gas visible emissions
 - Installation of new Battery Heating Control Logic Computer - Introduction of shift to shift stability to minimize operating swings

Coke Battery Rehabilitation Project

Summary (cont'd)



- Photos of project highlights to be presented by Peter Schiestel, Division Manager - Cokemaking

Agenda

Discussion Topics for Today's Meeting



1. Welcome
2. Review and Approval of Agenda
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4. Cokemaking Rehabilitation Project - Summary
5. **Coke Battery Performance since Re-Start**
6. Tree Planting Project – Summary
7. Existing On-site Landfill Expansion – ECA Amendment Application
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9. Adjournment



Coke Battery Performance – Method 303

Performance Review – Daily (May 19 – June 2022)



Date	Doors (% Leaks)	Lids (% Leaks)	Off-takes (% Leaks)
2015 Thresholds (July 2 start)	54%	2%	NA
2016 Thresholds	32%	2%	NA
2017-2019 Thresholds	10%	2%	5%
2020 - 2022 Thresholds	5%	1%	4%
May 19– June 30, 2022 Range (Average)	0.0 – 3.41% (0.32%)	0.0 – 1.25% (0.06%)	0.00 – 9.76% (1.59%)

Daily Measurements Performed since May 19

- All weekdays, except for holidays
- 3 Saturdays
- 1 Sunday

May 19 to June 30 Operational Adjustments

- 6 operational adjustments for offtakes
- 1 operational adjustment for lids

These results may not reflect typical performance due to the coke battery resuming operations recently after the rehabilitation project

Coke Battery Performance – Method 303

Performance Review – 30-Day Rolling Avg. (June 28-June 30,2022)



Since the coke battery resuming operations recently after the rehabilitation project, the first day in which the 30-day rolling average data was collected was June 28, 2022

Date	Doors (% Leaks)	Lids (% Leaks)	Off-takes (% Leaks)	Charging (sec) (log avg)
2015 Limits (July 2 start)	38%	0.8%	25%	12 sec
2016 Limits	22.5%	0.8%	15%	12 s
2017-2019 Limits	7%	0.8%	4.2%	12 s
2020 - 2022 Limits	4%	0.4%	2.5%	12 s
June 28-30, 2022 Range (Average)	0.22 – 0.34% (0.26%)	0.02 – 0.06% (0.05%)	1.30 – 1.70% (1.54%)	4.88 - 5.04s (4.94 s)

June 28-30 Performance

- In compliance with current limits

These results may not reflect typical performance due to the coke battery resuming operations recently after the rehabilitation project

Coke Battery Performance – Method 303

Performance Review – Daily Observations. (May 19 – June 30, 2022)



Date	Pushing Emission (opacity %)
2015 Threshold (July 2 start)	≥ 50%
2016 – 2018	≥ 50%
2019	≥ 40%
2020 - 2022	≥ 30%
May 19 – June 30, 2022 Range (Average)	0 – 23.33% (4.18%)

May 19 - June 30 Operational Adjustments

- None required

Coke Battery Performance

Additional Items



- There were no community complaints for the period of Q2 2022 related to the cokemaking operations
- MECP invited to provide any verbal comments

Agenda

Discussion Topics for Today's Meeting



1. Welcome
2. Review and Approval of Agenda
3. Review and Approval of Minutes of 20 April 2022 Meeting
4. Cokemaking Rehabilitation Project - Summary
5. Coke Battery Performance since Re-Start
6. **Tree Planting Project – Summary**
7. Existing On-site Landfill Expansion – ECA Amendment Application
8. Community Feedback
9. Adjournment



Tree Planting Plan

Overview



- Stelco partnered with Forests Ontario to plant over 24,000 trees at Lake Erie Works in May 2022
- The next slides provide an overview of the afforestation and windbreak planting



Tree Planting Plan

Recap



- Create natural buffers that can also capture fugitive particulate matter over time
- Protect groundwater, reduce surface run-off and contribute to vital natural ecosystem services
- Trees planted would sequester significant amounts of carbon over their lifetime
- Species selected based on expert advice of Forests Ontario
 - Include mixture of conifer and hardwood
- Combination of machine and hand planting
- Planting quality assessment and survival assessments will be completed over time

Tree Planting

East Side Afforestation



Tree Planting

South Side Windbreak



Tree Planting

Photos of Planting Program



Tree Planting

Photos of Planting Program



Agenda

Discussion Topics for Today's Meeting



1. Welcome
2. Review and Approval of Agenda
3. Review and Approval of Minutes of 20 April 2022 Meeting
4. Cokemaking Rehabilitation Project - Summary
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7. Existing On-site Landfill Expansion – ECA Amendment Application
8. Community Feedback
9. Adjournment



Existing On-site Landfill Expansion

Environmental Compliance Approval Amendment Application



- This is separate from the Environmental Assessment process underway for the Quarry Landfill Expansion Project
- Former limestone quarry at the west end of the Lake Erie Works Facility, since 1984 approved for onsite storage of ironmaking and steelmaking non-hazardous secondary materials that cannot be recycled or reused
- The existing approved capacity of the site is 1,300,000 m³; nearing its capacity
- Seeking MECP approval for limited vertical expansion to allow for approximately 1 additional year of capacity
- A minor change that would not affect the operation of the site
 - Environmental performance and monitoring requirements would remain in place
- Notification of this application to the MECP to be mailed or emailed to adjacent neighbours



Agenda

Discussion Topics for Today's Meeting



1. Welcome
2. Review and Approval of Agenda
3. Review and Approval of Minutes of 20 April 2022 Meeting
4. Cokemaking Rehabilitation Project - Summary
5. Coke Battery Performance since Re-Start
6. Tree Planting Project – Summary
7. On-site Landfill Expansion – ECA Amendment Application
8. **Community Feedback**
9. Adjournment



Agenda

Discussion Topics for Today's Meeting



1. Welcome
2. Review and Approval of Agenda
3. Review and Approval of Minutes of 20 April 2022 Meeting
4. Cokemaking Rehabilitation Project - Summary
5. Coke Battery Performance since Re-Start
6. Tree Planting Project – Summary
7. On-site Landfill Expansion – ECA Amendment Application
8. Community Feedback
9. **Adjournment**





The Steel Company of Canada

Draft Meeting Minutes

Stelco – Lake Erie Works Community Liaison Committee (CLC)

27 July 2022, 11:30 a.m., Teleconference

CLC Members In Attendance:

Zachary Cox, Jeremy Gamble, Nancy Heddle, Petar Kolundzija, Bill Lindsay, Stuart McAskill

Other Attendees:

Michael Durst (MECP)

Katie Chan (Stelco)

Trevor Harris (Stelco)

Pete Schiestel (Stelco)

Welcome

Attendees introduced themselves around the virtual table.

Review and Approval of Agenda

The committee accepted the agenda as presented.

Coke Battery Rehabilitation Project - Summary

Pete Schiestel provided a summary of the project which commenced in mid-2019. Cokemaking operations resumed safely on April 19, 2022. Pete also described environmental highlights of this rehabilitation project.

Coke Battery Performance Since Re-Start

Katie provided a summary of the results of the daily and 30-day rolling average results for the Method 303 environmental audits which resumed after the first 30 days of the battery re-start. The rehabilitation coke battery is in compliance with the 30-day rolling average limits.

Tree Planting Project

Katie provided a summary of a tree planting program which was completed in Spring 2022. Over 24,000 trees were planted in partnership with Forests Ontario.

Existing On-site Landfill Expansion – ECA Amendment Application

Petar provided a summary of the Environmental Compliance Approval Amendment application that has been submitted to the Ministry of Environment, Conservation and Parks for the existing Quarry Landfill. This application is seeking approval for limited vertical expansion of the existing landfill to allow for approximately 1 additional year of capacity. This is separate from the Environmental Assessment process underway for the Quarry Landfill Expansion Project.

Community Feedback

- Stu provided some feedback on recent noise he heard. The Stelco team will review and follow-up.
- With the coke battery rehabilitation project now complete, Stu expressed an interest in a tour of the LEW site. Stelco will arrange a tour with interested CLC members.
- Bill complimented the new environmental features of the rehabilitated coke battery

Adjournment

The next meeting is scheduled for October 26.

Draft Meeting Minutes

Stelco – Lake Erie Works Community Liaison Committee (CLC)

26 Oct 2022, 11:30 a.m., Teleconference

CLC Members In Attendance:

Jeremy Gamble, Nancy Heddle, Petar Kolundzija, Bill Lindsay, Stuart McAskill, Lidy Romanuk

Other Attendees:

Mark DeMelo (Stelco)

Katie Chan (Stelco)

Trevor Harris (Stelco)

Dave Rivard (Stelco)

Welcome

Attendees introduced themselves around the virtual table.

Review and Approval of Agenda

The committee accepted the agenda as presented.

Coke Battery Performance - Q3 2022

Katie provided a summary of the results of the daily and 30-day rolling average results for the Method 303 environmental audits. The rehabilitated coke battery is in compliance with the 30-day rolling average limits. Nancy commented that the data which was shown in graphical form looks good and shows the positive impact of the rehabilitation of the coke battery. Katie also indicated that there were no complaints received related to the coke battery operations in Q3. Separately, Stelco received feedback from 7 neighbours related to dust. We have followed up with each neighbour accordingly.

Jeremy indicated that the Ministry of Environment conducted an audit at the coke battery the previous week and observed that the leaks were very low; the coke battery is working relatively well.

ISO 14001 Environmental Management System Overview

Mark provided CLC members with an overview of Lake Erie Works' Environmental Management System (EMS) which serves as the backbone of environmental stewardship at Stelco. The facility's EMS is certified under the internationally recognized ISO 14001 standard. Mark described the key components of the EMS framework and the importance of environmental aspects.

Community Feedback

- Nancy enquired about whether the facility experiences power outages as often as the external community
 - Dave indicated that the power to Lake Erie Works is high voltage which is different from the community. Further, in critical parts of the plant, Stelco has a secure power supply.
- Stu enquired about vertical standpoints located on New Lakeshore Road, and whether there are monitoring information available at those locations.
 - Petar indicated that it is a borehole nest from the plant which was utilized in designing Lake Erie Works over 40 years ago. As such, it is currently not being utilized.
- Stu had some questions related to the on-site landfill:
 - How does Stelco monitor what goes into the landfill?
 - Petar responded that the permit issued by the Ministry of Environment lists materials that are allowed to be stored at the on-site landfill. Plans and procedures are in place. Further, groundwater and surface water monitoring is conducted on-site near the landfill. We also have surface water monitoring

program upstream and downstream of the landfill and at Centre Creek.

- Are there water quality limits?
 - Petar confirmed that there are triggers for surface water and is reported to the Ministry of Environment. There are no indications of leaks from this landfill over time. For groundwater, a third party consultant reviews and provides their professional opinions.
- Stu also enquired about the accuracy of the air monitoring station, installed by the Nanticoke Environment Committee, to measure air from the steel mill. He asked if Stelco has plans to change the monitoring system. Stelco identified that the air monitoring system was put in place based on support and agreement from the Ministry of Environment. There are currently no plans to change the monitoring system.

CLC Format Discussion

Katie reviewed the origination of this multi-stakeholder group in 2011, where committee members decided that these CLC meetings will be closed to the committee. From time to time, we have received feedback from several neighbours interested in attending these meetings. There have been a few meetings in the past, where we have invited community members to attend CLC meetings as Observers. Stelco welcomed a group discussion on providing more opportunities for interested neighbours/stakeholders to participate in future CLC meetings as Observers until we determine if new spots on the Committee open up. No comments were received at this meeting. Katie offered that people can follow up with Petar, Trevor or herself, offline with their thoughts.

Adjournment

The next meeting is scheduled for February 1, 2023.



The Steel Company of Canada

Lake Erie Works Community Liaison Committee (CLC) Meeting

February 1, 2023



Agenda

Discussion Topics for Today's Meeting



1. Welcome
2. Review and Approval of Agenda
3. Review and Approval of Minutes of 26 October 2022 Meeting
4. Coke Battery Performance – Q4 2022
5. Additional Updates
6. Community Feedback
7. Adjournment



Agenda

Discussion Topics for Today's Meeting



1. Welcome
2. Review and Approval of Agenda
3. Review and Approval of Minutes of 26 October 2022 Meeting
4. **Coke Battery Performance – Q4 2022**
5. Additional Updates
6. Community Feedback
7. Adjournment



Coke Battery Performance – Method 303

Performance Review – Daily (Q4 2022)



Date	Doors (% Leaks)	Lids (% Leaks)	Off-takes (% Leaks)
2015 Thresholds (July 2 start)	54%	2%	NA
2016 Thresholds	32%	2%	NA
2017-2019 Thresholds	10%	2%	5%
2020 - 2022 Thresholds	5%	1%	4%
Oct 1– Dec 31, 2022 Range (Average)	0.0 – 5.56% (1.02%)	0.0 – 0.56% (0.02%)	0.00 – 2.27% (0.16%)

Daily Measurements Performed Since Battery Re-start

- All weekdays, except for holidays
- 10 Saturdays
- 10 Sundays

Q4 2022 Operational Adjustments

- 1 operational adjustment for doors

Coke Battery Performance – Method 303

Performance Review – 30-Day Rolling Avg. (Q4 2022)



Since the coke battery resuming operations recently after the rehabilitation project, the first day in which the 30-day rolling average data was collected was June 28, 2022

Date	Doors (% Leaks)	Lids (% Leaks)	Off-takes (% Leaks)	Charging (sec) (log avg)
2015 Limits (July 2 start)	38%	0.8%	25%	12 sec
2016 Limits	22.5%	0.8%	15%	12 s
2017-2019 Limits	7%	0.8%	4.2%	12 s
2020 - 2022 Limits	4%	0.4%	2.5%	12 s
Oct 1 – Dec 31, 2022 Range (Average)	0.19 – 1.63% (0.76%)	0.00 – 0.04% (0.02%)	0.00 – 0.34% (0.09%)	1.40 – 3.43s (2.43 s)

Q4 2022 Performance

- In compliance with current limits

Coke Battery Performance – Method 303

Performance Review – Daily Observations. (Q4 2022)



Date	Pushing Emission (opacity %)
2015 Threshold (July 2 start)	≥ 50%
2016 – 2018	≥ 50%
2019	≥ 40%
2020 - 2022	≥ 30%
Oct 1– Dec 31, 2022 Range (Average)	0 – 40.00% (7.07%)

Q4 2022 Operational Adjustments

- 2 operational adjustments for pushing

Coke Battery Performance

Additional Items



- There were no community complaints for the period of Q4 2022 related to the cokemaking operations
- MECP invited to provide any verbal comments

Agenda

Discussion Topics for Today's Meeting



1. Welcome
2. Review and Approval of Agenda
3. Review and Approval of Minutes of 26 October 2022 Meeting
4. Coke Battery Performance – Q4 2022
5. **Additional Updates**
6. Community Feedback
7. Adjournment



- Some additional feedback received from neighbours in Q4 2022:
 - Noise/vibrations
 - Dust
 - Keadon Park beach (adjacent to Stelco dock)
- Quarry Landfill Expansion Project
 - Draft Terms of Reference for Environmental Assessment posted for public review Jan. 6 – Feb. 3, 2023
 - Comments and feedback may be submitted to: consultation@stelco.com
- Proposed next CLC meetings:
 - Wed. May 3
 - Wed. Aug. 2
 - Wed. Nov. 1

Agenda

Discussion Topics for Today's Meeting



1. Welcome
2. Review and Approval of Agenda
3. Review and Approval of Minutes of 26 October 2022 Meeting
4. Coke Battery Performance – Q4 2022
5. Additional Updates
6. **Community Feedback**
7. Adjournment



Agenda

Discussion Topics for Today's Meeting



1. Welcome
2. Review and Approval of Agenda
3. Review and Approval of Minutes of 26 October 2022 Meeting
4. Coke Battery Performance – Q4 2022
5. Additional Updates
6. Community Feedback
7. **Adjournment**





The Steel Company of Canada

Draft Meeting Minutes

Stelco – Lake Erie Works Community Liaison Committee (CLC)

01 February 2023, 11:30 a.m., Teleconference

CLC Members In Attendance:

Charlene Anderson, Zachary Cox, Petar Kolundzija, Bill Lindsay, Stuart McAskill, Lidy Romanuk

Other Attendees:

Stephen Burt (MECP)

Katie Chan (Stelco)

Trevor Harris (Stelco)

Dave Rivard (Stelco)

Welcome

Attendees introduced themselves around the virtual table.

Review and Approval of Agenda

The committee accepted the agenda as presented.

Coke Battery Performance - Q4 2022

Katie provided a summary of the results of the daily and 30-day rolling average results for the Method 303 environmental audits. The coke battery is in compliance with the 30-day rolling average limits.

Stephen indicated that the audit results look ok. He also introduced the Committee to Charlene Anderson who will be the MECP representative for Lake Erie Works and the Haldimand area.

Additional Updates

Stelco provided a summary of additional feedback received from neighbours in Q4 2022 and steps taken to resolve concerns that were raised.

In addition, it was highlighted that the draft Terms of Reference for Environmental Assessment for Stelco's proposed on-site landfill expansion project is posted for public review and comments from January 6 to February 3, 2023.

Katie also presented the proposed CLC meeting dates for the remainder of 2023.

Community Feedback

Bill shared an article that he read in Canadian Geographic (Jan/Feb) regarding CO2 sequestration from air.

Stu expressed an interest in an in-person meeting again. Stelco indicated original plans to keep the meetings in this virtual format; can take it back for future considerations.

Adjournment

The next meeting is scheduled for May 3, 2023.

APPENDIX G

Indigenous Consultation

G1 – Notice of Commencement

G2 – Virtual Consultation Event #1

G3 – Technical Bulletin #1

G4 – Mississaugas of the Credit First Nation

G5 – Six Nations of the Grand River Elected Council

G6 – Draft ToR

G1 – Notice of Commencement

June 30, 2021

Project No. 20136711

Ministry of Indigenous Affairs
160 Bloor Street East
9th Floor
Toronto, ON
M7A 2E6

NOTICE OF COMMENCEMENT FOR TERMS OF REFERENCE AND REQUEST FOR CONTACT DETAILS

Hello,

Your department has been identified as a Government Review Team stakeholder in the Individual Environmental Assessment (EA) of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke.

The Ministry of the Environment, Conservation and Parks has determined that the Ministry of Indigenous Affairs should be notified as part of this EA. We have not yet confirmed a point of contact for the Ministry of Indigenous Affairs to receive electronic mail. Please email **Joel_Robinson@golder.com** to confirm the main point of contact for the Ministry with regards to this EA and confirm preference for receiving project materials and reports via email, USB, or hardcopy.

The first step in the process is to develop a Terms of Reference (ToR) that provides the framework that will guide the work and studies that then will be completed during the Environmental Assessment. You will find attached the Notice of Commencement (NoC) of the ToR.

Please do not hesitate to contact us if you have any questions.

Regards,

Golder Associates Ltd.



Joel Robinson, B.Sc., EPt, G.I.T.
Waste / Geoscientist-in-Training



Trish Edmond, M.E.Sc., P.Eng.
Principal, Geoenvironmental Engineer

RPM/PLE/sg

[https://golderassociates.sharepoint.com/sites/120877/project/files/5 technical work/4 consultation documents \(phases1.9, 1.10, 1.11, 1.12, 1.13\)/2_consultation_plan \(phase1.09\)/letters for noc send out/ministry of indigenous affairs_noc letter.docx](https://golderassociates.sharepoint.com/sites/120877/project/files/5%20technical%20work/4%20consultation%20documents%20(phases1.9,1.10,1.11,1.12,1.13)/2_consultation_plan%20(phase1.09)/letters%20for%20noc%20send%20out/ministry%20of%20indigenous%20affairs_noc_letter.docx)

CC: Petar Kolundzija, Manager Environmental Affairs, Stelco Inc.

Attachments: Notice of Commencement of the Terms of Reference

Notice of Commencement of Terms of Reference

Environmental Assessment of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke

Stelco Inc. (“Stelco” or the “Company”) is beginning an Environmental Assessment (EA) under the Ontario *Environmental Assessment Act*, RSO 1990, c. E.18 to expand the Quarry Landfill (the “Site”) at its Lake Erie Works (“LEW”).

The Process

This EA will be carried out in accordance with the requirements of the Ontario *Environmental Assessment Act*, RSO 1990, c. E.18 (Act). The first step of the EA process is the preparation of Terms of Reference (ToR). The ToR will set out the proponent’s framework and work plan for addressing the requirements under the Act when preparing the EA. This would include such things as the alternatives that would be considered and the public consultation activities that will be carried out. If approved by the Minister, the ToR will provide the framework and requirements for the preparation of the EA.

Stelco is proposing to expand the existing Quarry Landfill at LEW to accommodate the on-site disposal of non-hazardous steelmaking secondary materials generated at the facility that cannot be reused or recycled, as well as the potential disposal of historical non-hazardous steel-making secondary materials from its Hamilton Works site (“HW”), located approximately 70 km from the Site. It is estimated that the capacity of the current Quarry Landfill will be reached by the end of 2023. Stelco is currently evaluating re-use and recycling opportunities for the historical non-hazardous secondary materials from HW; however, it is possible that some of these materials may need disposal and will be included in the volume required for the Site expansion. The proposed Site expansion requires approval under the Act and is the reason for this Notice of Commencement. The purpose of the EA is to identify alternatives and study the potential effects of the proposed landfill expansion on the environment.

The Site is located at the Stelco facility in Nanticoke, Ontario. The location of the Site is indicated on the map below:



Consultation

Members of the public, agencies, Indigenous communities and other interested persons are encouraged to actively participate in the planning process by attending consultation opportunities or contacting individuals listed below directly with comments or questions. Consultation opportunities are planned throughout the planning process and will be advertised in local newspapers and through a project-specific website at consultation.stelco.com. Possible consultation events include open house events or virtual open house events depending on the ongoing COVID-19 pandemic restrictions and/or technical bulletins.

For further information on the proposed study, please visit our website (<http://consultation.stelco.com>) or contact:

Trish Edmond, P.Eng.
 EA Manager
 Golder Associates Ltd.
 1931 Robertson Road
 Ottawa, ON, K2H 5B7
 Telephone: 1-800-275-3281
 E-mail: trish_edmond@golder.com

Petar Kolundzija
 Manager - Environmental Affairs
 Stelco Inc.
 2330 Haldimand Road 3
 Nanticoke, ON, N0A 1L0
 Telephone: 1-519-587-4541
 E-mail: consultation@stelco.com

Under the *Freedom of Information and Protection of Privacy Act* and the *Environmental Assessment Act*, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter and will be released, if requested, to any person unless you request that your personal information remain confidential. For more information, please contact the Ministry of the Environment, Conservation and Park's Freedom of Information and Privacy Coordinator at 416-314-4075.

Phone Call Record

Date: June 13, 2021

A phone call conversation between Joel Robinson (WSP) and Robin Vanstone (SNGREC) prior to distributing the Notice of Commencement (NoC) to determine appropriate contacts.

It was noted that documents should be distributed to Robin and Dawn LaForme (cc'd).

Edmond, Trish

From: Robinson, Joel
Sent: June 30, 2021 4:05 PM
To: Fawn.Sault@mncfn.ca
Cc: Edmond, Trish; Petar.Kolundzija@stelco.com
Subject: 20136711 - Individual Environmental Assessment, Notice of Commencement for the Proposed Quarry Landfill Expansion
Attachments: Stelco Lake Erie Works Notice of Commencement of Terms of Reference (EA for Proposed Landfill Expansion).pdf

Hello,

Your community has been identified as a group with potential interest in the Individual Environmental Assessment (EA) of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke.

The first step in the process is to develop a Terms of Reference (ToR) that provides the framework that will guide the work and studies that then will be completed during the Environmental Assessment. You will find attached the Notice of Commencement (NoC) of the ToR.

We have received your email requesting a meeting and further information and will be replying directly to that email shortly.

Please do not hesitate to contact us if you have any questions.

Regards,
Joel

Joel Robinson (B.Sc., EPT, G.I.T.)
Waste / Geoscientist-in-Training



Golder Associates Ltd.
121 Commerce Park Drive, Unit L, Barrie, Ontario, Canada L4N 8X1
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Please consider the environment before printing this email.

June 30, 2021

Project No. 20136711

Elected Council

Six Nations of the Grand River
1695 Chiefswood Road
PO Box 5000
Ohsweken, ON
N0A 1M0

NOTICE OF COMMENCEMENT FOR TERMS OF REFERENCE AND REQUEST FOR CONTACT DETAILS

Hello,

Your community has been identified as a group with potential interest in the Individual Environmental Assessment (EA) of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke.

We have not yet confirmed a point of contact for your community to receive electronic mail. Please email **Joel_Robinson@golder.com** to confirm the main point of contact with regards to this EA and confirm preference for receiving project materials and reports via email, USB, or hardcopy.

The first step in the process is to develop a Terms of Reference (ToR) that provides the framework that will guide the work and studies that then will be completed during the Environmental Assessment. You will find attached the Notice of Commencement (NoC) of the ToR.

If you would like a meeting to discuss this project please let us know. Also, if your community has any special consultation requirements or protocols, we would be pleased to receive that information for future interactions.

Please do not hesitate to contact us if you have any questions.

Regards,

Golder Associates Ltd.



Joel Robinson, B.Sc., EPt, G.I.T.
Waste / Geoscientist-in-Training



Trish Edmond, M.E.Sc., P.Eng.
Principal, Geoenvironmental Engineer

RPM/PLE/sg

[https://golderassociates.sharepoint.com/sites/120877/project/files/5 technical work/4 consultation documents \(phases1.9, 1.10, 1.11, 1.12, 1.13\)/2_consultation_plan \(phase1.09\)/letters for noc send out/six nations of the grand river_noc letter.docx](https://golderassociates.sharepoint.com/sites/120877/project/files/5%20technical%20work/4%20consultation%20documents%20(phases1.9,1.10,1.11,1.12,1.13)/2%20consultation%20plan%20(phase1.09)/letters%20for%20noc%20send%20out/six%20nations%20of%20the%20grand%20river_noc_letter.docx)

CC: Petar Kolundzija, Manager Environmental Affairs, Stelco Inc.

Attachments: Notice of Commencement of the Terms of Reference

Notice of Commencement of Terms of Reference

Environmental Assessment of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke

Stelco Inc. (“Stelco” or the “Company”) is beginning an Environmental Assessment (EA) under the Ontario *Environmental Assessment Act*, RSO 1990, c. E.18 to expand the Quarry Landfill (the “Site”) at its Lake Erie Works (“LEW”).

The Process

This EA will be carried out in accordance with the requirements of the Ontario *Environmental Assessment Act*, RSO 1990, c. E.18 (Act). The first step of the EA process is the preparation of Terms of Reference (ToR). The ToR will set out the proponent’s framework and work plan for addressing the requirements under the Act when preparing the EA. This would include such things as the alternatives that would be considered and the public consultation activities that will be carried out. If approved by the Minister, the ToR will provide the framework and requirements for the preparation of the EA.

Stelco is proposing to expand the existing Quarry Landfill at LEW to accommodate the on-site disposal of non-hazardous steelmaking secondary materials generated at the facility that cannot be reused or recycled, as well as the potential disposal of historical non-hazardous steel-making secondary materials from its Hamilton Works site (“HW”), located approximately 70 km from the Site. It is estimated that the capacity of the current Quarry Landfill will be reached by the end of 2023. Stelco is currently evaluating re-use and recycling opportunities for the historical non-hazardous secondary materials from HW; however, it is possible that some of these materials may need disposal and will be included in the volume required for the Site expansion. The proposed Site expansion requires approval under the Act and is the reason for this Notice of Commencement. The purpose of the EA is to identify alternatives and study the potential effects of the proposed landfill expansion on the environment.

The Site is located at the Stelco facility in Nanticoke, Ontario. The location of the Site is indicated on the map below:



Consultation

Members of the public, agencies, Indigenous communities and other interested persons are encouraged to actively participate in the planning process by attending consultation opportunities or contacting individuals listed below directly with comments or questions. Consultation opportunities are planned throughout the planning process and will be advertised in local newspapers and through a project-specific website at consultation.stelco.com. Possible consultation events include open house events or virtual open house events depending on the ongoing COVID-19 pandemic restrictions and/or technical bulletins.

For further information on the proposed study, please visit our website (<http://consultation.stelco.com>) or contact:

Trish Edmond, P.Eng.
 EA Manager
 Golder Associates Ltd.
 1931 Robertson Road
 Ottawa, ON, K2H 5B7
 Telephone: 1-800-275-3281
 E-mail: trish_edmond@golder.com

Petar Kolundzija
 Manager - Environmental Affairs
 Stelco Inc.
 2330 Haldimand Road 3
 Nanticoke, ON, N0A 1L0
 Telephone: 1-519-587-4541
 E-mail: consultation@stelco.com

Under the *Freedom of Information and Protection of Privacy Act* and the *Environmental Assessment Act*, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter and will be released, if requested, to any person unless you request that your personal information remain confidential. For more information, please contact the Ministry of the Environment, Conservation and Park's Freedom of Information and Privacy Coordinator at 416-314-4075.

June 30, 2021

Project No. 20136711

Haudenosaunee Confederacy Chief's Council

Six Nations of the Grand River
16 Sunrise Court, Suite 600
PO Box 714
Ohsweken, ON
N0A 1M0

NOTICE OF COMMENCEMENT FOR TERMS OF REFERENCE AND REQUEST FOR CONTACT DETAILS

Hello,

Your community has been identified as a group with potential interest in the Individual Environmental Assessment (EA) of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke.

We have not yet confirmed a point of contact for your community to receive electronic mail. Please email **Joel_Robinson@golder.com** to confirm the main point of contact with regards to this EA and confirm preference for receiving project materials and reports via email, USB, or hardcopy.

The first step in the process is to develop a Terms of Reference (ToR) that provides the framework that will guide the work and studies that then will be completed during the Environmental Assessment. You will find attached the Notice of Commencement (NoC) of the ToR.

If you would like a meeting to discuss this project please let us know. Also, if your community has any special consultation requirements or protocols, we would be pleased to receive that information for future interactions.

Please do not hesitate to contact us if you have any questions.

Regards,

Golder Associates Ltd.



Joel Robinson, B.Sc., EPt, G.I.T.
Waste / Geoscientist-in-Training



Trish Edmond, M.E.Sc., P.Eng.
Principal, Geoenvironmental Engineer

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[https://golderassociates.sharepoint.com/sites/120877/project files/5 technical work/4 consultation documents \(phases1.9, 1.10, 1.11, 1.12, 1.13\)/1_tor_noc \(phase1.11\)/letters for noc send out/haudenosaunee confederacy_noc letter.docx](https://golderassociates.sharepoint.com/sites/120877/project%20files/5%20technical%20work/4%20consultation%20documents%20(phases1.9,1.10,1.11,1.12,1.13)/1_tor_noc%20(phase1.11)/letters%20for%20noc%20send%20out/haudenosaunee%20confederacy_noc_letter.docx)

CC: Petar Kolundzija, Manager Environmental Affairs, Stelco Inc.

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Notice of Commencement of Terms of Reference

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The Site is located at the Stelco facility in Nanticoke, Ontario. The location of the Site is indicated on the map below:



Consultation

Members of the public, agencies, Indigenous communities and other interested persons are encouraged to actively participate in the planning process by attending consultation opportunities or contacting individuals listed below directly with comments or questions. Consultation opportunities are planned throughout the planning process and will be advertised in local newspapers and through a project-specific website at consultation.stelco.com. Possible consultation events include open house events or virtual open house events depending on the ongoing COVID-19 pandemic restrictions and/or technical bulletins.

For further information on the proposed study, please visit our website (<http://consultation.stelco.com>) or contact:

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Petar Kolundzija
 Manager - Environmental Affairs
 Stelco Inc.
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 Nanticoke, ON, N0A 1L0
 Telephone: 1-519-587-4541
 E-mail: consultation@stelco.com

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From: [Edmond, Trish](#)
To: [Fawn Sault](#)
Cc: [Mark.LaForme@mncfn.ca](#); [Arland.LaForme@mncfn.ca](#); [Katelyn.LaForme@mncfn.ca](#); [Petar.Kolundzija@stelco.com](#); [20136711, Stelco Quarry Lf Exp EA LakeErie](#); [Robinson, Joel](#); [McDonald, Robert](#)
Subject: RE: Proposed Quarry Landfill Expansion Environmental Assessment
Date: July 2, 2021 9:28:49 AM
Attachments: [image001.png](#)
[image002.png](#)
[image004.png](#)

Good morning Fawn,

Robert forwarded your email to me as he was assisting our team in identifying project contacts and I am the Project Manager. On Wednesday you would have received the formal announcement of the project via email from Joel Robinson from our company. That announcement included a map to show the general location of the existing Stelco landfill and the rough proposed expansion location.

We would be pleased to meet with you at your convenience to discuss the Environmental Assessment and your expectations. Are you thinking a meeting via conference call would be appropriate or is there a desire to meet in person? Obviously if in person we would have to adhere to COVID-19 gathering limits. How many individuals from Mississaugas of the Credit First Nation would be attending? If you want to suggest some possible dates our team can work to coordinate everything, prepare an invitation and agenda.

With respect to your question about environmental investigations they will be required and are to be defined during the course of the Terms of Reference. On early evaluation we anticipate needing an archaeology study as well as other environmental studies including hydrogeology, surface water, natural environment (biology), air, noise, traffic and socio-economic (including visual). The required studies are subject to change as the Terms of Reference advances. No studies will commence in 2021 with the exception of some hydrogeological drilling and possibly some biology surveys. We can discuss your areas of interest and what you want to be informed about during the meeting.

Miigwech,

Trish

Trish Edmond (M.E.Sc., P.Eng.) (she, her)

Principal, Geoenvironmental Engineer

Golder Associates Ltd.

1931 Robertson Road, Ottawa, Ontario, Canada, K2H 5B7

T: +1 613 592 9600 | **D:** +1 613 592-9600 x3246 | **C:** +1 613 799-1960 | [golder.com](#)

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From: Fawn Sault <Fawn.Sault@mncfn.ca>
Sent: June 29, 2021 3:53 PM
To: McDonald, Robert <Robert_McDonald@golder.com>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Arland LaForme <Arland.LaForme@mncfn.ca>;
Katelyn LaForme <Katelyn.LaForme@mncfn.ca>
Subject: RE: Proposed Quarry Landfill Expansion Environmental Assessment

EXTERNAL EMAIL

Good Afternoon Robert,

I am the appropriate contact for Consultation regarding all projects. I would like to set up a meeting with yourselves and Stelco Inc. to discuss the planned Environmental Assessment and our expectations. In the meantime can you tell me if you have any archaeological or environmental investigations that are required?

Miigwech,

Fawn Sault
Consultation Coordinator
Mississaugas of the Credit First Nation
4065 Hwy. 6, Hagersville, N0A 1H0
Website: <http://mncfn.ca/>
Ph: 905-768-4260
Cell:289-527-6580

From: McDonald, Robert <Robert_McDonald@golder.com>
Sent: Tuesday, June 29, 2021 1:10 PM
To: Katelyn LaForme <Katelyn.LaForme@mncfn.ca>; Arland LaForme <Arland.LaForme@mncfn.ca>;
Caron.Smith@mncfn.ca; Fawn Sault <Fawn.Sault@mncfn.ca>; Mark LaForme
<Mark.LaForme@mncfn.ca>
Subject: Proposed Quarry Landfill Expansion Environmental Assessment

Hello,

Stelco Inc. (Stelco) is beginning an Environmental Assessment (EA) under the Ontario *Environmental Assessment Act*, RSO 1990, c. E.18 to expand the Quarry Landfill (the “Site”) at its Lake Erie Works (“LEW”) facility in Nanticoke, Ontario. It has been concluded by the Ministry of the Environment, Conservation and Parks, that your community, Mississaugas of the Credit First Nation, may be adversely affected by the proposed project, or be otherwise interested in it.

For this EA, we are wondering if you could please provide the name of who we should send materials to and their contact information (email). We are also wondering if they would like to receive reports via email, hardcopy or USB. If hardcopies or USB are desired, please confirm a mailing address as well.

For some background, Stelco is proposing to expand the existing Quarry Landfill at the LEW to accommodate the on-site disposal of non-hazardous steelmaking secondary materials generated at the facility that cannot be reused or recycled, as well as the potential disposal of historical non-hazardous steel-making secondary materials from its Hamilton Works site (“HW”), located approximately 70 km from the Site.

Please let me know if you have any questions or require any further information at this time.

Thank you,

Robert McDonald (M.A.Sc., E.I.T.)
Geo-environmental Consultant

Golder Associates Ltd.
1931 Robertson Road, Ottawa, Ontario, Canada, K2H 5B7
T: +1 613 592 9600 | **C:** +1 613 407 7626 | golder.com
[LinkedIn](#) | [Instagram](#) | [Facebook](#) | [Twitter](#)

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Phone Call Record

Date: July 8, 2021

A phone call message left by Joel Robinson (WSP) prior to distributing the Notice of Commencement (NoC) to determine appropriate contacts.

From: [Robinson, Joel](#)
To: rvanstone@sixnations.ca
Cc: dlaforme@sixnations.ca; [Edmond, Trish](#); Petar.Kolundzija@stelco.com; [McDonald, Robert](#)
Subject: 20136711 - Individual Environmental Assessment, Notice of Commencement for the Proposed Quarry Landfill Expansion
Date: July 8, 2021 5:26:00 PM
Attachments: [Stelco Lake Erie Works Notice of Commencement of Terms of Reference \(EA for Proposed Landfill Expansion\).pdf](#)
[image001.png](#)
[image003.png](#)

Hello,

Your community has been identified as a group with potential interest in the Individual Environmental Assessment (EA) of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke.

The first step in the process is to develop a Terms of Reference (ToR) that provides the framework that will guide the work and studies that then will be completed during the Environmental Assessment. You will find attached the Notice of Commencement (NoC) of the ToR.

If you would like a meeting to discuss this project please let us know. Also, if your community has any special consultation requirements or protocols, we would be pleased to receive that information for future interactions.

Please do not hesitate to contact us if you have any questions.

Regards,
Joel

Joel Robinson (B.Sc., EPT, G.I.T.)

Waste / Geoscientist-in-Training

Golder Associates Ltd.

121 Commerce Park Drive, Unit L, Barrie, Ontario, Canada L4N 8X1

T: +1 705 722 4492 | **C:** +1 249 535 1009 | golder.com

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Please consider the environment before printing this email.

From: [Robinson, Joel](#)
To: jocko@sixnationsns.com
Cc: [Edmond, Trish](#); [McDonald, Robert](#)
Subject: 20136711 - Individual Environmental Assessment, Notice of Commencement for the Proposed Quarry Landfill Expansion
Date: July 13, 2021 11:52:00 AM
Attachments: [image001.png](#)
[image003.png](#)

Hello,

We were provided your contact information from the Ministry of Environment, Conservation and Parks (MECP), as your community has been identified as a group with potential interest in the Individual Environmental Assessment (EA) of the Proposed Quarry Landfill Expansion located at the Stelco Lake Erie Works in Nanticoke, Ontario.

We have prepared a Notice of Commencement (NoC) for the EA and are wondering if you could please provide us with the contact information for the person(s) who would be interested in being our point of contact or would you be our contact going forward?

For some background, Stelco is proposing to expand the existing Quarry Landfill at the Lake Erie Works (LEW) to accommodate the on-site disposal of non-hazardous steelmaking secondary materials generated at the facility that cannot be reused or recycled, as well as the potential disposal of historical non-hazardous steel-making secondary materials from its Hamilton Works site (HW), located approximately 70 km from the Site.

Please let us know if you have any questions or require any further information at this time.

Thank you,
Joel

Joel Robinson (B.Sc., EPT, G.I.T.)
Waste / Geoscientist-in-Training

Golder Associates Ltd.
121 Commerce Park Drive, Unit L, Barrie, Ontario, Canada L4N 8X1
T: +1 705 722 4492 | **C:** +1 249 535 1009 | golder.com
[LinkedIn](#) | [Instagram](#) | [Facebook](#) | [Twitter](#)

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G2 – Virtual Consultation Event #1

From: [Robinson, Joel](#)
To: Fawn.Sault@mncfn.ca
Cc: [Edmond, Trish](#); Petar.Kolundzija@stelco.com
Subject: Proposed Stelco Landfill Expansion, Notice of Virtual Consultation Event #1
Date: November 15, 2021 3:15:00 PM
Attachments: [Notice of Virtual Consultation#1_Rev1.pdf](#)
[image001.png](#)
[image002.png](#)

Hello,

As mentioned, Stelco Inc. (“Stelco”) has initiated an Environmental Assessment (EA) under the Ontario *Environmental Assessment Act*, RSO 1990, c. E.18 to expand the existing landfill (the “Site”) at its Lake Erie Works (“LEW”) located in Nanticoke, Ontario. Please find attached our Notice of Virtual Consultation Event #1.

If you would like a meeting to discuss this project, please let us know. Also, if your community has any special consultation requirements or protocols, we would be pleased to receive that information for future interactions.

Please do not hesitate to contact us if you have any questions.

Regards,
Joel

Joel Robinson (B.Sc., EPt, G.I.T.)
Waste / Geoscientist-in-Training

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From: [Robinson, Joel](#)
To: rvanstone@sixnations.ca; tammymartin@sixnations.ca; markhill@sixnations.ca
Cc: dlaforme@sixnations.ca; [Edmond, Trish](#); Petar.Kolundzija@stelco.com
Subject: Proposed Stelco Landfill Expansion, Notice of Virtual Consultation Event #1
Date: November 15, 2021 3:16:00 PM
Attachments: [Notice of Virtual Consultation#1_Rev1.pdf](#)
[image001.png](#)
[image002.png](#)

Hello,

As mentioned, Stelco Inc. (“Stelco”) has initiated an Environmental Assessment (EA) under the Ontario *Environmental Assessment Act*, RSO 1990, c. E.18 to expand the existing landfill (the “Site”) at its Lake Erie Works (“LEW”) located in Nanticoke, Ontario. Please find attached our Notice of Virtual Consultation Event #1.

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Please do not hesitate to contact us if you have any questions.

Regards,
Joel

Joel Robinson (B.Sc., EPt, G.I.T.)
Waste / Geoscientist-in-Training

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Please consider the environment before printing this email.

From: [Robinson, Joel](#)
To: jocko@sixnationsns.com
Cc: [Edmond, Trish](#); Petar.Kolundzija@stelco.com
Subject: Proposed Stelco Landfill Expansion, Notice of Virtual Consultation Event #1
Date: November 15, 2021 3:16:00 PM
Attachments: [Notice of Virtual Consultation#1_Rev1.pdf](#)
[image001.png](#)
[image002.png](#)

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Regards,
Joel

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Waste / Geoscientist-in-Training

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Please consider the environment before printing this email.

From: [Edmond, Trish](#)
To: [Fawn Sault](#)
Cc: [Robinson, Joel](#); [Adam LaForme](#); Petar.Kolundzija@stelco.com; [20136711, Stelco Quarry Lf Exp EA LakeErie](#)
Subject: RE: Proposed Stelco Landfill Expansion, Notice of Virtual Consultation Event #1
Date: November 23, 2021 9:33:21 AM

NOTE: This email chain appears to contain email from outside Golder

That should have read Dec 2nd!

Trish Edmond

Principal, Geoenvironmental Engineer
Golder Associates Ltd.

T: +1 613 592 9600 | **D:** +1 613 592-9600 x3246 | **C:** +1 613 799-1960

From: Edmond, Trish
Sent: November 23, 2021 9:32 AM
To: Fawn Sault <Fawn.Sault@mncfn.ca>
Cc: Robinson, Joel <Joel_Robinson@golder.com>; Adam LaForme <Adam.LaForme@mncfn.ca>;
Petar.Kolundzija@stelco.com; 20136711, Stelco Quarry Lf Exp EA LakeErie <120877@golder.com>
Subject: RE: Proposed Stelco Landfill Expansion, Notice of Virtual Consultation Event #1

Hi Fawn,

Dec-3 2 from 9-10am would be great. I can set up a teams meeting or if you would prefer to set up on your end just let me know.

Trish

Trish Edmond

Principal, Geoenvironmental Engineer
Golder Associates Ltd.

T: +1 613 592 9600 | **D:** +1 613 592-9600 x3246 | **C:** +1 613 799-1960

From: Fawn Sault <Fawn.Sault@mncfn.ca>
Sent: November 23, 2021 8:48 AM
To: Edmond, Trish <Trish_Edmond@golder.com>
Cc: Robinson, Joel <Joel_Robinson@golder.com>; Adam LaForme <Adam.LaForme@mncfn.ca>;
Petar.Kolundzija@stelco.com; 20136711, Stelco Quarry Lf Exp EA LakeErie <120877@golder.com>
Subject: Re: Proposed Stelco Landfill Expansion, Notice of Virtual Consultation Event #1

EXTERNAL EMAIL

Good Morning Joel,

I can do Dec. 2 from 9-10. Does that work?

Sent from my iPhone

On Nov 23, 2021, at 8:18 AM, Edmond, Trish <Trish_Edmond@golder.com> wrote:

NOTE: This email chain appears to contain email from outside Golder

Good morning Fawn,

There is a conflict with another meeting on Dec 1. Would December 2 work any time between 9 am and 2 pm?

Trish

Trish Edmond

Principal, Geoenvironmental Engineer
Golder Associates Ltd.

T: +1 613 592 9600 | **D:** +1 613 592-9600 x3246 | **C:** +1 613 799-1960

From: Fawn Sault <Fawn.Sault@mncfn.ca>

Sent: November 22, 2021 2:01 PM

To: Robinson, Joel <Joel_Robinson@golder.com>; Adam LaForme <Adam.LaForme@mncfn.ca>

Cc: Edmond, Trish <Trish_Edmond@golder.com>; Petar.Kolundzija@stelco.com

Subject: RE: Proposed Stelco Landfill Expansion, Notice of Virtual Consultation Event #1

EXTERNAL EMAIL

Good Afternoon Joel,

I apologize I thought I responded to your request. Please let us know if there are any archaeological or environmental studies required for this project. MCFN expects to have FLR's on site for any field work/studies that occur. We would like to set up a Zoom or Teams meeting to hear what your project is about. How does Dec. 1st at 10am look for you?

Miigwech,

Fawn Sault (she/her)
A/Director of DOCA - Consultation Coordinator
Mississaugas of the Credit First Nation
4065 Hwy. 6, Hagersville, N0A 1H0
Website: <http://mncfn.ca/>
Ph: 905-768-4260

Cell:289-527-6580

From: Robinson, Joel <Joel_Robinson@golder.com>
Sent: Monday, November 15, 2021 3:16 PM
To: Fawn Sault <Fawn.Sault@mncfn.ca>
Cc: Edmond, Trish <Trish_Edmond@golder.com>; Petar.Kolundzija@stelco.com
Subject: Proposed Stelco Landfill Expansion, Notice of Virtual Consultation Event #1

Hello,

As mentioned, Stelco Inc. ("Stelco") has initiated an Environmental Assessment (EA) under the Ontario *Environmental Assessment Act*, RSO 1990, c. E.18 to expand the existing landfill (the "Site") at its Lake Erie Works ("LEW") located in Nanticoke, Ontario. Please find attached our Notice of Virtual Consultation Event #1.

If you would like a meeting to discuss this project, please let us know. Also, if your community has any special consultation requirements or protocols, we would be pleased to receive that information for future interactions.

Please do not hesitate to contact us if you have any questions.

Regards,
Joel

Joel Robinson (B.Sc., EPt, G.I.T.)
Waste / Geoscientist-in-Training

<image003.png>

Golder Associates Ltd.

121 Commerce Park Drive, Unit L, Barrie, Ontario, Canada L4N 8X1

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G3 – Technical Bulletin #1

From: [Robinson, Joel](#)
To: jocko@sixnationsns.com
Cc: [Edmond, Trish](#); [Petar Kolundzija](#)
Subject: Proposed Stelco Landfill Expansion, Notice of Technical Bulletin #1
Date: May 27, 2022 4:18:00 PM
Attachments: [Notice of Technical Bulletin #1.pdf](#)

Hello,

We wish to inform you that Stelco will be circulating Technical Bulletin #1 regarding the Terms of Reference (ToR) for the proposed landfill expansion at the Lake Erie Works (LEW). Please see attachment for further details.

If you would like a meeting to discuss this project, please let us know. Also, if your community has any special consultation requirements or protocols, we would be pleased to receive that information for future interactions.

Please do not hesitate to contact us if you have any questions.

Regards,

Joel Robinson
Hydrogeologist, P.Geo.

T+ 1 705-722-4492
M+ 1 249-535-1009



121 Commerce Park Drive, Unit L, Barrie, Ontario, Canada L4N 8X1

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From: [Robinson, Joel](#)
To: [Adam LaForme](#); MCFN.Consultation@mncfn.ca
Cc: [Edmond, Trish](#); [Petar Kolundzija](#)
Subject: Proposed Stelco Landfill Expansion, Notice of Technical Bulletin #1
Date: May 27, 2022 4:19:00 PM
Attachments: [Notice of Technical Bulletin #1.pdf](#)

Hello,

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From: [Robinson, Joel](#)
To: rvanstone@sixnations.ca; tammymartin@sixnations.ca; markhill@sixnations.ca
Cc: dlaforme@sixnations.ca; [Edmond, Trish](#); [Petar Kolundzija](#)
Subject: Proposed Stelco Landfill Expansion, Notice of Technical Bulletin #1
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From: [Robinson, Joel](#)
To: jocko@sixnationsns.com
Cc: [Edmond, Trish](#); [Petar Kolundzija](#)
Subject: RE: Proposed Stelco Landfill Expansion, Notice of Technical Bulletin #1
Date: June 13, 2022 1:21:00 PM

Hello,

We wanted to send a reminder that our project website (<http://consultation.stelco.com>) has been updated with Technical Bulletin #1, along with a feedback/comment form that will be active until June 24, 2022. Technical Bulletin #1 and the feedback form can be found under the documents tab.

If you would like a meeting to discuss this project, please let us know. Also, if your community has any special consultation requirements or protocols, we would be pleased to receive that information for future interactions.

Please do not hesitate to contact us if you have any questions.

Regards,

Joel Robinson
Hydrogeologist, P.Geo.

T+ 1 705-722-4492
M+ 1 249-535-1009



From: Robinson, Joel
Sent: May 27, 2022 4:18 PM
To: jocko@sixnationsns.com
Cc: [Edmond, Trish <trish.edmond@wsp.com>](mailto:trish.edmond@wsp.com); [Petar Kolundzija <Petar.Kolundzija@stelco.com>](mailto:Petar.Kolundzija@stelco.com)
Subject: Proposed Stelco Landfill Expansion, Notice of Technical Bulletin #1

Hello,

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From: [Robinson, Joel](#)
To: Abby.LaForme@mncfn.ca
Cc: Mark.LaForme@mncfn.ca; [Adam LaForme](#); [Edmond, Trish](#); [Petar Kolundzija](#)
Subject: RE: Proposed Stelco Landfill Expansion, Notice of Technical Bulletin #1
Date: June 13, 2022 1:02:00 PM

Hello,

We wanted to send a reminder that our project website (<http://consultation.stelco.com>) has been updated with Technical Bulletin #1, along with a feedback/comment form that will be active until June 24, 2022. Technical Bulletin #1 and the feedback form can be found under the documents tab.

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Please do not hesitate to contact us if you have any questions.

Regards,

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Hydrogeologist, P.Geo.

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M+ 1 249-535-1009



From: Robinson, Joel
Sent: May 31, 2022 5:19 PM
To: Abby.LaForme@mncfn.ca
Cc: Mark.LaForme@mncfn.ca; [Adam LaForme <Adam.LaForme@mncfn.ca>](mailto:Adam.LaForme@mncfn.ca); Edmond, Trish <trish.edmond@wsp.com>; [Petar Kolundzija <Petar.Kolundzija@stelco.com>](mailto:Petar.Kolundzija@stelco.com)
Subject: FW: Proposed Stelco Landfill Expansion, Notice of Technical Bulletin #1

Hello,

I received an automatic reply from MCFN.Consultation@mncfn.ca indicating that we should now direct consultation and notifications to you. As noted below in our initial email, Stelco will be circulating Technical Bulletin #1 regarding the Terms of Reference (ToR) for the proposed landfill expansion at the Lake Erie Works (LEW). Please see attachment for further details.

If you would like a meeting to discuss this project, please let us know. Also, if your community has any special consultation requirements or protocols, we would be pleased to receive that information for future interactions.

Please do not hesitate to contact us if you have any questions.

Regards,

Joel Robinson

Hydrogeologist, P.Geo.

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From: Robinson, Joel

Sent: May 27, 2022 4:19 PM

To: Adam LaForme <Adam.LaForme@mncfn.ca>; MCFN.Consultation@mncfn.ca

Cc: Edmond, Trish <trish.edmond@wsp.com>; Petar Kolundzija <Petar.Kolundzija@stelco.com>

Subject: Proposed Stelco Landfill Expansion, Notice of Technical Bulletin #1

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Regards,

Joel Robinson

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From: [Robinson, Joel](#)
To: rvanstone@sixnations.ca; tammymartin@sixnations.ca; markhill@sixnations.ca
Cc: dlaforme@sixnations.ca; [Edmond, Trish](#); [Petar Kolundzija](#)
Subject: RE: Proposed Stelco Landfill Expansion, Notice of Technical Bulletin #1
Date: June 13, 2022 1:20:00 PM

Hello,

We wanted to send a reminder that our project website (<http://consultation.stelco.com>) has been updated with Technical Bulletin #1, along with a feedback/comment form that will be active until June 24, 2022. Technical Bulletin #1 and the feedback form can be found under the documents tab.

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Please do not hesitate to contact us if you have any questions.

Regards,

Joel Robinson
Hydrogeologist, P.Geo.

T+ 1 705-722-4492
M+ 1 249-535-1009



From: Robinson, Joel
Sent: May 27, 2022 4:20 PM
To: rvanstone@sixnations.ca; tammymartin@sixnations.ca; markhill@sixnations.ca
Cc: dlaforme@sixnations.ca; Edmond, Trish <trish.edmond@wsp.com>; Petar Kolundzija <Petar.Kolundzija@stelco.com>
Subject: Proposed Stelco Landfill Expansion, Notice of Technical Bulletin #1

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Hydrogeologist, P.Geol.

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From: [Robinson, Joel](#)
To: info@hdi.land
Cc: jocko@sixnationsns.com; [Edmond, Trish](#); [Petar Kolundzija](#)
Subject: FW: Proposed Stelco Landfill Expansion, Notice of Technical Bulletin #1
Date: June 23, 2022 9:57:00 AM

Hello,

As briefly discussed over the phone, Stelco is proposing to expand the existing Quarry Landfill at the Lake Erie Works (LEW) facility. In my email below you will find a project website link that will provide background information along with documents that have been provided to date. Our most recent upload was Technical Bulletin #1 and a feedback form/comment sheet.

If you would like a meeting to discuss this project, please let us know. Also, if your community has any special consultation requirements or protocols, we would be pleased to receive that information for future interactions.

Please do not hesitate to contact us if you have any questions.

Regards,

Joel Robinson
Hydrogeologist, P. Geo.

T+ 1 705-722-4492
M+ 1 249-535-1009



From: Robinson, Joel
Sent: June 13, 2022 1:21 PM
To: jocko@sixnationsns.com
Cc: Edmond, Trish <trish.edmond@wsp.com>; Petar Kolundzija <Petar.Kolundzija@stelco.com>
Subject: RE: Proposed Stelco Landfill Expansion, Notice of Technical Bulletin #1

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Please do not hesitate to contact us if you have any questions.

Regards,

Joel Robinson

Hydrogeologist, P.Geo.

T+ 1 705-722-4492

M+ 1 249-535-1009



From: Robinson, Joel

Sent: May 27, 2022 4:18 PM

To: jocko@sixnationsns.com

Cc: Edmond, Trish <trish.edmond@wsp.com>; Petar Kolundzija <Petar.Kolundzija@stelco.com>

Subject: Proposed Stelco Landfill Expansion, Notice of Technical Bulletin #1

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Phone Call Record

Date: June 23, 2022

A phone call conversation between Joel Robinson (WSP) and Tracey (HCCC) following the distribution of Technical Bulletin #1 to determine if the community had any questions or concerns.

It was noted that documents should also be distributed to a general email info@hdi.land.ca with Leroy cc'd.

Post phone call note: A follow-up email was sent with the Notice of Technical Bulletin #1 to info@hdi.land.ca and Leroy.

Phone Call Record

Date: June 13, 2022

A phone call conversation between Joel Robinson (WSP) and Robin Vanstone (SNGREC) following the distribution of the Technical Bulletin #1 reminder.

It was noted that Robin would contact Dawn to schedule a meeting to discuss archaeology and environmental studies/impacts. It was also noted that Dawn Russel (Consultation Administrative Assistance) should be cc'd on emails.

From: [Abby LaForme](#)
To: [Robinson, Joel](#)
Cc: [Mark LaForme](#); [Adam LaForme](#); [Edmond, Trish](#); [Petar Kolundzija](#)
Subject: RE: Proposed Stelco Landfill Expansion, Notice of Technical Bulletin #1
Date: June 13, 2022 1:24:11 PM
Attachments: [image004.png](#)

EXTERNAL EMAIL

EXTERNAL EMAIL - We could not verify the authenticity of this message. Please be cautious when clicking on links or opening attachments.

Good Afternoon Joel,

My name is Abby LaForme, the Acting Consultation Coordinator for the Mississaugas of the Credit First Nation (MCFN), Department of Consultation and Accommodation (DOCA). I have been with MCFN DOCA for the last 3 years and have worked closely with Fawn Sault. So with that, I am very familiar with the consultation process.

Thank you for contacting MCFN DOCA for Consultation. At this time MCFN DOCA has no comment or concerns for Proposed Stelco Landfill Expansion project. Please keep MCFN DOCA informed with any new information for said project.

Thank you



Abby LaForme,
Acting Consultation Coordinator



Mississaugas of the Credit First Nation (MCFN)
Department of Consultation & Accommodation (DOCA)
4065 Highway 6, Hagersville, ON N0A 1H0
Ph: (905) 768 – 4260
Email: Abby.LaForme@mncfn.ca

From: Robinson, Joel <Joel_Robinson@golder.com>
Sent: Monday, June 13, 2022 1:03 PM
To: Abby LaForme <Abby.LaForme@mncfn.ca>
Cc: Mark LaForme <Mark.LaForme@mncfn.ca>; Adam LaForme <Adam.LaForme@mncfn.ca>; Edmond, Trish <Trish_Edmond@golder.com>; Petar Kolundzija <Petar.Kolundzija@stelco.com>
Subject: RE: Proposed Stelco Landfill Expansion, Notice of Technical Bulletin #1

Hello,

We wanted to send a reminder that our project website (<http://consultation.stelco.com>) has been updated with Technical Bulletin #1, along with a feedback/comment form that will be active until June 24, 2022. Technical Bulletin #1 and the feedback form can be found under the documents tab.

If you would like a meeting to discuss this project, please let us know. Also, if your community has any special consultation requirements or protocols, we would be pleased to receive that information for future interactions.

Please do not hesitate to contact us if you have any questions.

Regards,

Joel Robinson

Hydrogeologist, P.Geo.

T+ 1 705-722-4492

M+ 1 249-535-1009



From: Robinson, Joel

Sent: May 31, 2022 5:19 PM

To: Abby.LaForme@mncfn.ca

Cc: Mark.LaForme@mncfn.ca; Adam LaForme <Adam.LaForme@mncfn.ca>; Edmond, Trish <trish.edmond@wsp.com>; Petar Kolundzija <Petar.Kolundzija@stelco.com>

Subject: FW: Proposed Stelco Landfill Expansion, Notice of Technical Bulletin #1

Hello,

I received an automatic reply from MCFN.Consultation@mncfn.ca indicating that we should now direct consultation and notifications to you. As noted below in our initial email, Stelco will be circulating Technical Bulletin #1 regarding the Terms of Reference (ToR) for the proposed landfill expansion at the Lake Erie Works (LEW). Please see attachment for further details.

If you would like a meeting to discuss this project, please let us know. Also, if your community has any special consultation requirements or protocols, we would be pleased to receive that information for future interactions.

Please do not hesitate to contact us if you have any questions.

Regards,

Joel Robinson

Hydrogeologist, P.Geo.

T+ 1 705-722-4492
M+ 1 249-535-1009



From: Robinson, Joel
Sent: May 27, 2022 4:19 PM
To: Adam LaForme <Adam.LaForme@mncfn.ca>; MCFN.Consultation@mncfn.ca
Cc: Edmond, Trish <trish.edmond@wsp.com>; Petar Kolundzija <Petar.Kolundzija@stelco.com>
Subject: Proposed Stelco Landfill Expansion, Notice of Technical Bulletin #1

Hello,

We wish to inform you that Stelco will be circulating Technical Bulletin #1 regarding the Terms of Reference (ToR) for the proposed landfill expansion at the Lake Erie Works (LEW). Please see attachment for further details.

If you would like a meeting to discuss this project, please let us know. Also, if your community has any special consultation requirements or protocols, we would be pleased to receive that information for future interactions.

Please do not hesitate to contact us if you have any questions.

Regards,

Joel Robinson
Hydrogeologist, P.Geo.

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121 Commerce Park Drive, Unit L, Barrie, Ontario, Canada L4N 8X1

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From: [Dawn Russell](#)
To: [Robinson, Joel](#)
Subject: RE: Proposed Stelco Landfill Expansion, Notice of Technical Bulletin #1
Date: July 4, 2022 2:00:36 PM
Attachments: [image004.png](#)

EXTERNAL EMAIL

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Hi Joel,

Thank you for your response! I can send the invitation if we are meeting in person, if this a virtual meeting I will leave that in your hands.

Have a great day!

Dawn Russell

From: Robinson, Joel <Joel_Robinson@golder.com>
Sent: Monday, July 4, 2022 1:52 PM
To: Dawn Russell <dawnrussell@sixnations.ca>
Subject: RE: Proposed Stelco Landfill Expansion, Notice of Technical Bulletin #1

Hi Dawn,

Thank you for your quick response. We are available to meet on August 9th at 2 pm. Does this time still work for the CAP Team? I can send around an invite once I hear back from you. Would it be best to send the invite to yourself, Mark and Tammy? I could also just send it to yourself and you can forward it around within your team.

Thank you,

Joel Robinson
Hydrogeologist, P.Geo.

T+ 1 705-722-4492
M+ 1 249-535-1009



From: Dawn Russell <dawnrussell@sixnations.ca>
Sent: July 4, 2022 9:12 AM
To: Robinson, Joel <joel.robinson@wsp.com>
Subject: RE: Proposed Stelco Landfill Expansion, Notice of Technical Bulletin #1

EXTERNAL EMAIL

EXTERNAL EMAIL - We could not verify the authenticity of this message. Please be cautious when clicking on links or opening attachments.

Good morning Joel,

Thanks for your response, unfortunately July dates you propose will not work for us. I am now in Friday, August 5th 2pm, Tuesday, August 9th or Thursday, August 11th 2pm may be an option. Please advise and I will reach out to the Consultation and Accommodation Process (CAP) Team on this end. Thanking you in advance.

Have a great day!

Dawn Russell

From: Robinson, Joel <Joel_Robinson@golder.com>
Sent: Monday, July 4, 2022 8:57 AM
To: Dawn Russell <dawnrussell@sixnations.ca>; Edmond, Trish <Trish_Edmond@golder.com>; Petar.kolundzija@stelco.com; Tammy Martin <tammymartin@sixnations.ca>; Mark B. Hill <markhill@sixnations.ca>; Katie Chan <Katie.Chan@stelco.com>; Trevor Harris <Trevor.Harris@stelco.com>
Subject: RE: Proposed Stelco Landfill Expansion, Notice of Technical Bulletin #1

Good morning Dawn,

Apologies for my delayed response. Unfortunately, we are unable to meet on Friday, July 8th at 2 pm; however, we are available on July 13th or 15th between 1 and 3 pm if that will work with your schedules? Please let me know if one of these times is suitable and I can send around a Teams meeting invite.

Have a great day as well!

Joel Robinson
Hydrogeologist, P.Geo.

T+ 1 705-722-4492
M+ 1 249-535-1009



From: Dawn Russell <dawnrussell@sixnations.ca>
Sent: June 27, 2022 10:52 AM
To: Robinson, Joel <joel.robinson@wsp.com>; Edmond, Trish <trish.edmond@wsp.com>; Petar.kolundzija@stelco.com; Tammy Martin <tammymartin@sixnations.ca>; Mark B. Hill <markhill@sixnations.ca>
Subject: Proposed Stelco Landfill Expansion, Notice of Technical Bulletin #1

EXTERNAL EMAIL

EXTERNAL EMAIL - We could not verify the authenticity of this message. Please be cautious when clicking on links or opening attachments.

Good morning Joel,

On behalf of Six Nations of the Grand River Elected Council (SNGREC) Lands and Resources Department Consultation and Accommodation Process (CAP) Team we are available to meet on Friday, July 8th at 2pm. If this date is agreeable please send an invitation to confirm at your earliest convenience. Thanking you in advance.

Have a great day!

Dawn Russell
Consultation Administrative Assistant
Six Nations of the Grand River Lands and Resources
dawnrussell@sixnations.ca
519-753-0665



From: [Robin Vanstone](#)
To: [Robinson, Joel](#); [Tammy Martin](#); [Mark B. Hill](#); [Dawn Russell](#)
Cc: [Dawn LaForme](#); [Edmond, Trish](#); [Petar Kolundzija](#)
Subject: RE: Proposed Stelco Landfill Expansion, Notice of Technical Bulletin #1
Date: June 23, 2022 11:14:32 AM

EXTERNAL EMAIL

EXTERNAL EMAIL - We could not verify the authenticity of this message. Please be cautious when clicking on links or opening attachments.

Thank you for this information. I have cc'd Dawn Russell our Consultation Administrative Assistant who will coordinate this meeting on our end.

From: Robinson, Joel <Joel_Robinson@golder.com>
Sent: May 27, 2022 4:20 PM
To: Robin Vanstone <rvanstone@sixnations.ca>; Tammy Martin <tammymartin@sixnations.ca>; Mark B. Hill <markhill@sixnations.ca>
Cc: Dawn LaForme <dlaforme@sixnations.ca>; Edmond, Trish <Trish_Edmond@golder.com>; Petar Kolundzija <Petar.Kolundzija@stelco.com>
Subject: Proposed Stelco Landfill Expansion, Notice of Technical Bulletin #1

Hello,

We wish to inform you that Stelco will be circulating Technical Bulletin #1 regarding the Terms of Reference (ToR) for the proposed landfill expansion at the Lake Erie Works (LEW). Please see attachment for further details.

If you would like a meeting to discuss this project, please let us know. Also, if your community has any special consultation requirements or protocols, we would be pleased to receive that information for future interactions.

Please do not hesitate to contact us if you have any questions.

Regards,

Joel Robinson
Hydrogeologist, P.Geo.

T+ 1 705-722-4492
M+ 1 249-535-1009



121 Commerce Park Drive, Unit L, Barrie, Ontario, Canada L4N 8X1

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-LAEmHhHzdJzBITWfa4Hgs7pbKI-BT-P365-c108p227-DayTwo-Disclaimer

G4 – Mississaugas of the Credit First Nation

**Golder/Stelco/Mississaugas of the Credit First Nation
 Proposed Landfill Expansion Environmental
 Assessment
 MEETING SUMMARY**

**December 2, 2021
 9:00 AM – 10:00 AM
 Microsoft Teams Meeting**

Attendees:

Name	Organization	E-mail
Trish Edmond	Golder Associates Ltd.	Trish_Edmond@golder.com
Joel Robinson	Golder Associates Ltd.	Joel_Robinson@golder.com
Petar Kolundzija	Stelco	Petar.Kolundzija@stelco.com
Katie Chan	Stelco	Katie.Chan@stelco.com
Trevor Harris	Stelco	Trevor.Harris@stelco.com
Fawn Sault	Mississaugas of the Credit First Nation	Fawn.Sault@mncfn.ca
Adam LaForme	Mississaugas of the Credit First Nation	Adam.LaForme@mncfn.ca

Summary of Discussion

1. INTRODUCTIONS

- Attendees provided a brief introduction of themselves.

2. Description of Project

- Trevor Harris provided a general background of the Lake Erie Works (LEW) and Hamilton Works (HW) facilities
- Petar Kolundzija provided a description of the steel making process at Stelco and had the following comments:
 - Presently non-hazardous waste that is generated as part of the Stelco steel making process that goes to the landfill includes steelmaking oxides (sometimes referred to as OG sludge) and Blast Furnace (BF) sludge.
 - An on-site wastewater treatment plant is located at the LEW facility that treats collected leachate from the landfill.
- Trish Edmond provided a general background of the project including:

- The existing landfill is located at the Stelco Lake Erie works in Nanticoke, Ontario.
- Stelco is proposing to expand the existing Site, which has been operating since 1984, for the disposal of non-hazardous secondary materials at LEW. Since 2014 waste has been placed in a lined landfill area and leachate is collected from this area and treated on-site. Historically non-hazardous waste was placed in the quarry area that shows on the aerial photograph as now being filled with water.
- Stelco noted that waste landfilled historically in the quarry area was blast furnace granulated slag. This material now has a re-use potential and over the years some of the material landfilled there has been mined and recycled.
- The expansion will accommodate continued on-site disposal of non-hazardous steelmaking secondary materials generated at the facility that cannot be reused or recycled, as well as the potential disposal of historical non-hazardous steelmaking secondary materials from its HW facility.
- Diversion and recycling of byproducts does occur with some of the non-hazardous steelmaking secondary materials; however, some residual waste does remain including blast furnace sludge and OG sludge.
- It was noted that we are currently in the Terms of Reference (ToR) stage of the Environmental Assessment (EA). The ToR defines the work plan or method of conducting environmental studies.

3. ALTERNATIVES TO

- Trish Edmond discussed the Alternatives To that are being considered as part of the ToR, which include:
 - Landfill site closure and export of waste for disposal which is not ideal for other landfills due to the volume of waste, the saturation content of the waste when it is being disposed of and the potential leachate treatment restrictions at other landfills;
 - Landfill site expansion which is possible due to the surrounding land availability at the LEW facility;
 - Establish new landfill site at a different Stelco property or a new property which is not ideal due to land limitations at the HW facility and Stelco does not have another property option;
 - Alternative waste management technologies such as incineration or gasification which is unlikely due to the composition of the waste being disposed of;
 - Enhanced waste diversion which is being completed with by-products that have recyclable reuse potential; however, some residual waste does occur that does not currently have reuse potential; and,
 - Do nothing which is not ideal as the steel making process will generate residual wastes and they must be dealt with.

4. LOCATION OF THE PROJECT

- Trish Edmond described the location of the existing landfill and possible locations for the proposed landfill expansion. The HW facility location was also discussed and it was noted that non-hazardous

secondary materials of similar nature currently stockpiled on the HW facility property may be transferred to the LEW facility if the landfill is expanded.

5. COMPONENTS OF ENVIRONMENT TO STUDY

- Fawn Sault asked if the materials previously placed in the quarry area prior to the engineered cell being completed impacted surface water or groundwater.
- Trish Edmond and Petar Kolundzija responded with how Stelco completes regular monitoring with surface water and groundwater sampling upstream and downstream of the landfill as part of a monitoring program and that results are shared with the MECP annually.
- Trish Edmond noted that studies that are expected to be completed include hydrogeological, biological, surface water, air quality (dust), noise, socio-economic (nuisance including visual), agricultural, archaeological and cultural heritage assessments.
- Fawn Sault noted that the Mississaugas of the Credit First Nation (MCFN) will want a Field Liaison Representative (FLR) to be present during investigations that involve drilling/excavating, biology or archaeological investigations. The FLR would be at a cost to the proponent.

6. CONTACTS

- Fawn Sault noted that she should be included on all correspondence and Adam LaForme should be included on archaeological related items as well as to coordinate any FLR. It was also noted that Fawn will be switching to Council on December 10, 2021 and Adam will provide the contact for the new Consultation Coordinator when available.

7. CONSULTATION

- The MCFN would like to review all reports relating to field studies completed as part of the EA.
- Fawn Sault noted that there is a MCFN community member who could provide a background on the history of the community and its treaties.
- Trevor Harris also noted that Stelco could also organize a tour. Further discussions may be helpful to better understand background context.

Action Item Summary	Responsibility
1. Procure an FLR for future intrusive, biological and archaeological investigations.	Golder/Stelco
2. MCFN to provide the contact information for the new Consultation Coordinator upon availability.	MCFN
3. MCFN and Stelco to coordinate background information sessions.	Stelco/MCFN

[https://golderassociates.sharepoint.com/sites/120877/Project Files/5 Technical Work/4 Consultation Documents \(Phases1.9, 1.10, 1.11, 1.12, 1.13\)/0_Meetings/0a MECP March 18 2021/20136711 Meeting Minutes 2021-03-18.docx](https://golderassociates.sharepoint.com/sites/120877/Project%20Files/5%20Technical%20Work/4%20Consultation%20Documents%20(Phases1.9,%201.10,%201.11,%201.12,%201.13)/0_Meetings/0a%20MECP%20March%2018%202021/20136711%20Meeting%20Minutes%202021-03-18.docx)

G5 – Six Nations of the Grand River Elected Council

**Golder/Stelco/Six Nations of the Grand River
Elected Council Proposed Landfill Expansion
Environmental Assessment
Meeting Summary**

**August 9, 2022
2:00 PM – 3:00 PM
Microsoft Teams Meeting**

Attendees:

Name	Organization	E-mail
Trish Edmond	WSP-Golder	Trish.edmond@wsp.com
Joel Robinson	WSP-Golder	Joel.robinson@wsp.com
Petar Kolundzija	Stelco	Petar.Kolundzija@stelco.com
Trevor Harris	Stelco	Trevor.Harris@stelco.com
Lonny Bomberry	Six Nations of the Grand River Elected Council	lonnybomberry@sixnations.ca
Peter Graham	Six Nations of the Grand River Elected Council	petergraham@sixnations.ca
Phil Monture	Six Nations of the Grand River Elected Council	
Taylor Hill	Six Nations of the Grand River Elected Council	
Christopher Mahon	Six Nations of the Grand River Elected Council	

Summary of Discussion

1. INTRODUCTIONS

- Attendees provided a brief introduction of themselves.

2. DESCRIPTION OF STELCO

- Stelco provided a brief background and location on the Lake Erie Works (LEW) and Hamilton Works (HW) facilities.
- Stelco produces Stelco LEW - hot rolled steel that is used in various industries.
- Stelco has upgraded facilities to be world class.
- It was noted that the LEW has a single blast furnace and that HW no longer has one. HW is used predominantly as a finishing facility while the LEW is the primary manufacturing location.

3. DESCRIPTION OF PROJECT

- Golder provided a background on the EA and consultation to date.
- It was noted that we are currently in the Terms of Reference (ToR) stage of the Environmental Assessment (EA). The ToR defines the work plan or method of conducting environmental studies.
- Aerial photographs and maps were shown to indicate the location of the LEW facility and also the existing Quarry Landfill.
- It was noted that current practices on-site are capable of recycling 93% of secondary materials and the remaining 7% is being landfilled. Residual waste remaining includes blast furnace sludge, off-gas (OG) sludge, secondary ventilation system (SVS) baghouse dust and casthouse baghouse dust.

4. LIMITED VERTICAL EXPANSION

- The Quarry Landfill is predicted to reach capacity in late 2022 or early 2023 and Stelco is pursuing a small emergency vertical expansion Environmental Compliance Approval (ECA) that will give them one year of additional disposal capacity. This process is being completed separately from the EA while Stelco pursues a 25-year long-term landfill expansion under the Environmental Assessment Act approvals process.

5. EXISTING LANDFILL DESIGN

- In 1984, a 34 m deep quarry was used to landfill blast furnace (BF) slag until the end of 2011. Some of this BF slag was subsequently removed as it has reuse value.
- In 2011, a new cell was designed and constructed by 2012 with an engineered liner and a leachate collection system. This new engineered cell received the same waste as proposed for the landfill EA expansion project. Liquid collected from the bottom of this new engineered cell is collected and directed to the on-site wastewater treatment facility.
- The historical unlined landfill and newer engineered cell are 5.5 ha in size and collectively contain 1.3 million cubic metres of waste.

6. LONG TERM EXPANSION via EA

- An aerial photograph was shown to illustrate the location of two proposed areas that are being considered for the lateral expansion.

-
- A figure showing groundwater and surface water monitoring locations was shown and it was briefly discussed how Stelco has been submitting monitoring reports to the Ministry of Environment, Conservation and Parks (MECP).
 - A cross section of the Quarry Pond and Quarry Landfill was shown to provide a general understanding of the new cell design that was created in 2011.
 - Lastly, a figure that indicated the proposed study area and potential expansion areas was shown to denote where the lateral expansion is likely to occur compared to the Quarry Landfill and the remaining Stelco property.
 - Secondary non-hazardous material is also currently being stored at the HW facility and it is being contemplated for disposal at the LEW facility. Approximately up to 435,000 cubic metres is expected to be transported from the HW facility to the LEW facility for disposal.
 - Six Nations of the Grand River Elected Council (SNGREC) asked if the expansion area is also planned to be used as a quarry similar to the Quarry Landfill. Golder noted that the proposed landfill expansion will not be a quarry and will not undergo a quarry approval. The previous quarry was utilized for on-site works at that time.
 - SNGREC asked if the waste will breakdown over time. Golder noted that the waste does not have an organic component and therefore will not breakdown. Trish noted that a contaminating lifespan will be calculated as part of the approvals process and that a monitoring period at least 25 years after closure or more depending on the contaminating lifespan calculation will be required, which is standard among most landfills.
 - SNGREC asked why this waste is not considered hazardous. Golder noted that the MECP has guidelines to assess what is considered hazardous based on a materials leaching abilities and that this waste was below those guidelines.
 - SNGREC asked what closure plan uses might be possible based on other similar landfills of this size and waste being disposed. Golder noted that no closure plan uses have been discussed but sometimes landfills are used to create an area for trails or sometimes are capped and become vegetated areas. Other options could also be considered in the future. If SNGREC has any requests to consider please let the project team know.
 - SNGREC asked why incineration is not economical. WSP Golder noted that the cost was estimated in the comparison of Alternatives To would pass them along [**Golder**]. Golder also noted that since the waste does not have an organic component like municipal solid waste (MSW), incineration would not likely be considered.
 - A draft ToR is expected to be ready for review in the next month or two.

7. ALTERNATIVES TO

- Golder discussed the 'Alternatives To' that were chosen and also the comparison of 'Alternatives To'. After comparing alternatives, landfill site closure and export of waste for disposal along with landfill site

expansion were determined to be the most feasible; however, landfill site expansion was identified by Stelco as the preferred 'Alternative To'.

- During Technical Bulletin #1, a comparison of pros and cons for landfill expansion or export of waste off-site was completed. Expansion was identified as the preferred outcome.

8. COMPONENTS OF ENVIRONMENT TO STUDY

- Trish Edmond noted that studies that are expected to be completed include hydrogeological, biological, surface water, air quality (dust), noise, socio-economic (nuisance including visual), agricultural, archaeological and cultural heritage assessments (landscapes, resources), traffic (for HW material) and land use. It was noted that land use is not expected to be problematic since the expansion is planned to use current Stelco property.
- After initial review and based on the proposed expansion area, an archaeology study will likely require a stage two investigation.
- Other members of the SNGREC may have additional comments who specialize in archaeology, aquatics (Environmental Officer), Cultural Heritage (Robin), surface water and groundwater; however, were unable to attend this meeting due to other commitments. The SNGREC noted that Dawn should be circulated materials and then Dawn will circulate the information as needed to the SNGREC specialists [**Golder**].

9. PUBLIC AND GOVERNEMENT STAKEHOLDERS AND INDIGENOUS COMMUNITIES

- Golder/Stelco received a Government Review Team (GRT) list from the MECP.
- Stelco has been in contact with a public liaison committee and other members of the public who have since requested to be included on document circulation.
- Other Indigenous Communities have also been contacted.
- The SNGREC expressed concern about the timing of work plans beginning later this year and that SNGREC scheduling may be difficult due to current field schedules/obligations.
- The SNGREC asked what the role of the MECP is and if the MECP would be attending any meetings. Golder noted that they have the final say but they delegate consultation with Indigenous Communities to the proponent and that Golder could inquire with the MECP to see if they could meet with SNGREC.

10. CONSULTATION PLAN

- Golder asked if the SNGREC have any requirements or guidelines besides reaching out to Dawn to delegate:
 - SNGREC noted that they would like to be consulted with and given as much notice as possible for upcoming field work.
 - SNGREC made a request to Stelco to see if they would subsidize SNGREC staffing costs for this project. Stelco to discuss if this is an option [**Stelco**].

11. OTHER BUSINESS

- SNGREC asked if the proposed development (“satellite city”) is in the vicinity of the Stelco LEW property and this proposed landfill expansion. It was noted that the proposed development is adjacent to the LEW property limits and in particular west of the proposed landfill expansion. Stelco also noted that they have actively been advocating against the proposed development. SNGREC asked if Stelco could pass along any documents with information on the proposed development and Stelco’s position [**Stelco**].
- SNGREC mentioned that they heard of steel slag being sold for driveway construction projects and was wondering if it was originating from Stelco and if steel slag is considered environmentally safe. Stelco steel slag is reused as surficial material for driveways and parking lots. Unlike steel slag that contains unhydrated lime which tends to expand and damage any paved surface, BF granulated slag is used in the cement industry. Historically steel slag had been also approved as non-agricultural source material and applied to agricultural land.

Action Item Summary	Responsibility
Golder to provide financial comparison of incineration versus landfill expansion.	Golder
The SNGREC noted that Dawn should be circulated materials/field survey schedules and then Dawn will circulate the information internally as needed.	Golder
Stelco to discuss if subsidizing SNGREC staffing costs is an option.	Stelco
Stelco to check and see what documents they have on the proposed development (“satellite city”) and their position that they can share with the SNGREC.	Stelco

G6 – Draft ToR

From: [Golder Secure Message Center](#) on behalf of [Joel Robinson](#)
Cc: [Robinson, Joel](#)
Subject: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion
Date: January 5, 2023 2:40:25 PM



Tracking ID: 20230105-113653-fsk58B7G

By clicking the links you agree to the [Terms of Use](#).

Sender Name **Joel Robinson**
Phone 705-722-4492
Email joel_robinson@golder.com

Download Files

Available until 04, Feb 2023

Reply

with Cryptshare

Password: No password required.

Hello,

Stelco Inc. (Stelco) has completed a draft Terms of Reference (ToR) as the first step of the Environmental Assessment (EA) of the Proposed Quarry Landfill expansion. Stelco is seeking input on the draft ToR. Please see the notification letter in the link provided outlining further information on the draft ToR and how to submit comments on the draft ToR. An electronic copy of the draft ToR is also provided on the project website at <https://consultation.stelco.com/Home/Documents> and consists of all volumes (Volumes 1 to 3).

The draft ToR will be available for public review and comment from January 6, 2023 to February 3, 2023 for a four-week review period.

Following the above review period, the draft ToR will be updated to address comments received and will be submitted to the Ontario Ministry of the Environment, Conservation and Parks (MECP) as part of the formal review process.

Should you require a hard copy (or an electronic copy in a USB drive) of the draft ToR, please email or call us and we will be happy to prepare it for you. If you wish to save a copy of the files provided in this email for future reference, please download and save them to your local computer drive as the download link will expire on February 3, 2023.

Please let us know if you have any issues accessing the notice letter or the draft ToR from the link provided. Also, if your community would like to meet to discuss the draft ToR that can be arranged.

Sincerely,

Joel Robinson

Attachments in Link: Click on the link in the upper right corner of this email labelled "Download Files" to access the Notification Letter and the draft ToR report (Volumes 1, 2 and 3).



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wsp.com

Joel Robinson, P.Geol.

Hydrogeologist

WSP Global Inc.

121 Commerce Park Drive, Unit L

Barrie, Ontario

L4N 8X1 Canada

Transfer Details

CC:

petar.kolundzija@stelco.com

trish.edmond@wsp.com

joel.robinson@wsp.com

Download Link: <https://smc.golder.com/download?id=7kdRZa7QkO&password=a.HE%23I%21n>

Files in this Transfer

Draft Terms of Reference Notice.pdf

20136711 Stelco Waste EA Volume I ToR Jan2023.pdf

20136711 Stelco Waste EA Volume II ToR Jan 2023.pdf

20136711 Stelco Waste EA Volume III ToR Jan2023.pdf

For further information please follow this link: [Cryptshare Documentation](#)

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-LAEhHhHzdJzBITWfa4Hqs7pbKI-BT-P365-c108p227-DayOne-Disclaimer

From: [Golder Secure Message Center](#)
To: [Robinson, Joel](#)
Subject: Files (4) for petar.kolundzija@stelco.com,trish.edmond@wsp.com,joel.robinson@wsp.com: Draft Terms...
Date: January 5, 2023 2:40:10 PM



Tracking ID: 20230105-113653-fsk58B7G

Expiration Date **04, Feb 2023**
Provision Date 05, Jan 2023

Revoke
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Transfer Details

CC: petar.kolundzija@stelco.com
trish.edmond@wsp.com
joel.robinson@wsp.com

BCC: jocko@sixnationsns.com
abby.laforme@mncfn.ca
adam.laforme@mncfn.ca
info@hdi.land
dlaforme@sixnations.ca
mncfn.consultation@mncfn.ca
mark.laforme@mncfn.ca
dawnrussel@sixnations.ca
markhill@sixnations.ca
rvanstone@sixnations.ca
tammymartin@sixnations.ca

Files in this transfer

Draft Terms of Reference Notice.pdf
20136711 Stelco Waste EA Volume I ToR Jan2023.pdf
20136711 Stelco Waste EA Volume II ToR Jan 2023.pdf
20136711 Stelco Waste EA Volume III ToR Jan2023.pdf

For further information please follow this link: [Cryptshare Documentation](#)

This message has been generated automatically.

Phone Call Record

Date: January 5, 2023

A phone call conversation between Joel Robinson (WSP) and Shannon (HCCC) following the distribution of the Draft Terms of Reference (ToR) to determine if the community had any questions or concerns.

A message was left with Shannon for Tracy to see if the community had any questions or concerns or would like to have a meeting to discuss the draft ToR.

Phone Call Record

Date: January 5, 2022

A phone call conversation between Joel Robinson (WSP) and Peter Graham (SNGREC) following the distribution of the draft Terms of Reference (ToR) to determine if the community had any questions or concerns.

It was noted that Robin was no longer the appropriate contact and Peter was the new Consultation Supervisor and that documents should now also be distributed Ircs@sixnations.ca. Peter requested that the draft ToR be redistributed to this email address as he did not see it yet.

Post phone call note: WSP resent the draft ToR by email following the call.

From: [Golder Secure Message Center](#)
To: [Robinson, Joel](#)
Subject: adam.laforme@mncfn.ca has downloaded all files of the transfer
Date: January 9, 2023 2:09:51 PM



Transfer Download

Subject: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion
Tracking ID: 20230105-113653-fsk58B7G

Dear Sir or Madam,

The download of one or more files you have sent on **05, Jan 2023 - 11:36:53** to adam.laforme@mncfn.ca using the subject '**Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion**' was started. Please note that this **does not imply that the user has saved the file(s) correctly.**

Details

adam.laforme@mncfn.ca

Download Date: 09, Jan 2023 - 11:09:32

Files

20136711 Stelco Waste EA Volume III ToR
Jan2023.pdf

20136711 Stelco Waste EA Volume II ToR Jan
2023.pdf

Draft Terms of Reference Notice.pdf

20136711 Stelco Waste EA Volume I ToR
Jan2023.pdf

For further information please follow this link: [Cryptshare Documentation](#)

This message has been generated automatically.

From: [Golder Secure Message Center](#)
To: [Robinson, Joel](#)
Subject: info@hdi.land has retrieved the files: Draft Terms of Reference Notice.pdf
Date: January 19, 2023 4:57:11 PM



Transfer Download

Subject: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion
Tracking ID: 20230105-113653-fsk58B7G

Dear Sir or Madam,

The download of one or more files you have sent on **05, Jan 2023 - 11:36:53** to info@hdi.land using the subject '**Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion**' was started. Please note that this **does not imply that the user has saved the file(s) correctly.**

Details

info@hdi.land

Download Date: 19, Jan 2023 - 13:56:30

Files

Draft Terms of Reference Notice.pdf

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This message has been generated automatically.

From: [Adrian Blake](#)
To: [Robinson, Joel](#); [Adam LaForme](#)
Cc: [Edmond, Trish](#); [Petar Kolundzija](#)
Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion DOCA# 2021-0665
Date: January 18, 2023 3:29:16 PM
Attachments: [image005.png](#)
[image003.png](#)

Joel,

Thank you for sharing this archaeological report with us at MCFN-DOCA. I have reviewed it and MCFN is in agreement with the recommendations made the by licensee who submitted the report. We have no issues with the archaeological survey proceeding as detailed in the Stage 1 assessment.

Best regards,

Adrian Blake, MSc. (he/him)

Field Archaeologist



Department of Consultation and Accommodation (DOCA)

Mississaugas of the Credit First Nation (MCFN)

4065 Highway 6 North, Hagersville, ON NOA 1H0

M: 905-979-3862

<http://www.mncfn.ca>

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From: Robinson, Joel <joel.robinson@wsp.com>
Sent: Tuesday, January 10, 2023 11:10 AM
To: Adam LaForme <Adam.LaForme@mncfn.ca>
Cc: Abby LaForme <Abby.LaForme@mncfn.ca>; Edmond, Trish <trish.edmond@wsp.com>; Petar Kolundzija <Petar.Kolundzija@stelco.com>
Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion DOCA# 2021-0665

Good Morning Adam,

A report found at the following link on the Haldimand County website (note: the report may automatically download when you click the link) was used to collect background archaeology information: https://www.google.com/url?client=internal-element-cse&cx=005934405742469444870:pub3lnjwdig&q=https://www.haldimandcounty.ca/wp-content/uploads/2022/02/St-1-LEIP-Addendum-RE-Final-28-01-22.pdf&sa=U&ved=2ahUKFwjx9oDQrb38AhWxHTQIHxb_Bo8QFnoECAUQAQ&usg=AOvVaw2WLQDQYlwDrWrmzFkvDXjh.

Best Regards,



Joel Robinson, P.Geo.
Hydrogeologist

T+ 1 705-722-4492
M+ 1 249-535-1009

From: Adam LaForme <Adam.LaForme@mncfn.ca>
Sent: January 9, 2023 2:23 PM
To: Robinson, Joel <joel.robinson@wsp.com>
Cc: Abby LaForme <Abby.LaForme@mncfn.ca>
Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion DOCA# 2021-0665

Good Afternoon Joel,

Are you able to share the Archaeological Assessment reports for this project?

Kind Regards,

Adam LaForme (he/him)
Archaeological Operations Supervisor

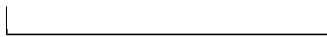


Mississaugas of the Credit First Nation (MCFN)
Department of Consultation and Accommodation (DOCA)
4065 Highway 6 North, Hagersville, ON NOA 1H0
Cell 289-527-2763

From: Golder Secure Message Center <smc@golder.com> **On Behalf Of** Joel Robinson

Sent: January 5, 2023 2:40 PM

Subject: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion



Tracking ID: 20230105-113653-fsk58B7G

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Sender Name **Joel Robinson**
Phone [705-722-4492](tel:705-722-4492)
Email joel_robinson@golder.com

Download Files

Available until 04. Feb 2023

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Password: No password required.

Hello,

Stelco Inc. (Stelco) has completed a draft Terms of Reference (ToR) as the first step of the Environmental Assessment (EA) of the Proposed Quarry Landfill expansion. Stelco is seeking input on the draft ToR. Please see the notification letter in the link provided outlining further information on the draft ToR and how to submit comments on the draft ToR. An electronic copy of the draft ToR is also provided on the project website at <https://consultation.stelco.com/Home/Documents> and consists of all volumes (Volumes 1 to 3).

The draft ToR will be available for public review and comment from January 6, 2023 to February 3, 2023 for a four-week review period.

Following the above review period, the draft ToR will be updated to address comments received and will be submitted to the Ontario Ministry of the Environment, Conservation and Parks (MECP) as part of the formal review process.

Should you require a hard copy (or an electronic copy in a USB drive) of the draft ToR, please email or call us and we will be happy to prepare it for you. If you wish to save a copy of the files provided in this email for future reference, please download and save them to your local computer drive as the download link will expire on February 3, 2023.

Please let us know if you have any issues accessing the notice letter or the draft ToR from the link provided. Also, if your community would like to meet to discuss the draft ToR that can be arranged.

Sincerely,

Joel Robinson

Attachments in Link: Click on the link in the upper right corner of this email labelled "Download Files" to access the Notification Letter and the draft ToR report (Volumes 1, 2 and 3).



T+ 1 705-722-4492

M+ 1 249-535-1009

wsp.com

Joel Robinson, P.Geo.

Hydrogeologist

WSP Global Inc.

121 Commerce Park Drive, Unit L

Barrie, Ontario

L4N 8X1 Canada

Transfer Details

CC:

petar.kolundzija@stelco.com

trish.edmond@wsp.com

joel.robinson@wsp.com

Download Link: <https://smc.golder.com/download?id=nuUv5RWLLX&password=a.HE%231%21n>

Files in this Transfer

Draft Terms of Reference Notice.pdf

20136711 Stelco Waste EA Volume I ToR Jan2023.pdf

20136711 Stelco Waste EA Volume II ToR Jan 2023.pdf

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-LAEmHhHzdJzBITWfa4Hgs7pbKI-BT-P365-c108p227-DayOne-Disclaimer

From: [Golder Secure Message Center](#) on behalf of [Joel Robinson](#)
Cc: [Robinson, Joel](#)
Subject: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion
Date: January 19, 2023 10:09:48 AM



Tracking ID: 20230119-070435-sP3QJsU2

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Sender Name **Joel Robinson**
Phone 705-722-4492
Email joel_robinson@golder.com

Download Files

Available until 04, Feb 2023

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with Cryptshare

Password: No password required.

Hi Peter,

As discussed, Stelco Inc. (Stelco) has completed a draft Terms of Reference (ToR) as the first step of the Environmental Assessment (EA) of the Proposed Quarry Landfill expansion. Stelco is seeking input on the draft ToR. Please see the notification letter in the link provided outlining further information on the draft ToR and how to submit comments on the draft ToR. An electronic copy of the draft ToR is also provided on the project website at <https://consultation.stelco.com/Home/Documents> and consists of all volumes (Volumes 1 to 3).

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Please let us know if you have any issues accessing the notice letter or the draft ToR from the link provided. Also, if your community would like to meet to discuss the draft ToR that can be arranged.

Sincerely,

Joel Robinson

Attachments in Link: Click on the link in the upper right corner of this email labelled "Download Files" to access the Notification Letter and the draft ToR report (Volumes 1, 2 and 3).



T+ 1 705-722-4492

M+ 1 249-535-1009

wsp.com

Joel Robinson, P.Geol.

Hydrogeologist

WSP Global Inc.

121 Commerce Park Drive, Unit L

Barrie, Ontario

L4N 8X1 Canada

Transfer Details

To: lrcs@sixnations.ca

CC: petar.kolundzija@stelco.com

trish.edmond@wsp.com

joel.robinson@wsp.com

Download Link: <https://smc.golder.com/download?id=phvg10Ho4b&password=YY%2FUL%3Fna>

Files in this Transfer

20136711 Stelco Waste EA Volume II ToR Jan 2023.pdf

Draft Terms of Reference Notice.pdf

20136711 Stelco Waste EA Volume III ToR Jan2023.pdf

20136711 Stelco Waste EA Volume I ToR Jan2023.pdf

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-LAEmHhHzdJzBITWfa4Hgs7pbKI-BT-P365-c108p227-DayOne-Disclaimer

From: [Golder Secure Message Center](#)
To: [Robinson, Joel](#)
Subject: Files (4) for lrcs@sixnations.ca,petar.kolundzija@stelco.com,trish.edmond@wsp.com,joel.robinson@w...
Date: January 19, 2023 10:09:45 AM



Tracking ID: 20230119-070435-sP3QJsU2

Expiration Date **04, Feb 2023**
Provision Date 19, Jan 2023

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To: lrcs@sixnations.ca

CC: petar.kolundzija@stelco.com

trish.edmond@wsp.com

joel.robinson@wsp.com

Files in this transfer

20136711 Stelco Waste EA Volume II ToR Jan 2023.pdf

Draft Terms of Reference Notice.pdf

20136711 Stelco Waste EA Volume III ToR Jan2023.pdf

20136711 Stelco Waste EA Volume I ToR Jan2023.pdf

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From: [Golder Secure Message Center](#)
To: [Robinson, Joel](#)
Subject: lracs@sixnations.ca has downloaded all files of the transfer
Date: January 20, 2023 8:39:34 AM



Transfer Download

Subject: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion
Tracking ID: 20230119-070435-sP3QJsU2

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Details

lracs@sixnations.ca

Download Date: 20, Jan 2023 - 05:39:18

Files

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20136711 Stelco Waste EA Volume III ToR Jan2023.pdf

Draft Terms of Reference Notice.pdf

For further information please follow this link: [Cryptshare Documentation](#)

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Edmond, Trish

From: Peter Graham <LRCS@sixnations.ca>
Sent: June 14, 2023 9:41 AM
To: Edmond, Trish
Cc: Robinson, Joel
Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Trish,

Thank you for letting me know.

Best, Peter

From: Edmond, Trish <trish.edmond@wsp.com>
Sent: Tuesday, June 13, 2023 10:59 AM
To: Peter Graham <LRCS@sixnations.ca>
Cc: Robinson, Joel <joel.robinson@wsp.com>
Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Peter,

My apologies for not closing the loop with you. Yes, Stelco is now agreeable to paying for field liaison, meetings and reviews. I have been working with Tanya Hill-Montour on getting an agreement signed which includes the payment terms. You were included on some of the earlier emails but as recently as this morning I spoke to Tanya on the phone, see attached for record of emails. We have yet to sign an agreement, but it is underway. Please give me a call if you have questions.

Trish



Trish Edmond

Principal, Team Lead Waste - Ontario Earth & Environment
M.E.Sc., P.Eng.
She/Her

T+ 1 613-592-9600 #3246
M+ 1 613-799-1960

Not Working Friday's

From: Peter Graham <LRCS@sixnations.ca>
Sent: Tuesday, June 13, 2023 10:27 AM
To: Edmond, Trish <trish.edmond@wsp.com>
Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Trish,

I don't believe I received a follow-up on the below.

Thank you, Peter

From: Edmond, Trish <trish.edmond@wsp.com>
Sent: Thursday, March 30, 2023 7:31 AM
To: Peter Graham <L RCS@sixnations.ca>; Robinson, Joel <joel.robinson@wsp.com>
Cc: Petar Kolundzija <Petar.Kolundzija@stelco.com>; Natalie Anderson <Natalie.Anderson@stelco.com>
Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Peter,

Just a quick update we will be speaking to the MECP on Monday and will follow up after that.

Have a great day,

Trish



Trish Edmond

Principal, Team Lead Waste - Ontario Earth & Environment
M.E.Sc., P.Eng.
She/Her

T+ 1 613-592-9600 #3246
M+ 1 613-799-1960

Not Working Friday's

From: Peter Graham <L RCS@sixnations.ca>
Sent: March 27, 2023 3:19 PM
To: Edmond, Trish <trish.edmond@wsp.com>; Robinson, Joel <joel.robinson@wsp.com>
Cc: Petar Kolundzija <Petar.Kolundzija@stelco.com>; Natalie Anderson <Natalie.Anderson@stelco.com>
Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Trish,

To clarify, I am not requesting an application form be filled in, an application fee, or even that our protocols be adhered to, aside from what is required by the Ontario government.

The FN language I'm relying on is not included in most ministry-to-proponent letters, but the ministry has confirmed it applies to all EAs: 'bearing the reasonable costs associated with these consultation opportunities'

I frankly doubt whether we'll have time to review and comment on this project, but regardless, all proponents should be willing to provide us with ministry-mandated capacity funding for such work.

Thanks, Peter

From: Edmond, Trish <trish.edmond@wsp.com>
Sent: Monday, March 27, 2023 2:50 PM
To: Peter Graham <L RCS@sixnations.ca>; Robinson, Joel <joel.robinson@wsp.com>
Cc: Petar Kolundzija <Petar.Kolundzija@stelco.com>; Natalie Anderson <Natalie.Anderson@stelco.com>
Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Peter,

Thanks for the speedy reply. Note that before replying to you we did seek guidance and information from the MECP who said:

“Generally, project proponents are not required to comply with requests from Indigenous communities that they complete application forms, pay application fees, and comply with protocols as a prerequisite to consultation about projects.

However, the province recognizes that Indigenous communities may benefit from funding to build consultation capacity or to analyze particular projects, and encourages proponents to consider reasonable requests for such funding.”

We have need to speak to the MECP about other aspects of this project and will circle back to them. No need to ask for mediation at this time but we will keep you posted what we find out. Obviously, we will not submit the final ToR until this issue is resolved but other aspects of the project will remain on-going.

Thanks and I am sure we will be in touch soon,

Trish



Trish Edmond

Principal, Team Lead Waste - Ontario Earth & Environment
M.E.Sc., P.Eng.
She/Her

T+ 1 613-592-9600 #3246
M+ 1 613-799-1960

Not Working Friday's

From: Peter Graham <LRCS@sixnations.ca>

Sent: March 27, 2023 1:54 PM

To: Robinson, Joel <joel.robinson@wsp.com>

Cc: Petar Kolundzija <Petar.Kolundzija@stelco.com>; Natalie Anderson <Natalie.Anderson@stelco.com>; Edmond, Trish <trish.edmond@wsp.com>

Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Joel,

MECP requires proponents to pay FNs reasonable capacity funding for EA work. Stelco is refusing to do this. The exact amount I'm requesting is not clear cut - i.e. what constitutes a reasonable amount is open to interpretation – but some reasonable amount is required.

Should I contact the ministry to request some form of mediation? Please pause your ToR work until we have this resolved.

Best, Peter

From: Robinson, Joel <joel.robinson@wsp.com>

Sent: Monday, March 27, 2023 11:35 AM

To: Peter Graham <LRCS@sixnations.ca>

Cc: Petar Kolundzija <Petar.Kolundzija@stelco.com>; Natalie Anderson <Natalie.Anderson@stelco.com>; Edmond, Trish <trish.edmond@wsp.com>

Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Peter,

Stelco has determined that costs related to documents review and to hold meetings by members of your community will not be able to be reimbursed; however, they are able to provide remuneration for your community's time and expenses to oversee field studies related to this EA.

Please let me know when we should expect any comments your community may have on the draft ToR.

Best regards,
Joel

From: Peter Graham <L RCS@sixnations.ca>
Sent: February 6, 2023 11:19 AM
To: Robinson, Joel <joel.robinson@wsp.com>
Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Joel,

That's fine. No rush on our part.

Thanks, Peter

From: Robinson, Joel <joel.robinson@wsp.com>
Sent: February 6, 2023 9:51 AM
To: Peter Graham <L RCS@sixnations.ca>
Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Peter,

Apologies for the delay. We passed along your email to Stelco to discuss but they typically need a little time before they respond. I will let you know as soon as I hear back from them.

Best regards,
Joel

From: Peter Graham <L RCS@sixnations.ca>
Sent: February 6, 2023 9:10 AM
To: Robinson, Joel <joel.robinson@wsp.com>
Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Joel,

Please send me a response.

Thank you, Peter

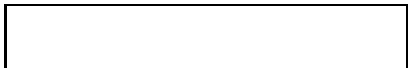
From: Peter Graham
Sent: January 23, 2023 10:13 AM
To: Joel Robinson <joel.robinson@wsp.com>
Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Joel,

We're now charging for EA consultation. Our rates are \$125 an hour for document review and a flat \$1250 for meetings with our team. Please let me know if that's acceptable.

Thank you, Peter

From: Golder Secure Message Center <smc@golder.com> **On Behalf Of** Joel Robinson
Sent: January 19, 2023 10:09 AM
To: Peter Graham <L RCS@sixnations.ca>
Subject: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion



Tracking ID: 20230119-070435-sP3QJsU2

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Sender Name **Joel Robinson**
Phone 705-722-4492
Email joel_robinson@golder.com

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Reply

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Sincerely,

Joel Robinson

Attachments in Link: Click on the link in the upper right corner of this email labelled "Download Files" to access the Notification Letter and the draft ToR report (Volumes 1, 2 and 3).



T+ 1 705-722-4492

M+ 1 249-535-1009

wsp.com

Joel Robinson, P.Geo.

Hydrogeologist

WSP Global Inc.

121 Commerce Park Drive, Unit L

Barrie, Ontario

L4N 8X1 Canada

Transfer Details

To: lrcs@sixnations.ca

CC: petar.kolundzija@stelco.com

trish.edmond@wsp.com

joel.robinson@wsp.com

Download Link:

<https://smc.golder.com/download?id=SXLGD6BVld&password=YY%2FUL%3Fna>

Files in this Transfer

20136711 Stelco Waste EA Volume II ToR Jan 2023.pdf

Draft Terms of Reference Notice.pdf

20136711 Stelco Waste EA Volume III ToR Jan2023.pdf

20136711 Stelco Waste EA Volume I ToR Jan2023.pdf

For further information please follow this link: [Cryptshare Documentation](#)

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Edmond, Trish

From: Peter Graham <LRCS@sixnations.ca>
Sent: July 7, 2023 1:43 PM
To: Edmond, Trish
Cc: Robinson, Joel
Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Trish,

Apologies for the long delay. I have no comment on this TOR, but would like the opportunity to comment on subsequent draft TORs for studies outlined in that document, particularly those for aquatic ecosystems, terrestrial ecosystems, and surface water quality.

Thank you, Peter

From: Edmond, Trish <trish.edmond@wsp.com>
Sent: Thursday, July 6, 2023 1:55 PM
To: Peter Graham <LRCS@sixnations.ca>
Cc: Robinson, Joel <joel.robinson@wsp.com>
Subject: [External] RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Peter,

I never got a response from you about reviewing the draft ToR so I thought I would follow-up. Does SNGREC wish to review the draft ToR document?

Trish

From: Edmond, Trish
Sent: June 21, 2023 9:16 AM
To: Peter Graham <LRCS@sixnations.ca>
Cc: Robinson, Joel <joel.robinson@wsp.com>
Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Peter,

I just realized what got us rolling on this discussion was you requesting funding to review the draft ToR. As you know, Stelco is now amenable to funding for FLR, reviews and meetings and is working with Tanya on the agreement. Assuming we can get that signed in the next week will you be providing comments on the draft ToR that was circulated in January 2023? Is two to three weeks enough time?

Feel free to give me a call if you have questions.

Thanks,
Trish



Trish Edmond

Senior Principal Environmental Engineer, Team Lead Waste
M.E.Sc., P.Eng.

She/Her

T+ 1 613-592-9600 #3246
M+ 1 613-799-1960

Not Working Friday's

From: Peter Graham <L RCS@sixnations.ca>
Sent: Wednesday, June 14, 2023 9:41 AM
To: Edmond, Trish <trish.edmond@wsp.com>
Cc: Robinson, Joel <joel.robinson@wsp.com>
Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Trish,

Thank you for letting me know.

Best, Peter

From: Edmond, Trish <trish.edmond@wsp.com>
Sent: Tuesday, June 13, 2023 10:59 AM
To: Peter Graham <L RCS@sixnations.ca>
Cc: Robinson, Joel <joel.robinson@wsp.com>
Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Peter,

My apologies for not closing the loop with you. Yes, Stelco is now agreeable to paying for field liaison, meetings and reviews. I have been working with Tanya Hill-Montour on getting an agreement signed which includes the payment terms. You were included on some of the earlier emails but as recently as this morning I spoke to Tanya on the phone, see attached for record of emails. We have yet to sign an agreement, but it is underway. Please give me a call if you have questions.

Trish



Trish Edmond

Principal, Team Lead Waste - Ontario Earth & Environment
M.E.Sc., P.Eng.
She/Her

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M+ 1 613-799-1960

Not Working Friday's

From: Peter Graham <L RCS@sixnations.ca>
Sent: Tuesday, June 13, 2023 10:27 AM
To: Edmond, Trish <trish.edmond@wsp.com>
Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Trish,

I don't believe I received a follow-up on the below.

Thank you, Peter

From: Edmond, Trish <trish.edmond@wsp.com>
Sent: Thursday, March 30, 2023 7:31 AM
To: Peter Graham <LRCs@sixnations.ca>; Robinson, Joel <joel.robinson@wsp.com>
Cc: Petar Kolundzija <Petar.Kolundzija@stelco.com>; Natalie Anderson <Natalie.Anderson@stelco.com>
Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Peter,

Just a quick update we will be speaking to the MECP on Monday and will follow up after that.

Have a great day,

Trish



Trish Edmond

Principal, Team Lead Waste - Ontario Earth & Environment
M.E.Sc., P.Eng.
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M+ 1 613-799-1960

Not Working Friday's

From: Peter Graham <LRCs@sixnations.ca>
Sent: March 27, 2023 3:19 PM
To: Edmond, Trish <trish.edmond@wsp.com>; Robinson, Joel <joel.robinson@wsp.com>
Cc: Petar Kolundzija <Petar.Kolundzija@stelco.com>; Natalie Anderson <Natalie.Anderson@stelco.com>
Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Trish,

To clarify, I am not requesting an application form be filled in, an application fee, or even that our protocols be adhered to, aside from what is required by the Ontario government.

The FN language I'm relying on is not included in most ministry-to-proponent letters, but the ministry has confirmed it applies to all EAs: 'bearing the reasonable costs associated with these consultation opportunities'

I frankly doubt whether we'll have time to review and comment on this project, but regardless, all proponents should be willing to provide us with ministry-mandated capacity funding for such work.

Thanks, Peter

From: Edmond, Trish <trish.edmond@wsp.com>
Sent: Monday, March 27, 2023 2:50 PM
To: Peter Graham <LRCs@sixnations.ca>; Robinson, Joel <joel.robinson@wsp.com>
Cc: Petar Kolundzija <Petar.Kolundzija@stelco.com>; Natalie Anderson <Natalie.Anderson@stelco.com>
Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Peter,

Thanks for the speedy reply. Note that before replying to you we did seek guidance and information from the MECP who said:

“Generally, project proponents are not required to comply with requests from Indigenous communities that they complete application forms, pay application fees, and comply with protocols as a prerequisite to consultation about projects.

However, the province recognizes that Indigenous communities may benefit from funding to build consultation capacity or to analyze particular projects, and encourages proponents to consider reasonable requests for such funding.”

We have need to speak to the MECP about other aspects of this project and will circle back to them. No need to ask for mediation at this time but we will keep you posted what we find out. Obviously, we will not submit the final ToR until this issue is resolved but other aspects of the project will remain on-going.

Thanks and I am sure we will be in touch soon,

Trish



Trish Edmond

Principal, Team Lead Waste - Ontario Earth & Environment
M.E.Sc., P.Eng.
She/Her

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M+ 1 613-799-1960

Not Working Friday's

From: Peter Graham <L RCS@sixnations.ca>

Sent: March 27, 2023 1:54 PM

To: Robinson, Joel <joel.robinson@wsp.com>

Cc: Petar Kolundzija <Petar.Kolundzija@stelco.com>; Natalie Anderson <Natalie.Anderson@stelco.com>; Edmond, Trish <trish.edmond@wsp.com>

Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Joel,

MECP requires proponents to pay FNs reasonable capacity funding for EA work. Stelco is refusing to do this. The exact amount I'm requesting is not clear cut - i.e. what constitutes a reasonable amount is open to interpretation – but some reasonable amount is required.

Should I contact the ministry to request some form of mediation? Please pause your ToR work until we have this resolved.

Best, Peter

From: Robinson, Joel <joel.robinson@wsp.com>

Sent: Monday, March 27, 2023 11:35 AM

To: Peter Graham <L RCS@sixnations.ca>

Cc: Petar Kolundzija <Petar.Kolundzija@stelco.com>; Natalie Anderson <Natalie.Anderson@stelco.com>; Edmond, Trish <trish.edmond@wsp.com>

Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Peter,

Stelco has determined that costs related to documents review and to hold meetings by members of your community will not be able to be reimbursed; however, they are able to provide remuneration for your community's time and expenses to oversee field studies related to this EA.

Please let me know when we should expect any comments your community may have on the draft ToR.

Best regards,
Joel

From: Peter Graham <L RCS@sixnations.ca>

Sent: February 6, 2023 11:19 AM

To: Robinson, Joel <joel.robinson@wsp.com>

Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Joel,

That's fine. No rush on our part.

Thanks, Peter

From: Robinson, Joel <joel.robinson@wsp.com>

Sent: February 6, 2023 9:51 AM

To: Peter Graham <L RCS@sixnations.ca>

Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Peter,

Apologies for the delay. We passed along your email to Stelco to discuss but they typically need a little time before they respond. I will let you know as soon as I hear back from them.

Best regards,
Joel

From: Peter Graham <L RCS@sixnations.ca>

Sent: February 6, 2023 9:10 AM

To: Robinson, Joel <joel.robinson@wsp.com>

Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Joel,

Please send me a response.

Thank you, Peter

From: Peter Graham
Sent: January 23, 2023 10:13 AM
To: Joel Robinson <joel.robinson@wsp.com>
Subject: RE: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Joel,

We're now charging for EA consultation. Our rates are \$125 an hour for document review and a flat \$1250 for meetings with our team. Please let me know if that's acceptable.

Thank you, Peter

From: Golder Secure Message Center <smc@golder.com> **On Behalf Of** Joel Robinson
Sent: January 19, 2023 10:09 AM
To: Peter Graham <LRCS@sixnations.ca>
Subject: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion



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Sender Name **Joel Robinson**
Phone 705-722-4492
Email joel_robinson@golder.com

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Hi Peter,

As discussed, Stelco Inc. (Stelco) has completed a draft Terms of Reference (ToR) as the first step of the Environmental Assessment (EA) of the Proposed Quarry Landfill expansion. Stelco is seeking input on the draft ToR. Please see the notification letter in the link provided outlining further information on the draft ToR and how to submit comments on the draft ToR. An electronic copy of the draft ToR is also provided on the project website at <https://consultation.stelco.com/Home/Documents> and consists of all volumes (Volumes 1 to 3).

The draft ToR has been available for public review and comment since January 6, 2023 and will remain available until February 3, 2023 for a four-week review period.

Following the above review period, the draft ToR will be updated to address comments received and will be submitted to the Ontario Ministry of the Environment, Conservation and Parks (MECP) as part of the formal review process.

Should you require a hard copy (or an electronic copy in a USB drive) of the draft ToR, please email or call us and we will be happy to prepare it for you. If you wish to save a copy of the files provided in this email for future reference, please download and save them to your local computer drive as the download link will expire on February 3, 2023.

Please let us know if you have any issues accessing the notice letter or the draft ToR from the link provided. Also, if your community would like to meet to discuss the draft ToR that can be arranged.

Sincerely,

Joel Robinson

Attachments in Link: Click on the link in the upper right corner of this email labelled "Download Files" to access the Notification Letter and the draft ToR report (Volumes 1, 2 and 3).



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L4N 8X1 Canada

Transfer Details

To: lrcs@sixnations.ca

CC: petar.kolundzija@stelco.com

trish.edmond@wsp.com

joel.robinson@wsp.com

Download Link:
<https://smc.golder.com/download?id=SXLGD6BVId&password=YY%2FUL%3Fna>

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Draft Terms of Reference Notice.pdf

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20136711 Stelco Waste EA Volume I ToR Jan2023.pdf

For further information please follow this link: [Cryptshare Documentation](#)

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APPENDIX H

Draft Terms of Reference

H1 – Newspaper Advertisements

H2 – Public Review Locations Cover Letters

H3 – Example Emails Sent

H4 – Public Comments Received

H5 – GRT Comments Received and Disposition Tables/Responses

H1 – Newspaper Advertisements



FROM THE VOLUNTEERS AND BOARD OF THE HAGERSVILLE FOOD BANK

It is hard to believe that another year has flown by already. A year ago we thought there was an end in sight to the COVID nightmare and that things would return to normal. Now we are in the midst of the flu and RSV as well as COVID and have the added pain of the economic struggles all of us are feeling. The increase of inflation and interest rates has hurt all of us to some extent and has left those most vulnerable, having to make some tough decisions around food, heating and hydro and medical supports. A simple trip to the grocery store has become a scary exercise.

Luckily, we live in an extremely caring community, where despite anything any of us are going through, they continue to give most generously to those in need. We have never experienced such an outpouring of support for our clients and we are extremely grateful. Your ongoing support and generosity has left us with our shelves full to capacity and more Christmas hampers going out the door this year than we have ever had to do. We have seen a steady increase in client numbers for over a year now and expect this to continue well into the New Year. The support of the local businesses, churches, schools, and the general public has left us well positioned to continue our work next year.

On behalf of our clients and volunteers at the Hagersville Food Bank, we would like to thank you all for your caring and generosity this year and wish all of you a happy and healthy New Year.

Cottonwood toy drive a success



SELKIRK—The Cottonwood by Candlelight Toy Drive was able to collect 24 toys and \$100 in donations for local families in need. Santa is shown picking up the toys. Cottonwood Mansion thanks the community for their support and will be running this initiative again next Christmas. —Photo courtesy of Iona Whatford, Museum Manager, Cottonwood Mansion Museum.

Fatal hit and run in Hagersville

To The Haldimand Press

HAGERSVILLE—The OPP continues to investigate a fatal collision involving a pedestrian on Indian Line on Tuesday, January 3, 2023 at approximately 4:47 a.m.

The Ontario Provincial Police (OPP), Norfolk County Detachment, Six Nations Police Service, along with Fire and EMS responded to an Indian Line address located in Townsend for the collision.

As a result of the crash, the pedestrian suffered serious life-threatening injuries and was transported to a local hospital where they were pronounced deceased. The vehicle involved in this incident failed to remain at the scene of the collision.

Investigators were searching for a mid-sized white coloured Sports Utility Vehicle with extensive front-end damage. The vehicle was last seen going eastbound on Indian Line toward Hagersville following the crash.

Indian Line was closed between Mohawk Road and Villa Nova Road for several

hours while officers continued to investigate. West Region OPP Traffic Incident Management and Enforcement Team are continuing to investigate.

Investigators are asking anyone that may have been travelling on Indian Line between Mohawk Road and Villa Nova Road between 4 and 5 a.m. to contact police if they observed anything suspicious. Community residents in the surrounding area are also being asked to check their security surveillance cameras to see if the captured the vehicle or pedestrian involved.

The name of the deceased was not released as of publication, pending notification to next of kin.

Anyone with information are asked to contact police at 1-888-310-1122.

Should you wish to remain anonymous, you may call Crime Stoppers at 1-800-222-8477 (TIPS) or leave an anonymous online message at helpsolvecrime.com where you may be eligible to receive a cash reward of up to \$2,000.

Draft Terms of Reference Notice

Environmental Assessment of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke

As part of the planning process for the proposed Quarry Landfill Expansion, a draft Terms of Reference has been prepared. If approved, the Terms of Reference will serve as a framework for the preparation and review of the Environmental Assessment (EA) for the proposed undertaking.

Stelco is proposing to expand the existing Quarry Landfill (the Site) at the Lake Erie Works (LEW) to accommodate the on-site disposal of non-hazardous steelmaking secondary materials generated at the facility that cannot be reused or recycled, as well as the potential disposal of historical non-hazardous steel-making secondary materials from the Hamilton Works site (HW), located approximately 70 km from the Site (not defined). Current projections estimate that the capacity of the current Quarry Landfill will be reached during 2023. Stelco is currently evaluating re-use and recycling opportunities for the historical non-hazardous secondary materials from HW; however, some of these materials will need disposal and will be included in the volume required for the Site expansion. The purpose of the EA is to identify alternatives and study the

potential effects of the proposed landfill expansion on the environment. Stelco has completed a comparison of 'Alternatives To' and Landfill Site Expansion was identified by Stelco as the preferred 'Alternative To'. The draft Terms of Reference is a summary document of the proposed Project, the Project need or rationale, environmental components considered, high level existing environment, 'Alternatives To', how the 'Alternatives To' were considered, consultation undertaken and the results, future consultation during the EA, work plans for the EA and Terms of Reference commitments.

The Site is located at the Stelco facility in Nanticoke, Ontario. The location of the Site is indicated on the map at right:

The draft Terms of Reference will be available for public review and comment at the following locations:

- | | |
|--|---|
| <p>1. Ministry of the Environment, Conservation and Parks
Environmental Assessment and Permissions Branch
135 St. Clair Avenue West, 1st Floor
Toronto, ON M4V 1P5
416-314-8001/1-800-461-6290
Monday to Friday 8:30 a.m. – 5 p.m.</p> | <p>3. Norfolk County Public Library – Port Dover Branch
713 St. George St.
Port Dover, ON N0A 1N0
519-426-3506 ext. 3
Tues. 10 a.m. – 5 p.m., Wed. and Thurs. 12 p.m. – 7 p.m.,
Fri 10 a.m. – 5 p.m., Sat. 10 a.m. – 3 p.m.</p> |
| <p>2. Ministry of the Environment, Conservation and Parks
Hamilton District Office
119 King St. W., 9th Floor
Hamilton, ON L8P 4Y7
905-521-7650/1-800-668-4557
By appointment only</p> | <p>4. Haldimand County Public Library – Jarvis Branch
2 Monson St.
Jarvis, ON N0A 1J0
289-674-0400 ext. 5
Mon. 12 p.m. – 8 p.m., Thurs. 10 a.m. – 8 p.m.,
Fri and Sat. 10 a.m. – 5 p.m.</p> |

5. <https://consultation.stelco.com/Home/Project>



Following the above review period, the draft Terms of Reference will be updated to address comments received and will be submitted to the Ontario Ministry of the Environment, Conservation and Parks as part of the formal review process. Interested persons are encouraged to review the draft Terms of Reference and provide comments by February 3, 2023. Comments may be submitted by mail or e-mail to the individuals listed below.

Trish Edmond, P.Eng.
EA Manager
WSP-Golder
1931 Robertson Road
Ottawa, ON, K2H 5B7
Telephone: 1-800-275-3281
E-mail: trish.edmond@wsp.com

Petar Kolundzija
Manager - Environmental Affairs
Stelco Inc.
2330 Haldimand Road 3
Nanticoke, ON, N0A 1L0
Telephone: 1-905-577-4407
E-mail: consultation@stelco.com

All personal information included in a submission – such as name, address, telephone number and property location – is collected, maintained and disclosed by the Ministry of the Environment, Conservation and Parks for the purpose of transparency and consultation. The information is collected under the authority of the *Environmental Assessment Act* or is collected and maintained for the purpose of creating a record that is available to the general public as described in s.37 of the *Freedom of Information and Protection of Privacy Act*. Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential. For more information, please contact the Project Officer or the Ministry of the Environment, Conservation and Parks Freedom of Information and Privacy Coordinator at 416-327-1434.

Date published: January 5, 2023

Russia blames soldiers' phones for accurate strike

Expert says it is 'very hard to verify' whether cellphone signalling is to blame

FELIPE DANA and JOANNA KOZLOWSKA

KYIV The Russian military's top brass came under increasing scrutiny Wednesday as more details emerged of how at least 89 Russian soldiers, and possibly many more, were killed in a Ukrainian artillery attack on a single building.

The scene last weekend in the Russian-held eastern Ukrainian town of Makiivka, where the soldiers were temporarily stationed, appears to have been a recipe for disaster.

Hundreds of Russian troops were reportedly clustered in a building close to the front line of the war, well within range of the enemy's Western-supplied precision artillery, possibly sitting close to an ammunition store, and perhaps unwittingly helping Kyiv's forces to zero in on them.

It was one of the deadliest single attacks on the Kremlin's forces since the war began more than 10 months ago and the highest death toll in a single incident acknowledged so far by either side in the conflict.

Ukraine's armed forces claimed the strike killed around 400 mo-

bilized Russian soldiers housed in a vocational school building in Makiivka. About 300 more of them were wounded, officials alleged. It wasn't possible to verify either side's claims due to the fighting.

The Russian military sought to blame the soldiers for their own deaths. Gen. Lt. Sergei Sevryukov said in a statement late Tuesday that their phone signals allowed Kyiv's forces to "determine the co-ordinates of the location of military personnel" and launch a strike.

Emily Ferris, a Research Fellow on Russia and Eurasia at the Royal United Services Institute in London, told The Associated Press it is "very hard to verify" whether cellphone signalling and geolocation were to blame for the accurate strike.

She noted that Russian soldiers on active duty are forbidden from using their phones — exactly because there have been so many instances in recent years of their being used for targeting, including by both sides in the Ukraine war. The conflict has made ample use of modern technology.

She also noted that blaming the soldiers themselves was a "helpful



Mourners gather to lay flowers in memory of dozens of Russian soldiers that Russia says were killed in a Ukrainian strike on Russian-controlled territory, in Samara, on Jan. 3. ARDEN ARKMAN/AFP VIA GETTY IMAGES

narrative" for Moscow as it helps deflect criticism and steer attention toward the official cellphone ban.

Russian President Vladimir Putin sought to move the conversation along, too, as he took part via video link in a sending-off ceremony Wednesday for a frigate equipped with the Russian navy's new hypersonic missiles.

Putin said the Zircon missiles that the Admiral Gorshkov frigate was carrying were a "unique weapon," capable of flying at nine times the speed of sound and

with a range of 1,000 kilometres. Russia says the missiles can't be intercepted.

The Makiivka strike seemed to be the latest blow to the Kremlin's military prestige as it struggles to advance the invasion of its neighbour amid a successful Ukrainian counteroffensive.

But Ferris, the analyst, said that "there should be a bit of caution around leaning too heavily on this (attack) as a sign of (the) Russian army's weakness."

As details of the strike have trickled out in recent days, some ob-

servers detected military sloppiness at the root of so many deaths.

U.K. intelligence officials said Wednesday that Moscow's "unprofessional" military practices were likely partly to blame for the high casualty rate on the troops.

"Given the extent of the damage, there is a realistic possibility that ammunition was being stored near to troop accommodation, which detonated during the strike, creating secondary explosions," the U.K. Defense Ministry said in a Twitter post.

The Associated Press

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DRAFT TERMS OF REFERENCE NOTICE ENVIRONMENTAL ASSESSMENT OF THE PROPOSED QUARRY LANDFILL EXPANSION, STELCO LAKE ERIE WORKS, NANTICOKE.

As part of the planning process for the proposed Quarry Landfill Expansion, a draft Terms of Reference has been prepared. If approved, the Terms of Reference will serve as a framework for the preparation and review of the Environmental Assessment (EA) for the proposed undertaking.

Stelco is proposing to expand the existing Quarry Landfill (the Site) at the Lake Erie Works (LEW) to accommodate the on-site disposal of non-hazardous steelmaking secondary materials generated at the facility that cannot be reused or recycled, as well as the potential disposal of historical non-hazardous steel-making secondary materials from the Hamilton Works site (HW), located approximately 70 km from the Site (not defined). Current projections estimate that the capacity of the current Quarry Landfill will be reached during 2023. Stelco is currently evaluating re-use and recycling opportunities for the historical non-hazardous secondary materials from HW; however, some of these materials will need disposal and will be included in the volume required for the Site expansion. The purpose of the EA is to identify alternatives and study the potential effects of the proposed landfill expansion on the environment. Stelco has completed a comparison of 'Alternatives To' and Landfill Site Expansion was identified by Stelco as the preferred 'Alternative To'. The draft Terms of Reference is a summary document of the proposed Project, the Project need or rationale, environmental components considered, high level existing environment, 'Alternatives To', how the 'Alternatives To' were considered, consultation undertaken and the results, future consultation during the EA, work plans for the EA and Terms of Reference commitments.

The Site is located at the Stelco facility in Nanticoke, Ontario. The location of the Site is indicated on the map below:



The draft Terms of Reference will be available for public review and comment at the following locations:

1. Ministry of the Environment, Conservation and Parks
Environmental Assessment and Permissions Branch
135 St. Clair Avenue West, 1st Floor
Toronto, ON M4V 1P5
416-314-8001/1-800-461-6290
Monday to Friday 8:30 a.m. – 5 p.m.
2. Ministry of the Environment, Conservation and Parks
Hamilton District Office
119 King St. W., 9th Floor
Hamilton, ON L8P 4Y7
905-521-7650/1-800-668-4557
By appointment only
3. Norfolk County Public Library – Port Dover Branch
713 St. George St.
Port Dover, ON N0A 1N0
519-426-3506 ext. 3
Tues. 10 a.m. – 5 p.m., Wed. and Thurs. 12 p.m. – 7 p.m., Fri 10 a.m. – 5 p.m., Sat. 10 a.m. – 3 p.m.
4. Haldimand County Public Library – Jarvis Branch
2 Monson St.
Jarvis, ON N0A 1J0
289-674-0400 ext. 5
Mon. 12 p.m. – 8 p.m., Thurs. 10 a.m. – 8 p.m., Fri and Sat. 10 a.m. – 5 p.m.
5. <https://consultation.stelco.com/Home/Project>

Following the above review period, the draft Terms of Reference will be updated to address comments received and will be submitted to the Ontario Ministry of the Environment, Conservation and Parks as part of the formal review process. Interested persons are encouraged to review the draft Terms of Reference and provide comments by February 3, 2023. Comments may be submitted by mail or e-mail to the individuals listed below.

Trish Edmond, P.Eng. EA Manager WSP - Goldier 1931 Robertson Road Ottawa, ON, K2H 5B7 Telephone: 1-800-275-3281 E-mail: trish.edmond@wsp.com	Petar Kolundzija Environmental Affairs Stelco Inc. 2330 Haldimand Road 3 Nanticoke, ON, N0A 1L0 Telephone: 1-905-577-4407 E-mail: consultation@stelco.com
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All personal information included in a submission – such as name, address, telephone number and property location – is collected, maintained and disclosed by the Ministry of the Environment, Conservation and Parks for the purpose of transparency and consultation. The information is collected under the authority of the Environmental Assessment Act or is collected and maintained for the purpose of creating a record that is available to the general public as described in s.37 of the Freedom of Information and Protection of Privacy Act. Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential. For more information, please contact the Project Officer or the Ministry of the Environment, Conservation and Parks' Freedom of Information and Privacy Coordinator at 416-327-1434.

H2 – Public Review Locations Cover Letters



TO: Public Review Locations

FROM: Trish Edmond, EA Manager, WSP



RE: Draft - Proposed Terms of Reference for the Environmental Assessment of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke

Stelco Inc. (Stelco) has completed a draft Terms of Reference (ToR) for the Environmental Assessment (EA) of the Proposed Quarry Landfill Expansion at the Stelco Lake Erie Works in Nanticoke, Ontario.

The draft ToR, if approved, will serve as a framework for the preparation and review of the EA. The draft ToR is for the EA Study of long-term disposal of non-hazardous steelmaking secondary material options for a 15 to 25-year planning period via landfilling. Stelco is seeking to accommodate disposal of non-hazardous steelmaking secondary materials that cannot be re-used or recycled corresponding to the consumption of approximately 1,185,000 to 1,685,000 m³ of landfill disposal, as current projections estimate that the approved capacity of the existing Quarry Landfill will be reached during 2023. The ToR evaluated long-term non-hazardous steelmaking secondary material management options to achieve this objective and has identified expansion of the existing Quarry Landfill as the preferred alternative.



LEGEND

-  APPROVED QUARRY LANDFILL BOUNDARY (5.5 ha)
-  APPROXIMATE PROPERTY BOUNDARY

The draft ToR will be available for public review and comment from January 6, 2023 to February 3, 2023 for a four-week review period. Please maintain the hard copy reports provided with this memo such that the public can access these documents during the review period.

An electronic copy of the draft ToR will also be available for review on the project website at <https://consultation.stelco.com/Home/Documents>.

Following the above review period, the draft ToR will be updated to address comments received and will be submitted to the Ontario Ministry of the Environment, Conservation and Parks (MECP) as part of the formal review process.

Interested persons are encouraged to review the draft ToR report and provide comments by February 3, 2023. Comments may be submitted by mail or e-mail to the individuals listed below

Petar Kolundzija
Manager – Environmental Affairs
Stelco Inc.
2330 Haldimand Road 3
Nanticoke, ON N0A 1L0
Telephone: 1-905-577-4407
E-mail: consultation@stelco.com

Trish Edmond, P.Eng.
EA Manager
WSP
1931 Robertson Road
Ottawa, ON K2H 5B7
Telephone: 1-800-275-3281
E-mail: trish.edmond@wsp.com

If you require any accommodations for a disability to review the draft ToR, contact Petar Kolundzija at 1-905-577-4407 to make the appropriate arrangements.

All personal information included in a submission – such as name, address, telephone number and property location – is collected, maintained and disclosed by the MECP for the purpose of transparency and consultation. The information is collected under the authority of the *Environmental Assessment Act* or is collected and maintained for the purpose of creating a record that is available to the general public as described in s.37 of the *Freedom of Information and Protection of Privacy Act*. Personal information you submit will become part of a public record that is available to the general public unless you request that your personal information remain confidential. For more information, please contact the MECP's Freedom of Information and Privacy Coordinator at 416-327-1434.

H3 – Example Emails Sent

From: [Golder Secure Message Center](#) on behalf of [Joel Robinson](#)
Cc: [Robinson, Joel](#)
Subject: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion
Date: January 5, 2023 2:06:53 PM



Tracking ID: 20230105-105408-0WG2zKbX

By clicking the links you agree to the [Terms of Use](#).

Sender Name **Joel Robinson**
Phone 705-722-4492
Email joel_robinson@golder.com

Download Files

Available until 04, Feb 2023

Reply

with Cryptshare

Password: No password required.

Hello,

Stelco Inc. (Stelco) has completed a draft Terms of Reference (ToR) as the first step of the Environmental Assessment (EA) of the Proposed Quarry Landfill expansion. Stelco is seeking input on the draft ToR. Please see the notification letter in the link provided outlining further information on the draft ToR and how to submit comments on the draft ToR. An electronic copy of the draft ToR is also provided on the project website at <https://consultation.stelco.com/Home/Documents> and consists of all volumes (Volumes 1 to 3).

The draft ToR will be available for public review and comment from January 6, 2023 to February 3, 2023 for a four-week review period.

Following the above review period, the draft ToR will be updated to address comments received and will be submitted to the Ontario Ministry of the Environment, Conservation and Parks (MECP) as part of the formal review process.

Should you require a hard copy (or an electronic copy in a USB drive) of the draft ToR, please email or call us and we will be happy to prepare it for you. If you wish to save a copy of the files provided in this email for future reference, please download and save them to your local computer drive as the download link will expire on February 3, 2023.

Please let us know if you have any issues accessing the notice letter or the draft ToR from the link provided.

Sincerely,

Joel Robinson

Attachments in link: Click on the link in the upper right corner of this email labelled "Download Files" to access the Notification Letter and the draft ToR report (Volumes 1, 2 and 3).



T+ 1 705-722-4492

M+ 1 249-535-1009

wsp.com

Joel Robinson, P.Geo.

Hydrogeologist

WSP Global Inc.

121 Commerce Park Drive, Unit L

Barrie, Ontario

L4N 8X1 Canada

Transfer Details

Files in this Transfer

CC: petar.kolundzija@stelco.com

joel.robinson@wsp.com

trish.edmond@wsp.com

20136711 Stelco Waste EA Volume II ToR Jan 2023.pdf

20136711 Stelco Waste EA Volume III ToR Jan2023.pdf

20136711 Stelco Waste EA Volume I ToR Jan2023.pdf

Draft Terms of Reference Notice.pdf

Download Link: <https://smc.golder.com/download?id=6NAjR28sOR&password=fRU3klI8>

For further information please follow this link: [Cryptshare Documentation](#)

This message has been generated automatically.

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-LACmHHHzdJzBITWfa4Hqs7phKI-BT-P365-c106p227-DayOne-Disclaimer

From: [Petar Kolundzija](#)
Cc: [Katie Chan](#)
Bcc: [REDACTED]; [Burt, Stephen \(MECP\)](#); [Stuart McAskill](#); [Gamble, Jeremy \(MECP\)](#); [Durst, Michael \(MECP\)](#); [Trevor Harris](#); [Natalie Anderson \(Natalie.Anderson@stelco.com\)](#)
Subject: Stelco Lake Erie Works - Draft Terms of Reference Notice
Date: Thursday, January 5, 2023 1:56:00 PM
Attachments: [2023 Jan 5 Draft Terms of Reference Notice FINAL.pdf](#)

Dear Lake Erie Works CLC Members:

We wish to inform you that Stelco will be circulating a draft Terms of Reference for the proposed landfill expansion at Lake Erie Works. Please see attachment for further details.

If you have any questions, do not hesitate to contact me.

Regards,

Petar Kolundzija

Manager

Environmental Affairs



2330 Haldimand Road 3

Nanticoke, ON N0A 1L0

E: petar.kolundzija@stelco.com

O: 519.587.4541 ext. 2506

M: 519.410.2490

W: stelco.com

From: [Petar Kolundzija](#)
Cc: [Katie Chan](#)
Bcc: [REDACTED]; [Trevor Harris \(Trevor.Harris@stelco.com\)](mailto:Trevor.Harris@stelco.com); [Natalie Anderson \(Natalie.Anderson@stelco.com\)](mailto:Natalie.Anderson@stelco.com)
Subject: Stelco Lake Erie Works - Draft Terms of Reference Notice
Date: Thursday, January 5, 2023 1:57:00 PM
Attachments: [2023 Jan 5 Draft Terms of Reference Notice FINAL.pdf](#)

Dear Stelco Lake Erie Works neighbours:

We wish to inform you that Stelco will be circulating a draft Terms of Reference for the proposed landfill expansion at Lake Erie Works. Please see attachment for further details.

If you have any questions, do not hesitate to contact me.

Regards,

Petar Kolundzija

Manager

Environmental Affairs



2330 Haldimand Road 3

Nanticoke, ON N0A 1L0

E: petar.kolundzija@stelco.com

O: 519.587.4541 ext. 2506

M: 519.410.2490

W: stelco.com

H4 – Public Comments Received

Edmond, Trish

From: [REDACTED]
Sent: February 2, 2023 2:29 PM
To: Edmond, Trish
Subject: land fill

Categories: Orange Category

Good day I am writing to you about my concerns about the expansion of the stelco land fill. My husband and I have lived out in the village for 35 yrs now and we have seen pollution grow over time not get better. We are constantly complaining about the dirt and dust that comes from the plant. We are very concerned that expanding the land fill will only bring more pollution, this land fill is not monitored properly now and feel that you say none hazardous now but like always things start out small and get big. There is a creek very close to this site and as we have seen in the past accident happen. As a tax payer in Haldimand county and a resident of Nanticoke our family is very opposed t this e expansions on all levels. It will just be one more item on Stelcos agenda that they will always be explaining themselves and it could be extra cost to them with the community fighting it.

[REDACTED]

Edmond, Trish

From: [REDACTED]
Sent: February 1, 2023 3:37 PM
To: Edmond, Trish
Subject: Lake Erie Stelco HazardousWaste Landfill

Categories: Orange Category

Hi

As a neighbour of Stelco Lake Erie , I am very concerned about waste of any type being trucked to Nanticoke from Hamilton.

The village of Nanticoke is very close to Stelco as are we.

There is significant air , water, already.

Hamilton waste is not needed here.

Yours truly

[REDACTED]

Sent from my Bell Samsung device over Canada's largest network.

H5 – GRT Comments Received and Disposition Tables/Responses

**Ministry of the Environment,
Conservation and Parks**

**Ministère de l'Environnement,
de la Protection de la nature
et des Parcs**

Environmental Assessment
Branch

Direction des évaluations
environnementales

1st Floor
135 St. Clair Avenue W
Toronto ON M4V 1P5
Tel.: 416 314-8001
Fax.: 416 314-8452

Rez-de-chaussée
135, avenue St. Clair Ouest
Toronto ON M4V 1P5
Tél. : 416 314-8001
Télééc. : 416 314-845

February 27, 2023

MEMORANDUM

TO: Trish Edmond, P.Eng.
EA Manager
Golder and Associates Ltd.

FROM: Stephen Deneault
Project Officer
Environmental Assessment Branch
Ministry of the Environment, Conservation and Parks

RE: Review of the Draft Terms of Reference for the Quarry Landfill Expansion at Stelco's Lake Erie Works Site

Thank you for the opportunity to review the draft Terms of Reference (ToR) for the Stelco Lake Erie Works Site Quarry Landfill Expansion Environmental Assessment (EA). The Ministry of the Environment, Conservation and Parks (ministry) has conducted a review of the draft ToR, taking into consideration the applicable requirements of the *Environmental Assessment Act*, the Code of Practice for Preparing and Reviewing Terms of Reference for Environmental Assessments in Ontario (ToR Code of Practice), and other relevant ministry guidance.

As a result of its review, the ministry's Environmental Assessment Services Section provides the feedback below, as well as detailed comments in the attached table.

On February 16, 2023, the ministry also sent you comments from the ministry's technical reviewers related to the following topics/subject areas:

- Appendix A - Air Quality
- Appendix B – Noise
- Appendix C – Wastewater
- Appendix D – Conservation and Source Protection
- Appendix E – Climate Change
- Appendix F – Surface Water
- Appendix G – Groundwater
- Appendix H – Indigenous Consultation
- Appendix I – Species at Risk
- Appendix J – Resource Recovery
- Appendix K – Regional Office Review

Please note that Appendix E – Climate Change, has been updated to include an additional comment following review by the ministry's Adaptation and Resilience Branch. Please find enclosed.

OVERVIEW OF COMMENTS

Consultation with Haudenosaunee Confederacy Chiefs Council

Indigenous consultation seems to be incomplete as there appears to be a number of missing records, including any record of engagement (or attempted engagement with) Haudenosaunee Confederacy Chiefs Council.

The ministry recommends that Stelco refer to the ToR Code of Practice, Section 5.3.1 regarding record of consultation requirements, and the detailed set of comments provided by the ministry to Stelco on February 16th, 2023, and the January 19, 2022 ministry letter that delegated the procedural aspects of Indigenous consultation to Stelco for this project (enclosed) and update the record of consultation accordingly.

Range of Alternatives

The focusing and/or screening of 'alternatives to' described in the draft ToR does not provide enough information or documentation to demonstrate consideration of key environment effects, such as potential impacts to the natural environment, potential cultural and socio-economic impacts, and impacts to Aboriginal and Treaty rights. The draft ToR also provides limited information on consultation with interested person that may have informed the focusing and/or screening of alternative methods.

The ministry recommends that Stelco provide additional detail in the supporting documents to support any screening or focusing of alternatives in the ToR.

Time Frames

Stelco should review and revise all dates and references to EA approval in the draft ToR for accuracy.

The draft ToR also describes a period, between 2023 when the current Quarry landfill reaches capacity to an anticipated operation start date in 2026, where interim measures to manage waste will need to be implemented. The ministry recommends that Stelco updated the ToR to provide additional details on how Stelco will manage and mitigate any potential effects during this period.

The comments above are not exhaustive. Please refer to the attached comment table for additional feedback from the Environmental Assessment Services Section.

Next Steps

The ministry encourages Stelco to prepare responses to the enclosed comments from the ministry's technical reviewers in advance of submitting a final ToR to the ministry. Please provide your responses to me at Stephen.Deneault@ontario.ca. I will then distribute the responses to the appropriate internal ministry reviewers.

The ministry is available to meet with Stelco to support resolving issues prior to the submission of a final ToR. Should Stelco wish to meet with technical reviewers to discuss the enclosed comments, please let me know. If you have any questions, please do not hesitate to contact me at Stephen.Deneault@ontario.ca or at 437-247-3443.

Sincerely,



Stephen Deneault
Project Officer
Environmental Assessment Branch

Attachments:

Environmental Assessment Services Comment Table
Appendix E – Climate Change
January 19, 2022 Delegation Letter

c: Petar Kolundzija – Stelco Inc.
Andrew Evers – Environmental Assessment Branch

Proposal: Quarry Landfill Expansion, Stelco Lake Erie Works Site, Nanticoke Draft Terms of Reference (ToR)

Proponent: Stelco Inc. (Stelco)

Commenter Name and Job Title: Stephen Deneault, Project Officer, Environmental Assessment Branch

Comment #	Reference to draft ToR	Comments & Rationale	Proposed Action/Solution
1	Page xi	<p>List of Acronyms</p> <p>Note that the Ministry of Heritage, Sport, Tourism and Cultural Industries (MHSTCI) is now referred to as the Ministry of Citizenship and Multiculturalism (MCM).</p>	Revise the list of acronyms, and all references to MHSTCI in the draft ToR, and change to MCM.
2	Section 7.1, page 41	<p>Editorial Comment</p> <p>Where it reads: <i>“It is proposed that the EA work will be undertaken in a series of seven steps (further details are provided in Section 7.6) as follows:”</i></p> <p>Is this supposed to reference Section 7.5 instead?</p>	Review the reference to section 7.5 and 7.6 and update accordingly.
3	Executive summary, page i	<p>Description of the Existing Quarry Landfill</p> <p>Where it reads: <i>“The existing Quarry Landfill is situated in a 5.5 hectare (ha), 34 metre (m) deep former limestone quarry at the west end of the LEWF. The landfill boundary corresponds to the vertical rock wall of the former quarry...”</i></p> <p>The description should be detailed and in plain language. Can an alternative word for “corresponds” be used when describing the existing site? More detail is requested in this section.</p>	Revise the description of the existing site.
4	Executive summary, page v And; Section 2.3, page 7	<p>References to Consultation Plan vs. Record of Consultation</p> <p>Where it reads: <i>“The ToR describes the draft Consultation Plan prepared and undertaken by Stelco for the development of this ToR, as well as the program proposed for the subsequent EA process.”</i></p> <p>And;</p>	Revise these sections and the ToR with consistent terms for the Consultation Plan and Record of Consultation.

		<p><i>"Section 8.0 presents the consultation plan for developing this ToR including results of consultation undertaken to date."</i></p> <p>When referring to the past consultation that took place during the preparation of the ToR, 'Record of Consultation' should be the term used. The 'Consultation Plan' should refer to the future consultation that will take place during the preparation of the EA. Please refer to the <i>ToR Code of Practice</i> Sections 5.2.9 and 5.3.1 when defining the Consultation vs. the Record of Consultation in the ToR to avoid confusion.</p>	
5	<p>Executive summary, page v</p> <p>And;</p> <p>Section 9, page 73</p>	<p>Referring to a Minister's Decision</p> <p>Where it reads: <i>"The Draft EA will be circulated for a seven week public comment period prior to finalization and submission to the MECP for approval. In addition, consultation specific to individual Indigenous Communities will also be carried out."</i></p> <p>And;</p> <p><i>"Following approval of this ToR and during preparation of the EA, a consultation program will be continued to engage the public, businesses, the GRT, Indigenous Communities, as well the CLC interested during the EA process. Input will be obtained through a number of engagement activities, as proposed below. In addition to the engagement activities described below, consultation specific to individual Indigenous Communities will also be carried out. These additional activities are described in Section 9.1. The results of the engagement program conducted by Stelco during preparation of the EA will be presented in the EA Report."</i></p> <p>A Minister's approval on the ToR should not be presupposed. Alternative text should read: <i>"Following the Minister of the Environment, Conservation and Parks' decision on the ToR"</i>.</p>	<p>Revise the sections in the ToR to not assume the Minister's approval of the ToR and/or EA.</p>
6	<p>Executive summary, page v</p> <p>And;</p> <p>Section 11, page 76</p>	<p>EA Schedule</p> <p>Where it reads: <i>"Following circulation of the draft ToR for comments, the proposed ToR is subject to a 30-day comment period that will be followed by the Minister's decision. With submission of the proposed ToR in 2022, the Minister's decision is anticipated in early to mid 2023. The EA studies will be carried out following ToR approval and then the draft and final EA will be submitted for the Minister's approval. Processes to</i></p>	<p>Revise these sections of the ToR</p>

		<p><i>obtain the other approvals required to implement the EA Study will proceed after EA approval”</i></p> <p>A Minister’s approval on the ToR should not be presupposed. The dates listed also appear outdated. The EA Schedule in the Executive Summary and Section 11 of the draft ToR should mention that a Minister’s decision would occur 12-weeks after the start of the 30-day review period.</p> <p>Please refer to the <i>Environmental Assessment Act</i>, Subsection 6(6) and the <i>ToR Code of Practice</i>, Section 8.1 when describing the Minister’s decision in the EA Schedule sections of the ToR.</p>	
7	<p>Section 8.1.5, pages 71-72</p> <p>And;</p> <p>Appendix G of Volume III</p>	<p>Consultation with Haudenosaunee Confederacy Chiefs Council (HCCC)</p> <p>Indigenous consultation seems to be incomplete as there appears to be a number of missing records, including any record of engagement (or attempted engagement with) HCCC.</p> <p>Please refer to the <i>ToR Code of Practice</i>, Section 5.3.1 regarding record of consultation requirements, and the detailed set of comments provided by MECP in the memo sent to Stelco on February 16th, 2023, and also the January 19, 2022 ministry letter that delegated the procedural aspects of Indigenous consultation to Stelco for this project.</p>	Update Indigenous Consultation sections to include a record of consultation with HCCC.
8	<p>Section 9, page 73,</p> <p>And;</p> <p>Section 5.2, page 4 of Volume III.</p>	<p>Issues Resolution Strategy</p> <p>Where it reads: <i>“During the EA there may be issues raised or disputes during preparation of the EA that may be difficult to resolve. Stelco will attempt to resolve all issues or disputes to reach a resolution that is amenable, recognizing that interests of multiple stakeholders and/or regulations may sometimes dictate a resolution that may not be desirable to all parties. In the event that a mutually agreeable resolution is not achieved, the matter will be referred to the MECP for guidance.”</i></p> <p>And;</p> <p><i>“Throughout the EA process, Stelco will solicit feedback and information from the local community, GRT and Indigenous communities about the proposed Quarry Landfill Expansion. Issues identified will be reviewed by Stelco and Golder and a reasonable effort will be made to respond to concerns raised throughout the planning process. Stelco and Golder will</i></p>	Update Issues Resolution Strategy.

		<p><i>attempt to resolve all issues or disputes to reach a resolution that is amenable, recognizing that interests of multiple stakeholders, rights holders and/or regulations may sometimes dictate a resolution that may not be desirable to all parties. When a mutually agreeable resolution cannot be achieved, the matter will be referred to the MECP for guidance.”</i></p> <p>It is unclear how issues will be resolved (i.e., what methods of engagement will be used, at what stage, etc.). Please provide more details on the Issues Resolution Strategy and how the MECP plays a role in issues resolution, as it is the ministry’s expectation that the proponent resolve issues prior to submission of the final ToR for a Minister’s decision.</p>	
9	Section 12.1, pages 77-78, table 12-1	<p>Table of Commitments</p> <p>Reminder that the list of commitments should include any commitments made to stakeholders, Indigenous communities, and the public during the preparation of the ToR.</p>	Review to ensure all commitments made during consultation are included in the final list of commitments.
10	<p>Section 2.4, page 7</p> <p>And;</p> <p>Section 5.2, pages 21-23</p> <p>And;</p> <p>Section 5.3, pages 24-28</p>	<p>Range of Alternatives and Preliminary Screening of ‘Alternatives to’ (Focused ToR)</p> <p>A “preliminary screening process” is referenced in the Executive Summary, page iii and Section 6.9, page 39. Section 2.4 mentions that Section 5 includes the pre-screening assessment of alternatives. Section 5.2 sets out a broad list of criteria developed for comparative evaluation of alternatives to (natural social, economic, cultural, built environment), and at a high level, some rationale is provided for why alternatives 3, 4, and 5 were screened out by Stelco in Section 5.3, pages 24-28.</p> <p>When appropriate, proponents may conduct an initial screening of alternatives before or at the ToR stage; however, as stated in the <i>ToR Codes of Practice</i>, screening criteria must include consideration of key environmental factors such as potential impacts to the natural environment, potential cultural and socio-economic impacts, and impacts to Aboriginal and Treaty rights. Consultation on scoping should be carried out, and detailed screening results should be included in supporting documentation (with results summarized in the ToR documents).</p> <p>The screenings described in Section 5.3 of the draft ToR do not provide enough detail or supporting information to determine whether key environmental factors were adequately considered. It is also unclear how</p>	<p>Additional detail is required and supporting documents should be included to support any screening or focusing of alternatives in the ToR.</p> <p>It should also be clearer in Section 5.3 and the Executive Summary that alternatives 3-5 will not be carried forward into the EA.</p>

		the results of consultation were considered in Stelco's decision making process.	
11	Section 7.4, page 48	<p>Time Frames</p> <p>Where it reads: "As noted previously, the Quarry Landfill is expected to reach capacity during 2023. While pursuing landfill expansion approvals, the LEWF will need to minimize waste production and send waste materials off-site for disposal at an alternate location for a period of time. Assuming that the necessary approvals and construction will take an additional three years and the desired 15 to 25 operating period the time frames are suggested as:</p> <ul style="list-style-type: none"> o operations (2026 to 2041 or 2051) o <i>post-closure (beyond 2041 or 2051)</i> <p><i>Landfilling operation activities will occur throughout the expanded life of the Quarry Landfill (i.e., about 15 to 25 more years from 2026 to 2041 or 2051). Leachate collection and treatment, and site performance monitoring and maintenance activities, will also be ongoing throughout this time frame. During the post-closure period (i.e., beyond 2041 or 2051), the only activities"</i></p> <p>More detail should be provided on what Stelco plans to do to manage waste from when the current landfill reaches capacity in 2023 to the anticipated start of operations in 2026. How will Stelco manage this situation for 3 years? How will Stelco manage and mitigate effects in the meantime before an EA is approved? Will interim approvals be sought? If pursued, how would any requests for interim capacity increases through an ECA amendment impact the final waste volumes being requested in the final EA? These questions should be addressed in the draft ToR to increase clarity and transparency.</p>	Provide more details on interim measures to manage waste after capacity is reached in 2023.

Proposal: Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke Draft Terms of Reference (ToR)

Proponent: Stelco

Commenter Name and Job Title: Abigail Amponsah, Air Quality Analyst

Note: A number of comments refer to a new Nanticoke Community Development that was proposed in 2022 by Empire Communities. A map of the proposed plan has been provided for reference.

Comment #	Reference to draft ToR	Comments	Response
1	Acronyms	Ensure all acronyms in document are defined here. (e.g. include LEWF, HWF)	
2	Glossary of Terms - ECA	May be useful to reiterate here that it was previously referred to as a CofA.	
3	1.0 Introduction, pg. 1	What happens in the meantime before EA is approved? (This is partially answered in Section 7.4 but need more details).	
4	Section 3.1, pg. 10	Spelling error – HFW vs HWF	
5	Section 4.2, pg. 12	Sources of emissions are mentioned but it would be good to include existing types of emissions (e.g. dust/particulates)	
6	Section 4.9.1, pg. 18	Will the new Nanticoke Community Development proposed in 2022 be considered? (See Map)	
7	Section 5.3.4, pg. 26	EFW was given as an example of alternatives considered. What other alternatives were considered?	
8	Table 5-3, pg. 29, Effects on Air Quality	Increased traffic from hauling waste from HWF should be considered as well as any construction impacts. Both these activities would have the potential to increase dust levels.	
9	Table 5-3, pg. 29, Effects on Noise	Construction impacts should be considered	
10	Table 5-3, pg. 33, Effects on Sensitive Receptors	Increased traffic from hauling waste from HWF should be considered as well as any construction impacts	
11	Table 5-5, pg. 37	Include traffic from HFW waste hauling and potential construction impacts in disadvantages.	

Comment #	Reference to draft ToR	Comments	Response
12	Table 7-1, pg. 42, Atmosphere	Given the large size of the property, the location of sensitive receptors, and the potential for cumulative impacts from nearby sources, it may be appropriate to include Wider Study Area in the list of areas to be studied.	
13	Figure 7-1	Consider adding a note that site vicinity boundary will be larger for some environmental components.	
14	Table 7-2, pg. 46, Air Quality and GHG, Indicator(s)	Expected cumulative impacts to community? (e.g. overall increase in particulate emissions from site and surrounding sources)	
15	Table 7-2, pg. 46, Noise, Rationale	Construction impacts?	
16	Table 7-2, pg. 47, Local Economy, Rationale	Will impact to new Nanticoke Community Development proposed in 2022 be considered?	
17	Section 7.4, pg. 48	Would like more details on this plan. What is the alternate location? The plan for the waste prior to the approval seems similar to Alternative 1. Looks like for the next three years the cons associated with Alternative 1 will still be a factor for the preferred alternative since this alternative will take a while to implement. Perhaps this should be considered in the alternatives evaluation. Or at the very least it should be acknowledged and noted that pros and cons are based on impacts after 2026.	
18	Table 7-3, Data Collection, pg. 52	Include data from NEC network	
19	Table 7-3, Prediction, pg. 52	Assess cumulative impact to community of expanded landfill based on increased contribution to overall site emissions and nearby sources. Include estimate of existing background concentrations. Include traffic impacts in evaluation of GHG and dust emissions.	
20	Table 7-3, Data Sources, pg. 52	Include data from NEC network	
21	Table 7-3, Data Collection, pg. 62	Again, will new proposed Nanticoke Community Development and rezoning be considered? Will a contingency plan, or plan to update EA be included in the event it is approved?	



Nanticoke Land Use Breakdown

Haldimand, ON

- County Border
- Subject Lands
- Employment/Non-Residential Area
- Wind Mill
- Waterfront Lands
- Non-Employment Area

Buffer Zones (Provided by SLR- Oct 13, 2021)

- Buffer Zones

Date: November 10, 2021



Source: Esri World Imagery, County of Haldimand Open Data(Online Information - Accessed April 5, 2021), County of Norfolk Open Data (Online Information - Accessed April 5, 2021), SLR - Residential Use Exclusion Areas Plan (Oct 13, 2021)

**Ministry of the Environment,
Conservation and Parks**

**Ministère de l'Environnement,
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et des Parcs**

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February 3, 2023

To: Stephen Deneault
Project Officer
Environmental Assessment Branch

From: Anthony Martella
Senior Noise Engineer
Environmental Permissions Branch

**Re: Noise Review Comments
Draft – Proposed Terms of Reference
Stelco Lake Erie Works, Nanticoke, ON
Noise File #E0002-22**

This office was asked to review the document titled “Draft – Proposed Terms of Reference Environmental Assessment of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke”, Volumes I and II, prepared by WSP dated January 6, 2023.

The following noise study items should be considered when preparing the Environmental Assessment for the above noted landfill expansion:

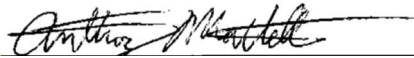
1. Noise Limits: shall comply with the MECP sound level limits in:
 - a. Noise Guidelines for Landfill Sites, October 1998;
 - b. Publication NPC-115, “Construction Equipment”;
 - c. Publication NPC-118, “Motorized Conveyances”; and
 - d. Publication NPC-300, “Environmental Noise Guideline, Stationary and Transportation Sources – Approval and Planning, Publication NPC-300”, August, 2013.

2. Noise Report: shall be prepared in accordance with:

- a. Publication NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound", October, 1995 as amended; and
 - b. "Basic Comprehensive Certificates of Approval (Air), User Guide, Appendix A - Supporting Information for an Acoustic Assessment Report or Vibration Assessment Report Required by a Basic Comprehensive CofA" prepared by the Environmental Assessment and Approvals Branch, Version 2.1, March, 2011.
3. Please ensure that noise impacts are assessed at all existing and future (vacant lot) points of reception surrounding the landfill site in all cardinal directions.
 4. Please include detailed discussions of any relevant noise considerations for the landfill expansion alternatives ("Alternative Methods") selection.
 5. Actual sound level measurements of equipment (or same model, etc.) that may be already available are preferred over the use of database values.
 6. Please ensure that "Cumulative Effects" of noise are assessed if there is other equipment on or adjacent to the site operated by the proponent or for transfer of materials.

I trust the above noise review would be of assistance to you.

If you have any questions, please contact Anthony Martella, P.Eng. at 437-881-5466.



Anthony Martella, P.Eng.
Senior Noise Engineer

**Ministry of the Environment,
Conservation and Parks**

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February 3, 2023

MEMORANDUM

TO: Stephen Deneault
Project Officer
Environmental Assessment Branch, MECP

FROM: Khalid Hussain
Senior Engineer, Industrial and Private Wastewater
Environmental Permissions Branch, MECP

RE: TORs for Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke

Industrial and Private Wastewater Unit is responsible to approve sewage works for the industrial facilities. Our comments on the Environmental Assessment are limited to the sewage treatment works.

With respect to the subject EA, the proponents hold an existing Industrial Sewage Works Approval (ECA No. 1547-CB2RL4 dated April 14, 2022). This ECA is for the Lake Erie Works Facility (LEWF) where leachate co-treatment from the subject site is undertaken, in addition to other industrial sewage.

TORs Background

Stelco is undertaking an Individual Environmental Assessment (EA) for the proposed expansion of the Quarry Landfill at the Lake Erie Works Facility (LEWF).

The existing Quarry Landfill is situated in a 5.5 hectare (ha), 34 metre (m) deep former limestone quarry at the west end of the LEWF. Existing LFS has a Waste Approval (A110119, dated 1984) for the disposal of 1,300,000 m³ of "Blast Furnace (BF) Slag, steel making slag and other non-hazardous solid wastes. Contributing sites are "the Stelco Inc. Lake Erie Works site and the Stelco Inc. Hamilton Works Site" (Hamilton Works Facility (HWF)).

The above ECA was amended in 2012, for a new engineered landfill cell of 545,000 m³ capacity, within the northern portion of the Quarry Landfill. Construction involved placement of clayey soil fill to form the cell base grades, and installation of a low permeability base liner and leachate collection system.

Landfilling resumed following construction of the new cell, consisting of various steel making secondary materials that have limited reuse potential. These comprise of BF sludge, Off-gas sludge, baghouse dust.

The current feasibility study TORs examines two areas for a potential lateral expansion of the Quarry Landfill. The first area (Expansion Area 1) has an approximately 5 Ha waste fill area and flanks the east boundary of the existing Quarry Landfill adjacent to the Quarry Pond. The second area (Expansion Area 2) has an approximately 8 Ha waste fill area and is located east of Townline Road, across from the existing Quarry Landfill. As such, this would be a new landfill area (being recommended as a preferred alternative) that is physically separate from the existing landfill.

The expansion proposal is additional waste for disposal of non-hazardous secondary steel making waste of approximately 1,185,000 m³ to 1,685,000 m³ of secondary materials. The projections estimate that the approved capacity of the existing Quarry Landfill will be reached during 2023. The total additional capacity includes approximately 435,000 m³ of legacy residual steel making secondary materials from the HWF.

Leachate generated from the Expansion Area 1 and 2 would be pumped from a sump at the low point (south end) of the cell floor via a riser pipe that extends up the interior slope of the perimeter berm. The leachate would be conveyed via forcemain to the Lake Erie Works wastewater treatment plant.

Comments:**Leachate treatment**

The leachate generated from the proposed expansion landfill site is proposed to be conveyed to the Lake Erie Works Facility (LEWF) for treatment. It is recommended that the environmental assessment should review and confirm that LEWF has adequate treatment process and the capacity to treat the additional leachate that will be sent to it. The proponents should assess the quality and quantity of leachate to be generated by the proposed landfill site/expansion, and complete a design review of the LEWF sewage treatment plant in order to ensure that the leachate is treated consistently and reliably, and that there are no negative impacts to the receiving environment.

Khalid Hussain

**Ministry of the Environment,
Conservation and Parks**

Conservation and Source
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February 2, 2023

MEMORANDUM

To: Stephen Deneault, Project Officer
Environmental Assessment Branch

From: Conor Gamelin, Program and Services Delivery Intern
Conservation and Source Protection Branch

Re: CSPB Comments – Stelco Quarry Expansion EA – Terms of Reference

In response to your request for review of the “Environmental Assessment of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke,” Conservation and Source Protection Branch (CSPB) has reviewed the proposed Terms of Reference (ToR) and offers the following comments.

Source Protection Requirements

The *Clean Water Act, 2006* (CWA) aims to protect existing and future sources of drinking water. To achieve this, several types of vulnerable areas are delineated around surface water intakes and wellheads for every municipal residential drinking water system that is located in a source protection area. These vulnerable areas are known as a Wellhead Protection Areas (WHPAs), and surface water Intake Protection Zones (IPZs). Other vulnerable areas that can be delineated under the CWA for municipal drinking water systems include Significant Groundwater Recharge Areas (SGRAs) and Highly Vulnerable Aquifers (HVAs). In addition, event-based modelling areas (EBAs) and Issues Contributing Areas (ICAs) may also occur, overlapping with one of the four above-named vulnerable areas.

The source protection information atlas is publicly available and can be used to locate delineated vulnerable areas in Ontario.

<https://www.lioapplications.lrc.gov.on.ca/SourceWaterProtection/index.html?viewer=SourceWaterProtection.SWPViewer&locale=en-CA>

Specifically, projects that result from environmental assessments may include activities that, if located in a vulnerable area, may be considered a threat to sources of drinking water (i.e. have the potential to adversely affect the quality or quantity of drinking water sources) and could be subject to policies in a source protection plan. Where an activity

poses a risk to drinking water, policies in the local source protection plan may impact how or where that activity is undertaken. Policies may prohibit certain activities, or they may require risk management measures for these activities. Municipal Official Plans, planning decisions, Municipal Class EA projects (where a project includes a drinking water risk) and prescribed instruments must conform with policies that address significant risks to drinking water and must have regard for policies that address moderate or low risks.

Where an activity related to the construction or expansion of a quarry landfill, such as stormwater and sanitary sewers, and storage of fuel, poses a threat (significant, moderate, or low) to drinking water, the proponent should document and discuss in the environmental report or terms of reference how the project addresses applicable policies in the local source protection plan. This section should then be used to inform, and be reflected in, other sections of the report, such as the identification of net positive/negative effects of alternatives, mitigation measures, evaluation of alternatives etc. Terms of reference may refer to contingency plans and other mitigation measures that protect human and environmental health. Terms of reference should also demonstrate how these measures protect sources of drinking water to address the intent of the CWA.

The terms of reference should also identify how sensitive hydrologic features including current or future sources of drinking water not explicitly addressed in source protection plans, will be protected during the construction and maintenance of the project. This may include private systems – individual or clusters, and designated facilities within the meaning of O. Reg. 170/03 under the Safe Drinking Water Act – i.e., camps, schools, health care facilities, seasonal users, etc.

For further information about applicable source protection plans and assistance in identifying all applicable policies and their requirements, proponents should contact the source protection program manager for the applicable source protection region.

<https://conservationontario.ca/conservation-authorities/source-water-protection/source-protection-plans-and-resources/>

Comments and Considerations Specific to the Project

The EA study area for the Stelco Quarry Landfill expansion is located **Long Point Source Protection Area (SPA)** and is, therefore, subject to the **Long Point Region Source Protection Plan (SPP)**. Stelco Inc. has identified the need to expand its limestone quarry landfill for non-hazardous solid steel-making secondary materials waste at the Lake Erie Works Site. The preferred solution is the expansion of the existing quarry landfill by an estimated 870,000 m³.

In the Proposed Terms of Reference for the Stelco quarry expansion, the proponent briefly discusses surface water in “Section 4.4: Surface water” and groundwater in “Section 4.3: Geology and Hydrogeology” but does not discuss drinking water source

protection. Further, the proponent **does not** identify that the study area is within the Long Point Source Protection Area nor that the Long Point Region Source Protection Plan and its policies may apply to the project. The Proposed Terms of Reference document **does not** provide a general summary of activities related to quarry expansion that may pose a threat to sources of drinking water, such as the storage or handling of fuel, stormwater management facilities, or otherwise. We recommend that the proponent plainly identify that the study area is within Long Point Source Protection Area, include a section discussing source protection, and identify whether any policies of the Long Point Region Source Protection Plan apply to this project.

The EA proponent should also determine if any other types of drinking water systems could be affected during the construction or operation of the project that is not explicitly addressed in source protection plans, such as private systems – individual or clusters, and designated facilities within the meaning of O. Reg. 170/03 under the *Safe Drinking Water Act* – i.e., camps, schools, health care facilities, seasonal users, etc. The proponent should also consult with the local source protection authority if they have not already done so.

Thank you for considering the Conservation and Source Protection Branch's comments on the draft Environmental Study Report for the Environmental Assessment of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke. If you have any questions or concerns, please do not hesitate to contact myself or Jennifer McKay, Manager, Conservation and Source Protection Branch.

Conor Gamelin
Program and Services Delivery Intern, Conservation and Source Protection Branch
sourceprotectionscreening@ontario.ca

Cc: Jennifer McKay, Manager, Source Protection Section, CSPB
Beth Forrest, Liaison Officer, CSPB

Comments Table

Proposal: Quarry Landfill Expansion – Draft Proposed Terms of Reference, Environmental Assessment (Jan 6, 2023)
Proponent: Stelco

Agency: Ministry of the Environment, Conservation and Parks

Commenter Name and Job Title: Katie Zwick, Program Manager, Climate Change Policy Branch

Comment #	Reference to Draft ToR	Comments & Rationale	Proposed Action/Solution
1.	Vol. I, Page 50 (s. 7.5.7)	Pleased to see reference to Ontario’s guide, Considering climate change in the environmental assessment process.	The referred-to guide sets out expectations for considering climate change in the preparation, execution and documentation of EA studies. Available at: https://www.ontario.ca/page/considering-climate-change-environmental-assessment-process and https://ero.ontario.ca/notice/012-5806
2.	Vol.1, Page 50	“Consideration will also be given to...ways that the project could reduce GHG emissions or remove GHG from the atmosphere”	To demonstrate that GHGs have been factored into project planning, describe mitigation measures considered in project design in the EA. (See s. 3 of Ontario guide.)
3.	Vol. 1, Page 50, s. 7.5.7	Includes proposal to assess performance in the case of a 250-year storm event for preferred alternative	Please include rationale for proposing using the 250-year storm event, including how the proposal takes climate change into account.
4.	Vol. 1, Page 50, s. 7.5.7	Indicates total GHG emissions will be compared to the Ontario GHG emissions totals.	In addition, to demonstrate that climate change has been factored into planning, it is helpful to compare the project’s emissions to those of other similar facilities and compare the project’s emissions with and without mitigation measures. (See section 3 of Ontario guide.)
5.	Vol. 1, Table 7-3 Work Plans	Unclear that mitigation measures in respect of GHG emissions will be identified and considered.	Clarify that the air quality and GHG review will include consideration of climate change mitigation measures.

Comment #	Reference to Draft ToR	Comments & Rationale	Proposed Action/Solution
6.	Vol. 1, Table 7-3 Work Plans	Unclear that references to data sources for work plans include consideration of climate change.	Describe appropriateness of data to be used for the various components / sub-components given expected climate change over the relevant period for waste storage. (See section 4 of Ontario guide.)
7.	Vol II, P. 5, s. 4.2.3	Estimated leachate generation rate includes references to 2010 work using a 1994 model, and notes that leachate generation rate could be significantly higher depending on circumstances.	Ensure leachate generation rate and other relevant estimates that affect project design are developed using assumptions that reflect forecast conditions related to climate change.
8.	Vol. II, P. 5, s. 5.2 (see also s. 6.0 statements on the same matters)	<ul style="list-style-type: none"> - Reference Lake Erie works managing treatment of the leachate - Reference to leachate containment system having service life of 100 years - Reference to “based on current understanding of site hydrogeological conditions” 	Describe plans to ensure treatment and containment over the long-term - until the waste would no longer pose a potential threat to the environment; considerations should include more detail on the capacity of Lake Erie works, completeness of understanding of site hydrogeological conditions (current and future), potential impacts associated with underperformance or failure, monitoring system, expectations / impacts regarding the proposed contingency measures, consideration of climate change with respect to these matters.

(signed electronically)

 Commenter Signature

January 28, 2022

 Date

Comments Table

Proposal: Quarry Landfill Expansion – Draft Proposed Terms of Reference, Environmental Assessment (Jan 6, 2023)

Proponent: Stelco

Agency: Ministry of the Environment, Conservation and Parks

Commenter Name and Job Title: Katie Zwick, Program Manager, Climate Change Policy Branch

Pam Lamba, Senior Advisor, Adaptation and Resilience Branch

Comment #	Reference to Draft ToR	Comments & Rationale	Proposed Action/Solution
1.	Vol. I, Page 50 (s. 7.5.7)	Pleased to see reference to Ontario's guide, Considering climate change in the environmental assessment process.	The referred-to guide sets out expectations for considering climate change in the preparation, execution and documentation of EA studies. Available at: https://www.ontario.ca/page/considering-climate-change-environmental-assessment-process and https://ero.ontario.ca/notice/012-5806
2.	Vol.1, Page 50	"Consideration will also be given to...ways that the project could reduce GHG emissions or remove GHG from the atmosphere"	To demonstrate that GHGs have been factored into project planning, describe mitigation measures considered in project design in the EA. (See s. 3 of Ontario guide.)
3.	Vol. 1, Page 50, s. 7.5.7	Includes proposal to assess performance in the case of a 250-year storm event for preferred alternative	Please include rationale for proposing using the 250-year storm event, including how the proposal takes climate change into account.
4.	Vol. 1, Page 50, s. 7.5.7	Indicates total GHG emissions will be compared to the Ontario GHG emissions totals.	In addition, to demonstrate that climate change has been factored into planning, it is helpful to compare the project's emissions to those of other similar facilities and compare the project's emissions with and without mitigation measures. (See section 3 of Ontario guide.)
5.	Vol. 1, Table 7-3 Work Plans	Unclear that mitigation measures in respect of GHG emissions will be identified and considered.	Clarify that the air quality and GHG review will include consideration of climate change mitigation measures.

Comment #	Reference to Draft ToR	Comments & Rationale	Proposed Action/Solution
6.	Vol. 1, Table 7-3 Work Plans	Unclear that references to data sources for work plans include consideration of climate change.	Describe appropriateness of data to be used for the various components / sub-components given expected climate change over the relevant period for waste storage. (See section 4 of Ontario guide.)
7.	Vol II, P. 5, s. 4.2.3	Estimated leachate generation rate includes references to 2010 work using a 1994 model, and notes that leachate generation rate could be significantly higher depending on circumstances.	Ensure leachate generation rate and other relevant estimates that affect project design are developed using assumptions that reflect forecast conditions related to climate change.
8.	Vol. II, P. 5, s. 5.2 (see also s. 6.0 statements on the same matters)	<ul style="list-style-type: none"> • Reference Lake Erie works managing treatment of the leachate • Reference to leachate containment system having service life of 100 years • Reference to “based on current understanding of site hydrogeological conditions” 	Describe plans to ensure treatment and containment over the long-term - until the waste would no longer pose a potential threat to the environment; considerations should include more detail on the capacity of Lake Erie works, completeness of understanding of site hydrogeological conditions (current and future), potential impacts associated with underperformance or failure, monitoring system, expectations / impacts regarding the proposed contingency measures, consideration of climate change with respect to these matters.
9.	Vol I, Pg 50: Section 7.5.7: Step 7 Consideration of Climate Change & Proposed Consultation Section 9.0	<ul style="list-style-type: none"> • There is mention of local/regional climate data. The proponent should identify the source of climate data and the climate projection that will be used. For data sources, consider using the regional/Ontario specific climate data and climate models including the Ontario Climate Data Portal (OCDP: www.ontarioccdp.ca) to support future climate change projections vs using historical data. 	Update the ToR

Comment #	Reference to Draft ToR	Comments & Rationale	Proposed Action/Solution
		<ul style="list-style-type: none"> • <i>Already mentioned in the draft ToR is "<u>Ontario's Guide for Consideration of Climate Change in EA, (2017)</u>". The guide provides direction on how you can consider climate change impacts as part of the EA process from both a mitigation and adaptation perspective.</i> • <i>Consider adding mention of nature-based solutions / green infrastructure solutions as part of any mitigation measures needed to address identified climate impacts (including for any of the alternative approaches).</i> • <i>You may want to elaborate on how the Project Team will be working with First Nations communities to identify climate impacts (through TEK, as appropriate and in collaboration with the Indigenous Communities i.e. workshops, survey, etc.). Note: Combining TEK with traditional western science may enhance any climate assessment when identifying climate impacts, which will be helpful in planning and decision making.</i> 	

 (signed electronically)
 Commenter Signature

 February 24, 2023
 Date

Ministry of the Environment,
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February 13, 2023

MEMORANDUM

To: Stephen Deneault
Project Officer
Environmental Assessment Branch

From: Michael Spencer
Surface Water Group Leader
Technical Support Section

**RE: Stelco Lake Erie Works Quarry Landfill Expansion
Individual Environmental Assessment Draft Terms of Reference
Community of Nanticoke, Centre Creek**

As requested, I have reviewed the following documents for surface water issues:

1. Volume I, Draft- Proposed Terms of Reference, Environmental Assessment of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke, WSP, January 6, 2023.
2. Volume II, Draft- Proposed Terms of Reference, Environmental Assessment of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke, WSP, January 6, 2023.

Background

Stelco Inc. is undertaking an Individual Environmental Assessment for the proposed expansion of the Quarry Landfill at the Lake Erie Works Facility located in the Community of Nanticoke in Haldimand County. The existing Quarry Landfill is located in a former limestone quarry. Environmental Compliance Approval (ECA) No. A110119 was issued for the Quarry Landfill for the disposal of 1,300,000 m³ of blast furnace slag, steel making slag and other similar non-hazardous solid wastes.

ECA No. A110119 was amended in 2012 for a new engineered landfill cell with a capacity of 545,000 m³. However, the amended ECA was not an expansion since the original approved waste capacity of 1,300,000 m³ was maintained for the Quarry Landfill. The additional landfill cell was constructed with a liner and leachate collection system that conveys leachate to the facility's wastewater treatment plant.

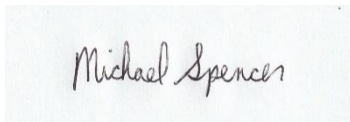
Centre Creek is west and adjacent to the Quarry Landfill. Centre Creek flows in a southern direction to Lake Erie and intermittent flow is observed in the area of the landfill. The ECA requires an annual monitoring program for groundwater and surface water. Centre Creek water quality is monitored monthly as part of the environmental monitoring program. Runoff from the final cover will be directed by ditches to Centre Creek.

The existing approved capacity may be reached during 2023. As such, an expansion corresponding to 1,185,000 to 1,685,000 m³ of additional solid non-hazardous steel making secondary materials generated at the Lake Erie Works Facility and historical materials from the Hamilton Works Facility has been proposed to gain 15 to 25 years of disposal capacity. The draft Terms of Reference was submitted to provide a framework to prepare the Environmental Assessment.

Comments

Based on my review of the submitted Volume I and Volume II Draft Proposed Terms of Reference (WSP, Jan. 6, 2023), I have the following surface water comment:

1. In Section 10.2 Ontario Water Resources Act contained in Volume I, the report identified that an Environmental Compliance Approval is expected for stormwater management works associated with the landfill expansion. It should also be identified in this section that there is a possibility that current Environmental Compliance Approval No. 1547-CB2RL4 for the Stelco wastewater treatment facility, that currently treats leachate from the existing Quarry Landfill, may have to be amended. That being said, Table 12-1 List of ToR Commitments in Section 12.1 Commitments did identify that the capability of the Stelco wastewater treatment facility to treat leachate from the landfill expansion will be evaluated in the Environmental Assessment study report.



Michael Spencer
Surface Water Group Leader
Technical Support Section

cc: S. Day, H. Awad, TSS
J. Del Villar Cuicas, EAPB
C. Anderson, HDO

ECHO No. 1-147817462
File E-16-CE-31

Limitations: The purpose of the preceding review is to provide advice to the Ministry of the Environment, Conservation and Parks regarding surface water impacts based on a review of the information provided in the above referenced documents. The conclusions, opinions and recommendations of the reviewer are based on information provided by others, except where otherwise noted. The Ministry cannot guarantee that the information that is provided by others is accurate or complete. A lack of specific comment by the reviewer is not to be construed as endorsing the content or views expressed in the reviewed material.

Comments

Proposal: Quarry Landfill Expansion – Draft Proposed Terms of Reference, Environmental Assessment (Jan 6, 2023)

Proponent: Stelco

Agency: Ministry of the Environment, Conservation and Parks

Commenter Name and Job Title: Husein Awad, M.Sc., P.Geo., Hydrogeologist, West Central Region

Hi Stephen,

As per your request, I reviewed the following documents:

- Draft - Proposed Terms of Reference Environmental Assessment of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Naticok, Volume I, prepared by WSP and dated January 6, 2023
- Feasibility of Quarry Landfill Expansion Lake Erie Works Site, prepared by Golder and dated December 8, 2020.

Stelco Inc. submitted the above documents to support their proposal for expansion of the Quarry Landfill at the Lake Erie Works Facility. In a feasibility study of the proposed expansion, two areas were proposed. Expansion Area 1 is located south of the existing landfill and adjacent to the Quarry Pond. Expansion Area 2 is located east of the existing landfill. The conceptual design of the proposed expansion involves construction of a composite liner and leachate collection system.

My review focused on sections pertaining to groundwater. Based on my review, I provide the following comments and recommendations:

1. The geology and hydrogeology work plan to assess the environmental impact of the proposed alternative is generally acceptable. However, more details would be required prior to undertaking investigations.
2. Following are recommendations that may be considered in undertaking of the proposed geology and hydrogeology work plan:
 - the site conceptual model should include hydrogeologic cross-section.
 - discussion on the potential failure of the proposed engineered liner system and potential groundwater mitigation measures in case that occurred.

- developing a predictive groundwater model to simulate flow patterns and leachate fate and transport.

Please let me know if you require further comments or clarification.

Regards,

Husein Awad, M.Sc., P.Geo.

Review of: Proposed Terms of Reference
Environmental Assessment of the Proposed Quarry Landfill Expansion
Stelco Lake Erie Works, Nanticoke

Summary

The record appears to be incomplete and should be updated to include all emails, calls, etc. between the proponent and the Indigenous communities as identified. The communities identified by the ministry should be engaged and be given the opportunity to comment on the project to identify rights that may be impacted by the project. There appears to be missing entries for Six Nations of the Grand River (only one listed under Example Emails Sent- D4) and no comments, entries, or rationale for not including HCCC.

For ease of review in the future, all records of Indigenous consultation should fall under one appendix/heading even if repeated elsewhere.

Background

On January 19, 2022 the Ministry of the Environment, Conservation and Parks (MECP) sent a letter via email to Mississaugas of the Credit First Nation and Six Nations of the Grand River both elected and traditional (HCCC) councils informing them of the proposed Stelco Quarry Landfill Expansion in Nanticoke. In the letter, MECP noted Stelco would take the lead on consultation and encouraged HCCC to provide Stelco with any comments about the project and the EAA process.

On June 2021, Stelco had issued a Notice of Commencement indicating it had initiated an Individual EA for the project. The first step was to develop a Terms of Reference (ToR). The ToR would outline how the proponent would complete the EA, including the consultation it would undertake. The ToR notes that “Consultation with the public, Indigenous Communities, GRT members, LEWF Community Liaison Committee (CLC), and other stakeholders will be ongoing throughout the EA process”

The existing Quarry Landfill is situated in a 5.5ha metre deep former limestone quarry. An ECA was issued in 1984 for the Quarry Landfill for the disposal of Blast Furnace Slag, steel making slag and other non-hazardous solid wastes. In 2012 the ECA was amended for a new engineered landfill cell. The proposed expansion will allow for the disposal of new waste over a 15-25year period.

The project looked at several alternatives and assessed each one based on needs and a number of factors.

- Alternative 1 – Landfill Site Closure and Export of Waste for Disposal
- Alternative 2 – Landfill Site Expansion
- Alternative 3 – Establish New Landfill Site at a Different Stelco Property or a New Property
- Alternative 4 – Alternative Waste Management Technologies
- Alternative 5 – Enhanced Waste Diversion
- Alternative 6 – Do-Nothing (In EAs, the Do-Nothing alternative is considered in the evaluation of ‘Alternatives To’ as a benchmark against which the potential environmental

Review of: Proposed Terms of Reference
Environmental Assessment of the Proposed Quarry Landfill Expansion
Stelco Lake Erie Works, Nanticoke
(impacts and the advantages and disadvantages of the alternatives being considered can be measured and compared.)

Ultimately the preferred alternative was the expansion of the current site as it would allow Stelco to retain control of secondary materials management from their operation. Furthermore it can be designed and operated in compliance with provincial regulations.

Archaeology 4.8.1

It was noted in the ToR that previous archaeological assessments had been carried out by non-Stelco parties near the projects vicinity as part of other projects within the area. A stage 1 was carried out in Oct. 2008 for Bruce Power for a large parcel of land as part of a preliminary evaluation of site feasibility for the Nanticoke New Build Site. The assessment determined that all of the lands had archaeological potential and a stage 2 was recommended. In 2009 a stage 2 was carried out on the new Build Site, though Bruce Power cancelled their new build and cancelled further assessment of the site. As a result of the stage 2, it identified 219 locations, including 206 pre-contact Aboriginal sites as well as a number of others. Eight of these locations were recommended for a Stage 3 assessment should be carried if further developed. These eight locations are located within approximately 500m west, northwest or southwest of Quarry Landfill and Quarry Pond Limits. All of these locations are adjacent to Centre Creek which flows adjacent to the site.

An additional Stage 1 was carried out in 2022 by a third party for Haldimand County south of the Quarry Landfill and Quarry Pond for the proposed Lake Erie Industrial Park Wastewater Treatment System. The assessment determined the lands had a mixture of archaeological potential, no potential and previously assessed lands of further concern.

Review of: Proposed Terms of Reference
Environmental Assessment of the Proposed Quarry Landfill Expansion
Stelco Lake Erie Works, Nanticoke

Location



The project is located along the northern shore of Lake Erie east of Port Dover in Nanticoke. It's located in an industrial area surrounded by mostly what appears to agricultural/farmlands. It's located within treaty 3, 1792 w/Mississaugas, within the traditional territory of the Mississaugas of the Credit and within the 1701 Nanfan treaty/Albany Deed. Based on the location, treaty area, geography and proximity, both the Mississaugas of the Credit and Six Nations of the Grand River may have an interest in the project and it was recommended the proponent engage with those communities. In the case of the Six Nations, that would include both the elected and traditional (HCCC) councils.

It was noted in the ToR that due to location of the site within the Lake Erie Industrial Park it is not easily seen from any public vantage point. The nearest public roads are approx. 2km to the south, or approx. 3km to the north.

The proposed expansion to the site would be on land that is currently designated for waste disposal.

Review of: Proposed Terms of Reference
Environmental Assessment of the Proposed Quarry Landfill Expansion
Stelco Lake Erie Works, Nanticoke

Consultation Review

- A Notice of Commencement was published in the Haldimand Press and Simcoe Reformer newspaper on July 1&2, 2021. It was also posted on the project website on June 30, 2021.
- Introduction letter and the NoC were emailed/mailed between June 30- Aug 2021 to 3 Indigenous communities (*suspect 2+ HCCC*). Mississaugas of the Credit (MCFN) confirmed receipt of the NoC and requested a meeting.
- Due to the pandemic the Public Open House was changed to a Virtual Consultation event and occurred between Nov 15 & 28, 2021. It was advertised in the above noted papers on Nov. 11&12, 2021 and were sent to the 3 identified Indigenous communities between Nov 11 and Nov 15, 2021. MCFN responded to the Virtual Event requesting a meeting.
- Technical Bulletin #1 circulated June 10 & 24, 2022 and posted to site. Advertised in noted papers on May 26&27, 2022 and sent by email to the noted communities.

As of the time of preparing the ToR (Jan 6, 2023) both the MCFN and Six Nations (Elected) have requested additional information and or/meetings and expressed interest in being involved in the EA. The report also noted that Stelco staff were available to meet with interested Indigenous communities and discuss the proposed project at any time during the development of the ToR.

Mississaugas of the Credit FN- (pg 72- 8.1.5.1 Draft Proposed ToR Jan 6, 2023)

- Dec 2, 2021 meeting with MCFN. Noted areas of interest include protection of groundwater and surface water, planned archaeology and/or biological studies. As a result of this meeting 3 actions were identified.
 - Stelco to procure a Field Liaison Representative
 - EA team contacted MCFN in Oct. 2022 to let them know a FLR should be arranged in early 2023
 - MCFN to provide contact info for new coordinator
 - MCFN and Stelco to coordinate background info sessions.

Six Nations (pg 72- 8.1.5.1 Draft Proposed ToR Jan 6, 2023)

- Aug 9, 2022- Stelco met with Six Nations to discuss expansion. Areas of interest include archaeology, aquatics, ground and surface water. As a result of this meeting, 4 actions were identified.
 - Golder to provide financial comparison of incineration vs. expansion
 - Six Nations contact should be circulated materials/filed survey schedules

Review of: Proposed Terms of Reference
Environmental Assessment of the Proposed Quarry Landfill Expansion
Stelco Lake Erie Works, Nanticoke

- Stelco to discuss subsidizing Six Nations staffing costs for this project
- Stelco to provide Six
- Nations publicly available documents they have on the project proposal.

Stelco Waste EA Volume 3 ToR Consultation Plan

D4- Example Emails Sent- pg 118 of 247

In the review of the materials/report submitted I noted that the Indigenous consultation materials seem to be interwoven within the entire documents under various headings making it challenging to follow at times rather than being located under one separate heading. For example:

- pg 120 of 247 under Example emails sent there is a Nov. 15, 2021 email to Jocko@sixnationsns.com that Stelco has initiated an EA and to please advise Stelco if they would like a meeting.

D5- Comments received and Responses to Indigenous Communities. (pg 124 of 247- Stelco Waste EA Vol.3 ToR Consultation Plan Jan 2023)

- June 29, 2021- email to MCFN Stelco beginning EA asking for contact to send material to and a brief background of project
- June 29, 2021- email from MCFN to Stelco indicating contact and to set up a meeting to discuss project and if any archaeological or environmental investigations are required
- July 2, 2021- email reply from Stelco indicating they would be pleased to meet and that both the environmental and archaeological reviews would be required
- Nov 15, 2021- Follow up email from Stelco indicating to MCFN they had not heard back about the July 2 email.
- Nov 15, 2021- Email from MCFN to Stelco that they should definitely meet asking if studies will be completed this year and that the July email stated there would be no work this year, or was that a mistake?
- Nov 16, 2021- reply email from Stelco to MCFN- will reach out with a few dates. Indicated only hydrological study would be the only work this year
- Nov 22, 2021- email from MCFN to Stelco. Indicating they had responded to another Stelco employee as well.

E4- Example Emails Sent (pg 167 of 247- Stelco Waste EA Vol.3 ToR Consultation Plan Jan 2023)

As previously noted, all Indigenous consultation records should fall under one heading rather than being mixed throughout the document as pieces appear to be missing. As an example, the following entries appear to be in relation to the Technical Bulletin #1;

- May 27, 2022 email from Stelco to MCFN indicating they are circulating Technical Bulletin #1 regarding the ToR and if they would like a meeting to discuss.

Review of: Proposed Terms of Reference
Environmental Assessment of the Proposed Quarry Landfill Expansion
Stelco Lake Erie Works, Nanticoke

- May 31, 2022- email from Stelco to MCFN- automatic reply that consultation should be directed to Abby Laforme
- June 13, 2022 email from Stelco to MCFN- that project website has been updated with the technical bulletin #1 and if they would like a meeting to please let them know

The 'Example Emails Sent' is followed up by E5- Comments Received from Indigenous Communities (pg 147 of 247 IBID)

- May 27, 2022 – email from Stelco to MCFN- (same email as under E4- Example Emails Sent)
- May 31, 2022- email from Stelco to MCFN – automatic reply from MCFN indicating it should be directed to Abby Laforme.
- June 13, 2022 email from Stelco to MCFN- that project website has been updated with the technical bulletin #1 and if they would like a meeting to please let them know
- June 13, 2022- email from MCFN to Stelco indicating that as of this date **MCFN has no comment or concerns for the proposed project**

Following the E4 Examples Emails Sent is appendix G labeled as Indigenous Consultation and lists both MCFN (as G1) and Six Nations of the Grand (as G2). Under these headings appears to be a meeting summary held on Dec 2, 2021 (MCFN) and Aug 9, 2022 (Six Nations) between Stelco and the Indigenous Communities. Actions of these meetings were previously noted as above on pg4. There is no heading for HCCC, traditional council of Six Nations.

Conclusion

Having read through the provided documents it would appear as though the consultation record is incomplete. It was noted that the project location fell within Treaty 3, within the traditional territory of the Mississaugas of the Credit and within the 1701 NanFan Treaty/Albany deed. Based on this information, 2 communities should be consulted on the project, Mississaugas of the Credit First Nations and Six Nations of the Grand River both Elected Council and Traditional Council (HCCC through HDI). While there appears to be a number of email exchanges and entries between MFCN and the proponent, there appears to be only one (1) entry (with the exception of the Aug 9, 2022 meeting) between the proponent and the Six Nations under the heading D4- Example Emails Sent (Nov. 15, 2021) which was not recorded elsewhere in the summary. All emails, calls, records should be included in the consultation summary as there appears to be a number of these missing. Additionally, both the elected and traditional (HCCC) were identified as potentially having an interest in the project, yet there are no entries or attempts to reach out to HCCC on the project as directed by the Ministry. There appears to be no reason nor rationale as to why HCCC was not engaged on the process.

The Draft ToR on pg 11 lists a number of Appendices (A-G) with Indigenous Consultation listed as Appendix G. This appendix only contains the meeting minutes for the 2 meetings held, one with MCFN on Dec. 2, 2021 and the other on Aug 9, 2022 with Six Nations. One might expect upon opening this appendix for it to contain **ALL** records of Indigenous consultation (meeting

Review of: Proposed Terms of Reference
Environmental Assessment of the Proposed Quarry Landfill Expansion
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notes, emails, phone calls, etc.) however as previously noted, these records are interspersed throughout the ToR under D4- E5. While it was noted that the appendices were broken down by event, or bulletin and that Indigenous community engagement was listed under these headings, these should all be located under the same heading/appendix and include ALL communities identified as having an interest or potential rights impacted by the project.

Summary

The record appears to be incomplete and should be updated to include all emails, calls, etc. between the proponent and the Indigenous communities as identified. The communities identified by the ministry should be engaged and be given the opportunity to comment on the project to identify rights that may be impacted by the project. There appears to be missing entries for Six Nations of the Grand River (only one listed under Example Emails Sent- D4) and no comments, entries, or rationale for not including HCCC.

For ease of review in the future, all records of Indigenous consultation should fall under one appendix/heading even if repeated elsewhere.

Prepared by J.Averill
a/Senior Advisor
Environmental Assessment Branch

Comments

Proposal: Quarry Landfill Expansion – Draft Proposed Terms of Reference, Environmental Assessment (Jan 6, 2023)

Proponent: Stelco

Agency: Ministry of the Environment, Conservation and Parks

Commenter Name and Job Title: Tarryn Adam, A/Management Biologist, SAR Branch

Hi Stephen,

Species at Risk Branch (SARB) has reviewed the draft terms of reference for the Stelco Landfill Expansion EA and has the following comments:

- Due to the presence of SAR and SAR habitat within the vicinity of the project footprint, MECP recommends that a preliminary screening be completed as per the attached guide for both terrestrial and aquatic SAR and SAR habitat. Once submitted, the ministry can provide advice and guidance regarding potential species at risk or habitat concerns, measures that the proponent is considering to avoid adverse effects and whether additional field surveys are advisable.
- It should be noted in Section 10- Other Regulatory Approvals that a permit may be required under the Endangered Species Act, 2007.

Thank you,

Tarryn Adams

A/Management Biologist, Permissions Section

Species at Risk Branch

Ministry of the Environment, Conservation and Parks (MECP)

Client's Guide to Preliminary Screening for Species at Risk

***Ministry of the Environment, Conservation and Parks
Species at Risk Branch, Permissions and Compliance***

DRAFT - May 2019

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1.0 Purpose, Scope, Background and Context

1.1 Purpose of this Guide

This guide has been created to:

- help clients better understand their obligation to gather information and complete a preliminary screening for species at risk before contacting the ministry,
- outline guidance and advice clients can expect to receive from the ministry at the preliminary screening stage,
- help clients understand how they can gather information about species at risk by accessing publicly available information housed by the Government of Ontario, and
- provide a list of other potential sources of species at risk information that exist outside the Government of Ontario.

It remains the client's responsibility to:

- carry out a preliminary screening for their projects,
- obtain best available information from all applicable information sources,
- conduct any necessary field studies or inventories to identify and confirm the presence or absence of species at risk or their habitat,
- consider any potential impacts to species at risk that a proposed activity might cause, and
- comply with the *Endangered Species Act (ESA)*.

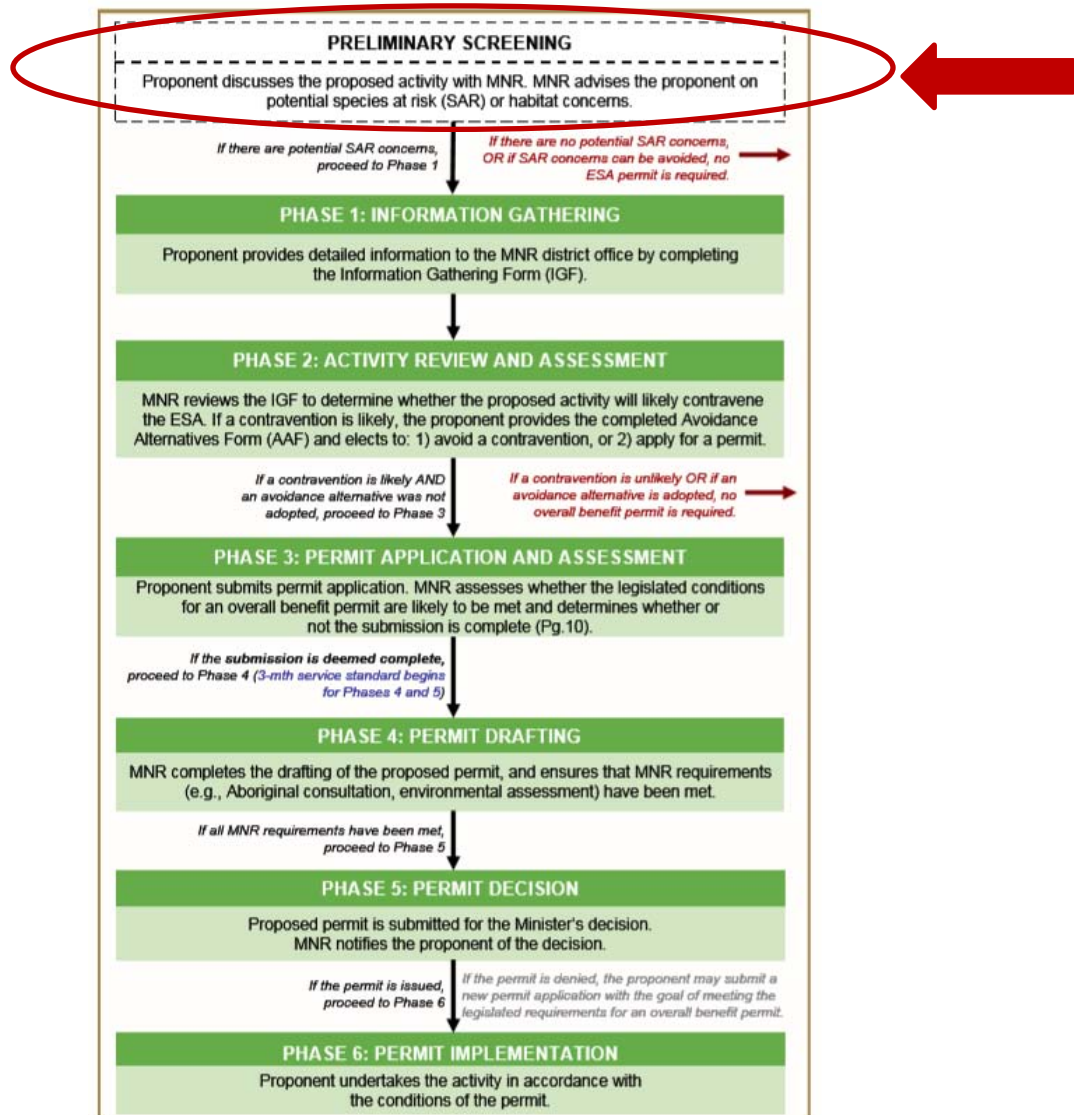
To provide the most efficient service, clients should initiate species at risk screenings and seek information from all applicable information sources identified in this guide, at a minimum, prior to contacting Government of Ontario ministry offices for further information or advice.

1.2 Scope

This guide is a resource for clients seeking to understand if their activity is likely to impact species at risk or if they are likely to trigger the need for an authorization under the ESA. It is not intended to circumvent any detailed site surveys that may be necessary to document species at risk or their habitat nor to circumvent the need to assess the impacts of a proposed activity on species at risk or their habitat. This guide is not an exhaustive list of available information sources for any given area as the availability of information on species at risk and their habitat varies across the province. This guide is intended to support projects and activities carried out on Crown and private land, by private landowners, businesses, other provincial ministries and agencies, or municipal government.

1.3 Background and Context

To receive advice on their proposed activity, clients must first determine whether any species at risk or their habitat exist or are likely to exist at or near their proposed activity, and whether their proposed activity is likely to contravene the ESA. Once this step is complete, clients may contact the ministry at SAROntario@ontario.ca to discuss the main purpose, general methods, timing and location of their proposed activity as well as information obtained about species at risk and their habitat at, or near, the site. At this stage, the ministry can provide advice and guidance to the client about potential species at risk or habitat concerns, measures that the client is considering to avoid adverse effects on species at risk or their habitat and whether additional field surveys are advisable. This is referred to as the “Preliminary Screening” stage. For more information on additional phases in the diagram below, please refer to the *Endangered Species Act Submission Standards for Activity Review and 17(2)(c) Overall Benefit Permits* policy available online at <https://www.ontario.ca/page/species-risk-overall-benefit-permits>. Please note: any reference to MNR in the diagram is replaced by MECP.



2.0 Roles and Responsibilities

To provide the most efficient service, clients should initiate species at risk screenings and seek information from all applicable information sources identified in this guide prior to contacting Government of Ontario ministry offices for further information or advice.

Step 1: Client seeks information regarding species at risk or their habitat that exist, or are likely to exist, at or near their proposed activity by referring to all applicable information sources identified in this guide.

Step 2: Client reviews and consider guidance on whether their proposed activity is likely to contravene the ESA (see section 3.4 of this guide for guidance on what to consider).

Step 3: Client gathers information identified in the checklist in section 4 of this guide.

Step 4: Client contacts the ministry at SAROntario@ontario.ca to discuss their preliminary screening. Ministry staff will ask the client questions about the main purpose, general methods, timing and location of their proposed activity as well as information obtained about species at risk and their habitat at, or near, the site. Ministry staff will also ask the client for their interpretation of the impacts of their activity on species at risk or their habitat as well as measures the client has considered to avoid any adverse impacts.

Step 5: Ministry staff will provide advice on next steps.

Option A: Ministry staff may advise the client they can proceed with their activity without an authorization under the ESA where the ministry is confident that:

- no protected species at risk or habitats are likely to be present at or near the proposed location of the activity; or
- protected species at risk or habitats are known to be present but the activity is not likely to contravene the ESA; or
- through the adoption of avoidance measures, the modified activity is not likely to contravene the ESA.

Option B: Ministry staff may advise the client to proceed to Phase 1 of the overall benefit permitting process (i.e. Information Gathering in the previous diagram), where:

- there is uncertainty as to whether any protected species at risk or habitats are present at or near the proposed location of the activity; or
- the potential impacts of the proposed activity are uncertain; or
- ministry staff anticipate the proposed activity is likely to contravene the ESA.

3.0 Information Sources

Land Information Ontario (LIO) and the Natural Heritage Information Centre (NHIC) maintain and provide information about species at risk, as well as related information about fisheries, wildlife, crown lands, protected lands and more. This information is made available to organizations, private individuals, consultants, and developers through online sources and is often considered under various pieces of legislation or as part of regulatory approvals and planning processes.

The information available from LIO or NHIC and the sources listed in this guide should not be considered as a substitute for site visits and appropriate field surveys. Generally, this information can be regarded as a starting point from which to conduct further field surveys, if needed. While this data represents best available current information, it is important to note that a lack of information for a site does not mean that species at risk or their habitat are not present. There are many areas where the Government of Ontario does not currently have information, especially in more remote parts of the province. The absence of species at risk location data at or near your site does not necessarily mean no species at risk are present at that location. On-site assessments can better verify site conditions, identify and confirm presence of species at risk and/or their habitats.

Information on the location (i.e. observations and occurrences) of species at risk is considered sensitive and therefore publicly available only on a 1km square grid as opposed to as a detailed point on a map. This generalized information can help you understand which species at risk are in the general vicinity of your proposed activity and can help inform field level studies you may want to undertake to confirm the presence, or absence of species at risk at or near your site.

Should you require specific and detailed information pertaining to species at risk observations and occurrences at or near your site on a finer geographic scale; you will be required to demonstrate your need to access this information, to complete data sensitivity training and to obtain a Sensitive Data Use License from the NHIC. Information on how to obtain a license can be found online at <https://www.ontario.ca/page/get-natural-heritage-information>.

Many organizations (e.g. other Ontario ministries, municipalities, conservation authorities) have ongoing licensing to access this data so be sure to check if your organization has this access and consult this data as part of your preliminary screening if your organization already has a license.

3.1 Make a Map: Natural Heritage Areas

The Make a Natural Heritage Area Map (available online at <https://www.ontario.ca/page/make-natural-heritage-area-map>) provides public access to natural heritage information, including species at risk, without the user needing to have Geographic Information System (GIS) capability. It allows users to view and identify generalized species at risk information, mark areas of interest, and create and print a custom map directly from the web application. The tool also shows topographic information such as roads, rivers, contours and municipal boundaries.

Users are advised that sensitive information has been removed from the natural areas dataset and the occurrences of species at risk has been generalized to a 1-kilometre grid to mitigate the risks to the species (e.g. illegal harvest, habitat disturbance, poaching).

The web-based mapping tool displays natural heritage data, including:

- Generalized Species at risk occurrence data (based on a 1-km square grid),
- Natural Heritage Information Centre data.

Data cannot be downloaded directly from this web map; however, information included in this application is available digitally through Land Information Ontario (LIO) at <https://www.ontario.ca/page/land-information-ontario>.

3.2 Land Information Ontario (LIO)

Most natural heritage data is publicly available. This data is managed in a large provincial corporate database called the LIO Warehouse and can be accessed online through the LIO Metadata Management Tool at

<https://www.javacoeapp.lrc.gov.on.ca/geonetwork/srv/en/main.home>. This tool provides descriptive information about the characteristics, quality and context of the data. Publicly available geospatial data can be downloaded directly from this site.

While most data are publicly available, some data may be considered highly sensitive (i.e. nursery areas for fish, species at risk observations) and as such, access to some data maybe restricted.

3.3 Additional Species at Risk Information Sources

- The Breeding Bird Atlas can be accessed online at <http://www.birdsontario.org/atlas/index.jsp?lang=en>
- eBird can be accessed online at <https://ebird.org/home>
- iNaturalist can be accessed online at <https://www.inaturalist.org/>
- The Ontario Reptile and Amphibian Atlas can be accessed online at <https://ontarionature.org/programs/citizen-science/reptile-amphibian-atlas>
- Your local Conservation Authority. Information to help you find your local Conservation Authority can be accessed online at <https://conservationontario.ca/conservation-authorities/find-a-conservation-authority/>

Local naturalist groups or other similar community-based organizations

- Local Indigenous communities
- Local land trusts or other similar Environmental Non-Government Organizations
- Field level studies to identify if species at risk, or their habitat, are likely present or absent at or near the site.
- When an activity is proposed within one of the continuous caribou ranges, please be sure to consider the caribou Range Management Policy. This policy includes figures and maps of the continuous caribou range, can be found online at <https://www.ontario.ca/page/range-management-policy-support-woodland-caribou-conservation-and-recovery>

3.4 Information Sources to Support Impact Assessments

- Guidance to help you understand if your activity is likely to adversely impact species at risk or their habitat can be found online at <https://www.ontario.ca/page/policy-guidance-harm-and-harass-under-endangered-species-act> and <https://www.ontario.ca/page/categorizing-and-protecting-habitat-under-endangered-species-act>
- A list of species at risk in Ontario is available online at <https://www.ontario.ca/page/species-risk-ontario>. On this webpage, you can find out more about each species, including where it lives, what threatens it and any specific habitat protections that apply to it by clicking on the photo of the species.

4.0 Check-List

Please feel free to use the check list below to help you confirm you have explored all applicable information sources and to support your discussion with Ministry staff at the preliminary screening stage.

- ✓ Land Information Ontario (LIO)
- ✓ Natural Heritage Information Centre (NHIC)
- ✓ The Breeding Bird Atlas
- ✓ eBird
- ✓ iNaturalist
- ✓ Ontario Reptile and Amphibian Atlas
- ✓ List Conservation Authorities you contacted: _____

- ✓ List local naturalist groups you contacted: _____

- ✓ List local Indigenous communities you contacted: _____

- ✓ List any other local land trusts or Environmental Non-Government Organizations you contacted: _____

- ✓ List and field studies that were conducted to identify species at risk, or their habitat, likely to be present or absent at or near the site: _____

- ✓ List what you think the likely impacts of your activity are on species at risk and their habitat (e.g. damage or destruction of habitat, killing, harming or harassing species at risk): _____

Ministry of the Environment,
Conservation and Parks

Ministère de l'Environnement, de
la Protection de la nature et des Parcs

Resource Recovery Policy Branch

Direction des politiques de récupération des ressources

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Tel.: (437) 236-6479

Date: January 31, 2023

MEMORANDUM

TO: Stephen Deneault, Project Officer,
Environmental Assessment Branch, Environmental Assessment and
Permissions Divisions

FROM: Dale Gable
Manager – Technology Projects
Resource Recovery Policy Branch

RE: **Draft Terms of Reference - Environmental Assessment of the Proposed
Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke**

I have reviewed the draft document entitled “Draft – Proposed Terms of Reference – Environmental Assessment of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke” (Volumes I and II) prepared for Stelco by WSP. The draft report is dated January 6, 2023. The following comments are provided in response to your request to the Resource Recovery Policy Branch (RRPB) to provide comments as part of the Government Review Team for this draft report. In general, the focus of the review from RRPB will be from a waste diversion and resource recovery perspective.

The following is an overview of the key comments/assessment provided below:

1. RRPB does not have any comments related to waste diversion at this time. Stelco has indicated that as part of the overall operations, they have diverted a significant amount of waste. The purpose of the landfill is to address a disposal need for waste that can not be diverted.
2. Stelco will continue to look for opportunities to divert waste from final disposal to increase their diversion percentage.

Background

Stelco is undertaking an Environmental Assessment (EA) study for their long term waste management plans (25 years) for their Lake Erie Steel Works and Hamilton Works. Currently, the primary waste disposal option is the existing Quarry Landfill located at the Lake Erie Works

Site operating under Environmental Compliance Approval (ECA) No. A110119. The landfill is approving its currently approved capacity of 1.3 million cubic metres which was approved in 1984..

The ToR has identified six (6) alternatives for the long term waste management plan. These alternatives are:

- i. Existing landfill site closure and export waste for disposal;
- ii. Landfill site expansion;
- iii. Existing landfill site closure and establish a new landfill site at the Site;
- iv. Existing landfill site closure and alternative waste management technologies;
- v. Enhanced waste diversion; and
- vi. Do nothing

Based on the evaluation, Stelco identified options 1, 2 5 and 6 as options for analysis. Options 3 and 4 were screened out.

The approach proposed by Stelco and the areas of consideration in the analysis are appropriate for the Terms of Reference. As Stelco further calculates and refines the estimated waste volumetric needs for the understanding, it will provide Stelco an opportunity to further discuss any diversion changes or opportunities that may have been identified during the EA stage. The EA should include a discussion of these potential diversion opportunities.

If there are any questions regarding this assessment of the draft ToR, please reach out to me.

Dale Gable
Manager, Technology Projects
Resource Recovery Policy Branch

cc: Charles O'Hara, Director, RRPB

**Ministry of the Environment,
Conservation and Parks**

**Ministère de l'Environnement,
de la Protection de la nature
et des Parcs**

Environmental Assessment
Branch

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January 23, 2023

Stephen Deneault
Project Coordination Unit
Environmental Assessment Branch

**Re: Draft - Proposed Terms of Reference
Environmental Assessment of the Proposed Quarry Landfill Expansion, Stelco Lake Erie
Works, Nanticoke
Regional Environmental Planner Comments**

Dear Stephen,

As per your request, I have reviewed the following documents:

- VOLUME I Draft - Proposed Terms of Reference *,Environmental Assessment of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke, January 6, 2023*
- VOLUME II Draft - Proposed Terms of Reference *Environmental Assessment of the Proposed Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke, January 6, 2023*

Please note that these comments are restricted to a review of how well the document has assessed impacts on land use compatibility by comparing the scope of the draft Terms of reference (ToR) with the direction provided in MECP Guideline D-4, as that is the principal guiding document for addressing land use impacts that may be experienced by sensitive land uses located in proximity to landfills.

It is understood that the purpose of this Environmental Assessment is to allow the Proposed expansion of Stelco's Quarry Lanfil at the Lake Erie Works Facility for disposal non-hazardous secondary steel making waste for a 15 to 25 year planning period. Stelco is seeking to

accommodate disposal corresponding to the consumption of approximately 1,185,000 to 1,685,000 m³ of additional secondary materials (excluding final cover and to be confirmed during the EA Study).

- The proposal is an expansion of an existing landfill that has been in operation for decades. It is reasonable that the landfill expansion expected to have similar effects on sensitive existing off-site receptors as current landfill site.
- The draft ToR identified that the current site is designated in an area for Major Industrial and already designed for waste disposal. A number of data sources (i.e Provincial Policy Statement (2020), Haldimand County Official Plan, MECP D-1 Land Use and Compatibility and D-4 Land Use on or Near Landfills and Dump Guideline) will be reviewed in order to assess the impact of the proposed landfill expansion on existing or known future land use within the site study area.
- The draft ToR noted that the EA will address the requirements of The MECP guideline *D-4 Land Use On or Near Landfills and Dumps* to consider that 500 metres as an influence area within which an assessment of impacts for any existing or proposed sensitive land uses is required. The proponent should ensure that all applicable D-series guidelines are considered in the scope of the EA, be considered as an influence area requiring, including guidelines D-1, D-1-1, D-1-2 and D-1-3, as well as D-4, D-4-1, D-4-2, and D-4-3.

Should you have any questions or require clarification, please contact me at joan.delvillarcuicas@ontario.ca

Sincerely,



Joan Del Villar Cuicas

Regional Environmental Planner
Project Review Unit, Environmental Assessment Branch

cc Gavin Battarino, Supervisor (A), Project Review Unit, MECP

**Ministry of the Environment,
Conservation and Parks**

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de la Protection de la nature
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January 19, 2022

Petar Kolundzija
Environmental Manager
Stelco Inc.
2330 Haldimand Road#3
Nanticoke ON NOA 1L0
Sent by email to: Petar.Kolundzija@stelco.com

Dear Mr. Kolundzija:

Stelco has initiated an individual environmental assessment process under the *Environmental Assessment Act* (the Act) for the proposed Quarry Landfill Expansion (the project).

Under the Act, a proponent is required to consult with interested persons, including First Nation and Métis communities who may have an interest in the project. These are statutory requirements that must be satisfied.

Based on information that Stelco Inc. has provided to date on the nature and location of the project the ministry has concluded that the following communities may be interested in the project and must be consulted by Stelco Inc. under the Act:

- Mississaugas of the Credit First Nation
- Six Nations of the Grand River (both Elected Council and Haudenosaunee Confederacy Chiefs Council)

Please be aware that this list may be subject to change as new information becomes available or there are changes to the scope of the project.

You are advised to initiate contact through the leadership of the Mississaugas of the Credit First Nation, the Elected Council of Six Nations of the Grand River and the

Haudenosaunee Confederacy Chiefs Council. Please let the ministry know if you require their contact information.

The Duty to Consult

The Crown has a constitutional duty to consult Indigenous communities and, where appropriate, accommodate impacts to their rights, when the Crown contemplates conduct that may adversely impact established or credibly asserted Aboriginal or treaty rights. Although the Crown remains responsible for ensuring the adequacy of consultation with communities to whom the duty to consult is owed, the Crown may delegate the procedural aspects of consultation to a proponent.

In the ministry's view, it is currently premature to assess what impacts, if any, the project and related decisions under the EAA may have on constitutionally protected Aboriginal or treaty rights, since the project has not yet been clearly defined and technical studies associated with the environmental assessment have not yet been prepared.

As additional information becomes available about the project, the ministry will assess whether or not decisions under the EAA for this project have the potential to adversely impact constitutionally protected Aboriginal or treaty rights. Should the Crown determine that the duty to consult is triggered, the ministry would delegate the procedural aspects of consultation to Stelco Inc. in writing and outline Stelco Inc.'s specific responsibilities.

Documenting Consultation Efforts

Moving forward, Stelco is required to maintain an accurate and up to date record of any consultation with a community that is carried out for the project. The record must contain all related communications including letters, emails, and phone calls (outgoing & incoming), public notices, meeting documents (agendas, meeting minutes), documentation of any issues raised and how they have been addressed, evidence of follow up responses, and documentation of any follow up responses or comments received. This record will be an important component informing decisions under the Act for the project. Please let us know if any documents in the consultation record contain confidential information provided by or on behalf of Indigenous communities.

Guidance and principles for effective consultation during the environmental assessment process are outlined in the "Code of Practice for Consultation in Ontario's Environmental Assessment Process" which can be found at the following link: <https://www.ontario.ca/document/consultation-ontarios-environmental-assessment-process>.

Additional information on consultation with Indigenous communities is available online at the following link: <https://www.ontario.ca/page/environmental-assessments-consulting-indigenous-communities>.

Additional guidance on preparing your Terms of Reference and Environmental Assessment documents are available in the "Code of Practice for Preparing and

reviewing terms of reference for environmental assessments in Ontario” and “Code of Practice for Preparing and reviewing environmental assessments in Ontario” at <https://www.ontario.ca/page/preparing-and-reviewing-terms-reference-environmental-assessments-ontario> and <https://www.ontario.ca/document/preparing-and-reviewing-environmental-assessments-ontario-0>.

Should you or any members of your project team have any questions regarding the above, please contact Kendrick Doll, Special Project Officer, at 289-980-0466 or by e-mail at Kendrick.doll@ontario.ca.

Sincerely,

Kathleen O'Neill

Kathleen O'Neill
Director
Environmental Assessment Branch

c: Trish Edmond, Project Manager, Golder Associates Ltd.
Kendrick Doll, Special Project Officer, Environmental Assessment Branch

Government Review Team

Proposal: Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke Draft Terms of Reference (ToR)

Proponent: Stelco

Comment #	Reference to EA	Reviewer Comments & Rationale	Review Proposed Action/Solution	Proponent's Response
1*				
Ministry of the Environment, Conservation and Parks (MECP) Abigail Amponsah, Air Quality Analyst Technical Support Section, West Central Region				
1.	Acronyms	Ensure all acronyms in document are defined here. (e.g., include LEWF, HWF)		Acknowledged. A word macro was run to identify and capture all acronyms in the ToR and include them in the Acronyms listing.
2.	Glossary of Terms - ECA	May be useful to reiterate here that it was previously referred to as a CofA.		Acknowledged and Glossary of Terms updated in the ToR.
3.	1.0 Introduction, pg. 1	What happens in the meantime before EA is approved? (This is partially answered in Section 7.4 but need more details).		Acknowledged. Additional details were provided in Section 1.0 and 7.4 noting that Stelco cannot disclose exact disposal details off-site to protect sensitive competitive information but that a licensed disposal facility will be used for disposal while pursuing approvals.
4.	Section 3.1, pg. 10	Spelling error – HFW vs HWF		Sentence has been deleted from the ToR.
5.	Section 4.2, pg. 12	Sources of emissions are mentioned but it would be good to include existing types of emissions (e.g., dust/particulates).		Updated. The main type of compounds contributing to air emissions for this type of waste disposal has been added to Section 4.2.

Comment #	Reference to EA	Reviewer Comments & Rationale	Review Proposed Action/Solution	Proponent's Response
6.	Section 4.9.1, pg.18	Will the new Nanticoke Community Development proposed in 2022 be considered? (See Map)		Section 4.0 of the Terms of Reference is a description of the existing conditions environment; the Nanticoke Community Development is not approved and therefore not part of the existing conditions. At this time, it is only appropriate to consider the Nanticoke Community Development in the overall EA Cumulative Impact Assessment for this proposal, noting that it is a known but not approved possible project. Section 7.5.8 of the ToR has been updated to mention the Nanticoke Community Development.
7.	Section 5.3.4, pg. 26	EFW was given as an example of alternatives considered. What other alternatives were considered?		As noted in Section 5.3.4, Stelco evaluated the potential to use an alternative waste management technology such as an energy from waste facility, noting that the proposed waste for disposal has no caloric value. Language within Section 5.3.4 that used "such as" has been updated to "i.e." to be clear there is no other alternative waste management technology being considered. Section 5.3.4 has also been updated to include language more in alignment with the Code of Practice for Terms of Reference.
8.	Table 5-3, pg. 29, Effects on Air Quality	Increased traffic from hauling waste from HWF should be considered as well as any construction impacts. Both these activities would have the potential to increase dust levels.		Hauling waste from HWF has been removed from the proposal in the final ToR and no waste will be coming from the HWF facility to the LEWF. As such, the proposed change to the ToR was not needed.
9.	Table 5-3, pg. 29, Effects on Noise	Construction impacts should be considered.		Noise from construction of the landfill has been added to Table 5-3 in the ToR as a consideration.

Comment #	Reference to EA	Reviewer Comments & Rationale	Review Proposed Action/Solution	Proponent's Response
10.	Table 5-3, pg. 33, Effects on Sensitive Receptors	Increased traffic from hauling waste from HWF should be considered as well as any construction impacts.		Hauling waste from HWF has been removed from the proposal in the final ToR and no waste will be coming from the HWF facility to the LEWF. As such, the proposed change to the ToR was not needed.
11.	Table 5-5, pg. 37	Include traffic from HFW waste hauling and potential construction impacts in disadvantages.		Hauling waste from HWF has been removed from the proposal in the final ToR and no waste will be coming from the HWF facility to the LEWF. As such, the proposed change to the ToR was not needed.
12.	Table 7-1, pg. 42, Atmosphere	Given the large size of the property, the location of sensitive receptors, and the potential for cumulative impacts from nearby sources, it may be appropriate to include Wider Study Area in the list of areas to be studied.		This is an environmental assessment of the landfill expansion, not all operations at Stelco and the Site-vicinity study area for the atmosphere environmental component has already been set at 2.5 km from the landfill to ensure capture of the closest sensitive receptor. Note the Wider Study Area is defined as the area beyond each environmental component's Site-vicinity Study Area. If during impact assessment the requirements for air emissions and noise cannot be met within the Site-vicinity Study Area (unlikely given the size, location and type of landfill) the area will be expanded.
13.	Figure 7-1	Consider adding a note that site vicinity boundary will be larger for some environmental components.		Figure 7-1 shows the 500 m Site-vicinity Study Area and a note has been added that not all environmental components will be using a 500 m Site-vicinity Study Area.

Comment #	Reference to EA	Reviewer Comments & Rationale	Review Proposed Action/Solution	Proponent's Response
14.	Table 7-2, pg. 46, Air Quality and GHG, Indicator(s)	Expected cumulative impacts to community? (e.g., overall increase in particulate emissions from site and surrounding sources)		Table 7-2 outlines indicators specific to the project (the landfill expansion) and hence it isn't appropriate to discuss cumulative impacts here. In Table 7-3, the air quality indicator has been updated to clearly indicate the expected maximum landfill expansion and maximum landfill expansion plus existing background concentrations of air quality indicator parameters are to be estimated. This section was also updated to note these will be compared to Stelco site operations effects and applicable criteria.
15.	Table 7-2, pg. 46, Noise, Rationale	Construction impacts?		Landfill expansion is "construction" and already included in the rationale for including an assessment of noise.
16.	Table 7-2, pg. 47, Local Economy, Rationale	Will impact to new Nanticoke Community Development proposed in 2022 be considered?		No, the impact to the new Nanticoke Community Development proposed will not be considered in the EA scope of work that is the comparison of 'Alternative Methods' and prediction of potential effects for the preferred 'Alternative Method' because the Nanticoke Community Development is only a proposal at this time and is a long way (many years) from reaching any approved status, if it does ever. However, the Nanticoke Community Development proposal will be considered in the overall project cumulative impact assessment as has been added in Section 7.5.8 of the ToR.

Comment #	Reference to EA	Reviewer Comments & Rationale	Review Proposed Action/Solution	Proponent's Response
17.	Section 7.4, pg. 48	<p>Would like more details on this plan. What is the alternate location? The plan for the waste prior to the approval seems similar to Alternative 1. Looks like for the next three years the cons associated with Alternative 1 will still be a factor for the preferred alternative since this alternative will take a while to implement. Perhaps this should be considered in the alternatives evaluation. Or at the very least it should be acknowledged and noted that pros and cons are based on impacts after 2026.</p>		<p>Some additional details have been added to Section 7.4 noting that Stelco cannot disclose exact disposal details off-site to protect sensitive competitive information but that a licensed disposal facility will be used for disposal while pursuing approvals. Additionally, a limited vertical expansion to provide an additional year of capacity has also been contemplated and, as noted in Section 7.4 Stelco will attempt to limit waste generation during this time.</p> <p>The ' Alternatives To' considered in Section 5.0 are ones that could potentially address Stelco's long term (25 year) waste management requirements. Interim waste management requirements and arrangements in the short term while the long term planning and approvals are in progress are not significant when considering and comparing the long-term 'Alternative To's'. It is not proposed to modify or further explain the time frames described in Section 7.4 of the ToR, or consider the short term requirements in the comparative evaluation presented in Sections 5.4 and 5.5 of the ToR.</p>
18.	Table 7-3, Data Collection, pg. 52	Include data from NEC network		<p>Acknowledged and requested data source added to Table 7-3, noting that the data from the NEC network may not have the quality or depth required for use in the actual assessment.</p>

Comment #	Reference to EA	Reviewer Comments & Rationale	Review Proposed Action/Solution	Proponent's Response
19.	Table 7-3, Prediction, pg. 52	<p>Assess cumulative impact to community of expanded landfill based on increased contribution to overall site emissions and nearby sources. Include estimate of existing background concentrations.</p> <p>Include traffic impacts in evaluation of GHG and dust emissions.</p>		<p>Table 7-3 air quality and GHG prediction of potential effects for the preferred 'Alternative Method' has been updated to clearly indicate maximum landfill expansion and maximum landfill expansion plus background conditions effects will be predicted and that these will be compared to Stelco site operations effects and applicable criteria.</p> <p>Traffic impacts have not been added, since movement of waste from HWF to LEWF was removed from the proposal following draft ToR circulation.</p>
20.	Table 7-3, Data Sources, pg. 52	Include data from NEC network		Acknowledged and requested data source added to Table 7-3.
21.	Table 7-3, Data Collection, pg. 62	Again, will new proposed Nanticoke Community Development and rezoning be considered? Will a contingency plan, or plan to update EA be included in the event it is approved?		No, the impact to the new Nanticoke Community Development proposed will not be considered in the EA scope of work that is the comparison of 'Alternative Methods' and prediction of potential effects for the preferred 'Alternative Method' because the Nanticoke Community Development is only a proposal at this time and is a long way (many years) from reaching any approved status, if it does ever. However, the Nanticoke Community Development proposal will be considered in the overall project cumulative impact assessment as noted in Section 7.5.8 of the ToR.

*Map of Proposed Nanticoke Land Use Included

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
2				
Ministry of the Environment, Conservation and Parks (MECP) Anthony Martella, Senior Noise Engineer Environmental Permission Branch				
		The following noise study items should be considered when preparing the Environmental Assessment for the above noted landfill expansion:		
1.		Noise Limits: shall comply with the MECP sound level limits in: <ul style="list-style-type: none"> a. Noise Guidelines for Landfill Sites, October 1998; b. Publication NPC-115, "Construction Equipment"; c. Publication NPC-118, "Motorized Conveyances"; and d. Publication NPC-300, "Environmental Noise Guideline, Stationary and Transportation Sources – Approval and Planning, Publication NPC-300", August, 2013. 		Acknowledged. No changes to ToR proposed, Table 7-3 states that results will be compared to MECP noise guidelines.
2.		Noise Report: shall be prepared in accordance with: <ul style="list-style-type: none"> a. Publication NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound", October, 1995 as amended; and b. "Basic Comprehensive Certificates of Approval (Air), User Guide, Appendix A - Supporting Information for an Acoustic Assessment Report or Vibration Assessment Report Required by a Basic Comprehensive CofA" prepared by the Environmental Assessment and Approvals Branch, Version 2.1, March, 2011. 		Acknowledged. No changes to ToR proposed. Noise reporting will be documented within the body of the EA report.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
3.		Please ensure that noise impacts are assessed at all existing and future (vacant lot) points of reception surrounding the landfill site in all cardinal directions.		Acknowledged. No changes to ToR proposed.
4.		Please include detailed discussions of any relevant noise considerations for the landfill expansion alternatives ("Alternative Methods") selection.		Acknowledged. Noise will be discussed for the landfill expansion alternatives selection as indicated in Table 7-3 of the ToR. No changes to ToR proposed.
5.		Actual sound level measurements of equipment (or same model, etc.) that may be already available are preferred over the use of database values.		Acknowledged. No changes to ToR proposed.
6.		Please ensure that "Cumulative Effects" of noise are assessed if there is other equipment on or adjacent to the site operated by the proponent or for transfer of materials.		Acknowledged. Section 7.6, Table 7-3 has been updated to note that the whole Stelco site operations will be considered.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
3				
Ministry of the Environment, Conservation and Parks (MECP) Khalid Hussain - Senior Engineer, Industrial and Private Wastewater Environmental Permission Branch				
1.		Industrial and Private Wastewater Unit is responsible to approve sewage works for the industrial facilities. Our comments on the Environmental Assessment are limited to the sewage treatment works. The leachate generated from the proposed expansion landfill site is proposed to be conveyed to the Lake Erie Works Facility (LEWF) for treatment. It is recommended that the environmental assessment should review and confirm that LEWF has adequate treatment		Acknowledged. The quantity and quality of leachate from the landfill expansion will be evaluated and the ability of the existing LEWF leachate treatment facility to manage this wastewater will be assessed in the EA. Section 7.5.6 of the ToR has been updated to describe this assessment.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
		process and the capacity to treat the additional leachate that will be sent to it. The proponents should assess the quality and quantity of leachate to be generated by the proposed landfill site/expansion, and complete a design review of the LEWF sewage treatment plant in order to ensure that the leachate is treated consistently and reliably, and that there are no negative impacts to the receiving environment.		

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
4				
Ministry of the Environment, Conservation and Parks (MECP) Conor Gamelin, Program and Services Delivery Intern Conservation and Source Protection Branch				
1.		In the Proposed Terms of Reference for the Stelco quarry expansion, the proponent briefly discusses surface water in "Section 4.4: Surface water" and groundwater in "Section 4.3: Geology and Hydrogeology" but does not discuss drinking water source protection. Further, the proponent does not identify that the study area is within the Long Point Source Protection Area nor that the Long Point Region Source Protection Plan and its policies may apply to the project. The Proposed Terms of Reference document does not provide a general summary of activities related to quarry expansion that may pose a threat to sources of drinking water, such as the storage or handling of fuel, stormwater management facilities, or otherwise.	We recommend that the proponent plainly identify that the study area is within Long Point Source Protection Area, include a section discussing source protection, and identify whether any policies of the Long Point Region Source Protection Plan apply to this project.	The existing Quarry Landfill is located within the Long Point Region watershed as identified in the Long Point Region Source Protection Plan, and nearest to the Nanticoke Industrial Pump Station Intake within the Long Point Region watershed. The existing Quarry Landfill is not within the pumping station intake of the Nanticoke Industrial Pump Station nor the identified vulnerable areas. This information has been added to Section 4.3 of the ToR.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
2.		The EA proponent should also determine if any other types of drinking water systems could be affected during the construction or operation of the project that is not explicitly addressed in source protection plans, such as private systems – individual or clusters, and designated facilities within the meaning of O. Reg. 170/03 under the Safe Drinking Water Act – i.e., camps, schools, health care facilities, seasonal users, etc. The proponent should also consult with the local source protection authority if they have not already done so.		Acknowledged. Groundwater data sources already noted in Table 7-3 should identify other drinking water systems in the area. No changes to ToR proposed. Long Point Conservation has been consulted as part of this EA and had no comments on the draft ToR.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
5				
Ministry of the Environment, Conservation and Parks (MECP) Katie Zwick, Program Manager and Pam Lamba, Senior Advisor Climate Change Policy Branch and Adaptation and Resilience Branch				
1.	Vol. I, Page 50 (s. 7.5.7)	Pleased to see reference to Ontario's guide, Considering climate change in the environmental assessment process.	The referred-to guide sets out expectations for considering climate change in the preparation, execution and documentation of EA studies. Available at: https://www.ontario.ca/page/considering-climate-change-environmental-assessment-process and https://ero.ontario.ca/notice/012-5806	Acknowledged.
2.	Vol.1, Page 50	"Consideration will also be given to...ways that the project could reduce GHG emissions or remove GHG from the atmosphere"	To demonstrate that GHGs have been factored into project planning, describe mitigation measures considered in project design in the EA. (See s. 3 of Ontario guide.)	Acknowledged. Section 7.5.7 of the ToR has been updated to note that mitigation measures available with respect to GHG will be considered during design.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
3.	Vol. 1, Page 50, s. 7.5.7	Includes proposal to assess performance in the case of a 250-year storm event for preferred alternative	Please include rationale for proposing using the 250-year storm event, including how the proposal takes climate change into account.	The 250-year storm event aligns with requirements of the City of London and some other Ontario municipalities to assess and consider climate change as it relates to stormwater management infrastructure. In review of Haldimand County documentation, it indicates that to ensure adequate flood plain management for climate change to consider the greater of Hurricane Hazel or the 100-year storm event. Section 7.5.7 of the ToR has been updated to align with the requirements of Haldimand County.
4.	Vol. 1, Page 50, s. 7.5.7	Indicates total GHG emissions will be compared to the Ontario GHG emissions totals.	In addition, to demonstrate that climate change has been factored into planning, it is helpful to compare the project's emissions to those of other similar facilities and compare the project's emissions with and without mitigation measures. (See section 3 of Ontario guide.)	The activities associated with the landfill expansion that will produce GHGs include the following: on-site transportation fuel combustion emissions and land clearing as part of the expansion. There are no landfill gas emissions as this type of steel making residual waste has no caloric value. Furthermore, there is only a handful of private landfills in Ontario generating similar steel making residual waste material. As such, it is not possible to compare project emissions to other similar facilities. No change to ToR proposed.
5.	Vol. 1, Table 7-3 Work Plans	Unclear that mitigation measures in respect of GHG emissions will be identified and considered.	Clarify that the air quality and GHG review will include consideration of climate change mitigation measures.	Acknowledged and Table 7-3 for the environmental sub-component air quality and GHG has been updated noting that the waste to be received at this landfill is not municipal or ICI and hence won't contain organic material to create landfill gas or GHG.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
6.	Vol. 1, Table 7-3 Work Plans	Unclear that references to data sources for work plans include consideration of climate change.	Describe appropriateness of data to be used for the various components / sub-components given expected climate change over the relevant period for waste storage. (See section 4 of Ontario guide.)	Acknowledged and Table 7-3 has been updated where relevant to include data sources pertinent to climate change.
7.	Vol II, P. 5, s. 4.2.3	Estimated leachate generation rate includes references to 2010 work using a 1994 model, and notes that leachate generation rate could be significantly higher depending on circumstances.	Ensure leachate generation rate and other relevant estimates that affect project design are developed using assumptions that reflect forecast conditions related to climate change.	Note that Vol II contains an existing feasibility report describing that landfill expansion is a possible alternative for Stelco that predates the commencement of the EA in 2021 and therefore relied upon some existing data to make such assertions. The leachate generation rate needs to be re-evaluated during the EA as described in Section 7.5.6 and has been added to the groundwater component in Table 7-3. The groundwater component in Table 7-3 also has been updated to include relevant data sources pertinent to climate change.
8.	Vol. II, P. 5, s. 5.2 (see also s. 6.0 statements on the same matters)	-Reference Lake Erie works managing treatment of the leachate -Reference to leachate containment system having service life of 100 years -Reference to "based on current understanding of site hydrogeological conditions"	Describe plans to ensure treatment and containment over the long-term - until the waste would no longer pose a potential threat to the environment; considerations should include more detail on the capacity of Lake Erie works, completeness of understanding of site hydrogeological conditions (current and future), potential impacts associated with underperformance or failure, monitoring system, expectations / impacts regarding the proposed contingency measures, consideration of climate change with respect to these matters.	Note that Vol II contains an existing feasibility report describing that landfill expansion is a possible alternative for Stelco that predates the commencement of the EA in 2021 and therefore relied upon some existing data to make such assertions. Section 7.5.6 notes that the conveyance of the leachate to the treatment facility will be assessed and assessment of leachate generation rate and treatment ability have been added to the climate change Section 7.5.7. All of the additional comments are requirements of the Landfill Regulation 232/98 that is applicable to the proposed expansion and has been acknowledged in the groundwater component of Table 7-3; also, as mentioned above, climate change data sources have been added to this Section of the ToR.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
9.	Vol I, Pg 50: Section 7.5.7: Step 7 Consideration of Climate Change & Proposed Consultation Section 9.0	<p>There is mention of local/regional climate data. The proponent should identify the source of climate data and the climate projection that will be used. For data sources, consider using the regional/Ontario specific climate data and climate models including the Ontario Climate Data Portal (OCDP: www.ontarioccdp.ca) to support future climate change projections vs using historical data.</p> <p>Already mentioned in the draft ToR is "Ontario's Guide for Consideration of Climate Change in EA, (2017). The guide provides direction on how you can consider climate change impacts as part of the EA process from both a mitigation and adaptation perspective.</p> <p>Consider adding mention of nature-based solutions / green infrastructure solutions as part of any mitigation measures needed to address identified climate impacts (including for any of the alternative approaches).</p> <p>You may want to elaborate on how the Project Team will be working with First Nations communities to identify climate impacts (through TEK, as appropriate and in collaboration with the Indigenous Communities i.e. workshops, survey, etc.). Note: Combining TEK with traditional western science may enhance any climate assessment when identifying climate impacts, which will be helpful in planning and decision making.</p>	Vol I, Pg 50: Section 7.5.7: Step 7 Consideration of Climate Change & Proposed Consultation Section 9.0	It is our understanding that the Ontario Climate Data Portal is no longer active. As mentioned above, data sources pertaining to climate change have been added to Table 7-3 where appropriate including ClimateData.ca, Climate Atlas of Canada and Regional Perspective Report (Ontario Chapter). This data will be considered where appropriate, and it is noted that the Climate Atlas of Canada combines climate science, mapping, and storytelling together with Indigenous Knowledges and community-based research. The project team has been in regular contact with two of the three Indigenous Communities (the third has been unresponsive thus far) and will take an opportunity to discuss TEK with them during a future project update to understand if they have important climate data to share. Section 9.1 of the ToR has been updated.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
6				
Ministry of the Environment, Conservation and Parks (MECP) Michael Spencer, Surface Water Group Leader Technical Support Section				
1.		<p>In Section 10.2 Ontario Water Resources Act contained in Volume I, the report identified that an Environmental Compliance Approval is expected for stormwater management works associated with the landfill expansion. It should also be identified in this section that there is a possibility that current Environmental Compliance Approval No. 1547-CB2RL4 for the Stelco wastewater treatment facility, that currently treats leachate from the existing Quarry Landfill, may have to be amended. That being said, Table 12-1 List of ToR Commitments in Section 12.1 Commitments did identify that the capability of the Stelco wastewater treatment facility to treat leachate from the landfill expansion will be evaluated in the Environmental Assessment study report</p>		<p>Acknowledged. Section 10.2 has been updated to note an amendment to ECA 1547-CB2RL4 could be required.</p>

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
7				
Ministry of the Environment, Conservation and Parks (MECP) Husein Awad, M.Sc., P.Geo., Hydrogeologist West Central Region				
1.		<p>The geology and hydrogeology work plan to assess the environmental impact of the proposed alternative is generally acceptable. However, more details would be required prior to undertaking investigations.</p>		<p>Section 7.6, Table 7-3 of the ToR outlines the geology and hydrogeology work plan and notes that limited field work / "investigations" are required for this proposed expansion and are proposed to consist of: completing new leachability testing of waste materials; reviewing results of existing groundwater monitoring program; and limited additional field work in the form of drilling in the location of possible expansion for geological and hydrogeological testing. This field work is likely to be a day or two to confirm site geology and hydrogeology in the area of proposed expansion. It is unclear what additional details are required. No changes to ToR proposed.</p>
2.		<p>Following are recommendations that may be considered in undertaking of the proposed geology and hydrogeology work plan:</p> <ul style="list-style-type: none"> • The site conceptual model should include hydrogeologic cross-section. • Discussion on the potential failure of the proposed engineered liner system and potential groundwater mitigation measures in case that occurred. • Developing a predictive groundwater model to simulate flow patterns and leachate fate and transport. 		<p>Section 7.6, Table 7-3 acknowledges that predictive modelling will follow the requirements of Regulation 232/98 that includes in Section 10. (3) 4. the requirement to examine the effect of the failure of any engineered facilities when their service lives are reached. Regulation 232/98 also requires report preparation and the ToR has been updated to note this will include hydrogeologic cross-section(s).</p>

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
8				
Ministry of the Environment, Conservation and Parks (MECP) Tarryn Adam, A/Management Biologist SAR Branch				
1.		Due to the presence of SAR and SAR habitat within the vicinity of the project footprint, MECP recommends that a preliminary screening be completed as per the attached guide for both terrestrial and aquatic SAR and SAR habitat. Once submitted, the ministry can provide advice and guidance regarding potential species at risk or habitat concerns, measures that the proponent is considering to avoid adverse effects and whether additional field surveys are advisable.		Acknowledged. As of April 2023, the results of a desktop SAR screening have been submitted to the MECP as part of an Information Gathering Form. No changes to the ToR proposed.
2.		It should be noted in Section 10- Other Regulatory Approvals that a permit may be required under the Endangered Species Act, 2007.		Acknowledged, Section 10 has been updated with Endangered Species Act.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
9				
Ministry of the Environment, Conservation and Parks (MECP) Dale Gable, Manager – Technology Projects Resource Recovery Policy Branch				
1.		RRPB does not have any comments related to waste diversion at this time. Stelco has indicated that as part of the overall operations, they have diverted a significant amount of waste. The purpose of the landfill is to address a disposal need for waste that can not be diverted		Acknowledged.
2.		Stelco will continue to look for opportunities to divert waste from final disposal to increase their diversion percentage.		Acknowledged.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
10				
Ministry of the Environment, Conservation and Parks (MECP) Joan Del Villar Cuicas, Regional Environmental Planner Project Review Unit, Environmental Assessment Branch				
1.		The proposal is an expansion of an existing landfill that has been in operation for decades. It is reasonable that the landfill expansion expected to have similar effects on sensitive existing off-site receptors as current landfill site.		Acknowledged and agreed, noting that existing effects from landfill operation are not documented on sensitive existing off-site receptors.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
2.		The draft ToR identified that the current site is designated in an area for Major Industrial and already designed for waste disposal. A number of data sources (i.e. Provincial Policy Statement (2020), Haldimand County Official Plan, MECP D-1 Land Use and Compatibility and D-4 Land Use on or Near Landfills and Dump Guideline) will be reviewed in order to assess the impact of the proposed landfill expansion on existing or known future land use within the site study area		Acknowledged.
3.		The draft ToR noted that the EA will address the requirements of The MECP guideline D4 Land Use On or Near Landfills and Dumps to consider that 500 metres as an influence area within which an assessment of impacts for any existing or proposed sensitive land uses is required. The proponent should ensure that all applicable D-series guidelines are considered in the scope of the EA, be considered as an influence area requiring, including guidelines D-1, D-1-1, D-1-2 and D-1-3, as well as D-4, D-4-1, D-4-2, and D-4-3		Acknowledged. Section 7.6, Table 7-3 of the ToR has been updated to add these other D-series guidelines to consider.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
11				
Ministry of the Environment, Conservation and Parks (MECP) Stephen Deneault, Officer Environmental Assessment Branch				
1.	Page xi	List of Acronyms Note that the Ministry of Heritage, Sport, Tourism and Cultural Industries (MHSTCI) is now referred to as the Ministry of Citizenship and Multiculturalism (MCM).	Revise the list of acronyms, and all references to MHSTCI in the draft ToR, and change to MCM.	Acknowledged. Changes requested have been made.
2.	Section 7.1, page 41	Editorial Comment Where it reads: <i>"It is proposed that the EA work will be undertaken in a series of seven steps (further details are provided in Section 7.6) as follows:"</i> Is this supposed to reference Section 7.5 instead?	Review the reference to section 7.5 and 7.6 and update accordingly.	Acknowledged. Changes requested have been made.
3.	Executive summary, page i	Description of the Existing Quarry Landfill Where it reads: <i>"The existing Quarry Landfill is situated in a 5.5 hectare (ha), 34 metre (m) deep former limestone quarry at the west end of the LEWF. The landfill boundary corresponds to the vertical rock wall of the former quarry..."</i> The description should be detailed and in plain language. Can an alternative word for "corresponds" be used when describing the existing site? More detail is requested in this section.	Revise the description of the existing site.	Acknowledged, an alternative word to "corresponds" has been provided and some additional language for the layperson has been provided.
4.	Executive summary, page v and; Section 2.3, page 7	References to Consultation Plan vs. Record of Consultation Where it reads: <i>"The ToR describes the draft Consultation Plan prepared and undertaken by Stelco for the development of this ToR, as well as the program proposed for the subsequent EA process."</i> And;	Revise these sections and the ToR with consistent terms for the Consultation Plan and Record of Consultation.	Understood. Please note that following Notice of Commencement of this ToR the MECP Officer at the EA Branch assigned to this file at that time requested a "Consultation Plan" for the ToR and EA that would be a living document and it was included in Volume III, Appendix A of the draft ToR. It was reviewed by the MECP shortly following Notice of

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
		<p><i>"Section 8.0 presents the consultation plan for developing this ToR including results of consultation undertaken to date."</i></p> <p>When referring to the past consultation that took place during the preparation of the ToR, 'Record of Consultation' should be the term used. The 'Consultation Plan' should refer to the future consultation that will take place during the preparation of the EA. Please refer to the <i>ToR Code of Practice</i> Sections 5.2.9 and 5.3.1 when defining the Consultation vs. the Record of Consultation in the ToR to avoid confusion.</p>		<p>Commencement of the ToR and all requested edits made. It is acknowledged that the title of that document and language used around that document may be confusing as it relates to the ToR Code of Practice. The sections of the ToR with reference to Consultation Plan and Record of Consultation have been updated to align with the Code of Practice and not with direction earlier provided by the MECP.</p>
5.	Executive summary, page v and; Section 9, page 73	<p>Referring to a Minister's Decision</p> <p>Where it reads: <i>"The Draft EA will be circulated for a seven week public comment period prior to finalization and submission to the MECP for approval. In addition, consultation specific to individual Indigenous Communities will also be carried out."</i></p> <p>And;</p>	Revise the sections in the ToR to not assume the Minister's approval of the ToR and/or EA.	Acknowledged. Changes requested have been made.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
		<p><i>“Following approval of this ToR and during preparation of the EA, a consultation program will be continued to engage the public, businesses, the GRT, Indigenous Communities, as well the CLC interested during the EA process. Input will be obtained through a number of engagement activities, as proposed below. In addition to the engagement activities described below, consultation specific to individual Indigenous Communities will also be carried out. These additional activities are described in Section 9.1. The results of the engagement program conducted by Stelco during preparation of the EA will be presented in the EA Report.”</i></p> <p>A Minister's approval on the ToR should not be presupposed. Alternative text should read: <i>“Following the Minister of the Environment, Conservation and Parks' decision on the ToR”.</i></p>		
6.	Executive summary, page v and; Section 11, page 76	<p>EA Schedule Where it reads: <i>“Following circulation of the draft ToR for comments, the proposed ToR is subject to a 30-day comment period that will be followed by the Minister's decision. With submission of the proposed ToR in 2022, the Minister's decision is anticipated in early to mid 2023. The EA studies will be carried out following ToR approval and then the draft and final EA will be submitted for the Minister's approval. Processes to obtain the other approvals required to implement the EA Study will proceed after EA approval”</i></p>	Revise these sections of the ToR	Acknowledged. Changes requested have been made.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
		<p>A Minister's approval on the ToR should not be presupposed. The dates listed also appear outdated. The EA Schedule in the Executive Summary and Section 11 of the draft ToR should mention that a Minister's decision would occur 12-weeks after the start of the 30-day review period.</p> <p>Please refer to the <i>Environmental Assessment Act</i>, Subsection 6(6) and the <i>ToR Code of Practice</i>, Section 8.1 when describing the Minister's decision in the EA Schedule sections of the ToR.</p>		
7.	Section 8.1.5, pages 71-72 and; Appendix G of Volume III	<p>Consultation with Haudenosaunee Confederacy Chiefs Council (HCCC) Indigenous consultation seems to be incomplete as there appears to be a number of missing records, including any record of engagement (or attempted engagement with) HCCC. Please refer to the <i>ToR Code of Practice</i>, Section 5.3.1 regarding record of consultation requirements, and the detailed set of comments provided by MECP in the memo sent to Stelco on February 16th, 2023, and also the January 19, 2022 ministry letter that delegated the procedural aspects of Indigenous consultation to Stelco for this project.</p>	Update Indigenous Consultation sections to include a record of consultation with HCCC.	The project team has reached out to HCCC in many ways (email and phone) on many occasions, but the HCCC has yet to engagement with the project team regarding this proposal. The ToR has been updated to document the attempted consultation with the HCCC.
8.	Section 9, page 73, and; Section 5.2, page 4 of Volume III.	<p>Issues Resolution Strategy Where it reads: <i>"During the EA there may be issues raised or disputes during preparation of the EA that may be difficult to resolve. Stelco will attempt to resolve all issues or disputes to reach a resolution that is amenable, recognizing that interests of multiple stakeholders and/or regulations may sometimes dictate a resolution that may not be</i></p>	Update Issues Resolution Strategy	As mentioned previously, following Notice of Commencement of this ToR the MECP Officer at the EA Branch assigned to this file at that time requested a "Consultation Plan" for the ToR and EA that would be a living document and it was included in Volume III, Appendix A of the draft ToR (Section 5.2, page 4). It was reviewed by the MECP shortly following Notice of Commencement of the ToR and all

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		<p><i>desirable to all parties. In the event that a mutually agreeable resolution is not achieved, the matter will be referred to the MECP for guidance.”</i></p> <p>And; <i>“Throughout the EA process, Stelco will solicit feedback and information from the local community, GRT and Indigenous communities about the proposed Quarry Landfill Expansion. Issues identified will be reviewed by Stelco and Golder and a reasonable effort will be made to respond to concerns raised throughout the planning process. Stelco and Golder will attempt to resolve all issues or disputes to reach a resolution that is amenable, recognizing that interests of multiple stakeholders, rights holders and/or regulations may sometimes dictate a resolution that may not be desirable to all parties. When a mutually agreeable resolution cannot be achieved, the matter will be referred to the MECP for guidance.”</i></p> <p>It is unclear how issues will be resolved (i.e., what methods of engagement will be used, at what stage, etc.). Please provide more details on the Issues Resolution Strategy and how the MECP plays a role in issues resolution, as it is the ministry's expectation that the proponent resolves issues prior to submission of the final ToR for a Minister's decision.</p>		<p>requested edits made. Furthermore, aside from being already accepted by the MECP for this project, the same issues resolution strategy has been used in several similar ToRs and EAs in the last five years. The exact mechanism of the issues resolution strategy will depend on what the issue is and who is involved and hence it is not possible to be any more specific at this time.</p> <p>It is noted that the MECP is not being requested to resolve issues, merely to provide guidance when a mutually agreeable resolution cannot be achieved. Section 3.5 of the Code of Practice for Preparing and Reviewing Terms of References notes it is the MECP's role to “Encourage and facilitate the resolution of outstanding issues during the process as necessary”. It is agreed and acknowledged that the MECP expects that the proponent will resolve issues prior to submission of the final ToR for a Minister's decision and this has been added to Section 9 and Volume III, Appendix A, Section 5.2.</p>
9.	Section 12.1, pages 77-78, table 12-1	<p>Table of Commitments Reminder that the list of commitments should include any commitments made to stakeholders, Indigenous communities, and the public during the preparation of the ToR.</p>	Review to ensure all commitments made during consultation are included in the final list of commitments.	Acknowledge and no changes required.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
10.	Section 2.4, page 7 And; Section 5.2, pages 21-23 And; Section 5.3, pages 24-28	<p>Range of Alternatives and Preliminary Screening of 'Alternatives to' (Focused ToR)</p> <p>A "preliminary screening process" is referenced in the Executive Summary, page iii and Section 6.96.0, page 39. Section 2.4 mentions that Section 5 includes the pre-screening assessment of alternatives. Section 5.2 sets out a broad list of criteria developed for comparative evaluation of alternatives to (natural social, economic, cultural, built environment), and at a high level, some rationale is provided for why alternatives 3, 4, and 5 were screened out by Stelco in Section 5.3, pages 24-28.</p> <p>When appropriate, proponents may conduct an initial screening of alternatives before or at the ToR stage; however, as stated in the <i>ToR Codes of Practice</i>, screening criteria must include consideration of key environmental factors such as potential impacts to the natural environment, potential cultural and socio-economic impacts, and impacts to Aboriginal and Treaty rights. Consultation on scoping should be carried out, and detailed screening results should be included in supporting documentation (with results summarized in the ToR documents).</p> <p>The screenings described in Section 5.3 of the draft ToR do not provide enough detail or supporting information to determine whether key environmental factors were adequately considered. It is also unclear how the results of consultation were considered in Stelco's decision making process.</p>	Additional detail is required and supporting documents should be included to support any screening or focusing of alternatives in the ToR. It should also be clearer in Section 5.3 and the Executive Summary that alternatives 3-5 will not be carried forward into the EA.	Acknowledged, as discussed during a project update call held on April 3, 2023, the use of the terminology "preliminary screening process" was not the best choice of words. A feasibility assessment was completed to assess if the 'Alternatives To' were within the proponent's ability to implement. Appropriate Sections of the ToR have been updated as suggested. The preliminary screening of the remaining 'Alternatives To' has been described in Volume II, Supporting Document #2 and a summary updated in Section 5.4 of the ToR.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
11.	Section 7.4, page 48	<p>Time Frames Where it reads: <i>“As noted previously, the Quarry Landfill is expected to reach capacity during 2023. While pursuing landfill expansion approvals, the LEWF will need to minimize waste production and send waste materials off-site for disposal at an alternate location for a period of time. Assuming that the necessary approvals and construction will take an additional three years and the desired 15 to 25 operating period the time frames are suggested as:</i></p> <ul style="list-style-type: none"> • <i>o operations (2026 to 2041 or 2051)</i> • <i>o post-closure (beyond 2041 or 2051)</i> <p><i>Landfilling operation activities will occur throughout the expanded life of the Quarry Landfill (i.e., about 15 to 25 more years from 2026 to 2041 or 2051). Leachate collection and treatment, and site performance monitoring and maintenance activities, will also be ongoing throughout this time frame. During the post-closure period (i.e., beyond 2041 or 2051), the only activities”</i></p>	Provide more details on interim measures to manage waste after capacity is reached in 2023.	Acknowledged. Additional details were provided in Section 1.0 and 7.4, noting that Stelco cannot disclose exact disposal details off-site to protect sensitive competitive information but that a licensed disposal facility will be used for disposal while pursuing approvals. Also, Stelco has submitted an ECA application for limited vertical expansion of the existing landfill (40,000 m ³). This volume will be included and considered in this EA as part of the expansion.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
		<p>More detail should be provided on what Stelco plans to do to manage waste from when the current landfill reaches capacity in 2023 to the anticipated start of operations in 2026. How will Stelco manage this situation for 3 years? How will Stelco manage and mitigate effects in the meantime before an EA is approved? Will interim approvals be sought? If pursued, how would any requests for interim capacity increases through an ECA amendment impact the final waste volumes being requested in the final EA? These questions should be addressed in the draft ToR to increase clarity and transparency.</p>		

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
12				
Ministry of the Environment, Conservation and Parks (MECP) J.Averill, a/Senior Advisor Environmental Assessment Branch				
1.		<p>Having read through the provided documents it would appear as though the consultation record is incomplete. It was noted that the project location fell within Treaty 3, within the traditional territory of the Mississaugas of the Credit and within the 1701 NanFan Treaty/Albany deed. Based on this information, 2 communities should be consulted on the project, Mississaugas of the Credit First Nations and Six Nations of the Grand River both Elected Council and Traditional Council (HCCC through HDI). While there appears to be a number of email exchanges and entries between MFCN and the proponent, there appears to be only one (1) entry (with the exception of the Aug 9, 2022 meeting) between the proponent and the Six Nations under the heading D4- Example Emails Sent (Nov. 15, 2021) which was not recorded elsewhere in the summary. All emails, calls, records should be included in the consultation summary as there appears to be a number of these missing. Additionally, both the elected and traditional (HCCC) were identified as potentially having an interest in the project, yet there are no entries or attempts to reach out to HCCC on the project as directed by the Ministry. There appears to be no reason nor rationale as to why HCCC was not engaged on the process.</p>		<p>Acknowledged. The consultation itself was not missed, but not all records of the times the team reached out to the three Indigenous Communities were documented in the ToR or Consultation Record. Attempts to reach the HCCC were made on numerous occasions but thus far they have not reciprocated invitations to talk.</p>

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
2.		<p>The Draft ToR on pg. 11 lists a number of Appendices (A-G) with Indigenous Consultation listed as Appendix G. This appendix only contains the meeting minutes for the 2 meetings held, one with MCFN on Dec. 2, 2021 and the other on Aug 9, 2022 with Six Nations. One might expect upon opening this appendix for it to contain ALL records of Indigenous consultation (meeting notes, emails, phone calls, etc.); however as previously noted, these records are interspersed throughout the ToR under D4- E5. While it was noted that the appendices were broken down by event, or bulletin and that Indigenous community engagement was listed under these headings, these should all be located under the same heading/appendix and include ALL communities identified as having an interest or potential rights impacted by the project.</p>		<p>All contact with Indigenous communities has now been transferred to Volume III, Appendix G.</p>

Edmond, Trish

From: Deneault, Stephen (MECP) <Stephen.Deneault@ontario.ca>
Sent: June 22, 2023 3:54 PM
To: Edmond, Trish
Cc: Robinson, Joel; 20136711, Stelco Quarry Lf Exp EA LakeErie; Colella, Nick (MECP)
Subject: RE: Part 2 MECP EAS Comments - Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion
Attachments: Draft ToR Stelco Response Table (Planner).docx; Draft ToR Stelco Response Table (RRPB).docx; Draft ToR Stelco Response Table (Surface Water).docx

Hi Trish,

Thank you for sending the remaining comment response table, I have forwarded it to our Indigenous Advisor for review.

The ministry is continuing our review of the disposition table and track change version of the draft ToR that you sent. Please see three responses (attached) so far that are satisfied. I anticipate providing a full set of consolidated ministry responses back to you the week of July 10th. Let me know if you have any concerns with that timing.

Kind regards,
Stephen

Stephen Deneault (he/him) | Project Officer
Environmental Assessment Services | Environmental Assessment Branch
Ministry of the Environment, Conservation and Parks | 135 St. Clair Avenue West, Toronto, ON M4V 1P5
☎: 437-247-3443 | ✉: Stephen.Deneault@ontario.ca



From: Edmond, Trish <trish.edmond@wsp.com>
Sent: June-21-23 10:11 AM
To: Deneault, Stephen (MECP) <Stephen.Deneault@ontario.ca>
Cc: Robinson, Joel <joel.robinson@wsp.com>; 20136711, Stelco Quarry Lf Exp EA LakeErie <120877@golder.com>; Colella, Nick (MECP) <Nick.Colella@ontario.ca>
Subject: RE: Part 2 MECP EAS Comments - Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

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Hi Stephen,

Attached is the only remaining MECP comment response as well as a track change version of the draft ToR with the section relevant to the comments, 8.1.5. How are the other MECP reviews coming along?

Just to keep you in the loop we received three comments from other GRT that required follow up. I cc'd you on the one from MCM but forgot to include you on one from the Haldimand Fire Department and one from DFO. All three have replied they are satisfied regarding our response.

We had one FN request funding to review the draft ToR and it took quite some time to get that organized but it is now basically settled. I just reached out to them to determine if they will be completing a review in the next three weeks.

Stelco is anxious to prepare the final ToR once we can gain sign off from the MECP on their comments.

Thanks,
Trish



Trish Edmond

Senior Principal Environmental Engineer, Team Lead Waste
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She/Her

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Not Working Friday's

From: Deneault, Stephen (MECP) <Stephen.Deneault@ontario.ca>
Sent: Friday, June 9, 2023 10:00 AM
To: Edmond, Trish <trish.edmond@wsp.com>
Cc: Robinson, Joel <joel.robinson@wsp.com>; 20136711, Stelco Quarry Lf Exp EA LakeErie <120877@golder.com>; Colella, Nick (MECP) <Nick.Colella@ontario.ca>
Subject: RE: Part 2 MECP EAS Comments - Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Thank you Trish.

Have a great weekend,
Stephen

Stephen Deneault (he/him) | Project Officer

Environmental Assessment Services | Environmental Assessment Branch

Ministry of the Environment, Conservation and Parks | 135 St. Clair Avenue West, Toronto, ON M4V 1P5

☎: 437-247-3443 | ✉: Stephen.Deneault@ontario.ca



From: Edmond, Trish <trish.edmond@wsp.com>
Sent: June-09-23 9:00 AM
To: Deneault, Stephen (MECP) <Stephen.Deneault@ontario.ca>
Cc: Robinson, Joel <joel.robinson@wsp.com>; 20136711, Stelco Quarry Lf Exp EA LakeErie <120877@golder.com>; Colella, Nick (MECP) <Nick.Colella@ontario.ca>
Subject: RE: Part 2 MECP EAS Comments - Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

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Hi Stephen,

Here is a track changes version of the draft ToR (minus figures) with updates in response to the various comments from the MECP and MCM with the exception of those on Indigenous Consultation. Let us know if you have further questions or wish to discuss anything.

Trish



Trish Edmond

Principal, Team Lead Waste - Ontario Earth & Environment
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Not Working Friday's

From: Deneault, Stephen (MECP) <Stephen.Deneault@ontario.ca>

Sent: Thursday, June 8, 2023 11:16 AM

To: Edmond, Trish <trish.edmond@wsp.com>

Cc: Robinson, Joel <joel.robinson@wsp.com>; 20136711, Stelco Quarry Lf Exp EA LakeErie <120877@golder.com>;
Colella, Nick (MECP) <Nick.Colella@ontario.ca>

Subject: RE: Part 2 MECP EAS Comments - Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Thanks Trish, it would be helpful for our reviewers.

Stephen

Stephen Deneault (he/him) | Project Officer

Environmental Assessment Services | Environmental Assessment Branch

Ministry of the Environment, Conservation and Parks | 135 St. Clair Avenue West, Toronto, ON M4V 1P5

☎: 437-247-3443 | ✉: Stephen.Deneault@ontario.ca



From: Edmond, Trish <trish.edmond@wsp.com>

Sent: June-08-23 11:08 AM

To: Deneault, Stephen (MECP) <Stephen.Deneault@ontario.ca>

Cc: Robinson, Joel <joel.robinson@wsp.com>; 20136711, Stelco Quarry Lf Exp EA LakeErie <120877@golder.com>;
Colella, Nick (MECP) <Nick.Colella@ontario.ca>

Subject: RE: Part 2 MECP EAS Comments - Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

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Hi Stephen,

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Trish



Trish Edmond

Principal, Team Lead Waste - Ontario Earth & Environment
M.E.Sc., P.Eng.
She/Her

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From: Deneault, Stephen (MECP) <Stephen.Deneault@ontario.ca>
Sent: Thursday, June 8, 2023 11:01 AM
To: Edmond, Trish <trish.edmond@wsp.com>
Cc: Robinson, Joel <joel.robinson@wsp.com>; 20136711, Stelco Quarry Lf Exp EA LakeErie <120877@golder.com>; Colella, Nick (MECP) <Nick.Colella@ontario.ca>
Subject: RE: Part 2 MECP EAS Comments - Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

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☎: 437-247-3443 | ✉: Stephen.Deneault@ontario.ca



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Sent: June-06-23 6:40 PM
To: Deneault, Stephen (MECP) <Stephen.Deneault@ontario.ca>
Cc: Robinson, Joel <joel.robinson@wsp.com>; Evers, Andrew (MECP) <Andrew.Evers@ontario.ca>; 20136711, Stelco Quarry Lf Exp EA LakeErie <120877@golder.com>
Subject: RE: Part 2 MECP EAS Comments - Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

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From: Deneault, Stephen (MECP) <Stephen.Deneault@ontario.ca>
Sent: February 27, 2023 10:43 AM
To: Edmond, Trish <trish.edmond@wsp.com>
Cc: Robinson, Joel <joel.robinson@wsp.com>; Petar Kolundzija <Petar.Kolundzija@stelco.com>; Evers, Andrew (MECP) <Andrew.Evers@ontario.ca>
Subject: RE: Part 2 MECP EAS Comments - Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

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Kind regards,
Stephen

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Ministry of the Environment, Conservation and Parks | 135 St. Clair Avenue West, Toronto, ON M4V 1P5
☎: 437-247-3443 | ✉: Stephen.Deneault@ontario.ca



From: Deneault, Stephen (MECP)
Sent: February-16-23 2:57 PM
To: Edmond, Trish <trish.edmond@wsp.com>
Cc: Robinson, Joel <joel.robinson@wsp.com>; Petar Kolundzija <Petar.Kolundzija@stelco.com>; Evers, Andrew (MECP) <Andrew.Evers@ontario.ca>
Subject: MECP Technical Comments - Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

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- Appendix A - Air Quality
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- Appendix D – Conservation and Source Protection
- Appendix E – Climate Change
- Appendix F – Surface Water
- Appendix G – Groundwater

- Appendix H – Indigenous Consultation
- Appendix I – Species at Risk
- Appendix J – Resource Recovery
- Appendix K – MECP Regional Office Review

The comments attached are not exhaustive. **Please anticipate a formal comment letter from me on February 24th with a comment table for additional feedback from the Environmental Assessment Services Section.** *I apologize for the delay in sending you my general comments as I have been sick.*

Next Steps

The ministry encourages Stelco to prepare responses to the enclosed comments from the ministry's technical reviewers. Please provide your responses to me at Stephen.Deneault@ontario.ca. I will then distribute the responses to the appropriate internal ministry reviewers.

The ministry is available to meet with Stelco to support resolving issues prior to the submission of a final ToR. Should Stelco wish to meet with technical reviewers to discuss the enclosed comments, please let me know. If you have any questions, please do not hesitate to contact me at Stephen.Deneault@ontario.ca or at 437-247-3443. As mentioned, I will forward the remaining comment table to you asap.

Thank you,
Stephen

Stephen Deneault (he/him) | Project Officer

Environmental Assessment Services | Environmental Assessment Branch

Ministry of the Environment, Conservation and Parks | 135 St. Clair Avenue West, Toronto, ON M4V 1P5

☎: 437-247-3443 | ✉: Stephen.Deneault@ontario.ca



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..LAEmlHhHzdJzBITWfa4Hgs7pbKl

Edmond, Trish

From: Deneault, Stephen (MECP) <Stephen.Deneault@ontario.ca>
Sent: June 28, 2023 2:14 PM
To: Edmond, Trish
Cc: Colella, Nick (MECP)
Subject: RE: Part 2 MECP EAS Comments - Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion
Attachments: TRACK CHANGES20136711 Stelco Waste EA Volume I ToR IC Consultation for MECP.pdf; Draft ToR Stelco Response Table (SARB).docx; Draft ToR Stelco Response Table (Groundwater).docx

Hi Trish,

As the ministry continues our review of Stelco's responses, a few questions have come back from our reviewers. I'm hoping you can assist:

Indigenous Consultation Review

- The ministry is interested in reviewing the record of email exchanges, calls, etc. that are referenced in the revised document section 8.0. Is an updated Appendix G available to review?

Species at Risk Review

- Stelco's response indicates that an IGF was submitted to the MECP in April 2023. The ministry does not have record of this IGF, can Stelco please re-send?

Groundwater Review

- See attached table for ministry comment.

Thanks,
Stephen

Stephen Deneault (he/him) | Project Officer

Environmental Assessment Services | Environmental Assessment Branch

Ministry of the Environment, Conservation and Parks | 135 St. Clair Avenue West, Toronto, ON M4V 1P5

☎: 437-247-3443 | ✉: Stephen.Deneault@ontario.ca



From: Deneault, Stephen (MECP)

Sent: June-22-23 3:54 PM

To: Edmond, Trish <trish.edmond@wsp.com>

Cc: Robinson, Joel <joel.robinson@wsp.com>; 20136711, Stelco Quarry Lf Exp EA LakeErie <120877@golder.com>; Colella, Nick (MECP) <Nick.Colella@ontario.ca>

Subject: RE: Part 2 MECP EAS Comments - Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Trish,

Thank you for sending the remaining comment response table, I have forwarded it to our Indigenous Advisor for review.

The ministry is continuing our review of the disposition table and track change version of the draft ToR that you sent. Please see three responses (attached) so far that are satisfied. I anticipate providing a full set of consolidated ministry responses back to you the week of July 10th. Let me know if you have any concerns with that timing.

Kind regards,
Stephen

Stephen Deneault (he/him) | Project Officer

Environmental Assessment Services | Environmental Assessment Branch

Ministry of the Environment, Conservation and Parks | 135 St. Clair Avenue West, Toronto, ON M4V 1P5

☎: 437-247-3443 | ✉: Stephen.Deneault@ontario.ca



From: Edmond, Trish <trish.edmond@wsp.com>

Sent: June-21-23 10:11 AM

To: Deneault, Stephen (MECP) <Stephen.Deneault@ontario.ca>

Cc: Robinson, Joel <joel.robinson@wsp.com>; 20136711, Stelco Quarry Lf Exp EA LakeErie <120877@golder.com>; Colella, Nick (MECP) <Nick.Colella@ontario.ca>

Subject: RE: Part 2 MECP EAS Comments - Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

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Hi Stephen,

Attached is the only remaining MECP comment response as well as a track change version of the draft ToR with the section relevant to the comments, 8.1.5. How are the other MECP reviews coming along?

Just to keep you in the loop we received three comments from other GRT that required follow up. I cc'd you on the one from MCM but forgot to include you on one from the Haldimand Fire Department and one from DFO. All three have replied they are satisfied regarding our response.

We had one FN request funding to review the draft ToR and it took quite some time to get that organized but it is now basically settled. I just reached out to them to determine if they will be completing a review in the next three weeks.

Stelco is anxious to prepare the final ToR once we can gain sign off from the MECP on their comments.

Thanks,
Trish



Trish Edmond

Senior Principal Environmental Engineer, Team Lead Waste

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She/Her

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From: Deneault, Stephen (MECP) <Stephen.Deneault@ontario.ca>
Sent: Friday, June 9, 2023 10:00 AM
To: Edmond, Trish <trish.edmond@wsp.com>
Cc: Robinson, Joel <joel.robinson@wsp.com>; 20136711, Stelco Quarry Lf Exp EA LakeErie <120877@golder.com>; Colella, Nick (MECP) <Nick.Colella@ontario.ca>
Subject: RE: Part 2 MECP EAS Comments - Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Thank you Trish.

Have a great weekend,
Stephen

Stephen Deneault (he/him) | Project Officer
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From: Edmond, Trish <trish.edmond@wsp.com>
Sent: June-09-23 9:00 AM
To: Deneault, Stephen (MECP) <Stephen.Deneault@ontario.ca>
Cc: Robinson, Joel <joel.robinson@wsp.com>; 20136711, Stelco Quarry Lf Exp EA LakeErie <120877@golder.com>; Colella, Nick (MECP) <Nick.Colella@ontario.ca>
Subject: RE: Part 2 MECP EAS Comments - Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

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Hi Stephen,

Here is a track changes version of the draft ToR (minus figures) with updates in response to the various comments from the MECP and MCM with the exception of those on Indigenous Consultation. Let us know if you have further questions or wish to discuss anything.

Trish



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Not Working Friday's

From: Deneault, Stephen (MECP) <Stephen.Deneault@ontario.ca>
Sent: Thursday, June 8, 2023 11:16 AM
To: Edmond, Trish <trish.edmond@wsp.com>

Cc: Robinson, Joel <joel.robinson@wsp.com>; 20136711, Stelco Quarry Lf Exp EA LakeErie <120877@golder.com>;
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Environmental Assessment Services | Environmental Assessment Branch

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-LAEml-hhHzdJzBITWfa4Hgs7pbKl

Edmond, Trish

From: Deneault, Stephen (MECP) <Stephen.Deneault@ontario.ca>
Sent: August 17, 2023 1:55 PM
To: Edmond, Trish
Cc: Petar Kolundzija; Colella, Nick (MECP)
Subject: RE: Part 2 MECP EAS Comments - Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion
Attachments: Draft ToR Stelco Response Table (SARB) updated.docx; Draft ToR Stelco Response Table (Project Officer) updated.docx; Draft ToR Stelco Response Table (Air Quality) updated.docx

Hi Trish,

Thank you for the call this morning. I've attached response tables from MECP species at risk, EA branch, and air for your records and attention.

As discussed, the ministry requests that proponents notify the ministry in writing 3-weeks before the anticipated submission date of the final ToR. Review periods start and end on Friday's. During the 3-week pre-submission period MECP requests that Stelco submit the planned circulation list and list of locations of hard copy viewing of the final ToR, as well as a completed ToR Summary Form and draft Notice of Submission for ministry review.

Let me know if you have any questions.

Kind regards,
Stephen

Stephen Deneault (he/him) | Project Officer
Environmental Assessment Services | Environmental Assessment Branch
Ministry of the Environment, Conservation and Parks | 135 St. Clair Avenue West, Toronto, ON M4V 1P5
☎: 437-247-3443 | ✉: Stephen.Deneault@ontario.ca



From: Edmond, Trish <trish.edmond@wsp.com>
Sent: August-09-23 9:22 AM
To: Deneault, Stephen (MECP) <Stephen.Deneault@ontario.ca>
Cc: Colella, Nick (MECP) <Nick.Colella@ontario.ca>; Robinson, Joel <joel.robinson@wsp.com>; Petar Kolundzija <Petar.Kolundzija@stelco.com>; 20136711, Stelco Quarry Lf Exp EA LakeErie <120877@golder.com>; manee.vellaiappan@stelco.com
Subject: RE: Part 2 MECP EAS Comments - Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

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Good morning Stephen,

I didn't hear from you regarding my last email and whether disposition tables were required for CCRD or yourself. We have gone ahead and prepared a response to your comments since there was one new comment provided. Please advise if ones for CCRD are required.

From our perspective we are very near to having everything resolved with only minor comments remaining. Do you think these can be resolved in the next week by August 16? Stelco is keen to prepare the final ToR submission and we are working on an advertisement to send to you shortly. Can you comment on next steps for circulating the final ToR and any steps or timing requirements from the MECP?

If you would like to convene a call to go over things that would be fine.

Trish



Trish Edmond

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Not Working Friday's

From: Edmond, Trish
Sent: Wednesday, August 2, 2023 9:32 AM
To: Deneault, Stephen (MECP) <Stephen.Deneault@ontario.ca>
Cc: Colella, Nick (MECP) <Nick.Colella@ontario.ca>; Robinson, Joel <joel.robinson@wsp.com>; Petar Kolundzija <Petar.Kolundzija@stelco.com>; 20136711, Stelco Quarry Lf Exp EA LakeErie <120877@golder.com>; manee.vellaippan@stelco.ca
Subject: RE: Part 2 MECP EAS Comments - Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Stephen,

With regard to the comments from yourself and Climate Change Policy Branch and Adaptation and Resilience Branch are you thinking there will be another round of iteration on the disposition tables or shall we just be making final updates to the ToR?

Note in your response to comment #10 you asked to see the new Volume II supporting document and it is attached for reference.

Air and Pesticides also wanted to see new Volume II supporting document and Figure 7-1 that are attached.

Lastly with regard to the SAR comments below I think there has been a misunderstanding on the part of the MECP and likely some less than ideal communication on the part of WSP. I have repasted below the comment response with updates in red to provide additional clarity.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
1.		Due to the presence of SAR and SAR habitat within the vicinity of the project footprint, MECP recommends that a preliminary screening be completed as per the attached guide for both terrestrial and aquatic SAR and SAR habitat. Once submitted, the ministry can provide advice and guidance regarding potential species at risk or habitat concerns, measures that the proponent is		Acknowledged. As there is no field data in 2023, the results of screening have been provided to MECP for comment. Information-Gathering studies are complete and the proponent will submit preliminary screening

considering to avoid adverse effects and whether additional field surveys are advisable.

Information Gathered from ministry advice and changes to the ToR 10.5 has been updated. Please complete the Information Gathering if SAR species or habitats cannot be avoided.

Trish



Trish Edmond

Senior Principal Environmental Engineer, Team Lead Waste
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She/Her

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Not Working Friday's

From: Deneault, Stephen (MECP) <Stephen.Deneault@ontario.ca>

Sent: Tuesday, July 25, 2023 12:30 PM

To: Edmond, Trish <trish.edmond@wsp.com>

Cc: Colella, Nick (MECP) <Nick.Colella@ontario.ca>

Subject: RE: Part 2 MECP EAS Comments - Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Trish,

I hope you're well. Please find attached the remainder of MECP-GRT responses. However, there are a few outstanding materials that ministry staff would like to review for air/pesticides and SAR considerations before providing comments back to you – these items are highlighted in the tracking table below. Please let me know if you are able to provide these.

Let me know if you have any questions.

Kind regards,
Stephen

Stephen Deneault (he/him) | Project Officer

Environmental Assessment Services | Environmental Assessment Branch

Ministry of the Environment, Conservation and Parks | 135 St. Clair Avenue West, Toronto, ON M4V 1P5

☎: 437-247-3443 | ✉: Stephen.Deneault@ontario.ca



MECP-GRT Comments	Comment Status	Outstanding Materials
Noise and Vibration	Comments attached.	

Industrial Wastewater	Comments attached.	
Groundwater	Comments sent Jun-28-2023.	
Surface Water	Comments sent Jun-22-2023.	
Regional Planner	Comments sent Jun-22-2023.	
Air and Pesticides	MECP request for additional documentation	Can you please send updated Figure 7-1 and Table 5-3 referenced as being found in the supporting documents.
Species at Risk	MECP request for additional documentation	The information submitted by Stelco in the attached (April 13, 2023 PDF) is not sufficient to screen for species at risk, nor is it considered an IGF. In our comments, the ministry requested a SAR screening, which is the step before an IGF. The attached letter also includes SARB's request for a SAR screening and the email would have included a guide in how to complete the screening. A SAR screening generally consists of field assessments and surveys as well as an assessment of the potential for SAR and SAR habitat. If during the SAR screening, a consultant/proponent determines that impacts to SAR or SAR habitat have the potential to occur, the consultant/proponent fills out the IGF with more details including activity details, SAR survey information and potential impacts. Please let me know if you need to discuss with our SARB staff.
Resource Recovery Policy	Comments sent Jun-22-2023.	
Source Protection	Comments, attached.	
Climate Change and Resiliency	Comments, attached.	
Indigenous Consultation	Comments, Attached.	
Project Officer	Comments, attached.	Note: see a new comment (#12) in the table for your attention.
Hamilton District Office	No comments	
Waste Approvals	No comments	
Ontario Parks	No comments	

From: Deneault, Stephen (MECP)

Sent: July-07-23 3:31 PM

To: Edmond, Trish <trish.edmond@wsp.com>

Subject: RE: Part 2 MECP EAS Comments - Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Trish,

Thank you for forwarding these along to me. I will follow up if we have questions.

Kind regards,
Stephen

Stephen Deneault (he/him) | Project Officer

Environmental Assessment Services | Environmental Assessment Branch

Ministry of the Environment, Conservation and Parks | 135 St. Clair Avenue West, Toronto, ON M4V 1P5

☎: 437-247-3443 | ✉: Stephen.Deneault@ontario.ca



KI

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Government Review Team

Proposal: Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke Draft Terms of Reference (ToR)

Proponent: Stelco

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP (CCRD – CCPB & ARB) Follow-up Responses July 7, 2023	Proponent Response (August 18, 2023)
5						
Ministry of the Environment, Conservation and Parks (MECP) Katie Zwick, Program Manager and Pam Lamba, Senior Advisor Climate Change Policy Branch and Adaptation and Resilience Branch						
1.	Vol. I, Page 50 (s. 7.5.7)	Pleased to see reference to Ontario's guide, Considering climate change in the environmental assessment process.	The referred-to guide sets out expectations for considering climate change in the preparation, execution and documentation of EA studies. Available at: https://www.ontario.ca/page/considering-climate-change-environmental-assessment-process and https://ero.ontario.ca/notice/012-5806	Acknowledged.	No further comment.	
2.	Vol.1, Page 50	"Consideration will also be given to...ways that the project could reduce GHG emissions or remove GHG from the atmosphere"	To demonstrate that GHGs have been factored into project planning, describe mitigation measures considered in project design in the EA. (See s. 3 of Ontario guide.)	Acknowledged. Section 7.5.7 of the ToR has been updated to note that mitigation measures available with respect to GHG will be considered during design.	No further comment.	
3.	Vol. 1, Page 50, s. 7.5.7	Includes proposal to assess performance in the case of a 250-year storm event for preferred alternative	Please include rationale for proposing using the 250-year storm event, including how the proposal takes climate change into account.	The 250-year storm event aligns with requirements of the City of London and some other Ontario municipalities to assess and consider climate change as it relates to stormwater management infrastructure. In review of Haldimand County documentation, it indicates that to ensure adequate flood plain management for climate change to consider the greater of Hurricane Hazel or the 100-year storm event. Section 7.5.7 of the ToR has been updated to align with the requirements of Haldimand County.	Change acknowledged regarding the 100-year storm. See follow-up response to comment #9 regarding climate data/information. Consider using the most up-to-date climate information/data to help project future climate conditions. You may also want to work with your local Conservation Authority to identify high-flood risk areas.	Acknowledged. See response to comment 9.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP (CCRD – CCPB & ARB) Follow-up Responses July 7, 2023	Proponent Response (August 18, 2023)
4.	Vol. 1, Page 50, s. 7.5.7	Indicates total GHG emissions will be compared to the Ontario GHG emissions totals.	In addition, to demonstrate that climate change has been factored into planning, it is helpful to compare the project's emissions to those of other similar facilities and compare the project's emissions with and without mitigation measures. (See section 3 of Ontario guide.)	The activities associated with the landfill expansion that will produce GHGs include the following: on-site transportation fuel combustion emissions and land clearing as part of the expansion. There are no landfill gas emissions as this type of steel making residual waste has no caloric value. Furthermore, there is only a handful of private landfills in Ontario generating similar steel making residual waste material. As such, it is not possible to compare project emissions to other similar facilities. No change to ToR proposed.	Please note this information in the draft EA.	Acknowledged. Section 7.5.7 has been updated to note the waste to be received is not municipal or containing a putrescible component and won't contain organic material to create landfill gas or GHG.
5.	Vol. 1, Table 7-3 Work Plans	Unclear that mitigation measures in respect of GHG emissions will be identified and considered.	Clarify that the air quality and GHG review will include consideration of climate change mitigation measures.	Acknowledged and Table 7-3 for the environmental sub-component air quality and GHG has been updated noting that the waste to be received at this landfill is not municipal or ICI and hence won't contain organic material to create landfill gas or GHG.	Please include the information about the nature of the waste in the discussion / assessment of GHGs section (7.5.7) and draft EA.	Acknowledged. See response to comment 4.
6.	Vol. 1, Table 7-3 Work Plans	Unclear that references to data sources for work plans include consideration of climate change.	Describe appropriateness of data to be used for the various components / sub-components given expected climate change over the relevant period for waste storage. (See section 4 of Ontario guide.)	Acknowledged and Table 7-3 has been updated where relevant to include data sources pertinent to climate change.	Acknowledged. Also, see follow-up response to comment #9 regarding climate data/information.	Acknowledged. See response to comment 9.
7.	Vol II, P. 5, s. 4.2.3	Estimated leachate generation rate includes references to 2010 work using a 1994 model, and notes that leachate generation rate could be significantly higher depending on circumstances.	Ensure leachate generation rate and other relevant estimates that affect project design are developed using assumptions that reflect forecast conditions related to climate change.	Note that Vol II contains an existing feasibility report describing that landfill expansion is a possible alternative for Stelco that predates the commencement of the EA in 2021 and therefore relied upon some existing data to make such assertions. The leachate generation rate needs to be re-evaluated during the EA as described in Section 7.5.6 and has been added to the groundwater component in Table 7-3. The groundwater component in Table 7-3 also has been updated to include relevant data sources pertinent to climate change.	Acknowledged. Also see follow-up response to comment #9 regarding climate data/information and MECP guidance on considering climate change in the environmental assessment process.	Acknowledged. See response to comment 9.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP (CCRD – CCPB & ARB) Follow-up Responses July 7, 2023	Proponent Response (August 18, 2023)
8.	Vol. II, P. 5, s. 5.2 (see also s. 6.0 statements on the same matters)	<ul style="list-style-type: none"> - Reference Lake Erie works managing treatment of the leachate - Reference to leachate containment system having service life of 100 years - Reference to “based on current understanding of site hydrogeological conditions” 	Describe plans to ensure treatment and containment over the long-term - until the waste would no longer pose a potential threat to the environment; considerations should include more detail on the capacity of Lake Erie works, completeness of understanding of site hydrogeological conditions (current and future), potential impacts associated with underperformance or failure, monitoring system, expectations / impacts regarding the proposed contingency measures, consideration of climate change with respect to these matters.	Note that Vol II contains an existing feasibility report describing that landfill expansion is a possible alternative for Stelco that predates the commencement of the EA in 2021 and therefore relied upon some existing data to make such assertions. Section 7.5.6 notes that the conveyance of the leachate to the treatment facility will be assessed and assessment of leachate generation rate and treatment ability have been added to the climate change Section 7.5.7. All of the additional comments are requirements of the Landfill Regulation 232/98 that is applicable to the proposed expansion and has been acknowledged in the groundwater component of Table 7-3; also, as mentioned above, climate change data sources have been added to this Section of the ToR.	Acknowledged. Also, see follow-up response to comment #9 regarding climate data/information and MECP guidance on considering climate change in the environmental assessment process.	Acknowledged. See response to comment 9.
9.	Vol I, Pg 50: Section 7.5.7: Step 7 Consideration of Climate Change & Proposed Consultation Section 9.0	There is mention of local/regional climate data. The proponent should identify the source of climate data and the climate projection that will be used. For data sources, consider using the regional/Ontario specific climate data and climate models including the Ontario Climate Data Portal (OCDP: www.ontarioccdp.ca) to support future climate change projections vs using historical data. Already mentioned in the draft ToR is “Ontario's Guide for Consideration of Climate Change in EA, (2017). The guide provides direction on	Vol I, Pg 50: Section 7.5.7: Step 7 Consideration of Climate Change & Proposed Consultation Section 9.0	It is our understanding that the Ontario Climate Data Portal is no longer active. As mentioned above, data sources pertaining to climate change have been added to Table 7-3 where appropriate including ClimateData.ca, Climate Atlas of Canada and Regional Perspective Report (Ontario Chapter). This data will be considered where appropriate, and it is noted that the Climate Atlas of Canada combines climate science, mapping, and storytelling together with Indigenous Knowledges and community-based research. The project team has been in regular contact with two of the three Indigenous Communities (the third has been unresponsive thus far) and will take an opportunity to discuss TEK with them during a future project update to understand if they have important climate data to share. Section 9.1 of the ToR has been updated.	Confirming the Ontario Climate Data Portal is still active and accessible. York University recently made changes to the Portal to improve the accessibility and ease of use for regional climate change projections. Improvements include: site maintenance, enhancements to data information and access, as well as, responding to inquiries. Using Federal climate data and information is an alternative as mentioned, but note the scale of information is different than the regional data accessed through the Ontario Climate Data Portal (if applicable). The ministry also promotes York	Acknowledged. The local Conservation Authority is a stakeholder in this project and was already identified as a data source with respect to surface water. The Ontario Climate Data Portal has been added to Table 7-3 for the air, groundwater and surface water sub-components as a data source. The project teams will look at all data sources identified in Table 7-3 and identify for this project what is most relevant and/or appropriate given the scale and location at the

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP (CCRD – CCPB & ARB) Follow-up Responses July 7, 2023	Proponent Response (August 18, 2023)
		<p>how you can consider climate change impacts as part of the EA process from both a mitigation and adaptation perspective.</p> <p>Consider adding mention of nature-based solutions / green infrastructure solutions as part of any mitigation measures needed to address identified climate impacts (including for any of the alternative approaches).</p> <p>You may want to elaborate on how the Project Team will be working with First Nations communities to identify climate impacts (through TEK, as appropriate and in collaboration with the Indigenous Communities i.e. workshops, survey, etc.). Note: Combining TEK with traditional western science may enhance any climate assessment when identifying climate impacts, which will be helpful in planning and decision making.</p>			<p>University's data in considering the impacts of climate change on a project through the environmental assessment process – Environmental Assessment Act.</p> <p>The ministry developed codes of practice (codes) to provide guidance on key aspects of the environmental assessment process, including an online guide (2017 – <u>“Considering climate change in the environmental assessment process”</u>) that sets out the ministry's expectations for considering climate change in the preparation, execution and documentation of environmental assessment studies and processes. The guide recommends and provides links to York University's climate data at Ontario Climate Data Portal.</p> <p>Specifically, the ministry's guide covers the consideration of:</p> <ul style="list-style-type: none"> - the impacts of a project on climate change - the impacts of climate change on a project - various means of identifying and minimizing negative impacts during project implementation 	<p>time of assessment.</p> <p>For this project, only the sub-component of surface water and SWMS could consider nature-based solutions or green infrastructure solutions. This has been added to Section 7.5.7 of the ToR. The project as a whole would not be solvable with a nature-based or green infrastructure solution.</p>

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP (CCRD – CCPB & ARB) Follow-up Responses July 7, 2023	Proponent Response (August 18, 2023)
					<p>No response was given from the proponent on the consideration of using nature-based solutions / green infrastructure solutions as part of any mitigation measures needed to address identified climate impacts (including for any of the alternative approaches).</p> <p>Acknowledged the process to consider TEK as an essential part of this project.</p>	

Government Review Team

Proposal: Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke Draft Terms of Reference (ToR)

Proponent: Stelco

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response	Ministry Response
12					
Ministry of the Environment, Conservation and Parks (MECP) J. Averill, a/Senior Advisor Environmental Assessment Branch					
1.		<p>Having read through the provided documents it would appear as though the consultation record is incomplete. It was noted that the project location fell within Treaty 3, within the traditional territory of the Mississaugas of the Credit and within the 1701 NanFan Treaty/Albany deed. Based on this information, 2 communities should be consulted on the project, Mississaugas of the Credit First Nations and Six Nations of the Grand River both Elected Council and Traditional Council (HCCC through HDI). While there appears to be a number of email exchanges and entries between MFCN and the proponent, there appears to be only one (1) entry (with the exception of the Aug 9, 2022 meeting) between the proponent and the Six Nations under the heading D4- Example Emails Sent (Nov. 15, 2021) which was not recorded elsewhere in the summary. All emails, calls, records should be included in the consultation summary as there appears to be a number of these missing. Additionally, both the elected and traditional (HCCC) were identified as potentially having an interest in the project, yet there are no entries or attempts to reach out to HCCC on the project as directed by the Ministry. There appears to be no reason nor rationale as to why HCCC was not engaged on the process.</p>		<p>Acknowledged. The consultation itself was not missed, but not all records of the times the team reached out to the three Indigenous Communities were documented in the ToR or Consultation Record. Attempts to reach the HCCC were made on numerous occasions but thus far they have not reciprocated invitations to talk.</p>	<p>The ministry has reviewed the additional correspondence provided by the proponent and should be updated in Appendix G, that will be appended to the final ToR.</p> <p>No further comment.</p>

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response	Ministry Response
2.		<p>The Draft ToR on pg. 11 lists a number of Appendices (A-G) with Indigenous Consultation listed as Appendix G. This appendix only contains the meeting minutes for the 2 meetings held, one with MCFN on Dec. 2, 2021 and the other on Aug 9, 2022 with Six Nations. One might expect upon opening this appendix for it to contain ALL records of Indigenous consultation (meeting notes, emails, phone calls, etc.); however as previously noted, these records are interspersed throughout the ToR under D4- E5. While it was noted that the appendices were broken down by event, or bulletin and that Indigenous community engagement was listed under these headings, these should all be located under the same heading/appendix and include ALL communities identified as having an interest or potential rights impacted by the project.</p>		<p>All contact with Indigenous communities has now been transferred to Volume III, Appendix G.</p>	<p>No further comment.</p>

Government Review Team

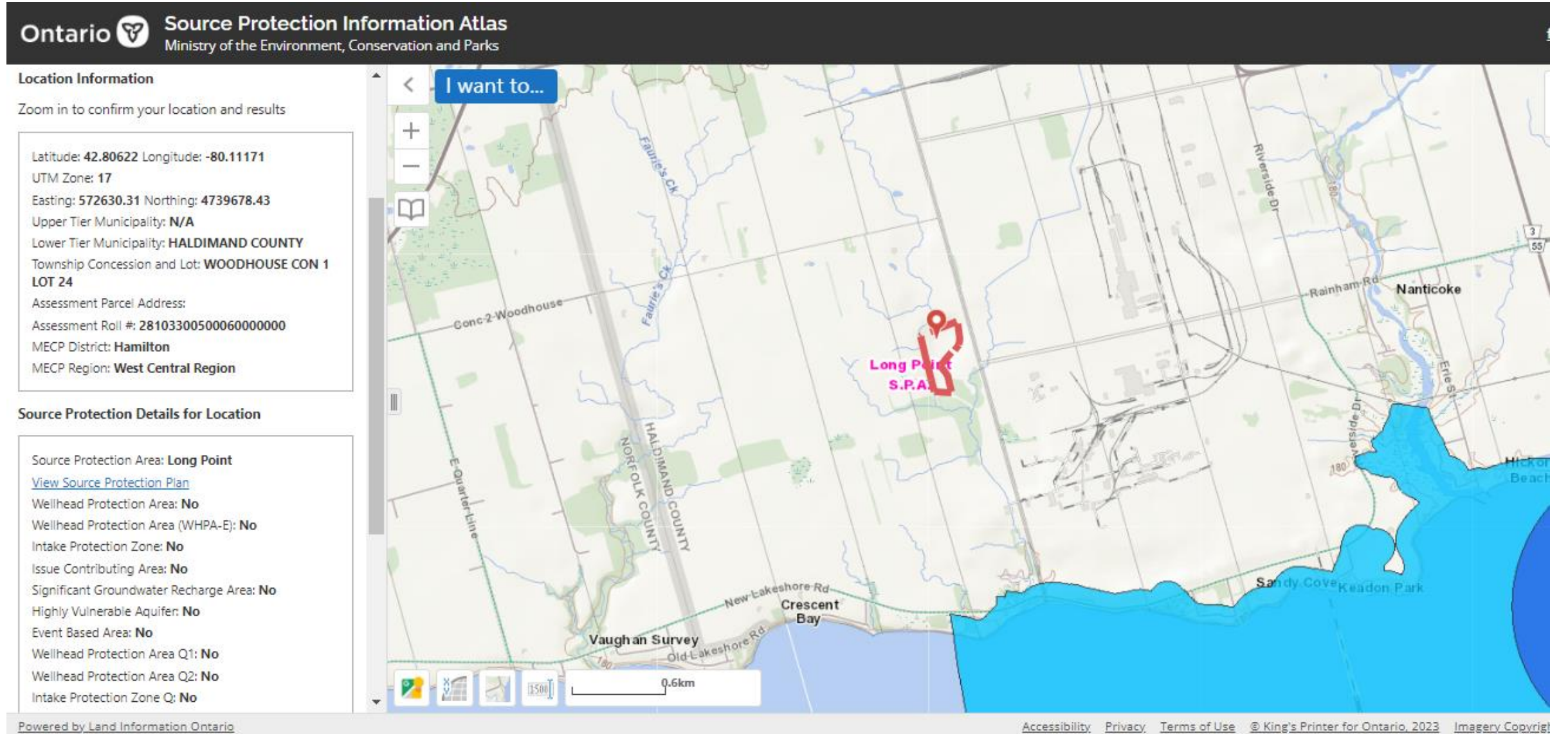
Proposal: Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke Draft Terms of Reference (ToR)

Proponent: Stelco

Comment #	Reference to EA	Reviewer Comments & Rationale (February 2, 2023)	Reviewer Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response (July 12, 2023)
4					
First Set of Comments (February 2, 2023)					
Ministry of the Environment, Conservation and Parks (MECP) Conor Gamelin, Program and Services Delivery Intern Conservation and Source Protection Branch					
Second Set of Comments (July 12, 2023)					
Ministry of the Environment, Conservation and Parks Michael Halder, Program Analyst Conservation and Source Protection Branch					
1.		<p>In the Proposed Terms of Reference for the Stelco quarry expansion, the proponent briefly discusses surface water in “Section 4.4: Surface water” and groundwater in “Section 4.3: Geology and Hydrogeology” but does not discuss drinking water source protection. Further, the proponent does not identify that the study area is within the Long Point Source Protection Area nor that the Long Point Region Source Protection Plan and its policies may apply to the project. The Proposed Terms of Reference document does not provide a general summary of activities related to quarry expansion that may pose a threat to sources of drinking water, such as the storage or handling of fuel, stormwater management facilities, or otherwise.</p>	<p>We recommend that the proponent plainly identify that the study area is within Long Point Source Protection Area, include a section discussing source protection, and identify whether any policies of the Long Point Region Source Protection Plan apply to this project.</p>	<p>The existing Quarry Landfill is located within the Long Point Region watershed as identified in the Long Point Region Source Protection Plan, and nearest to the Nanticoke Industrial Pump Station Intake within the Long Point Region watershed. The existing Quarry Landfill is not within the pumping station intake of the Nanticoke Industrial Pump Station nor the identified vulnerable areas. This information has been added to Section 4.3 of the ToR.</p>	<p>According to the Source Protection Information Atlas (SPIA) online mapping tool, the existing Quarry Landfill is situated within the Long Point Region Source Protection Area. The prescribed drinking water threat activities occurring within this site would therefore be governed by any of the applicable policies of the approved Long Point Region Source Protection Plan.</p> <p>As per the SPIA mapping tool, the Quarry Landfill site that is within Stelco’s current property boundaries is located outside of any source protection vulnerable areas including intake protection zones. See Map 1 below.</p> <p>Since the Quarry Landfill is located outside of any source protection vulnerable areas, neither the landfill itself nor any of its associated activities that may occur during the expansion, maintenance, and operation phases of the landfill are significant drinking water threats. Therefore, no policies governing significant drinking water threat activities from the Long Point Region Source Protection Plan would apply for the proposed expansion of the Quarry Landfill site.</p>

Comment #	Reference to EA	Reviewer Comments & Rationale (February 2, 2023)	Reviewer Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response (July 12, 2023)
2.		<p>The EA proponent should also determine if any other types of drinking water systems could be affected during the construction or operation of the project that is not explicitly addressed in source protection plans, such as private systems – individual or clusters, and designated facilities within the meaning of O. Reg. 170/03 under the Safe Drinking Water Act – i.e., camps, schools, health care facilities, seasonal users, etc. The proponent should also consult with the local source protection authority if they have not already done so.</p>		<p>Acknowledged. Groundwater data sources already noted in Table 7-3 should identify other drinking water systems in the area. No changes to ToR proposed.</p> <p>Long Point Conservation has been consulted as part of this EA and had no comments on the draft ToR.</p>	<p>The revised draft ToR briefly references the community of Nanticoke, that is to the east of the Stelco site, that relies on groundwater from drilled wells and cisterns for potable water supply, but it does not state if these other systems are private systems. And, while section 3.2 of the draft ToR outlines the construction and operational components of the landfill expansion project, the ToR does not explicitly acknowledge whether these activities may affect other types of drinking water systems.</p> <p>We encourage the proponent to continue engaging with the local source protection authority, Long Point Region Source Protection Authority.</p>

Map 1. Approximate location of Stelco Quarry Landfill Expansion Site in Nanticoke, Ontario. The Source Protection Information Atlas map below shows that the proposed landfill expansion site does not intersect with any source protection vulnerable areas within the Long Point Region Source Protection Area.



Government Review Team

Proposal: Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke Draft Terms of Reference (ToR)

Proponent: Stelco

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response	Proponent Response (August 18, 2023)
7						
Ministry of the Environment, Conservation and Parks (MECP) Husein Awad, M.Sc., P.Geo., Hydrogeologist West Central Region						
1.		The geology and hydrogeology work plan to assess the environmental impact of the proposed alternative is generally acceptable. However, more details would be required prior to undertaking investigations.		Section 7.6, Table 7-3 of the ToR outlines the geology and hydrogeology work plan and notes that limited field work / "investigations" are required for this proposed expansion and are proposed to consist of: completing new leachability testing of waste materials; reviewing results of existing groundwater monitoring program; and limited additional field work in the form of drilling in the location of possible expansion for geological and hydrogeological testing. This field work is likely to be a day or two to confirm site geology and hydrogeology in the area of proposed expansion. It is unclear what additional details are required. No changes to ToR proposed.	This response is acceptable. However, the geology and hydrogeology work plan should include installation of new monitoring wells and updating the existing groundwater monitoring program if warranted.	Acknowledged. Section 7.6, Table 7-3 has been updated to include that updates to the groundwater monitoring locations (install new monitoring wells) and program will be completed, if required.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response	Proponent Response (August 18, 2023)
2.		<p>Following are recommendations that may be considered in undertaking of the proposed geology and hydrogeology work plan:</p> <ul style="list-style-type: none"> • the site conceptual model should include hydrogeologic cross-section. • discussion on the potential failure of the proposed engineered liner system and potential groundwater mitigation measures in case that occurred. • developing a predictive groundwater model to simulate flow patterns and leachate fate and transport. 		<p>Section 7.6, Table 7-3 acknowledges that predictive modelling will follow the requirements of Regulation 232/98 that includes in Section 10. (3) 4. the requirement to examine the effect of the failure of any engineered facilities when their service lives are reached. Regulation 232/98 also requires report preparation and the ToR has been updated to note this will include hydrogeologic cross-section(s).</p>	<p>This response is acceptable.</p>	

Government Review Team

Proposal: Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke Draft Terms of Reference (ToR)

Proponent: Stelco

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response
3					
Ministry of the Environment, Conservation and Parks (MECP) Khalid Hussain - Senior Engineer, Industrial and Private Wastewater Environmental Permission Branch					
1.		<p>Industrial and Private Wastewater Unit is responsible to approve sewage works for the industrial facilities. Our comments on the Environmental Assessment are limited to the sewage treatment works.</p> <p>The leachate generated from the proposed expansion landfill site is proposed to be conveyed to the Lake Erie Works Facility (LEWF) for treatment. It is recommended that the environmental assessment should review and confirm that LEWF has adequate treatment process and the capacity to treat the additional leachate that will be sent to it. The proponents should assess the quality and quantity of leachate to be generated by the proposed landfill site/expansion, and complete a design review of the LEWF sewage treatment plant in order to ensure that the leachate is treated consistently and reliably, and that there are no negative impacts to the receiving environment.</p>		<p>Acknowledged. The quantity and quality of leachate from the landfill expansion will be evaluated and the ability of the existing LEWF leachate treatment facility to manage this wastewater will be assessed in the EA. Section 7.5.6 of the ToR has been updated to describe this assessment.</p>	<p>Satisfied.</p>

Government Review Team

Proposal: Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke Draft Terms of Reference (ToR)

Proponent: Stelco

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response
2					
Ministry of the Environment, Conservation and Parks (MECP)					
Anthony Martella, Senior Noise Engineer					
Environmental Permission Branch					
		The following noise study items should be considered when preparing the Environmental Assessment for the above noted landfill expansion:			
1.		Noise Limits: shall comply with the MECP sound level limits in: a. Noise Guidelines for Landfill Sites, October 1998; b. Publication NPC-115, "Construction Equipment"; c. Publication NPC-118, "Motorized Conveyances"; and d. Publication NPC-300, "Environmental Noise Guideline, Stationary and Transportation Sources – Approval and Planning, Publication NPC-300", August, 2013.		Acknowledged. No changes to ToR proposed, Table 7-3 states that results will be compared to MECP noise guidelines.	No further comment.
2.		Noise Report: shall be prepared in accordance with: a. Publication NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound", October, 1995 as amended; and b. "Basic Comprehensive Certificates of Approval (Air), User Guide, Appendix A - Supporting Information for an Acoustic Assessment Report or Vibration Assessment Report Required by a Basic Comprehensive CofA" prepared by the Environmental Assessment and Approvals Branch, Version 2.1, March, 2011.		Acknowledged. No changes to ToR proposed. Noise reporting will be documented within the body of the EA report.	No further comment.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response
3.		Please ensure that noise impacts are assessed at all existing and future (vacant lot) points of reception surrounding the landfill site in all cardinal directions.		Acknowledged. No changes to ToR proposed.	No further comment.
4.		Please include detailed discussions of any relevant noise considerations for the landfill expansion alternatives ("Alternative Methods") selection.		Acknowledged. Noise will be discussed for the landfill expansion alternatives selection as indicated in Table 7-3 of the ToR. No changes to ToR proposed.	No further comment.
5.		Actual sound level measurements of equipment (or same model, etc.) that may be already available are preferred over the use of database values.		Acknowledged. No changes to ToR proposed.	No further comment.
6.		Please ensure that "Cumulative Effects" of noise are assessed if there is other equipment on or adjacent to the site operated by the proponent or for transfer of materials.		Acknowledged. Section 7.6, Table 7-3 has been updated to note that the whole Stelco site operations will be considered.	No further comment.

Government Review Team

Proposal: Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke Draft Terms of Reference (ToR)

Proponent: Stelco

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response
10					
Ministry of the Environment, Conservation and Parks (MECP) Joan Del Villar Cuicas, Regional Environmental Planner Project Review Unit, Environmental Assessment Branch					
1.		The proposal is an expansion of an existing landfill that has been in operation for decades. It is reasonable that the landfill expansion expected to have similar effects on sensitive existing off-site receptors as current landfill site.		Acknowledged and agreed, noting that existing effects from landfill operation are not documented on sensitive existing off-site receptors.	Satisfied. No additional action recommended.
2.		The draft ToR identified that the current site is designated in an area for Major Industrial and already designed for waste disposal. A number of data sources (i.e. Provincial Policy Statement (2020), Haldimand County Official Plan, MECP D-1 Land Use and Compatibility and D-4 Land Use on or Near Landfills and Dump Guideline) will be reviewed in order to assess the impact of the proposed landfill expansion on existing or known future land use within the site study area		Acknowledged.	Satisfied. No additional action recommended.
3.		The draft ToR noted that the EA will address the requirements of The MECP guideline D4 Land Use On or Near Landfills and Dumps to consider that 500 metres as an influence area within which an assessment of impacts for any existing or proposed sensitive land uses is required. The proponent should ensure that all applicable D-series guidelines are considered in the scope of the EA, be considered as an influence area requiring, including guidelines D-1, D-1-1, D-1-2 and D-1-3, as well as D-4, D-4-1, D-4-2, and D-4-3		Acknowledged. Section 7.6, Table 7-3 of the ToR has been updated to add these other D-series guidelines to consider.	Satisfied. No additional action recommended.

Government Review Team

Proposal: Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke Draft Terms of Reference (ToR)

Proponent: Stelco

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response	Proponent Response (July 31, 2023)	MECP Response
11							
Ministry of the Environment, Conservation and Parks (MECP) Stephen Deneault, Officer Environmental Assessment Branch							
1.	Page xi	List of Acronyms Note that the Ministry of Heritage, Sport, Tourism and Cultural Industries (MHSTCI) is now referred to as the Ministry of Citizenship and Multiculturalism (MCM).	Revise the list of acronyms, and all references to MHSTCI in the draft ToR, and change to MCM.	Acknowledged. Changes requested have been made.	Satisfied.		
2.	Section 7.1, page 41	Editorial Comment Where it reads: <i>"It is proposed that the EA work will be undertaken in a series of seven steps (further details are provided in Section 7.6) as follows:"</i> Is this supposed to reference Section 7.5 instead?	Review the reference to section 7.5 and 7.6 and update accordingly.	Acknowledged. Changes requested have been made.	Satisfied.		
3.	Executive summary, page i	Description of the Existing Quarry Landfill Where it reads: <i>"The existing Quarry Landfill is situated in a 5.5 hectare (ha), 34 metre (m) deep former limestone quarry at the west end of the LEWF. The landfill boundary corresponds to the vertical rock wall of the former quarry..."</i> The description should be detailed and in plain language. Can an alternative word for "corresponds" be used when describing the existing site? More detail is requested in this section.	Revise the description of the existing site.	Acknowledged, an alternative word to "corresponds" has been provided and some additional language for the layperson has been provided.	Satisfied.		

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response	Proponent Response (July 31, 2023)	MECP Response
4.	Executive summary, page v And; Section 2.3, page 7	<p>References to Consultation Plan vs. Record of Consultation Where it reads: <i>“The ToR describes the draft Consultation Plan prepared and undertaken by Stelco for the development of this ToR, as well as the program proposed for the subsequent EA process.”</i> And; <i>“Section 8.0 presents the consultation plan for developing this ToR including results of consultation undertaken to date.”</i> When referring to the past consultation that took place during the preparation of the ToR, ‘Record of Consultation’ should be the term used. The ‘Consultation Plan’ should refer to the future consultation that will take place during the preparation of the EA. Please refer to the <i>ToR Code of Practice</i> Sections 5.2.9 and 5.3.1 when defining the Consultation vs. the Record of Consultation in the ToR to avoid confusion.</p>	Revise these sections and the ToR with consistent terms for the Consultation Plan and Record of Consultation.	Understood. Please note that following Notice of Commencement of this ToR the MECP Officer at the EA Branch assigned to this file at that time requested a “Consultation Plan” for the ToR and EA that would be a living document and it was included in Volume III, Appendix A of the draft ToR. It was reviewed by the MECP shortly following Notice of Commencement of the ToR and all requested edits made. It is acknowledged that the title of that document and language used around that document may be confusing as it relates to the ToR Code of Practice. The sections of the ToR with reference to Consultation Plan and Record of Consultation have been updated to align with the Code of Practice and not with direction earlier provided by the MECP.	Agree with approach that was used, the point of comment was to increase clarity in the final ToR that any consultation plan documented for the preparation of the ToR should be referred to as the record of consultation so that the consultation plan for the future EA is not confused. No further comment.		

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response	Proponent Response (July 31, 2023)	MECP Response
5.	Executive summary, page v And; Section 9, page 73	<p>Referring to a Minister's Decision Where it reads: <i>"The Draft EA will be circulated for a seven week public comment period prior to finalization and submission to the MECP for approval. In addition, consultation specific to individual Indigenous Communities will also be carried out."</i> And; <i>"Following approval of this ToR and during preparation of the EA, a consultation program will be continued to engage the public, businesses, the GRT, Indigenous Communities, as well the CLC interested during the EA process. Input will be obtained through a number of engagement activities, as proposed below. In addition to the engagement activities described below, consultation specific to individual Indigenous Communities will also be carried out. These additional activities are described in Section 9.1. The results of the engagement program conducted by Stelco during preparation of the EA will be presented in the EA Report."</i> A Minister's approval on the ToR should not be presupposed. Alternative text should read: <i>"Following the Minister of the Environment, Conservation and Parks' decision on the ToR"</i>.</p>	Revise the sections in the ToR to not assume the Minister's approval of the ToR and/or EA.	Acknowledged. Changes requested have been made.	Satisfied.		

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response	Proponent Response (July 31, 2023)	MECP Response
6.	Executive summary, page v And; Section 11, page 76	<p>EA Schedule Where it reads: <i>“Following circulation of the draft ToR for comments, the proposed ToR is subject to a 30-day comment period that will be followed by the Minister’s decision. With submission of the proposed ToR in 2022, the Minister’s decision is anticipated in early to mid 2023. The EA studies will be carried out following ToR approval and then the draft and final EA will be submitted for the Minister’s approval. Processes to obtain the other approvals required to implement the EA Study will proceed after EA approval”</i></p> <p>A Minister’s approval on the ToR should not be presupposed. The dates listed also appear outdated. The EA Schedule in the Executive Summary and Section 11 of the draft ToR should mention that a Minister’s decision would occur 12-weeks after the start of the 30-day review period. Please refer to the <i>Environmental Assessment Act</i>, Subsection 6(6) and the <i>ToR Code of Practice</i>, Section 8.1 when describing the Minister’s decision in the EA Schedule sections of the ToR.</p>	Revise these sections of the ToR	Acknowledged. Changes requested have been made.	Satisfied.		

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response	Proponent Response (July 31, 2023)	MECP Response
7.	Section 8.1.5, pages 71-72 And; Appendix G of Volume III	Consultation with Haudenosaunee Confederacy Chiefs Council (HCCC) Indigenous consultation seems to be incomplete as there appears to be a number of missing records, including any record of engagement (or attempted engagement with) HCCC. Please refer to the <i>ToR Code of Practice</i> , Section 5.3.1 regarding record of consultation requirements, and the detailed set of comments provided by MECP in the memo sent to Stelco on February 16th, 2023, and also the January 19, 2022 ministry letter that delegated the procedural aspects of Indigenous consultation to Stelco for this project.	Update Indigenous Consultation sections to include a record of consultation with HCCC.	The project team has reached out to HCCC in many ways (email and phone) on many occasions, but the HCCC has yet to engagement with the project team regarding this proposal. The ToR has been updated to document the attempted consultation with the HCCC.	Please ensure Appendix G is updated with points of contact with HCCC. No further comment.	Acknowledged.	
8.	Section 9, page 73, And; Section 5.2, page 4 of Volume III.	Issues Resolution Strategy Where it reads: <i>"During the EA there may be issues raised or disputes during preparation of the EA that may be difficult to resolve. Stelco will attempt to resolve all issues or disputes to reach a resolution that is amenable, recognizing that interests of multiple stakeholders and/or regulations may sometimes dictate a resolution that may not be desirable to all parties. In the event that a mutually agreeable resolution is not achieved, the matter will be referred to the MECP for guidance."</i> And; <i>"Throughout the EA process, Stelco will solicit feedback and information from the local community, GRT and Indigenous communities about the proposed Quarry Landfill Expansion. Issues identified will be reviewed by Stelco and Golder and a reasonable effort will be made to respond to concerns raised throughout the planning process. Stelco and Golder will attempt to resolve all issues or disputes to reach a</i>	Update Issues Resolution Strategy	As mentioned previously, following Notice of Commencement of this ToR the MECP Officer at the EA Branch assigned to this file at that time requested a "Consultation Plan" for the ToR and EA that would be a living document and it was included in Volume III, Appendix A of the draft ToR (Section 5.2, page 4). It was reviewed by the MECP shortly following Notice of Commencement of the ToR and all requested edits made. Furthermore, aside from being already accepted by the MECP for this project, the same issues resolution strategy has been used in several similar ToRs and EAs in the last five years. The exact mechanism of the issues	Process to resolve issues with MECP assistance is understood, but how will Stelco receive and review issues? Much of section 9 is about the touch points for Stelco to present their findings. Will there be a community relations email available at all stages of the EA process to solicit feedback and concerns? Will Stelco attempt to schedule individual meetings with individuals or groups who raise concerns? What are the tools of communication being used by the proponent? This information should be clear for the public and Indigenous communities in the draft ToR.	Additional details have been added to Section 9 to provide some more clarity on how the public will be engaged and how their feedback will be used. As every EA is different and amount of public participation is different it is not possible to be specific with regard to exact tools to be used, just that options are available if they are necessary.	No further comment.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response	Proponent Response (July 31, 2023)	MECP Response
		<p><i>resolution that is amenable, recognizing that interests of multiple stakeholders, rights holders and/or regulations may sometimes dictate a resolution that may not be desirable to all parties. When a mutually agreeable resolution cannot be achieved, the matter will be referred to the MECP for guidance.</i></p> <p>It is unclear how issues will be resolved (i.e., what methods of engagement will be used, at what stage, etc.). Please provide more details on the Issues Resolution Strategy and how the MECP plays a role in issues resolution, as it is the ministry's expectation that the proponent resolves issues prior to submission of the final ToR for a Minister's decision.</p>		<p>resolution strategy will depend on what the issue is and who is involved and hence it is not possible to be any more specific at this time.</p> <p>It is noted that the MECP is not being requested to resolve issues, merely to provide guidance when a mutually agreeable resolution cannot be achieved. Section 3.5 of the Code of Practice for Preparing and Reviewing Terms of References notes it is the MECP's role to "Encourage and facilitate the resolution of outstanding issues during the process as necessary". It is agreed and acknowledged that the MECP expects that the proponent will resolve issues prior to submission of the final ToR for a Minister's decision and this has been added to Section 9 and Volume III, Appendix A, Section 5.2.</p>			
9.	Section 12.1, pages 77-78, table 12-1	<p>Table of Commitments</p> <p>Reminder that the list of commitments should include any commitments made to stakeholders, Indigenous communities, and the public during the preparation of the ToR.</p>	Review to ensure all commitments made during consultation are included in the final list of commitments.	Acknowledge and no changes required.	No further comment.		

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response	Proponent Response (July 31, 2023)	MECP Response
10.	Section 2.4, page 7 And; Section 5.2, pages 21-23 And; Section 5.3, pages 24-28	<p>Range of Alternatives and Preliminary Screening of 'Alternatives to' (Focused ToR)</p> <p>A "preliminary screening process" is referenced in the Executive Summary, page iii and Section 6.96.0, page 39. Section 2.4 mentions that Section 5 includes the pre-screening assessment of alternatives. Section 5.2 sets out a broad list of criteria developed for comparative evaluation of alternatives to (natural social, economic, cultural, built environment), and at a high level, some rationale is provided for why alternatives 3, 4, and 5 were screened out by Stelco in Section 5.3, pages 24-28. When appropriate, proponents may conduct an initial screening of alternatives before or at the ToR stage; however, as stated in the <i>ToR Codes of Practice</i>, screening criteria must include consideration of key environmental factors such as potential impacts to the natural environment, potential cultural and socio-economic impacts, and impacts to Aboriginal and Treaty rights. Consultation on scoping should be carried out, and detailed screening results should be included in supporting documentation (with results summarized in the ToR documents). The screenings described in Section 5.3 of the draft ToR do not provide enough detail or supporting information to determine whether key environmental factors were adequately considered. It is also unclear how the results of consultation were considered in Stelco's decision making process.</p>	<p>Additional detail is required and supporting documents should be included to support any screening or focusing of alternatives in the ToR.</p> <p>It should also be clearer in Section 5.3 and the Executive Summary that alternatives 3-5 will not be carried forward into the EA.</p>	<p>Acknowledged, as discussed during a project update call held on April 3, 2023, the use of the terminology "preliminary screening process" was not the best choice of words. A feasibility assessment was completed to assess if the 'Alternatives To' were within the proponent's ability to implement. Appropriate Sections of the ToR have been updated as suggested. The preliminary screening of the remaining 'Alternatives To' has been described in Volume II, Supporting Document #2 and a summary updated in Section 5.4 of the ToR.</p>	<p>Please share Volume II Supporting Documents.</p> <p>No further comment.</p>		

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response	Proponent Response (July 31, 2023)	MECP Response
11.	Section 7.4, page 48	<p>Time Frames Where it reads: <i>“As noted previously, the Quarry Landfill is expected to reach capacity during 2023. While pursuing landfill expansion approvals, the LEWF will need to minimize waste production and send waste materials off-site for disposal at an alternate location for a period of time. Assuming that the necessary approvals and construction will take an additional three years and the desired 15 to 25 operating period the time frames are suggested as:</i></p> <ul style="list-style-type: none"> • operations (2026 to 2041 or 2051) • post-closure (beyond 2041 or 2051) <p><i>Landfilling operation activities will occur throughout the expanded life of the Quarry Landfill (i.e., about 15 to 25 more years from 2026 to 2041 or 2051). Leachate collection and treatment, and site performance monitoring and maintenance activities, will also be ongoing throughout this time frame. During the post-closure period (i.e., beyond 2041 or 2051), the only activities”</i></p> <p>More detail should be provided on what Stelco plans to do to manage waste from when the current landfill reaches capacity in 2023 to the anticipated start of operations in 2026. How will Stelco manage this situation for 3 years? How will Stelco manage and mitigate effects in the meantime before an EA is approved? Will interim approvals be sought? If pursued, how would any requests for interim capacity increases through an ECA amendment impact the final waste volumes being requested in the final EA? These questions should be addressed in the draft ToR to increase clarity and transparency.</p>	Provide more details on interim measures to manage waste after capacity is reached in 2023.	Acknowledged. Additional details were provided in Section 1.0 and 7.4, noting that Stelco cannot disclose exact disposal details off-site to protect sensitive competitive information but that a licensed disposal facility will be used for disposal while pursuing approvals. Also, Stelco has submitted an ECA application for limited vertical expansion of the existing landfill (40,000 m ³). This volume will be included and considered in this EA as part of the expansion.	Satisfied.		

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response	Proponent Response (July 31, 2023)	MECP Response
NEW #12	Section 9.0, page 86 of revised draft ToR				<p>Proposed Consultation Plan for EA</p> <p>Where the bullet for "Circulation of Draft EA" was edited to reduce the draft EA review period from seven to four weeks: Although there is no <i>Environmental Assessment Act</i> requirement for proponents to allow review of a draft EA, the <i>EA Codes of Practice</i> recommends that proponents provide a minimum of five weeks for inspection of the draft document to government reviewers, Indigenous communities, and the public.</p> <p>And;</p> <p>Where the bullet for "Circulation of Final EA" says "MECP's Review Report": This document should be referred to as the "Ministry Review".</p>	Acknowledged and suggested updates made.	No further comment.

Government Review Team

Proposal: Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke Draft Terms of Reference (ToR)

Proponent: Stelco

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response
9					
Ministry of the Environment, Conservation and Parks (MECP) Dale Gable, Manager – Technology Projects Resource Recovery Policy Branch					
1.		RRPB does not have any comments related to waste diversion at this time. Stelco has indicated that as part of the overall operations, they have diverted a significant amount of waste. The purpose of the landfill is to address a disposal need for waste that can not be diverted		Acknowledged.	Satisfied.
2.		Stelco will continue to look for opportunities to divert waste from final disposal to increase their diversion percentage.		Acknowledged.	Satisfied.

Government Review Team

Proposal: Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke Draft Terms of Reference (ToR)

Proponent: Stelco

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response
6					
Ministry of the Environment, Conservation and Parks (MECP) Michael Spencer, Surface Water Group Leader Technical Support Section					
1.		In Section 10.2 Ontario Water Resources Act contained in Volume I, the report identified that an Environmental Compliance Approval is expected for stormwater management works associated with the landfill expansion. It should also be identified in this section that there is a possibility that current Environmental Compliance Approval No. 1547-CB2RL4 for the Stelco wastewater treatment facility, that currently treats leachate from the existing Quarry Landfill, may have to be amended. That being said, Table 12-1 List of ToR Commitments in Section 12.1 Commitments did identify that the capability of the Stelco wastewater treatment facility to treat leachate from the landfill expansion will be evaluated in the Environmental Assessment study report		Acknowledged. Section 10.2 has been updated to note an amendment to ECA 1547-CB2RL4 could be required.	Satisfied.

Government Review Team

Proposal: Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke Draft Terms of Reference (ToR)

Proponent: Stelco

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response
8					
Ministry of the Environment, Conservation and Parks (MECP) Tarryn Adam, A/Management Biologist SAR Branch					
1.		Due to the presence of SAR and SAR habitat within the vicinity of the project footprint, MECP recommends that a preliminary screening be completed as per the attached guide for both terrestrial and aquatic SAR and SAR habitat. Once submitted, the ministry can provide advice and guidance regarding potential species at risk or habitat concerns, measures that the proponent is considering to avoid adverse effects and whether additional field surveys are advisable.		Acknowledged. As this is the ToR stage there is no field data as of yet. As of April 2023, the results of a <u>desktop</u> SAR screening have been submitted to the MECP for comment. Once field studies are completed <u>during the EA</u> the proponent will submit the findings of the preliminary screening for SAR in an Information Gathering Form, to receive ministry advice and guidance. Section 10.5 has been updated with a note to complete the Information Gathering Form if SAR species or habitat is found and cannot be avoided.	No further comment.
2.		It should be noted in Section 10- Other Regulatory Approvals that a permit may be required under the Endangered Species Act, 2007.		Acknowledged, Section 10 has been updated with Endangered Species Act.	No further comment.

Government Review Team

Proposal: Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke Draft Terms of Reference (ToR)

Proponent: Stelco

Comment #	Reference to EA	Reviewer Comments & Rationale	Review Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response
1*					
Ministry of the Environment, Conservation and Parks (MECP) Abigail Amponsah, Air Quality Analyst Technical Support Section, West Central Region					
1.	Acronyms	Ensure all acronyms in document are defined here. (e.g., include LEWF, HWF)		Acknowledged. A word macro was run to identify and capture all acronyms in the ToR and include them in the Acronyms listing.	No further comments.
2.	Glossary of Terms - ECA	May be useful to reiterate here that it was previously referred to as a CofA.		Acknowledged and Glossary of Terms updated in the ToR.	No further comments.
3.	1.0 Introduction, pg. 1	What happens in the meantime before EA is approved? (This is partially answered in Section 7.4 but need more details).		Acknowledged. Additional details were provided in Section 1.0 and 7.4 noting that Stelco cannot disclose exact disposal details off-site to protect sensitive competitive information but that a licensed disposal facility will be used for disposal while pursuing approvals.	No further comments.
4.	Section 3.1, pg. 10	Spelling error – HFW vs HWF		Sentence has been deleted from the ToR.	No further comments.
5.	Section 4.2, pg. 12	Sources of emissions are mentioned but it would be good to include existing types of emissions (e.g., dust/particulates).		Updated. The main type of compounds contributing to air emissions for this type of waste disposal has been added to Section 4.2.	No further comments.

Comment #	Reference to EA	Reviewer Comments & Rationale	Review Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response
6.	Section 4.9.1, pg. 18	Will the new Nanticoke Community Development proposed in 2022 be considered? (See Map)		Section 4.0 of the Terms of Reference is a description of the existing conditions environment; the Nanticoke Community Development is not approved and therefore not part of the existing conditions. At this time, it is only appropriate to consider the Nanticoke Community Development in the overall EA Cumulative Impact Assessment for this proposal, noting that it is a known but not approved possible project. Section 7.5.8 of the ToR has been updated to mention the Nanticoke Community Development.	No further comments.
7.	Section 5.3.4, pg. 26	EFW was given as an example of alternatives considered. What other alternatives were considered?		As noted in Section 5.3.4, Stelco evaluated the potential to use an alternative waste management technology such as an energy from waste facility, noting that the proposed waste for disposal has no caloric value. Language within Section 5.3.4 that used "such as" has been updated to "i.e." to be clear there is no other alternative waste management technology being considered. Section 5.3.4 has also been updated to include language more in alignment with the Code of Practice for Terms of Reference.	It is understood that EFW is the only alternative waste management technology considered. Is that because there are no other technologies available? Have other technologies been proposed but are only currently available conceptually with no real-world full-scale examples? Was a jurisdictional review completed and EFW confirmed to be the best available alternative technology? It would be good to have an explanation as to why only EFW was considered.
8.	Table 5-3, pg. 29, Effects on Air Quality	Increased traffic from hauling waste from HWF should be considered as well as any construction impacts. Both these activities would have the potential to increase dust levels.		Hauling waste from HWF has been removed from the proposal in the final ToR and no waste will be coming from the HWF facility to the LEWF. As such, the proposed change to the ToR was not needed.	It is acknowledged that the hauling of waste from HWF is no longer relevant. However, as noted in Table 7.2, "Construction activities associated with landfill expansion and continued landfill operation can lead to levels of particulates (dust) in the air." The potential for increased dust levels during construction activities should be included in Table 5-3 under Alternative 2.

Comment #	Reference to EA	Reviewer Comments & Rationale	Review Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response
9.	Table 5-3, pg. 29, Effects on Noise	Construction impacts should be considered.		Noise from construction of the landfill has been added to Table 5-3 in the ToR as a consideration.	No further comments.
10.	Table 5-3, pg. 33, Effects on Sensitive Receptors	Increased traffic from hauling waste from HWF should be considered as well as any construction impacts.		Hauling waste from HWF has been removed from the proposal in the final ToR and no waste will be coming from the HWF facility to the LEWF. As such, the proposed change to the ToR was not needed.	The landfill expansion will still include construction activities that will have the potential to temporarily increase noise and dust impacts. The effect of this on sensitive receptors should be included in Table 5-3.
11.	Table 5-5, pg. 37	Include traffic from HFW waste hauling and potential construction impacts in disadvantages.		Hauling waste from HWF has been removed from the proposal in the final ToR and no waste will be coming from the HWF facility to the LEWF. As such, the proposed change to the ToR was not needed.	The landfill expansion will still include construction activities that will have the potential to temporarily increase noise and dust impacts. These impacts should be captured in the disadvantages column of Table 5-5 (Table 5-4 in the updated track changes document).
12.	Table 7-1, pg. 42, Atmosphere	Given the large size of the property, the location of sensitive receptors, and the potential for cumulative impacts from nearby sources, it may be appropriate to include Wider Study Area in the list of areas to be studied.		This is an environmental assessment of the landfill expansion, not all operations at Stelco and the Site-vicinity study area for the atmosphere environmental component has already been set at 2.5 km from the landfill to ensure capture of the closest sensitive receptor. Note the Wider Study Area is defined as the area beyond each environmental component's Site-vicinity Study Area. If during impact assessment the requirements for air emissions and noise cannot be met within the Site-vicinity Study Area (unlikely given the size, location and type of landfill) the area will be expanded.	In the original Figure 7-1 the site-vicinity boundary was set at 500 m. However, since the figure has now been edited to note that "not all environmental components will be using a 500 m Site-vicinity Study Area", the 2.5 km distance to the nearest sensitive receptor is now captured in the "site-vicinity" study area and adding "wider study area" is no longer needed. No further comments.
13.	Figure 7-1	Consider adding a note that site vicinity boundary will be larger for some environmental components.		Figure 7-1 shows the 500 m Site-vicinity Study Area and a note has been added that not all environmental components will be using a 500 m Site-vicinity Study Area.	No further comments.

Comment #	Reference to EA	Reviewer Comments & Rationale	Review Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response
14.	Table 7-2, pg. 46, Air Quality and GHG, Indicator(s)	Expected cumulative impacts to community? (e.g., overall increase in particulate emissions from site and surrounding sources)		Table 7-2 outlines indicators specific to the project (the landfill expansion) and hence it isn't appropriate to discuss cumulative impacts here. In Table 7-3, the air quality indicator has been updated to clearly indicate the expected maximum landfill expansion and maximum landfill expansion plus existing background concentrations of air quality indicator parameters are to be estimated. This section was also updated to note these will be compared to Stelco site operations effects and applicable criteria.	As noted in Section 7.5.8, cumulative impact assessments must also include consideration of probable projects in the area. This aspect of the cumulative impact assessment is not reflected in the Table 7-3 workplan.
15.	Table 7-2, pg. 46, Noise, Rationale	Construction impacts?		Landfill expansion is "construction" and already included in the rationale for including an assessment of noise.	<p>It would still be useful to distinguish between noise from the normal operation of the expanded landfill area and interim construction noise impacts.</p> <p>Perhaps consideration could be given to updating the wording as follows:</p> <p>"Landfill expansion and associated <i>construction</i> and operations will generate noise that will be emitted into the atmosphere and could impact neighboring sensitive receptors."</p>

Comment #	Reference to EA	Reviewer Comments & Rationale	Review Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response
16.	Table 7-2, pg. 47, Local Economy, Rationale	Will impact to new Nanticoke Community Development proposed in 2022 be considered?		No, the impact to the new Nanticoke Community Development proposed will not be considered in the EA scope of work that is the comparison of 'Alternative Methods' and prediction of potential effects for the preferred 'Alternative Method' because the Nanticoke Community Development is only a proposal at this time and is a long way (many years) from reaching any approved status, if it does ever. However, the Nanticoke Community Development proposal will be considered in the overall project cumulative impact assessment as has been added in Section 7.5.8 of the ToR.	No further comments.

Comment #	Reference to EA	Reviewer Comments & Rationale	Review Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response
17.	Section 7.4, pg. 48	<p>Would like more details on this plan. What is the alternate location? The plan for the waste prior to the approval seems similar to Alternative 1. Looks like for the next three years the cons associated with Alternative 1 will still be a factor for the preferred alternative since this alternative will take a while to implement. Perhaps this should be considered in the alternatives evaluation. Or at the very least it should be acknowledged and noted that pros and cons are based on impacts after 2026.</p>		<p>Some additional details have been added to Section 7.4 noting that Stelco cannot disclose exact disposal details off-site to protect sensitive competitive information but that a licensed disposal facility will be used for disposal while pursuing approvals. Additionally, a limited vertical expansion to provide an additional year of capacity has also been contemplated and, as noted in Section 7.4 Stelco will attempt to limit waste generation during this time.</p> <p>The 'Alternatives To' considered in Section 5.0 are ones that could potentially address Stelco's long term (25 year) waste management requirements. Interim waste management requirements and arrangements in the short term while the long term planning and approvals are in progress are not significant when considering and comparing the long-term 'Alternative To's'. It is not proposed to modify or further explain the time frames described in Section 7.4 of the ToR, or consider the short term requirements in the comparative evaluation presented in Sections 5.4 and 5.5 of the ToR.</p>	No further comments.
18.	Table 7-3, Data Collection, pg. 52	Include data from NEC network		Acknowledged and requested data source added to Table 7-3, noting that the data from the NEC network may not have the quality or depth required for use in the actual assessment.	NEC data added to "Data Sources" column but not mentioned as part of air quality data that will be compiled and interpreted in the "Data Collection and Field Work" column.

Comment #	Reference to EA	Reviewer Comments & Rationale	Review Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response
19.	Table 7-3, Prediction, pg. 52	Assess cumulative impact to community of expanded landfill based on increased contribution to overall site emissions and nearby sources. Include estimate of existing background concentrations. Include traffic impacts in evaluation of GHG and dust emissions.		Table 7-3 air quality and GHG prediction of potential effects for the preferred 'Alternative Method' has been updated to clearly indicate maximum landfill expansion and maximum landfill expansion plus background conditions effects will be predicted and that these will be compared to Stelco site operations effects and applicable criteria. Traffic impacts have not been added, since movement of waste from HWF to LEWF was removed from the proposal following draft ToR circulation.	As noted in Section 7.5.8, cumulative impact assessments must also include consideration of probable projects in the area. This aspect of the cumulative impact assessment is not reflected in the Table 7-3 workplan.
20.	Table 7-3, Data Sources, pg. 52	Include data from NEC network		Acknowledged and requested data source added to Table 7-3.	No further comments.
21.	Table 7-3, Data Collection, pg. 62	Again, will new proposed Nanticoke Community Development and rezoning be considered? Will a contingency plan, or plan to update EA be included in the event it is approved?		No, the impact to the new Nanticoke Community Development proposed will not be considered in the EA scope of work that is the comparison of 'Alternative Methods' and prediction of potential effects for the preferred 'Alternative Method' because the Nanticoke Community Development is only a proposal at this time and is a long way (many years) from reaching any approved status, if it does ever. However, the Nanticoke Community Development proposal will be considered in the overall project cumulative impact assessment as noted in Section 7.5.8 of the ToR.	Though the proposed Nanticoke Community Development does not need to be explicitly mentioned, the plan to complete a cumulative impact assessment, which will consider existing and probable projects in the area, should be clearly captured in the workplan where relevant.

*Map of Proposed Nanticoke Land Use Included

Government Review Team

Proposal: Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke Draft Terms of Reference (ToR)

Proponent: Stelco

Comment #	Reference to EA	Reviewer Comments & Rationale	Review Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response	Proponent's Response (August 22, 2023)
1*						
Ministry of the Environment, Conservation and Parks (MECP) Abigail Amponsah, Air Quality Analyst Technical Support Section, West Central Region						
1.	Acronyms	Ensure all acronyms in document are defined here. (e.g., include LEWF, HWF)		Acknowledged. A word macro was run to identify and capture all acronyms in the ToR and include them in the Acronyms listing.	No further comments.	
2.	Glossary of Terms - ECA	May be useful to reiterate here that it was previously referred to as a CofA.		Acknowledged and Glossary of Terms updated in the ToR.	No further comments.	
3.	1.0 Introduction, pg. 1	What happens in the meantime before EA is approved? (This is partially answered in Section 7.4 but need more details).		Acknowledged. Additional details were provided in Section 1.0 and 7.4 noting that Stelco cannot disclose exact disposal details off-site to protect sensitive competitive information but that a licensed disposal facility will be used for disposal while pursuing approvals.	No further comments.	In addition to off-site disposal the ToR has been updated to include temporary storage of waste materials in the existing on-site lagoons as an option while pursuing approvals.
4.	Section 3.1, pg. 10	Spelling error – HFW vs HWF		Sentence has been deleted from the ToR.	No further comments.	
5.	Section 4.2, pg. 12	Sources of emissions are mentioned but it would be good to include existing types of emissions (e.g., dust/particulates).		Updated. The main type of compounds contributing to air emissions for this type of waste disposal has been added to Section 4.2.	No further comments.	

Comment #	Reference to EA	Reviewer Comments & Rationale	Review Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response	Proponent's Response (August 22, 2023)
6.	Section 4.9.1, pg. 18	Will the new Nanticoke Community Development proposed in 2022 be considered? (See Map)		Section 4.0 of the Terms of Reference is a description of the existing conditions environment; the Nanticoke Community Development is not approved and therefore not part of the existing conditions. At this time, it is only appropriate to consider the Nanticoke Community Development in the overall EA Cumulative Impact Assessment for this proposal, noting that it is a known but not approved possible project. Section 7.5.8 of the ToR has been updated to mention the Nanticoke Community Development.	No further comments.	
7.	Section 5.3.4, pg. 26	EFW was given as an example of alternatives considered. What other alternatives were considered?		As noted in Section 5.2.4 (there is no Section 5.3.4), Stelco evaluated the potential to use an alternative waste management technology such as an energy from waste facility, noting that the proposed waste for disposal has no caloric value. Language within Section 5.2.4 that used "such as" has been updated to "i.e." to be clear there is no other alternative waste management technology being considered. Section 5.2.4 has also been updated to include language more in alignment with the Code of Practice for Terms of Reference.	It is understood that EFW is the only alternative waste management technology considered. Is that because there are no other technologies available? Have other technologies been proposed but are only currently available conceptually with no real-world full-scale examples? Was a jurisdictional review completed and EFW confirmed to be the best available alternative technology? It would be good to have an explanation as to why only EFW was considered.	In the waste industry, alternative waste management technology is used synonymously with thermal treatment and hence we used "i.e." to convey that it is, or "in other words", EFW. As described in Section 5.2.4, EFW can be further broken down into two categories: conventional combustion (i.e., mass burn incineration) and advanced combustion (e.g., gasification, plasma arc gasification, and pyrolysis). The title of Section 5.2.4 has been updated to Thermal Treatment.

Comment #	Reference to EA	Reviewer Comments & Rationale	Review Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response	Proponent's Response (August 22, 2023)
8.	Table 5-3, pg. 29, Effects on Air Quality	Increased traffic from hauling waste from HWF should be considered as well as any construction impacts. Both these activities would have the potential to increase dust levels.		Hauling waste from HWF has been removed from the proposal in the final ToR and no waste will be coming from the HWF facility to the LEWF. As such, the proposed change to the ToR was not needed.	It is acknowledged that the hauling of waste from HWF is no longer relevant. However, as noted in Table 7.2, "Construction activities associated with landfill expansion and continued landfill operation can lead to levels of particulates (dust) in the air." The potential for increased dust levels during construction activities should be included in Table 5-3 under Alternative 2.	Table 5-3 has been moved to Supporting Document #2 and is now Table 3 in that document. The criteria that included associated activities may produce dust has been updated to say dust during construction, operation, or closure.
9.	Table 5-3, pg. 29, Effects on Noise	Construction impacts should be considered.		Noise from construction of the landfill has been added to Table 5-3 in the ToR as a consideration.	No further comments.	
10.	Table 5-3, pg. 33, Effects on Sensitive Receptors	Increased traffic from hauling waste from HWF should be considered as well as any construction impacts.		Hauling waste from HWF has been removed from the proposal in the final ToR and no waste will be coming from the HWF facility to the LEWF. As such, the proposed change to the ToR was not needed.	The landfill expansion will still include construction activities that will have the potential to temporarily increase noise and dust impacts. The effect of this on sensitive receptors should be included in Table 5-3.	Table 5-3 has been moved to Supporting Document #2 and is now Table 3 in that document. Table 3 has been updated to be clear that noise could be from operations and construction.
11.	Table 5-5, pg. 37	Include traffic from HFW waste hauling and potential construction impacts in disadvantages.		Hauling waste from HWF has been removed from the proposal in the final ToR and no waste will be coming from the HWF facility to the LEWF. As such, the proposed change to the ToR was not needed.	The landfill expansion will still include construction activities that will have the potential to temporarily increase noise and dust impacts. These impacts should be captured in the disadvantages column of Table 5-5 (Table 5-4 in the updated track changes document).	Acknowledged. Changes to potential for noise or dust due to landfill expansion construction activities have been added to new Table 5-4, noting that landfilling is an earth works activity and landfill construction is an earth works activity and the level of difference between associated dust and noise is likely negligible.

Comment #	Reference to EA	Reviewer Comments & Rationale	Review Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response	Proponent's Response (August 22, 2023)
12.	Table 7-1, pg. 42, Atmosphere	Given the large size of the property, the location of sensitive receptors, and the potential for cumulative impacts from nearby sources, it may be appropriate to include Wider Study Area in the list of areas to be studied.		This is an environmental assessment of the landfill expansion, not all operations at Stelco and the Site-vicinity study area for the atmosphere environmental component has already been set at 2.5 km from the landfill to ensure capture of the closest sensitive receptor. Note the Wider Study Area is defined as the area beyond each environmental component's Site-vicinity Study Area. If during impact assessment the requirements for air emissions and noise cannot be met within the Site-vicinity Study Area (unlikely given the size, location and type of landfill) the area will be expanded.	In the original Figure 7-1 the site-vicinity boundary was set at 500 m. However, since the figure has now been edited to note that "not all environmental components will be using a 500 m Site-vicinity Study Area", the 2.5 km distance to the nearest sensitive receptor is now captured in the "site-vicinity" study area and adding "wider study area" is no longer needed. No further comments.	
13.	Figure 7-1	Consider adding a note that site vicinity boundary will be larger for some environmental components.		Figure 7-1 shows the 500 m Site-vicinity Study Area and a note has been added that not all environmental components will be using a 500 m Site-vicinity Study Area.	No further comments.	
14.	Table 7-2, pg. 46, Air Quality and GHG, Indicator(s)	Expected cumulative impacts to community? (e.g., overall increase in particulate emissions from site and surrounding sources)		Table 7-2 outlines indicators specific to the project (the landfill expansion) and hence it isn't appropriate to discuss cumulative impacts here. In Table 7-3, the air quality indicator has been updated to clearly indicate the expected maximum landfill expansion and maximum landfill expansion plus existing background concentrations of air quality indicator parameters are to be estimated. This section was also updated to note these will be compared to Stelco site operations effects and applicable criteria.	As noted in Section 7.5.8, cumulative impact assessments must also include consideration of probable projects in the area. This aspect of the cumulative impact assessment is not reflected in the Table 7-3 workplan.	Correct, a cumulative impact assessment that will consider probable projects in the area must be considered for all environmental components and sub-components. Stelco has opted to describe the cumulative impact assessment in the separate Section 7.5.8 of the ToR. It is noted that the cumulative impact assessment is not mentioned for any of the components or sub-components in Table 7-3. Completing a cumulative impact assessment for all environmental components is a commitment identified in Section 12.1 of the ToR.

Comment #	Reference to EA	Reviewer Comments & Rationale	Review Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response	Proponent's Response (August 22, 2023)
15.	Table 7-2, pg. 46, Noise, Rationale	Construction impacts?		Landfill expansion is "construction" and already included in the rationale for including an assessment of noise.	<p>It would still be useful to distinguish between noise from the normal operation of the expanded landfill area and interim construction noise impacts.</p> <p>Perhaps consideration could be given to updating the wording as follows:</p> <p>"Landfill expansion and associated <i>construction</i> and operations will generate noise that will be emitted into the atmosphere and could impact neighboring sensitive receptors."</p>	Acknowledged and change made.
16.	Table 7-2, pg. 47, Local Economy, Rationale	Will impact to new Nanticoke Community Development proposed in 2022 be considered?		No, the impact to the new Nanticoke Community Development proposed will not be considered in the EA scope of work that is the comparison of 'Alternative Methods' and prediction of potential effects for the preferred 'Alternative Method' because the Nanticoke Community Development is only a proposal at this time and is a long way (many years) from reaching any approved status, if it does ever. However, the Nanticoke Community Development proposal will be considered in the overall project cumulative impact assessment as has been added in Section 7.5.8 of the ToR.	No further comments.	

Comment #	Reference to EA	Reviewer Comments & Rationale	Review Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response	Proponent's Response (August 22, 2023)
17.	Section 7.4, pg. 48	Would like more details on this plan. What is the alternate location? The plan for the waste prior to the approval seems similar to Alternative 1. Looks like for the next three years the cons associated with Alternative 1 will still be a factor for the preferred alternative since this alternative will take a while to implement. Perhaps this should be considered in the alternatives evaluation. Or at the very least it should be acknowledged and noted that pros and cons are based on impacts after 2026.		<p>Some additional details have been added to Section 7.4 noting that Stelco cannot disclose exact disposal details off-site to protect sensitive competitive information but that a licensed disposal facility will be used for disposal while pursuing approvals. Additionally, a limited vertical expansion to provide an additional year of capacity has also been contemplated and, as noted in Section 7.4 Stelco will attempt to limit waste generation during this time.</p> <p>The ' Alternatives To' considered in Section 5.0 are ones that could potentially address Stelco's long term (25 year) waste management requirements. Interim waste management requirements and arrangements in the short term while the long term planning and approvals are in progress are not significant when considering and comparing the long-term 'Alternative To's'. It is not proposed to modify or further explain the time frames described in Section 7.4 of the ToR, or consider the short term requirements in the comparative evaluation presented in Sections 5.4 and 5.5 of the ToR.</p>	No further comments.	
18.	Table 7-3, Data Collection, pg. 52	Include data from NEC network		Acknowledged and requested data source added to Table 7-3, noting that the data from the NEC network may not have the quality or depth required for use in the actual assessment.	NEC data added to "Data Sources" column but not mentioned as part of air quality data that will be compiled and interpreted in the "Data Collection and Field Work" column.	Acknowledged the "Data Collection and Field Work" column has been updated to not identify the data sources and instead refer to the "Data Sources" column.

Comment #	Reference to EA	Reviewer Comments & Rationale	Review Proposed Action/Solution	Proponent's Response (June 6, 2023)	MECP Response	Proponent's Response (August 22, 2023)
19.	Table 7-3, Prediction, pg. 52	Assess cumulative impact to community of expanded landfill based on increased contribution to overall site emissions and nearby sources. Include estimate of existing background concentrations. Include traffic impacts in evaluation of GHG and dust emissions.		Table 7-3 air quality and GHG prediction of potential effects for the preferred 'Alternative Method' has been updated to clearly indicate maximum landfill expansion and maximum landfill expansion plus background conditions effects will be predicted and that these will be compared to Stelco site operations effects and applicable criteria. Traffic impacts have not been added, since movement of waste from HWF to LEWF was removed from the proposal following draft ToR circulation.	As noted in Section 7.5.8, cumulative impact assessments must also include consideration of probable projects in the area. This aspect of the cumulative impact assessment is not reflected in the Table 7-3 workplan.	Correct, a cumulative impact assessment that will consider probable projects in the area must be considered for all environmental components and sub-components. Stelco has opted to describe the cumulative impact assessment in the separate Section 7.5.8 of the ToR. It is noted that the cumulative impact assessment is not mentioned for any of the components or sub-components in Table 7-3. Completing a cumulative impact assessment for all environmental components is a commitment identified in Section 12.1 of the ToR.
20.	Table 7-3, Data Sources, pg. 52	Include data from NEC network		Acknowledged and requested data source added to Table 7-3.	No further comments.	
21.	Table 7-3, Data Collection, pg. 62	Again, will new proposed Nanticoke Community Development and rezoning be considered? Will a contingency plan, or plan to update EA be included in the event it is approved?		No, the impact to the new Nanticoke Community Development proposed will not be considered in the EA scope of work that is the comparison of 'Alternative Methods' and prediction of potential effects for the preferred 'Alternative Method' because the Nanticoke Community Development is only a proposal at this time and is a long way (many years) from reaching any approved status, if it does ever. However, the Nanticoke Community Development proposal will be considered in the overall project cumulative impact assessment as noted in Section 7.5.8 of the ToR.	Though the proposed Nanticoke Community Development does not need to be explicitly mentioned, the plan to complete a cumulative impact assessment, which will consider existing and probable projects in the area, should be clearly captured in the workplan where relevant.	See response above.

*Map of Proposed Nanticoke Land Use Included

From: [Clerk](#)
To: [Robinson, Joel](#); [Clerk](#)
Cc: [Petar Kolundzija](#); [Edmond, Trish](#)
Subject: RE: [EXTERNAL] Draft Terms of Reference for the Proposed Stelco Quarry Landfill Expansion
Date: February 1, 2023 3:10:59 PM
Attachments: [image001.png](#)

My understanding is that staff don't have questions or comments at this time. Please continue to keep us informed about next steps in the expansion process for potential future comment.



Evelyn Eichenbaum

Manager - Clerks Division / Municipal Clerk
Haldimand County Administration Building
53 Thorburn St. S., Cayuga, ON N0A 1E0
Phone: [905-318-5932](tel:905-318-5932) **Web:** HaldimandCounty.ca

From: Robinson, Joel <joel.robinson@wsp.com>
Sent: Wednesday, February 1, 2023 2:48 PM
To: Clerk <clerk@HaldimandCounty.on.ca>
Cc: Petar Kolundzija <Petar.Kolundzija@stelco.com>; Edmond, Trish <trish.edmond@wsp.com>
Subject: [EXTERNAL] Draft Terms of Reference for the Proposed Stelco Quarry Landfill Expansion

Hello,

We wanted to follow-up and see if you have any questions or comments related to the Draft - Proposed Terms of Reference (ToR) for the Environmental Assessment of the Proposed Quarry Landfill Expansion. The draft ToR is available for public review and comment from January 6, 2023 to February 3, 2023 for a four-week review period. Attached is our initial email where the draft ToR was distributed for reference. Please let us know if you have any questions or if you plan on providing comments and require more time.

Thank you,
Joel



Joel Robinson, P.Geo.
Hydrogeologist

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From: [OP Habitat \(DFO/MPO\)](#)
To: [Robinson, Joel](#)
Cc: [Petar Kolundzija](#); [Edmond, Trish](#)
Subject: RE: Draft Terms of Reference for the Proposed Stelco Quarry Landfill Expansion
Date: February 1, 2023 3:59:59 PM
Attachments: [image001.png](#)

Hello Joel,

The *Fisheries Act* requires that projects avoid causing death of fish or any harmful alteration, disruption or destruction of fish and/or fish habitat unless authorized by the Minister of Fisheries and Oceans Canada. The Fish and Fish Habitat Protection Program of Fisheries and Oceans Canada reviews projects to ensure compliance with the *Fisheries Act* and *Species At Risk Act*.

Please note that the Fish and Fish Habitat Protection Program is not able to provide comment regarding general planning. If planned works may cause any of the prohibited effects under the *Fisheries Act* or *Species at Risk Act*, a Request for Review form should be completed for the works and submitted to FisheriesProtection@dfo-mpo.gc.ca. To better understand the review process, please visit <http://www.dfo-mpo.gc.ca/pnw-ppe/reviews-revues/request-review-demande-d-examen-001-eng.html>. The Request for Review form can be found under Step 4 at that link.

Sincerely,

Kaela Middleton

Biologist | Biologiste

Fisheries and Oceans Canada | Pêches et Océans Canada

Fish and Fish Habitat Protection Program | Programme de Protection du Poisson et de Son Habitat

867 Lakeshore Road, Burlington, ON, L7S 1A1 | 867, ch. Lakeshore, Burlington, ON, L7S 1A1

From: Robinson, Joel <joel.robinson@wsp.com>
Sent: Wednesday, February 1, 2023 3:03 PM
To: OP Habitat (DFO/MPO) <DFO.OPHabitat.MPO@dfo-mpo.gc.ca>
Cc: Petar Kolundzija <Petar.Kolundzija@stelco.com>; Edmond, Trish <trish.edmond@wsp.com>
Subject: Draft Terms of Reference for the Proposed Stelco Quarry Landfill Expansion

Hello,

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Thank you,
Joel



Joel Robinson, P.Geo.
Hydrogeologist

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From: [Jason Gallagher](#)
To: [Robinson, Joel](#)
Cc: [Petar Kolundzija](#); [Edmond, Trish](#)
Subject: RE: [EXTERNAL] Draft Terms of Reference for the Proposed Stelco Quarry Landfill Expansion
Date: February 1, 2023 2:29:42 PM
Attachments: [image001.png](#)

Good Afternoon

I haven't had time to review the TOR completely. My concerns would be spill mitigation, environmental challenges, and having an emergency safety plan in place, which includes hazmat and fire suppression response. If you require a more detailed review, I will need more time.

Thank you



Jason Gallagher

Manager, Emergency Services/Fire Chief

Emergency Services HeadQuarters

11 Thorburn St S, Cayuga, ON N0A 1E0

Phone: [905-318-5932](tel:905-318-5932) x6228 **Web:** HaldimandCounty.ca

From: Robinson, Joel <joel.robinson@wsp.com>
Sent: Wednesday, February 1, 2023 1:52 PM
To: Jason Gallagher <jgallagher@HaldimandCounty.on.ca>
Cc: Petar Kolundzija <Petar.Kolundzija@stelco.com>; Edmond, Trish <trish.edmond@wsp.com>
Subject: [EXTERNAL] Draft Terms of Reference for the Proposed Stelco Quarry Landfill Expansion

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This email is NOT from a Haldimand County Employee

Hello,

We wanted to follow-up and see if you have any questions or comments related to the Draft - Proposed Terms of Reference (ToR) for the Environmental Assessment of the Proposed Quarry Landfill Expansion. The draft ToR is available for public review and comment from January 6, 2023 to February 3, 2023 for a four-week review period. Attached is our initial email where the draft ToR was distributed for reference. Please let us know if you have any questions or if you plan on providing comments and require more time.

Thank you,
Joel



Joel Robinson, P.Geo.
Hydrogeologist

T+ 1 705-722-4492
M+ 1 249-535-1009

WSP Global Inc.
121 Commerce Park Drive, Unit L
Barrie, Ontario
L4N 8X1 Canada

wsp.com

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From: [Matthew Harrington](#)
To: [Robinson, Joel](#); [Dr. Matthew Strauss](#)
Cc: [Petar Kolundzija](#); [Edmond, Trish](#); [Alexis Atkinson](#)
Subject: RE: Draft Terms of Reference for the Proposed Stelco Quarry Landfill Expansion
Date: February 1, 2023 2:46:01 PM
Attachments: [image001.png](#)

Hi Joel,

Thank you for following up.

The Haldimand-Norfolk Health Unit does not have any questions or comments.

I have copied my Manager, Alexis Atkinson on this email. Please include her in future correspondence regarding this issue.

Thank you.

Matthew

Matthew Harrington, BAsC, CPHI(C)

Senior Public Health Inspector

Haldimand Norfolk Health Unit

Health and Social Services Division

12 Gilbertson Drive, Simcoe, Ontario, Canada, N3Y 4N5

905-318-6623 x. 3320

Fax: 905-765-8905



Serving the community in the areas of public health, social services, children's services, housing and long-term care.

From: Robinson, Joel <joel.robinson@wsp.com>

Sent: Wednesday, February 1, 2023 2:09 PM

To: Matthew Harrington <Matthew.Harrington@hnhss.ca>; Dr. Matthew Strauss <matt.strauss@hnhss.ca>

Cc: Petar Kolundzija <Petar.Kolundzija@stelco.com>; Edmond, Trish <trish.edmond@wsp.com>

Subject: Draft Terms of Reference for the Proposed Stelco Quarry Landfill Expansion

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Hello,

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February 3, 2023 for a four-week review period. Attached is our initial email where the draft ToR was distributed for reference. Please let us know if you have any questions or if you plan on providing comments and require more time.

Thank you,
Joel



Joel Robinson, P.Geo.
Hydrogeologist

T+ 1 705-722-4492
M+ 1 249-535-1009

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From: [planning](#)
To: [Robinson, Joel](#)
Subject: RE: Draft Terms of Reference for the Proposed Stelco Quarry Landfill Expansion
Date: February 3, 2023 10:04:26 AM
Attachments: [image002.png](#)
[image001.png](#)

Thanks Joel.

LPRCA has reviewed the draft TOF for Stelco's proposed quarry landfill expansion and it looks to be complete. Therefore, LPRCA has no concerns.

Have a great weekend!



Aisling "Ashleen" Laverty, CPT

Resource Planner | Long Point Region Conservation Authority

4 Elm St., Tillsonburg ON N4G 0C4

519-842-4242 ext. 235 | alaverty@lprca.on.ca

From: Robinson, Joel <joel.robinson@wsp.com>
Sent: February 1, 2023 2:38 PM
To: [planning](mailto:planning@lprca.on.ca) <planning@lprca.on.ca>
Cc: Petar Kolundzija <Petar.Kolundzija@stelco.com>; Edmond, Trish <trish.edmond@wsp.com>
Subject: Draft Terms of Reference for the Proposed Stelco Quarry Landfill Expansion

Hello,

We wanted to follow-up and see if you have any questions or comments related to the Draft - Proposed Terms of Reference (ToR) for the Environmental Assessment of the Proposed Quarry Landfill Expansion. The draft ToR is available for public review and comment from January 6, 2023 to February 3, 2023 for a four-week review period. Attached is our initial email where the draft ToR was distributed for reference. Please let us know if you have any questions or if you plan on providing comments and require more time.

Thank you,
Joel



Joel Robinson, P.Geo.

Hydrogeologist

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Edmond, Trish

From: Harvey, Joseph (MCM) <Joseph.Harvey@ontario.ca>
Sent: January 26, 2023 8:34 AM
To: Edmond, Trish; Robinson, Joel
Cc: Petar.Kolundzija@stelco.com; Barboza, Karla (MCM)
Subject: RE: File 0014576: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Trish,

Thanks for the clarification around the draft Terms of Reference. This will help us to finalize our comments.

Thanks,

Joseph Harvey | Heritage Planner
Citizenship, Inclusion and Heritage Division | Heritage Branch | Heritage Planning Unit
Ministry of Citizenship and Multiculturalism
613.242.3743
Joseph.Harvey@ontario.ca

From: Edmond, Trish <trish.edmond@wsp.com>
Sent: January 26, 2023 7:54 AM
To: Harvey, Joseph (MCM) <Joseph.Harvey@ontario.ca>; Robinson, Joel <joel.robinson@wsp.com>
Cc: Petar.Kolundzija@stelco.com; Barboza, Karla (MCM) <Karla.Barboza@ontario.ca>
Subject: RE: File 0014576: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

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Good morning Joseph,

I know Joel and I discussed your comment from last week however I think we got our wires crossed on who would respond. Within a Terms of Reference for landfill expansion we are obligated to comment on existing conditions (as per the Code of Practice for Preparing and Reviewing Terms of Reference for Environmental Assessments in Ontario, 2014) including existing conditions for archaeology and cultural and built heritage landscapes. To do so we usually have the practitioners review any existing reports that are publicly available at a high level and provide a brief summary. That said they have not completed their archaeology or cultural and built heritage assessments or reports, nor taken out a PIF yet as those activities will be completed in the EA itself as outlined in 7.6 and table 7-3. Hopefully that helps and let us know if you have any further questions.

Trish



Trish Edmond

Principal, Team Lead Waste - Ontario Earth & Environment
M.E.Sc., P.Eng.
She/Her

T+ 1 613-592-9600 #3246
M+ 1 613-799-1960

From: Harvey, Joseph (MCM) <Joseph.Harvey@ontario.ca>
Sent: January 25, 2023 4:10 PM

To: Robinson, Joel <joel.robinson@wsp.com>
Cc: Edmond, Trish <trish.edmond@wsp.com>; Petar.Kolundzija@stelco.com; Barboza, Karla (MCM) <Karla.Barboza@ontario.ca>
Subject: RE: File 0014576: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Joel,

Just following up on the request made below as this information will help us finalize our comments and determine how the final ToR should be drafted.

Thanks,

Joseph Harvey | Heritage Planner
Citizenship, Inclusion and Heritage Division | Heritage Branch | Heritage Planning Unit
Ministry of Citizenship and Multiculturalism
613.242.3743
Joseph.Harvey@ontario.ca

From: Harvey, Joseph (MCM)
Sent: January 18, 2023 3:06 PM
To: joel.robinson@wsp.com
Cc: trish.edmond@wsp.com; Petar.Kolundzija@stelco.com
Subject: RE: File 0014576: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Joel Robinson,

Thank you for providing us with the draft Terms of Reference (ToR). We are currently preparing our comments.

ToR Section 4.8 (p. 16-18) indicates that archaeological assessment and a review of the Existing Conditions for Built Heritage Resources and Cultural Heritage Landscapes has been undertaken in support of this undertaking.

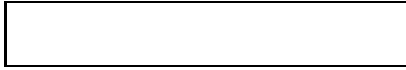
To assist us in our review please forward a copy of the Project Information Form (PIF) number(s) for any archaeological assessment reports completed in support of this undertaking as well as any documentation supporting the review of existing conditions for Built Heritage Resources and Cultural Heritage Landscapes.

Thanks,

Joseph Harvey | Heritage Planner
Citizenship, Inclusion and Heritage Division | Heritage Branch | Heritage Planning Unit
Ministry of Citizenship and Multiculturalism
613.242.3743
Joseph.Harvey@ontario.ca

From: Golder Secure Message Center <smc@golder.com> **On Behalf Of** Joel Robinson
Sent: January-05-23 2:06 PM
Subject: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

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Sender Name **Joel Robinson**
Phone 705-722-4492
Email joel_robinson@golder.com

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Hello,

Stelco Inc. (Stelco) has completed a draft Terms of Reference (ToR) as the first step of the Environmental Assessment (EA) of the Proposed Quarry Landfill expansion. Stelco is seeking input on the draft ToR. Please see the notification letter in the link provided outlining further information on the draft ToR and how to submit comments on the draft ToR. An electronic copy of the draft ToR is also provided on the project website at <https://consultation.stelco.com/Home/Documents> and consists of all volumes (Volumes 1 to 3).

The draft ToR will be available for public review and comment from January 6, 2023 to February 3, 2023 for a four-week review period.

Following the above review period, the draft ToR will be updated to address comments received and will be submitted to the Ontario Ministry of the Environment, Conservation and Parks (MECP) as part of the formal review process.

Should you require a hard copy (or an electronic copy in a USB drive) of the draft ToR, please email or call us and we will be happy to prepare it for you. If you wish to save a copy of the files provided in this email for future reference, please download and save them to your local computer drive as the download link will expire on February 3, 2023.

Please let us know if you have any issues accessing the notice letter or the draft ToR from the link provided.

Sincerely,

Joel Robinson

Attachments in link: Click on the link in the upper right corner of this email labelled "Download Files" to access the Notification Letter and the draft ToR report (Volumes 1, 2 and 3).



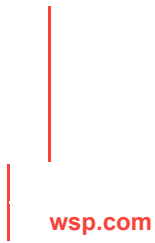
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M+ 1 249-535-1009

Joel Robinson, P.Geo.

Hydrogeologist

WSP Global Inc.



121 Commerce Park Drive, Unit L

Barrie, Ontario

L4N 8X1 Canada

Transfer Details

CC: petar.kolundzija@stelco.com

joel.robinson@wsp.com

trish.edmond@wsp.com

Download Link:
<https://smc.golder.com/download?id=o5dS7rpFIC&password=fRU3kIi8>

Files in this Transfer

20136711 Stelco Waste EA Volume II ToR Jan 2023.pdf

20136711 Stelco Waste EA Volume III ToR Jan2023.pdf

20136711 Stelco Waste EA Volume I ToR Jan2023.pdf

Draft Terms of Reference Notice.pdf

For further information please follow this link: [Cryptshare Documentation](#)

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**Ministry of Citizenship
and Multiculturalism**

Heritage Planning Unit
Heritage Branch
Citizenship, Inclusion and
Heritage Division
5th Flr, 400 University Ave
Tel.: 613.242.3743

**Ministère des Affaires civiques
et du Multiculturalisme**

Unité de la planification relative au
patrimoine
Direction du patrimoine
Division des affaires civiques, de
l'inclusion et du patrimoine
Tél.: 613.242.3743



February 3, 2023

VIA EMAIL ONLY

Trish Edmond, P.Eng.
EA Manager
WSP-Golder
1931 Robertson Road
Ottawa, ON, K2H 5B7
trish.edmond@wsp.com

MCM File : **0014576**
Proponent : **Stelco Inc.**
Subject : **Individual Environmental Assessment – Draft Terms of Reference
Notice**
Project : **Environmental Assessment of the Proposed Quarry Landfill
Expansion, Stelco Lake Erie Works, Nanticoke**
Location : **Nanticoke, Haldimand County**

Dear Trish Edmond:

Thank you for sending the Draft Terms of Reference Notice and providing the Ministry of Citizenship and Multiculturalism with the Draft – Proposed Terms of Reference (ToR) (dated January 6, 2023 prepared by WSP-Golder) for our review and comment. We also appreciate the additional clarification to our questions sent on January 26, 2023.

MCM's interest in this Environmental Assessment (EA) project relates to its mandate of conserving Ontario's cultural heritage.

Project Summary

Stelco is proposing to expand the existing Quarry Landfill at the Lake Erie Works (LEW) to accommodate the on-site disposal of non-hazardous steelmaking secondary materials generated at the facility that cannot be reused or recycled, as well as the potential disposal of historical non-hazardous steel-making secondary materials from the Hamilton Works site (HW), located approximately 70 km from the Site.

An Individual Environmental Assessment (EA) for the proposed expansion of the Quarry Landfill at the Lake Erie Works Facility is being undertaken by Stelco Inc. and requires approval under the provincial *Environmental Assessment Act* (EAA). The first phase is in the EA process is preparation of a Terms of Reference (ToR), which is the framework for carrying out the EA.

Project Comments

We have reviewed the above referenced ToR and have attached a table with detailed comments and recommend revisions for alignment with the current legislative framework and to help ensure cultural heritage due diligence.

Please note that the responsibility for administration of the *Ontario Heritage Act* and matters related to cultural heritage have been transferred from the Ministry of Tourism, Culture and Sport (MTCS) to the Ministry of Citizenship and Multiculturalism (MCM). Individual staff roles and contact information remain unchanged. Please update the ToR's Consultation List (Appendix B) with the updated contact information provided below and continue to send any notices, report and/or documentation to both Karla Barboza and myself.

- Karla Barboza, Team Lead - Heritage | Heritage Planning Unit (Citizenship and Multiculturalism) | 416-660-1027 | karla.barboza@ontario.ca
- Joseph Harvey, Heritage Planner | Heritage Planning Unit (Citizenship and Multiculturalism) | 613. 242. 3743 | joseph.harvey@ontario.ca

Thank you for making the draft ToR available for our review and comment. We would be pleased to discuss our comments further and/or provide additional information if necessary.

Sincerely,

Joseph Harvey
Heritage Planner
Heritage Planning Unit
joseph.harvey@Ontario.ca

Copied to: Petar Kolundzija, Manager - Environmental Affairs, Stelco Inc.

Joel Robinson, Hydrogeologist, WSP-Golder
Stephen Denault, (A) Project Officer, MECP

It is the sole responsibility of proponents to ensure that any information and documentation submitted as part of their EA report or file is accurate. The Ministry of Citizenship and Multiculturalism (MCM) makes no representation or warranty as to the completeness, accuracy or quality of the any checklists, reports or supporting documentation submitted as part of the EA process, and in no way shall MCM be liable for any harm, damages, costs, expenses, losses, claims or actions that may result if any checklists, reports or supporting documents are discovered to be inaccurate, incomplete, misleading or fraudulent.

Should previously undocumented archaeological resources be discovered, they may be a new archaeological site and therefore subject to Section 48(1) of the *Ontario Heritage Act*. The proponent or person discovering the archaeological resources must cease alteration of the site immediately and engage a licensed consultant archaeologist to carry out an archaeological assessment, in compliance with Section 48(1) of the *Ontario Heritage Act*.

The *Funeral, Burial and Cremation Services Act, 2002, S.O. 2002, c.33* requires that any person discovering human remains must cease all activities immediately and notify the police or coroner. If the coroner does not suspect foul play in the disposition of the remains, in accordance with *Ontario Regulation 30/11* the coroner shall notify the Registrar, Ontario Ministry of Public and Business Service Delivery, which administers provisions of that Act related to burial sites. In situations where human remains are associated with archaeological resources, the Ministry of Citizenship and Multiculturalism should also be notified (at archaeology@ontario.ca) to ensure that the archaeological site is not subject to unlicensed alterations which would be a contravention of the *Ontario Heritage Act*.

#	Document Section	Given Text	MCM Comments
1.	Throughout the Documentation	The Ministry of Heritage, Sport, Tourism and Culture Industries	<p>The ministry name should be revised from 'Ministry of Heritage, Sport, Tourism and Culture Industries' to the 'Ministry of Citizenship and Multiculturalism (MCM)'.</p> <p>We also encourage the team to contact the Ministry of Tourism, Culture and Sport to see whether they would have any interests on this undertaking:</p> <ul style="list-style-type: none"> • Deborah Cope, Manager (Acting) Culture Policy and Services Unit (Tourism, Culture and Sport) 647-292-8261 deborah.cope@ontario.ca • Shipra Vyas, Manager Tourism Policy Unit (Tourism, Culture and Sport) 416-727-2884 shipra.vyas@ontario.ca
2.	4.8 (Cultural Heritage) p. 16-19	<p>4.0 Description of Existing Environmental Conditions and Potential Effects</p> <p>4.8 Cultural Heritage</p> <p>4.8.1 Archaeology</p> <p>Previous archaeological assessments have been carried out by non-Stelco parties near the project's vicinity as part of other projects in the industrial park ...</p> <p>...</p> <p>[Figure 4-2 (Lake Erie Works Nearby Significant Natural Features)]</p> <p>4.8.2 Built heritage Resources and Cultural Heritage Landscapes</p> <p>The areas surrounding the Quarry Landfill include gravel roads (connected to main roads of the LEWF), small stockpiles of material, the constructed Quarry Pond, and gently rolling active agricultural fields. The cultural heritage existing conditions review identified no built</p>	<p>Our understanding is that this section should contain a brief or preliminary description of the existing environment in order to gain a contextual understanding of the problem or opportunity as well as an understanding of the potential environmental effects that should be examined (ToR Code of Practice; MECP, 2014). So in the case of cultural heritage, we recommend that the preliminary overview of the existing conditions includes whether the study area has been previously assessed and how the proponent will determine the project's potential impact on known (previously recognized) and potential cultural heritage resources. We recommend revising this section accordingly.</p> <p><i>Archaeological Resources</i></p> <p>Section 4.8.1 currently includes an overview of archaeological assessments undertaken within Lake Erie Industrial Park. Please provide MCM with the Project Information Form numbers (PIF#) for these archaeological assessments.</p> <p>This section should also indicate whether the site study area has archaeological potential. The Ministry's Criteria for Evaluating Archaeological Potential can be used to determine if an archaeological assessment is needed. MCM archaeological sites data are available at archaeology@ontario.ca.</p> <p>If the site study area exhibits archaeological potential, then an archaeological assessment (AA) shall be undertaken by an archaeologist licenced under the <i>Ontario Heritage Act</i> (OHA), who is responsible for submitting the report directly to MCM for review.</p>

#	Document Section	Given Text	MCM Comments
		<p>heritage resources (BHR) nor cultural heritage landscapes (CHL) adjacent to or within the vicinity of the Quarry Landfill site.</p> <p>Per the Provincial Policy Statement (PPS) (Ontario, 2020), BHR “means building, structure ...</p>	<p>Please note that archaeological concerns have not been addressed until reports have been entered into the Ontario Public Register of Archaeological Reports where those reports recommend that:</p> <ul style="list-style-type: none"> • the archaeological assessment of the project area is complete and • all archaeological sites identified by the assessment are either of no further cultural heritage value or interest (as per Section 48(3) of the <i>Ontario Heritage Act</i>) or that mitigation of impacts has been accomplished through an avoidance and protection strategy. <p><i>Built heritage Resources and Cultural Heritage Landscapes</i> Section 4.8.1 seems to refer to a Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment. WSP confirmed via email (dated, January 26, 2023) that a Cultural Heritage Report has not been completed.</p> <p>The draft report states that “the cultural heritage existing conditions review identified no built heritage resources (BHR) nor cultural heritage landscapes (CHL) adjacent to or within the vicinity of the Quarry Landfill site”. It is not clear how the team arrived at this conclusion. As a first step, we recommend the screening checklist, Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes, developed by the Ministry of Heritage, Sport, Tourism and Culture Industries (<u>now the Ministry of Citizenship and Multiculturalism</u>), be completed to determine whether there are known (previously recognized) or potential BHR/CHL within the project study area.</p> <p>If the checklist indicates low potential for known (previously recognized) or potential BHR/CHL, then the checklist along with supporting documentation should be included in the EA Report.</p> <p>If the checklist indicates that there is known (previously recognized) or potential BHR/CHL then a Cultural Heritage Report shall be undertaken for the entire study area during the planning phase and will be summarized in the EA Report. This study will</p> <ol style="list-style-type: none"> 1. <u>Describe the existing baseline cultural heritage conditions</u> within the study area by identifying all known or potential built heritage resources and cultural heritage landscapes, including a historical summary of the study area. The Ministry has

#	Document Section	Given Text	MCM Comments
			<p>developed screening criteria that may assist with this exercise: Criteria for Evaluating for Potential Built Heritage Resources and Cultural Heritage Landscapes.</p> <ol style="list-style-type: none"> 2. <u>Identify preliminary potential project-specific impacts</u> on the known and potential built heritage resources and cultural heritage landscapes that have been identified. The report should include a description of the anticipated impact to each known or potential built heritage resource or cultural heritage landscape that has been identified. 3. <u>Recommend measures to avoid or mitigate potential negative impacts</u> to known or potential built heritage resources and cultural heritage landscapes. The proposed mitigation measures are to inform the next steps of project planning and design. <p>Cultural Heritage Reports will be undertaken by a qualified person who has expertise, recent experience, and knowledge relevant to the type of cultural heritage resources being considered and the nature of the activity being proposed.</p> <p>Community input should be sought to identify locally recognized and potential cultural heritage resources. Sources include, but are not limited to, municipal heritage committees, historical societies and other local heritage organizations.</p> <p>Cultural heritage resources are often of critical importance to Indigenous communities. Indigenous communities may have knowledge that can contribute to the identification of cultural heritage resources, and we suggest that any engagement with Indigenous communities includes a discussion about known or potential cultural heritage resources that are of value to them.</p> <p>Further technical cultural heritage studies (e.g., Cultural Heritage Evaluation Reports, Heritage Impact Assessments and Conservation Plans) may be required if potential impacts to built heritage resources and cultural heritage landscapes are identified.</p> <p>We included some suggested language for Section 4.8 of the ToR for your consideration:</p>

#	Document Section	Given Text	MCM Comments
			<p data-bbox="1056 293 1402 326">4.8 Cultural Heritage <u>Resources</u></p> <p data-bbox="1152 362 1950 427"><u>Cultural heritage resources include archaeological resources, built heritage resources and cultural heritage landscapes.</u></p> <p data-bbox="1056 462 1413 495">4.8.1 <u>Archaeological Resources</u></p> <p data-bbox="1152 531 1990 660"><u>The screening checklist, Criteria for Evaluating Archaeological Potential, developed by the Ministry of Heritage, Sport, Tourism and Culture Industries (now the Ministry of Citizenship and Multiculturalism) was completed indicating that the site study area is of low archaeological potential. (if it is the case)</u></p> <p data-bbox="1152 696 1997 894"><u>Should previously undocumented archaeological resources be discovered, they may be a new archaeological site and therefore subject to Section 48(1) of the <i>Ontario Heritage Act</i>. The proponent or person discovering the archaeological resources must cease alteration of the site immediately and engage a licensed consultant archaeologist to carry out an archaeological assessment, in compliance with Section 48(1) of the <i>Ontario Heritage Act</i>.</u></p> <p data-bbox="1152 930 2003 1295"><u>The Funeral, <i>Burial and Cremation Services Act</i>, 2002, S.O. 2002, c.33 requires that any person discovering human remains must cease all activities immediately and notify the police or coroner. If the coroner does not suspect foul play in the disposition of the remains, in accordance with Ontario Regulation 30/11 the coroner shall notify the Registrar, Ontario Ministry of Public and Business Service Delivery, which administers provisions of that Act related to burial sites. In situations where human remains are associated with archaeological resources, the Ministry of Citizenship and Multiculturalism should also be notified (at archaeology@ontario.ca) to ensure that the archaeological site is not subject to unlicensed alterations which would be a contravention of the <i>Ontario Heritage Act</i>.</u></p> <p data-bbox="1152 1331 1184 1360">Or</p>

#	Document Section	Given Text	MCM Comments
			<p><u>The screening checklist, Criteria for Evaluating Archaeological Potential, developed by the Ministry of Heritage, Sport, Tourism and Culture Industries (now the Ministry of Citizenship and Multiculturalism) was completed indicating site study area has archaeological potential.</u></p> <p><u>At minimum, Stage 1 archaeological assessment (AA) will be undertaken by an archaeologist licenced under the <i>Ontario Heritage Act</i> (OHA), who is responsible for submitting the report directly to MCM for during preliminary design.</u></p> <p><u>Further archaeological assessments (e.g., Stage 2-4), if recommended, will be undertaken as early as possible during detailed design and prior to any ground disturbing activities.</u></p> <p><u>Should previously undocumented archaeological resources be discovered, they may be a new archaeological site and therefore subject to Section 48(1) of the <i>Ontario Heritage Act</i>. The proponent or person discovering the archaeological resources must cease alteration of the site immediately and engage a licensed consultant archaeologist to carry out an archaeological assessment, in compliance with Section 48(1) of the <i>Ontario Heritage Act</i>.</u></p> <p><u>The Funeral, Burial and Cremation Services Act, 2002, S.O. 2002, c.33 requires that any person discovering human remains must cease all activities immediately and notify the police or coroner. If the coroner does not suspect foul play in the disposition of the remains, in accordance with Ontario Regulation 30/11 the coroner shall notify the Registrar, Ontario Ministry of Public and Business Service Delivery, which administers provisions of that Act related to burial sites. In situations where human remains are associated with archaeological resources, the Ministry of Citizenship and Multiculturalism should also be notified (at archaeology@ontario.ca) to ensure that the archaeological site is not subject to unlicensed alterations which would be a contravention of the <i>Ontario Heritage Act</i>.</u></p>

#	Document Section	Given Text	MCM Comments
			<p>Figure 4-2 (Lake Erie Works Nearby Significant Natural Features) should be moved to the appropriate section as it does not relate to the cultural heritage environment. It would be helpful to include a map depicting the areas previously assessed archaeologically.</p> <p>4.8.2 Built Heritage Resources and Cultural Heritage Landscapes</p> <p>The screening checklist, <u>Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes</u>, developed by the Ministry of Heritage, Sport, Tourism and Culture Industries (now the Ministry of Citizenship and Multiculturalism), was completed and determined the site study area to have low potential for built heritage resources and cultural heritage landscapes. Therefore, no technical cultural heritage studies will be undertaken. (Completed checklist along with supporting documentation to be included as an Appendix)</p> <p>or</p> <p>The screening checklist, <u>Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes</u>, developed by the Ministry of Heritage, Sport, Tourism and Culture Industries (now the Ministry of Citizenship and Multiculturalism), was completed and determined the site study area to have potential for built heritage resources and cultural heritage landscapes.</p> <p><u>A Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment will be undertaken for the entire study area. This study will:</u></p> <ol style="list-style-type: none"> 1. <u>Describe the existing baseline conditions within the study area.</u> 2. <u>Identify preliminary potential project-specific impacts on the known and potential built heritage resources and cultural heritage landscapes.</u> 3. <u>Recommend measures to avoid or mitigate potential negative impacts to known or potential built heritage resources and cultural heritage landscapes.</u>

#	Document Section	Given Text	MCM Comments
			<p><u>Step 1 will inform the Evaluation of ‘Alternative Methods’, and Steps 2 and 3 will be used to inform the Prediction of Potential Effects for the Preferred ‘Alternative Method [See also comment 7 below].</u></p> <p><u>If potential impacts to built heritage resources and cultural heritage landscapes are identified, further technical cultural heritage studies (e.g., Cultural Heritage Evaluation Reports, Heritage Impact Assessments and Conservation Plans) may be recommended. All technical cultural heritage studies will be undertaken as part of the EA report.</u></p>
3.	5.2 (Environmental Commitments) Table 5-1 p. 21-23	<p>Environmental Component</p> <ul style="list-style-type: none"> - Cultural Heritage <p>Evaluation Criteria/Criterion</p> <ul style="list-style-type: none"> - Potential effects on archaeology - Potential effects on cultural environment including cultural heritage landscapes and built heritage resources <p>Rationale for Including the Criteria/Criterion</p> <ul style="list-style-type: none"> - Previously identified or high likelihood archaeology resources may be altered or effected by site operations - Previously identified or high likelihood heritage landscapes and resources may be altered or impacted by site operations <p>Indicators</p> <ul style="list-style-type: none"> - Approximate degree of archaeological potential - Approximate degree of potential for cultural heritage landscape/ built heritage resources <p>Date Sources</p> <ul style="list-style-type: none"> - Haldimand County Official Plan - Archaeological Screening where available - Published archaeological reports for the County 	<p>We recommend the following revisions for consistency with revised section 4.8.</p> <p>Environmental Component</p> <ul style="list-style-type: none"> - Cultural Heritage <p>Evaluation Criteria/Criterion</p> <ul style="list-style-type: none"> - Potential effects on <u>archaeologically resources</u> - Potential effects on <u>cultural environment including cultural heritage landscapes and built heritage resources</u> <p>Rationale for Including the Criteria/Criterion</p> <ul style="list-style-type: none"> - Previously identified or high likelihood <u>Archaeologically-resources or areas of archaeological potential</u> may be altered or effected <u>impacted</u> by site construction and operations - Previously identified and/or high likelihood <u>potential cultural heritage landscapes and built heritage resources</u> may be altered or impacted by site construction and operations <p>Indicators</p> <ul style="list-style-type: none"> - Approximate degree of a <u>Archaeological sites or areas of archaeological potential</u> - Approximate degree of <u>Identified known or potential for</u> cultural heritage landscapes/ built heritage resources <p>Data Sources</p> <ul style="list-style-type: none"> - Haldimand County Official Plan - <u>Indigenous communities</u> - <u>County of Haldimand Municipal Heritage Committee</u>

#	Document Section	Given Text	MCM Comments
			<ul style="list-style-type: none"> - <u>Previous technical cultural heritage studies (e.g., archaeological assessments, cultural heritage evaluation reports)</u> — Archaeological Screening where available — Published archaeological reports for the County
4.	5.4 (Comparative Evaluation of 'Alternatives To') Table 5-3 p. 32	Table 5-3 Criteria <ul style="list-style-type: none"> - Potential effects on archaeology - Potential effects on cultural heritage landscapes and built heritage resources 	We recommend the following revisions consistent with our comments above: Table 5-3 Consideration <ul style="list-style-type: none"> - Potential effects on <u>archaeological resources</u> - Potential effects on <u>known and/or potential</u> cultural heritage landscapes and built heritage resources <p>Alternative 2 states the expansion could result in new areas which are previously disturbed and developed and the provincial approvals regarding archaeology would be required. See comment 2 above. Please clarify whether there are areas of archaeological potential that could be impacted and therefore require archaeological assessment as per the requirements of the OHA.</p> <p>Similarly, potential impacts to known (previously recognized) or potential BHR/CHL within the project study area need to be confirmed. Please see comment 2 above.</p>
5.	5.4 (Comparative Evaluation of 'Alternatives To') Table 5-4 p. 36	Component <ul style="list-style-type: none"> - Cultural Heritage Sub-component <ul style="list-style-type: none"> - Archaeology Cultural Heritage Landscapes, Built Heritage Resources	Component <ul style="list-style-type: none"> - Cultural Heritage Sub-component <ul style="list-style-type: none"> - <u>Archaeological Resources</u> - Cultural heritage landscapes and built heritage resources

#	Document Section	Given Text	MCM Comments
6.	7.2 (Study Areas) Table 7-1 p. 43	Environmental Component - Archaeology Preliminary Area(s) to be Studied - Site Rationale - Potential disturbance of archaeological resources will be limited to areas associated with the landfill expansion	Environmental Component - Archaeological Resources Preliminary Area(s) to be Studied - Site Rationale - Potential disturbance of archaeological resources will be limited to areas associated with the landfill expansion
7.	7.2 (Study Areas) Table 7-1 p. 43	Environmental Component - Culture Preliminary Area(s) to be Studied - Site and Site-vicinity Rationale - In accordance with the Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI) requirements for cultural studies, the area of study will extend to the extent of all properties adjacent to the landfill boundary	We are assuming that this relates to BHR/CHL. Environmental Component - <u>Cultural Heritage landscapes and Built Heritage Resources</u> Preliminary Area(s) to be Studied - Site and Site-vicinity Rationale [Please clarify the intent of this sentence and see also comments 2 and 4] - In accordance with the Ministry of Citizenship and Multiculturalism (MCM) Heritage, Sport, Tourism and Culture Industries (MHSTCI) requirements for cultural studies, the area of study will extend to the extent of all properties adjacent to the landfill boundary.
8.	7.3 (Environmental Components, Criteria and Indicators for 'Alternative Methods') p. 45-46	... The environmental components include natural, social, economic, cultural and built environment within this EA cover the broad definition of the environment and are: • ... • Cultural heritage (archaeology, built heritage landscapes and cultural heritage landscapes); • ... Table 7-2 Component / Sub-component	We recommend the following revisions consistent with our comments above: ... The environmental components include natural, social, economic, cultural and built environment within this EA cover the broad definition of the environment and are: • ... • Cultural heritage (<u>archaeological resources</u> , built heritage <u>landscapes resources</u> and cultural heritage landscapes); • ... Table 7-2 Component / Sub-component

#	Document Section	Given Text	MCM Comments
		<ul style="list-style-type: none"> - Cultural Heritage Resources/ Archaeological Resources <p>Rationale for Including the Evaluation Criterion/Criteria</p> <ul style="list-style-type: none"> - A horizontal landfill expansion has the potential to affect archaeological resources <p>Evaluation Criterion/Criteria</p> <ul style="list-style-type: none"> - Potential effects on archaeology <p>Indicator(s)</p> <ul style="list-style-type: none"> - Expected archaeological resources potential affected on-site <p>Component / Sub-component</p> <ul style="list-style-type: none"> - Cultural Heritage Resources/ Cultural Heritage Landscapes <p>Rationale for Including the Evaluation Criterion/Criteria</p> <ul style="list-style-type: none"> - Identified cultural heritage landscapes can be altered by the landfill expansion. Depending on that nature of identified cultural heritage landscapes, there could be an impact by ongoing operation of the landfill <p>Evaluation Criterion/Criteria</p> <ul style="list-style-type: none"> - Potential effects on cultural heritage landscapes <p>Indicator(s)</p> <ul style="list-style-type: none"> - Expected impact on identified cultural heritage landscapes within the Site-vicinity Study Area. <p>Component / Sub-component</p> <ul style="list-style-type: none"> - Cultural Heritage Resources/ Built Heritage Resources <p>Rationale for Including the Evaluation Criterion/Criteria</p> <ul style="list-style-type: none"> - Heritage attributes of identified built heritage resources could be impacted by the landfill expansion and associated operations. <p>Evaluation Criterion/Criteria</p>	<ul style="list-style-type: none"> - Cultural Heritage Resources/ Archaeological Resources <p>Rationale for Including the Evaluation Criterion/Criteria</p> <ul style="list-style-type: none"> - A horizontal landfill expansion has the potential to affect archaeological resources <p>Evaluation Criterion/Criteria</p> <ul style="list-style-type: none"> - Potential effects on <u>archaeological resources and areas of archaeological potential</u> <p>Indicator(s)</p> <ul style="list-style-type: none"> - Expected <u>impacts to</u> archaeological resources potential affected on-site <p>Component / Sub-component</p> <ul style="list-style-type: none"> - Cultural Heritage Resources/ Cultural Heritage Landscapes <p>Rationale for Including the Evaluation Criterion/Criteria</p> <ul style="list-style-type: none"> - Identified <u>known (previously recognized) and/or potential</u> cultural heritage landscapes can be impacted by the landfill expansion. Evaluation Criterion/Criteria - Potential effects on <u>known (previously recognized) and/or potential</u> cultural heritage landscapes <p>Indicator(s)</p> <ul style="list-style-type: none"> - Expected impact on identified <u>known and/or potential</u> cultural heritage landscapes within the Site-vicinity <u>and</u> Study Area. <p>Component / Sub-component</p> <ul style="list-style-type: none"> - Cultural Heritage Resources/ Built Heritage Resources <p>Rationale for Including the Evaluation Criterion/Criteria</p> <ul style="list-style-type: none"> - Identified known (previously recognized) or potential built heritage resources could be impacted by the landfill expansion <p>Evaluation Criterion/Criteria</p> <ul style="list-style-type: none"> - Potential effects on known (previously recognized) and/or potential built heritage resources <p>Indicator(s)</p> <ul style="list-style-type: none"> - Expected impact to the heritage attributes of identified <u>known or potential</u> built heritage resources within the Site-vicinity and Study Area.

#	Document Section	Given Text	MCM Comments
		<ul style="list-style-type: none"> - Potential effects on built heritage resources Indicator(s) - Expected impact on the heritage attributes of identified built heritage resources within the Site- vicinity Study Area. 	
9.	7.6 (Work Plans for the EA) Table 7-3 p. 59-61	<p>Component / Sub -component</p> <ul style="list-style-type: none"> - Archaeology <p>Indicator(s)</p> <ul style="list-style-type: none"> - Expected archeological resources potentially affected on-site. <p>Data Collection and Field Work</p> <ul style="list-style-type: none"> - Review and update existing background research including archaeological historical and environmental literature. - Review updated list of registered archaeological sites within 1km of the landfill site. - Complete Stage 1 Archaeology Assessment. If necessary, complete subsequent Stages of archaeological assessment. <p>Qualitative Evaluation of 'Alternative Methods'</p> <ul style="list-style-type: none"> - Identify archaeological sites that are anticipated to be impacted by expansion alternatives. - Rank each 'Alternative Method' based on the differences. - Describe advantages and disadvantages of the 'Alternative Methods'. <p>Prediction of Potential Effects for the Preferred 'Alternative Method'</p> <ul style="list-style-type: none"> - Archaeological sites that will be impacted by the preferred expansion alternative may require further assessment to determine spatial extent, complete a full evaluation of significance, and 	<p>We recommend the following revisions consistent with our comments above:</p> <p>Component / Sub-component</p> <ul style="list-style-type: none"> - Archaeological resources <p>Indicator(s)</p> <ul style="list-style-type: none"> - Expected <u>impacts to</u> archaeological resources potential affected on-site <p>Data Collection and Field Work</p> <ul style="list-style-type: none"> Review and update existing background research including archaeological historical and environmental literature Review updated list of registered archaeological sites within 1km of the landfill site. - Screen for archaeological potential using the Ministry's Criteria for Evaluating Archaeological Potential - Complete Stage 1 Archaeological Assessment. If recommended, complete subsequent Stages of archaeological assessment. See also comment 2. <p>Qualitative Evaluation of 'Alternative Methods'</p> <ul style="list-style-type: none"> - Identify archaeological sites <u>and areas of archaeological potential</u> that are anticipated to be impacted by expansion alternatives. - Rank each 'Alternative Method' based on the differences. - Describe advantages and disadvantages of the 'Alternative Methods'. <p>Prediction of Potential Effects for the Preferred 'Alternative Method'</p> <ul style="list-style-type: none"> - <u>Areas of Archaeological potential sites</u> that will be impacted by the preferred expansion alternative may will require further <u>archaeological assessment</u> to determine spatial extent, complete a full evaluation of significance, and determine the need for strategies to mitigate impacts and provide future conservation.

#	Document Section	Given Text	MCM Comments
		<p>determine the need for strategies to mitigate impacts and provide future conservation.</p> <p>Data Sources</p> <ul style="list-style-type: none"> - Existing site-specific archaeological assessment reports. - Ontario Archaeological Sites Database - Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI) Standards and Guidelines for Consultant Archaeologists - Haldimand County Official Plan <p>Component / Sub-component</p> <ul style="list-style-type: none"> - Cultural Heritage Landscapes <p>Indicator(s)</p> <ul style="list-style-type: none"> - Expected impact on identified cultural heritage landscapes within the Site-vicinity Study Area. <p>Data Collection and Field Work</p> <ul style="list-style-type: none"> - Background research of archival, published and unpublished sources, municipal heritage policies, and historic maps and aerial imagery. - Consultation with municipal heritage planner, if available. - Review of identified cultural heritage resources as part of Official Plan. - Field investigation to document and evaluate existing conditions. <p>Qualitative Evaluation of 'Alternative Methods'</p> <ul style="list-style-type: none"> - Identify the risk of potential direct or indirect impacts using guidance and types identified in the MHSTCI <i>Ontario Heritage Tool Kit: Heritage Resources in the Land use Planning Process</i>. - Rank each 'Alternative Method' based on differences 	<p>Data Sources</p> <ul style="list-style-type: none"> - Existing site-specific aArchaeological assessment reports. - Ontario Archaeological Sites Database - Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI (Now MCM)) Standards and Guidelines for Consultant Archaeologists - Haldimand County Official Plan <p>Component / Sub-component</p> <ul style="list-style-type: none"> - Cultural Heritage Landscapes <p>Indicator(s)</p> <ul style="list-style-type: none"> - Expected impact on identified <u>known (previously recognized) and/or potential cultural heritage landscapes within the Site-vicinity and Study Area.</u> <p>Data Collection and Field Work</p> <ul style="list-style-type: none"> - Background research of archival, published and unpublished sources, municipal heritage policies, and historic maps and aerial imagery. - Consultation with municipal heritage planner, if available. - <u>Consultation with indigenous communities</u> - <u>Consultation with Haldimand's Municipal Heritage Committee</u> - Review of identified cultural heritage resources as part of Official Plan. - <u>Screen for known (previously recognized) or potential BHR/CHL within the project study area by using the Ministry checklist, Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes</u> - <u>Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment, if recommended</u> <p>Qualitative Evaluation of 'Alternative Methods'</p> <ul style="list-style-type: none"> - Identify the risk of potential direct or indirect impacts using guidance and types identified in the MHSTCI <i>Ontario Heritage Tool Kit: Heritage Resources in the Land use Planning Process</i>. - <u>[See comment 2 above] Describe the existing baseline cultural heritage conditions within the study area by identifying all known (previously recognized) and/or potential built heritage resources and cultural heritage landscapes, including a historical summary of the study area.</u> - Rank each 'Alternative Method' based on differences - Describe advantages and disadvantages of the 'Alternative Methods'.

#	Document Section	Given Text	MCM Comments
		<ul style="list-style-type: none"> - Describe advantages and disadvantages of the 'Alternative Methods'. <p>Prediction of Potential Effects for the Preferred 'Alternative Method'</p> <ul style="list-style-type: none"> - Determine the potential magnitude, reversibility extent, duration, and frequency of each type of impact, if present. - Methods to predict potential effects following guidance provided in the MHSTCI <i>Ontario Heritage Tool Kit: Heritage Resources in the Land use Planning Process</i>. - Methods to consist of identifying key vistas and views, sources of direct and indirect impact resulting from construction and operation, and preferred landfill expansion and conservation measures to reduce or avoid impact to cultural heritage landscapes. - Complete a cultural heritage resources impact assessment. <p>Data Sources</p> <ul style="list-style-type: none"> - Description of proposed expansion alternatives (including construction operations to determine sources of impacts) - Preferred landfill design - Existing site-specific studies, if available - Applicable provincial plans, acts, regulations, standards and guidelines, and policies - Haldimand County Official Plan - Local Historical Society, if available <p>Component / Sub -component</p> <ul style="list-style-type: none"> - Built Heritage Resources <p>Indicator(s)</p>	<p>Prediction of Potential Effects for the Preferred 'Alternative Method'</p> <ul style="list-style-type: none"> - Determine the potential magnitude, reversibility extent, duration, and frequency of each type of impact, if present. - Methods to predict potential effects following guidance provided in the MHSTCI <i>Ontario Heritage Tool Kit: Heritage Resources in the Land use Planning Process</i>. - Methods to consist of identifying key vistas and views, sources of direct and indirect impact resulting from construction and operation, and preferred landfill expansion and conservation measures to reduce or avoid impact to cultural heritage landscapes. - Complete a cultural heritage resources impact assessment. <u>[See comment 2 above] Identify preliminary potential project-specific impacts on the known and potential built heritage resources and cultural heritage landscapes that have been identified and recommend measures to avoid or mitigate potential negative impacts to known or potential built heritage resources and cultural heritage landscapes.</u> <p>Data Sources</p> <ul style="list-style-type: none"> - Description of proposed expansion alternatives (including construction operations to determine sources of impacts) - Preferred landfill design - Existing site-specific studies, if available - Applicable provincial plans, acts, regulations, standards and guidelines, and policies - Haldimand County Official Plan - Local Historical Society, if available <u>Haldimand's Municipal Heritage Committee</u> - <u>Screen for known (previously recognized) or potential BHR/CHL within the project study area by using the Ministry checklist, Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes</u> - <u>Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment, if recommended</u> - <u>Indigenous communities</u> <p>Component / Sub-component</p>

#	Document Section	Given Text	MCM Comments
		<ul style="list-style-type: none"> - Expected impact on identified cultural heritage resources within the Site-vicinity Study Area. <p>Data Collection and Field Work</p> <ul style="list-style-type: none"> - Background research of archival, published and unpublished sources, municipal heritage policies, and historic maps and aerial imagery. - Consultation with municipal heritage planner, if available. - Review of identified cultural heritage resources as part of Official Plan. - Field investigation to document and evaluate existing conditions. <p>Qualitative Evaluation of 'Alternative Methods'</p> <ul style="list-style-type: none"> - Identify the risk of potential direct or indirect impacts using guidance and types identified in the MHSTCI Ontario Heritage Tool Kit: Heritage Resources in the Land use Planning Process. - Rank each 'Alternative Method' based on differences - Describe advantages and disadvantages of the 'Alternative Methods'. <p>Prediction of Potential Effects for the Preferred 'Alternative Method'</p> <ul style="list-style-type: none"> - Determine the potential magnitude, reversibility extent, duration, and frequency of each type of impact, if present. - Methods to predict potential effects following guidance provided in the MHSTCI Ontario Heritage Tool Kit: Heritage Resources in the Land use Planning Process - Methods to consist of identifying key vistas and views, sources of direct and indirect impact resulting from construction and operation, and preferred landfill expansion and conservation 	<ul style="list-style-type: none"> - Built Heritage Resources Indicator(s) - Expected impact on identified <u>known (previously recognized) and/or potential</u> cultural heritage resources within the Site-vicinity Study Area. <p>Data Collection and Field Work</p> <ul style="list-style-type: none"> - Background research of archival, published and unpublished sources, municipal heritage policies, and historic maps and aerial imagery. - Consultation with municipal heritage planner, if available. - <u>Consultation with indigenous communities</u> - <u>Consultation with Haldimand's Municipal Heritage Committee</u> - Review of identified cultural heritage resources as part of Official Plan. - <u>Screen for known (previously recognized) or potential BHR/CHL within the project study area by using the Ministry checklist, Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes</u> - <u>Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment, if recommended</u> <p>Qualitative Evaluation of 'Alternative Methods'</p> <ul style="list-style-type: none"> - Identify the risk of potential direct or indirect impacts using guidance and types identified in the MHSTCI Ontario Heritage Tool Kit: Heritage Resources in the Land use Planning Process. [See comment 2 above] <u>Describe the existing baseline cultural heritage conditions within the study area by identifying all known or potential built heritage resources and cultural heritage landscapes, including a historical summary of the study area.</u> - Rank each 'Alternative Method' based on differences - Describe advantages and disadvantages of the 'Alternative Methods'. <p>Prediction of Potential Effects for the Preferred 'Alternative Method'</p> <ul style="list-style-type: none"> - Determine the potential magnitude, reversibility extent, duration, and frequency of each type of impact, if present. - Methods to predict potential effects following guidance provided in the MHSTCI Ontario Heritage Tool Kit: Heritage Resources in the Land use Planning Process - Methods to consist of identifying key vistas and views, sources of direct and indirect impact resulting from construction and operation, and preferred landfill

#	Document Section	Given Text	MCM Comments
		<p>measures to reduce or avoid impact to cultural heritage landscapes.</p> <ul style="list-style-type: none"> - Complete a cultural heritage resources impact assessment. <p>Data Sources</p> <ul style="list-style-type: none"> - Description of proposed expansion alternatives (including construction operations to determine sources of impacts) - Preferred landfill design - Existing site-specific studies, if available - Applicable provincial plans, acts, regulations, standards and guidelines, and policies - Haldimand County Official Plan - Local Historical Society, if available 	<p>expansion and conservation measures to reduce or avoid impact to cultural heritage landscapes.</p> <ul style="list-style-type: none"> - <u>Complete a cultural heritage resources impact assessment: [See comment 2 above] Identify preliminary potential project-specific impacts on the known and potential built heritage resources and cultural heritage landscapes that have been identified and recommend measures to avoid or mitigate potential negative impacts to known or potential built heritage resources and cultural heritage landscapes.</u> <p>Data Sources</p> <ul style="list-style-type: none"> - Description of proposed expansion alternatives (including construction operations to determine sources of impacts) - Preferred landfill design - Existing site-specific studies, if available - Applicable provincial plans, acts, regulations, standards and guidelines, and policies - Haldimand County Official Plan - Local Historical Society, if available <u>Haldimand's Municipal Heritage Committee</u> - <u>Screen for known (previously recognized) or potential BHR/CHL within the project study area by using the Ministry checklist, Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes</u> - <u>Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment, if recommended</u> - <u>Indigenous communities</u>

Edmond, Trish

From: Scott Keys <skeys@bhncdsb.ca>
Sent: February 2, 2023 7:42 AM
To: Robinson, Joel; Linda Luciani
Cc: Petar Kolundzija; Edmond, Trish
Subject: RE: Draft Terms of Reference for the Proposed Stelco Quarry Landfill Expansion

Categories: Blue Category

Good Morning,

I guess I am a little confused as to our School Board's participation in this assessment. I am not familiar with this process or what would be required as inputs into this process. If you could shed some light, it would be appreciated.

Thanks.

Sincerely,
Scott



Scott Keys, CPA, CA
Superintendent of Business & Treasurer
Brant Haldimand Norfolk Catholic District School Board
[@BHNBusServices](https://twitter.com/BHNBusServices)

 Please consider the environment before printing this email.

From: Robinson, Joel <joel.robinson@wsp.com>
Sent: Wednesday, February 1, 2023 2:07 PM
To: Scott Keys <skeys@bhncdsb.ca>; Linda Luciani <lluciani@bhncdsb.ca>
Cc: Petar Kolundzija <Petar.Kolundzija@stelco.com>; Edmond, Trish <trish.edmond@wsp.com>
Subject: Draft Terms of Reference for the Proposed Stelco Quarry Landfill Expansion

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Hello,

We wanted to follow-up and see if you have any questions or comments related to the Draft - Proposed Terms of Reference (ToR) for the Environmental Assessment of the Proposed Quarry Landfill Expansion. The draft ToR is available for public review and comment from January 6, 2023 to February 3, 2023 for a four-week review period. Attached is our initial email where the draft ToR was distributed for reference. Please let us know if you have any questions or if you plan on providing comments and require more time.

Thank you,
Joel



Joel Robinson, P.Geo.

Hydrogeologist

T+ 1 705-722-4492

M+ 1 249-535-1009

WSP Global Inc.
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Barrie, Ontario
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Edmond, Trish

From: Robinson, Joel
Sent: February 2, 2023 3:04 PM
To: Scott Keys; Linda Luciani
Cc: Petar Kolundzija; Edmond, Trish
Subject: RE: Draft Terms of Reference for the Proposed Stelco Quarry Landfill Expansion

Hi Scott,

The Brant Haldimand Norfolk Catholic District School Board was identified as a Government Review Team stakeholder as part of this Environmental Assessment (EA) because it has been proposed that disposal of historical non-hazardous steel making secondary materials from the Hamilton Works Facility would be transported to the Quarry Landfill, at the Lake Erie Works Facility. As your School Board is within the area where potential routes could be selected, the Ministry expects that School Boards are consulted. Since we are only at the draft Terms of Reference (ToR) stage, the volume of trucks, duration and routes have not been decided on, but those details will become available in later stages of the EA. If you would like your School Board to be removed from the consultation list, we can do that or we can continue to circulate material for review and comment. Please let us know how you would like to proceed.

Best regards,
Joel



Joel Robinson, P.Geo.

Hydrogeologist

T+ 1 705-722-4492

M+ 1 249-535-1009

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Sent: February 2, 2023 7:42 AM
To: Robinson, Joel <joel.robinson@wsp.com>; Linda Luciani <lluciani@bhncdsb.ca>
Cc: Petar Kolundzija <Petar.Kolundzija@stelco.com>; Edmond, Trish <trish.edmond@wsp.com>
Subject: RE: Draft Terms of Reference for the Proposed Stelco Quarry Landfill Expansion

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Sincerely,
Scott



Scott Keys, CPA, CA

Superintendent of Business & Treasurer

Brant Haldimand Norfolk Catholic District School Board

[@BHNBusServices](#)



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Sent: Wednesday, February 1, 2023 2:07 PM
To: Scott Keys <skeys@bhncdsb.ca>; Linda Luciani <lluciani@bhncdsb.ca>
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Thank you,
Joel



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Government Review Team

Proposal: Quarry Landfill Expansion, Stelco Lake Erie Works, Nanticoke Draft Terms of Reference (ToR)

Proponent: Stelco

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
13				
Ministry of Citizenship and Multiculturalism Joseph Harvey, Heritage Planner Heritage Planning Unit				
1.	Throughout the Documentation	<p>The ministry name should be revised from 'Ministry of Heritage, Sport, Tourism and Culture Industries' to the 'Ministry of Citizenship and Multiculturalism (MCM)'. We also encourage the team to contact the Ministry of Tourism, Culture and Sport to see whether they would have any interests on this undertaking:</p> <ul style="list-style-type: none"> • Deborah Cope, Manager (Acting) Culture Policy and Services Unit (Tourism, Culture and Sport) 647-292-8261 deborah.cope@ontario.ca • Shipra Vyas, Manager Tourism Policy Unit (Tourism, Culture and Sport) 416-727-2884 shipra.vyas@ontario.ca 		Acknowledged. The Ministry name has been updated throughout the ToR. The two contacts from the Ministry of Tourism, Culture and Sport have been added to the distribution list for this project.
2.	4.8 (Cultural Heritage) p. 16-19	<p>Our understanding is that this section should contain a brief or preliminary description of the existing environment in order to gain a contextual understanding of the problem or opportunity as well as an understanding of the potential environmental effects that should be examined (ToR Code of Practice; MECP, 2014). So in the case of cultural heritage, we recommend that the preliminary overview of the existing conditions includes whether the study area has been previously assessed and how the proponent will determine the project's potential impact on known (previously recognized) and potential</p>	<p>We included some suggested language for Section 4.8 of the ToR for your consideration:</p> <p><u><i>4.8 Cultural Heritage Resources</i></u> <i>Cultural heritage resources include archaeological resources, built heritage resources and cultural heritage landscapes.</i></p> <p><u><i>4.8.1 Archaeological Resources</i></u> <i>The screening checklist, Criteria for Evaluating Archaeological Potential, developed by the</i></p>	<p>Acknowledged. Changes to the ToR are as noted below. The suggested language uses wording more in alignment with the EA studies to be completed.</p> <p>It is correct that the ToR should contain a brief or preliminary description of the existing environment in order to gain a contextual understanding of the problem or opportunity as well as an understanding of the potential environmental effects that should be examined. Section 4.8 has been updated</p>

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
		<p>cultural heritage resources. We recommend revising this section accordingly.</p> <p><i>Archaeological Resources</i> Section 4.8.1 currently includes an overview of archaeological assessments undertaken within Lake Erie Industrial Park. Please provide MCM with the Project Information Form numbers (PIF#) for these archaeological assessments.</p> <p>This section should also indicate whether the site study area has archaeological potential. The Ministry's Criteria for Evaluating Archaeological Potential can be used to determine if an archaeological assessment is needed. MCM archaeological sites data are available at archaeology@ontario.ca.</p> <p>If the site study area exhibits archaeological potential, then an archaeological assessment (AA) shall be undertaken by an archaeologist licenced under the Ontario Heritage Act (OHA), who is responsible for submitting the report directly to MCM for review.</p> <p>Please note that archaeological concerns have not been addressed until reports have been entered into the Ontario Public Register of Archaeological Reports where those reports recommend that:</p> <ul style="list-style-type: none"> • the archaeological assessment of the project area is complete and • all archaeological sites identified by the assessment are either of no further cultural heritage value or interest (as per Section 48(3) of the Ontario Heritage Act) or that mitigation of impacts has been accomplished through an avoidance and protection strategy. 	<p><i>Ministry of Heritage, Sport, Tourism and Culture Industries (now the Ministry of Citizenship and Multiculturalism) was completed indicating that the site study area is of low archaeological potential. (if it is the case)</i></p> <p><i>Should previously undocumented archaeological resources be discovered, they may be a new archaeological site and therefore subject to Section 48(1) of the Ontario Heritage Act. The proponent or person discovering the archaeological resources must cease alteration of the site immediately and engage a licensed consultant archaeologist to carry out an archaeological assessment, in compliance with Section 48(1) of the Ontario Heritage Act.</i></p> <p><i>The Funeral, Burial and Cremation Services Act, 2002, S.O. 2002, c.33 requires that any person discovering human remains must cease all activities immediately and notify the police or coroner. If the coroner does not suspect foul play in the disposition of the remains, in accordance with Ontario Regulation 30/11 the coroner shall notify the Registrar, Ontario Ministry of Public and Business Service Delivery, which administers provisions of that Act related to burial sites. In situations where human remains are</i></p>	<p>with an introductory paragraph to explain this is a preliminary summary of existing conditions, noting that the area has not been studied before and a complete account of existing conditions will be developed in the EA. Section 4.8 has also been updated to note that the landfill expansion area does have archeological potential. As noted in Section 7.6, Table 7-3, an archaeological assessment is planned as part of the EA. It is acknowledged that this assessment needs to be undertaken by an archaeologist licensed under the Ontario Heritage Act. It is also acknowledged that archaeological concerns are not considered to have been addressed until the reports have been entered into the Ontario Public Register of Archaeological Reports. Given the timeline of this EA, any assessments completed will be submitted with a request for expedited review.</p> <p>Section 4.8.1 has been updated to include Project Information Form numbers of the assessments referenced.</p>

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			<p><i>associated with archaeological resources, the Ministry of Citizenship and Multiculturalism should also be notified (at archaeology@ontario.ca) to ensure that the archaeological site is not subject to unlicensed alterations which would be a contravention of the Ontario Heritage Act.</i></p> <p><i>Or</i></p> <p><i>The screening checklist, Criteria for Evaluating Archaeological Potential, developed by the Ministry of Heritage, Sport, Tourism and Culture Industries (now the Ministry of Citizenship and Multiculturalism) was completed indicating site study area has archaeological potential.</i></p> <p><i>At minimum, Stage 1 archaeological assessment (AA) will be undertaken by an archaeologist licenced under the Ontario Heritage Act (OHA), who is responsible for submitting the report directly to MCM for during preliminary design.</i></p> <p><i>Further archaeological assessments (e.g., Stage 2-4), if recommended, will be undertaken as early as possible during detailed design and prior to any ground disturbing activities.</i></p>	

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
			<p><i>Should previously undocumented archaeological resources be discovered, they may be a new archaeological site and therefore subject to Section 48(1) of the Ontario Heritage Act. The proponent or person discovering the archaeological resources must cease alteration of the site immediately and engage a licensed consultant archaeologist to carry out an archaeological assessment, in compliance with Section 48(1) of the Ontario Heritage Act.</i></p> <p><i>The Funeral, Burial and Cremation Services Act, 2002, S.O. 2002, c.33 requires that any person discovering human remains must cease all activities immediately and notify the police or coroner. If the coroner does not suspect foul play in the disposition of the remains, in accordance with Ontario Regulation 30/11 the coroner shall notify the Registrar, Ontario Ministry of Public and Business Service Delivery, which administers provisions of that Act related to burial sites. In situations where human remains are associated with archaeological resources, the Ministry of Citizenship and Multiculturalism should also be notified (at archaeology@ontario.ca) to ensure that the archaeological site is not subject to unlicensed alterations which would be a</i></p>	

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		<p><i>Built heritage Resources and Cultural Heritage Landscapes</i> Section 4.8.1 seems to refer to a Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment. WSP confirmed via email (dated, January 26, 2023) that a Cultural Heritage Report has not been completed.</p> <p>The draft report states that “the cultural heritage existing conditions review identified no built heritage resources (BHR) nor cultural heritage landscapes (CHL) adjacent to or within the vicinity of the Quarry Landfill site”. It is not clear how the team arrived at this conclusion. As a first step, we recommend the screening checklist, Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes, developed by the Ministry of Heritage, Sport, Tourism and Culture Industries (now the Ministry of Citizenship and Multiculturalism), be completed to determine whether there are known (previously recognized) or potential BHR/CHL within the project study area.</p> <p>If the checklist indicates low potential for known (previously recognized) or potential BHR/CHL, then the checklist along with supporting documentation should be included in the EA Report.</p> <p>If the checklist indicates that there is known (previously recognized) or potential BHR/CHL then a Cultural Heritage Report shall be undertaken for the entire study area during</p>	<p><i>contravention of the Ontario Heritage Act.</i></p> <p><i>4.8.2 Built Heritage Resources and Cultural Heritage Landscapes</i> <i>The screening checklist, Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes, developed by the Ministry of Heritage, Sport, Tourism and Culture Industries (now the Ministry of Citizenship and Multiculturalism), was completed and determined the site study area to have low potential for built heritage resources and cultural heritage landscapes. Therefore, no technical cultural heritage studies will be undertaken. (Completed checklist along with supporting documentation to be included as an Appendix)</i> <i>or</i> <i>The screening checklist, Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes, developed by the Ministry of Heritage, Sport, Tourism and Culture Industries (now the Ministry of Citizenship and Multiculturalism), was completed and determined the site study area to have potential for built heritage resources and cultural heritage landscapes.</i></p> <p><i>A Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment</i></p>	<p>Acknowledged. Changes to the ToR are as noted below. The suggested language uses wording more in alignment with the EA studies to be completed.</p> <p>Neither Section 4.8.1 nor 4.8.2 refer to a Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment. Section 4.8.2 references a cultural heritage existing conditions review.</p> <p>Section 4.8 has been updated to note a complete existing conditions summary will be provided during the EA using appropriate methods. Section 4.8.2 of the ToR has been updated to identify a study has not been completed, but rather some preliminary comments on observations related to built heritage resources and cultural heritage landscapes existing conditions are provided. Lastly, Section 4.8 has been re-arranged to outline how the statement quoted was provided.</p> <p>The screening checklist will be completed during the EA as noted in Section 7.6 Table 7-3 of the ToR. The associated documentation of Cultural Heritage Report will also be provided at that time. It is acknowledged that a Cultural Heritage Report, if required, will be undertaken by a qualified person who has expertise, recent experience, and knowledge relevant to the type of cultural heritage resources being considered and the</p>

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
		<p>the planning phase and will be summarized in the EA Report. This study will:</p> <ol style="list-style-type: none"> 1. Describe the existing baseline cultural heritage conditions within the study area by identifying all known or potential built heritage resources and cultural heritage landscapes, including a historical summary of the study area. The Ministry has developed screening criteria that may assist with this exercise: Criteria for Evaluating for Potential Built Heritage Resources and Cultural Heritage Landscapes. 2. Identify preliminary potential project-specific impacts on the known and potential built heritage resources and cultural heritage landscapes that have been identified. The report should include a description of the anticipated impact to each known or potential built heritage resource or cultural heritage landscape that has been identified. 3. Recommend measures to avoid or mitigate potential negative impacts to known or potential built heritage resources and cultural heritage landscapes. The proposed mitigation measures are to inform the next steps of project planning and design. <p>Cultural Heritage Reports will be undertaken by a qualified person who has expertise, recent experience, and knowledge relevant to the type of cultural heritage resources being considered and the nature of the activity being proposed.</p> <p>Community input should be sought to identify locally recognized and potential cultural heritage resources. Sources include, but are</p>	<p><i>will be undertaken for the entire study area. This study will:</i></p> <ol style="list-style-type: none"> <i>1. Describe the existing baseline conditions within the study area.</i> <i>2. Identify preliminary potential project-specific impacts on the known and potential built heritage resources and cultural heritage landscapes.</i> <i>3. Recommend measures to avoid or mitigate potential negative impacts to known or potential built heritage resources and cultural heritage landscapes</i> <p><i>Step 1 will inform the Evaluation of 'Alternative Methods', and Steps 2 and 3 will be used to inform the Prediction of Potential Effects for the Preferred 'Alternative Method [See also comment 7 below].</i></p> <p><i>If potential impacts to built heritage resources and cultural heritage landscapes are identified, further technical cultural heritage studies (e.g., Cultural Heritage Evaluation Reports, Heritage Impact Assessments and Conservation Plans) may be recommended. All technical cultural heritage studies will be undertaken as part of the EA report.</i></p>	<p>nature of the activity being proposed.</p>

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
		<p>not limited to, municipal heritage committees, historical societies and other local heritage organizations.</p> <p>Cultural heritage resources are often of critical importance to Indigenous communities. Indigenous communities may have knowledge that can contribute to the identification of cultural heritage resources, and we suggest that any engagement with Indigenous communities includes a discussion about known or potential cultural heritage resources that are of value to them.</p> <p>Further technical cultural heritage studies (e.g., Cultural Heritage Evaluation Reports, Heritage Impact Assessments and Conservation Plans) may be required if potential impacts to built heritage resources and cultural heritage landscapes are identified.</p>		
		<p>Figure 4-2 (Lake Erie Works Nearby Significant Natural Features) should be moved to the appropriate section as it does not relate to the cultural heritage environment. It would be helpful to include a map depicting the areas previously assessed archaeologically.</p>		<p>Acknowledged. The location of Figure 4-2 has been moved. It is not considered necessary to provide a Figure in the ToR to show the location of the previous archaeological studies, since their general location is described in the text. The location of the previous studies will be provided on a figure in the EA as part of the assessment of existing archaeological conditions in the area of the proposed Quarry Landfill expansion.</p>
3.	5.2 (Environmental Commitments) Table 5-1 p. 21-23	<p>We recommend the following revisions for consistency with revised section 4.8.</p> <p>Environmental Component</p> <ul style="list-style-type: none"> • Cultural Heritage 		<p>Acknowledged. Most of the requested revisions have been made within Section 5.2, Table 5-1, noting that the data sources Indigenous communities and County of Haldimand Municipal Heritage Committee were not added, as this comparison of 'Alternatives To' was already completed and presented to the</p>

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
		<p>Evaluation Criteria/Criterion</p> <ul style="list-style-type: none"> • Potential effects on archaeological resources • Potential effects on cultural heritage landscapes and built heritage resources <p>Rationale for Including the Criteria/Criterion</p> <ul style="list-style-type: none"> • Archaeological resources or areas of archaeological potential may be impacted by site construction and operations • Previously identified and/or potential cultural heritage landscapes and built heritage resources may be impacted by site construction and operations <p>Indicators</p> <ul style="list-style-type: none"> • Archaeological sites or areas of archaeological potential • Identified known or potential cultural heritage landscapes/ built heritage resources <p>Data Sources</p> <ul style="list-style-type: none"> • Haldimand County Official Plan • Indigenous communities • County of Haldimand Municipal Heritage Committee • Previous technical cultural heritage studies (e.g., archaeological assessments, cultural heritage evaluation reports) 		public without these sources.
4.	<p>5.4 (Comparative Evaluation of 'Alternatives To')</p> <p>Table 5-3</p> <p>p.32</p>	<p>We recommend the following revisions consistent with our comments above:</p> <p>Table 5-3</p> <p>Consideration</p> <ul style="list-style-type: none"> • Potential effects on archaeological resources 		<p>Acknowledged. Most revisions suggested have been made noting in response to a comment from MECP Table 5-3 from the draft ToR has been moved to Supporting Document #2, a new supporting document to the ToR. It is noted that criteria presented in Table 5-1 must be presented consistently in former Table 5-3. Additional text added to former Table 5-3 pertaining to Alternative 2 and</p>

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
		<ul style="list-style-type: none"> Potential effects on known and/or potential cultural heritage landscapes and built heritage resources <p>Alternative 2 states the expansion could result in new areas which are previously disturbed and developed and the provincial approvals regarding archaeology would be required. See comment 2 above. Please clarify whether there are areas of archaeological potential that could be impacted and therefore require archaeological assessment as per the requirements of the OHA.</p> <p>Similarly, potential impacts to known (previously recognized) or potential BHR/CHL within the project study area need to be confirmed. Please see comment 2 above.</p>		archaeological potential as well as built heritage resource and cultural heritage landscape potential. This additional text did not change the conclusions of the assessment.
5.	5.4 (Comparative Evaluation of 'Alternatives To') Table 5-4 p. 36	<p>Component</p> <ul style="list-style-type: none"> Cultural Heritage <p>Sub-component</p> <ul style="list-style-type: none"> Archaeology Resources Cultural heritage landscapes and built heritage resources 		Acknowledged. Changes requested have been made.
6.	7.2 (Study Areas) Table 7-1 p. 43	<p>Environmental Component</p> <ul style="list-style-type: none"> Archaeological Resources <p>Preliminary Area(s) to be Studied</p> <ul style="list-style-type: none"> Site <p>Rationale</p> <ul style="list-style-type: none"> Potential disturbance of archaeological resources will be limited to areas associated with the landfill expansion 		Acknowledged. Changes requested have been made.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
7.	7.2 (Study Areas) Table 7-1 p. 43	<p>We are assuming that this relates to BHR/CHL.</p> <p>Environmental Component</p> <ul style="list-style-type: none"> • Cultural Heritage landscapes and Built Heritage Resources <p>Preliminary Area(s) to be Studied</p> <ul style="list-style-type: none"> • Site and Site-vicinity <p>Rationale [Please clarify the intent of this sentence and see also comments 2 and 4]</p> <ul style="list-style-type: none"> • In accordance with the Ministry of Citizenship and Multiculturalism (MCM) requirements for cultural studies, the area of study will extend to the extent of all properties adjacent to the landfill boundary 		Acknowledged. Changes requested have been made.
8.	7.3 (Environmental Components, Criteria and Indicators for 'Alternative Methods') p. 45-46	<p>We recommend the following revisions consistent with our comments above: ...</p> <p>The environmental components include natural, social, economic, cultural and built environment within this EA cover the broad definition of the environment and are:</p> <ul style="list-style-type: none"> • ... • Cultural heritage (archaeological resources, built heritage resources and cultural heritage landscapes); • ... <p>Table 7-2</p> <p>Component / Sub-component</p> <ul style="list-style-type: none"> • Cultural Heritage Resources/ Archaeological Resources <p>Rationale for Including the Evaluation Criterion/Criteria</p>		Acknowledged. Changes requested have been made with the exception of changing the name of the study area, as the current name is consistent with EA requirements.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
		<ul style="list-style-type: none"> • A horizontal landfill expansion has the potential to affect archaeological resources <p>Evaluation Criterion/Criteria</p> <ul style="list-style-type: none"> • Potential effects on archaeological resources and areas of archaeological potential <p>Indicator(s)</p> <ul style="list-style-type: none"> • Expected impacts to archaeological resources on-site <p>Component / Sub-component</p> <ul style="list-style-type: none"> • Cultural Heritage Resources/ Cultural Heritage Landscapes <p>Rationale for Including the Evaluation Criterion/Criteria</p> <ul style="list-style-type: none"> • Identified known (previously recognized) and/or potential cultural heritage landscapes can be impacted by the landfill expansion. Evaluation Criterion/Criteria • Potential effects on known (previously recognized) and/or potential cultural heritage landscapes <p>Indicator(s)</p> <ul style="list-style-type: none"> • Expected impact on identified known and/or potential cultural heritage landscapes within the Site-vicinity and Study Area. <p>Component / Sub-component</p> <ul style="list-style-type: none"> • Cultural Heritage Resources/ Built Heritage Resources <p>Rationale for Including the Evaluation Criterion/Criteria</p>		

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
		<ul style="list-style-type: none"> • Identified known (previously recognized) or potential built heritage resources could be impacted by the landfill expansion <p>Evaluation Criterion/Criteria</p> <ul style="list-style-type: none"> • Potential effects on known (previously recognized) and/or potential built heritage resources <p>Indicator(s)</p> <ul style="list-style-type: none"> • Expected impact of identified known or potential built heritage resources within the Site-vicinity and Study Area 		
9.	7.6 (Work Plans for the EA) Table 7-3 p. 59-61	<p>We recommend the following revisions consistent with our comments above:</p> <p>Component / Sub-component</p> <ul style="list-style-type: none"> • Archaeological resources <p>Indicator(s)</p> <ul style="list-style-type: none"> • Expected impacts to archaeological resources on-site <p>Data Collection and Field Work</p> <ul style="list-style-type: none"> • Screen for archaeological potential using the Ministry's Criteria for Evaluating Archaeological Potential • Complete Stage 1 Archaeological Assessment. If recommended, complete subsequent Stages of archaeological assessment. See also comment 2. <p>Qualitative Evaluation of 'Alternative Methods'</p> <ul style="list-style-type: none"> • Identify archaeological sites and areas of archaeological potential that are anticipated to be impacted by expansion alternatives. • Rank each 'Alternative Method' based on the differences. 		Acknowledged. Most changes requested have been made with the exception of 1) changing the name of the study area and 2) that if recommended a Cultural Heritage Report will be completed at the Prediction of the Potential Effects step and not at the Data Collection and Field Work step.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
		<ul style="list-style-type: none"> • Describe advantages and disadvantages of the 'Alternative Methods'. <p>Prediction of Potential Effects for the Preferred 'Alternative Method'</p> <ul style="list-style-type: none"> • Areas of archaeological potential impacted by the preferred expansion alternative will require further archaeological assessment <p>Data Sources</p> <ul style="list-style-type: none"> • Archaeological assessment reports. • Ontario Archaeological Sites Database • Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI (Now MCM)) Standards and Guidelines for Consultant Archaeologists • Haldimand County Official Plan <p>Component / Sub-component</p> <ul style="list-style-type: none"> • Cultural Heritage Landscapes <p>Indicator(s)</p> <ul style="list-style-type: none"> • Expected impact on identified known (previously recognized) and/or potential cultural heritage landscapes within the Site-vicinity and Study Area. <p>Data Collection and Field Work</p> <ul style="list-style-type: none"> • Background research of archival, published and unpublished sources, municipal heritage policies, and historic maps and aerial imagery. • Consultation with municipal heritage planner, if available. • - Consultation with indigenous communities • Consultation with Haldimand's Municipal Heritage Committee • Review of identified cultural heritage resources as part of Official Plan. 		

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
		<ul style="list-style-type: none"> • Screen for known (previously recognized) or potential BHR/CHL within the project study area by using the Ministry checklist, Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes • Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment, if recommended <p>Qualitative Evaluation of 'Alternative Methods'</p> <ul style="list-style-type: none"> • [See comment 2 above] Describe the existing baseline cultural heritage conditions within the study area by identifying all known (previously recognized) and/or potential built heritage resources and cultural heritage landscapes, including a historical summary of the study area. • Rank each 'Alternative Method' based on differences • Describe advantages and disadvantages of the 'Alternative Methods' <p>Prediction of Potential Effects for the Preferred 'Alternative Method'</p> <ul style="list-style-type: none"> • Determine the potential magnitude, reversibility extent, duration, and frequency of each type of impact, if present. • Methods to predict potential effects following guidance provided in the <i>MHSTCI Ontario Heritage Tool Kit: Heritage Resources in the Land use Planning Process</i>. • Methods to consist of identifying key vistas and views, sources of direct and indirect impact resulting from construction and operation, and preferred landfill expansion and conservation measures to reduce or 		

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
		<p>avoid impact to cultural heritage landscapes.</p> <ul style="list-style-type: none"> • [See comment 2 above] Identify preliminary potential project-specific impacts on the known and potential built heritage resources and cultural heritage landscapes that have been identified and recommend measures to avoid or mitigate potential negative impacts to known or potential built heritage resources and cultural heritage landscapes. <p>Data Sources</p> <ul style="list-style-type: none"> • Description of proposed expansion alternatives (including construction operations to determine sources of impacts) • Preferred landfill design • Existing site-specific studies, if available • Applicable provincial plans, acts, regulations, standards and guidelines, and policies • Haldimand County Official Plan • Haldimand's Municipal Heritage Committee • Screen for known (previously recognized) or potential BHR/CHL within the project study area by using the Ministry checklist, Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes • Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment, if recommended • Indigenous communities <p>Component / Sub-component</p> <ul style="list-style-type: none"> • Built Heritage Resources <p>Indicator(s)</p>		

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
		<ul style="list-style-type: none"> • - Expected impact on identified known (previously recognized) and/or potential cultural heritage resources within the Site- vicinity Study Area. <p>Data Collection and Field Work</p> <ul style="list-style-type: none"> • Background research of archival, published and unpublished sources, municipal heritage policies, and historic maps and aerial imagery. • Consultation with municipal heritage planner, if available. • Consultation with indigenous communities • Consultation with Haldimand's Municipal Heritage Committee • Review of identified cultural heritage resources as part of Official Plan. • Screen for known (previously recognized) or potential BHR/CHL within the project study area by using the Ministry checklist, Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes • Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment, if recommended <p>Qualitative Evaluation of 'Alternative Methods'</p> <ul style="list-style-type: none"> • [See comment 2 above] Describe the existing baseline cultural heritage conditions within the study area by identifying all known or potential built heritage resources and cultural heritage landscapes, including a historical summary of the study area. • Rank each 'Alternative Method' based on differences • Describe advantages and disadvantages of the 'Alternative Methods'. 		

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
		<p>Prediction of Potential Effects for the Preferred 'Alternative Method"</p> <ul style="list-style-type: none"> • Determine the potential magnitude, reversibility extent, duration, and frequency of each type of impact, if present. • Methods to predict potential effects following guidance provided in the MHSTCI Ontario Heritage Tool Kit: Heritage Resources in the Land use Planning Process • Methods to consist of identifying key vistas and views, sources of direct and indirect impact resulting from construction and operation, and preferred landfill expansion and conservation measures to reduce or avoid impact to cultural heritage landscapes. • [See comment 2 above] Identify preliminary potential project-specific impacts on the known and potential built heritage resources and cultural heritage landscapes that have been identified and recommend measures to avoid or mitigate potential negative impacts to known or potential built heritage resources and cultural heritage landscapes. <p>Data Sources</p> <ul style="list-style-type: none"> • Description of proposed expansion alternatives (including construction operations to determine sources of impacts) • Preferred landfill design • - Existing site-specific studies, if available • Applicable provincial plans, acts, regulations, standards and guidelines, and policies • Haldimand County Official Plan 		

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
		<ul style="list-style-type: none"> • Haldimand's Municipal Heritage Committee • Screen for known (previously recognized) or potential BHR/CHL within the project study area by using the Ministry checklist, Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes • Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment, if recommended • Indigenous communities 		

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
14				
Long Point Conservation Authority Aisling Lavery, CPT Resource Planner				
1.		LPRCA has reviewed the draft ToR for Stelco's proposed quarry landfill expansion and it looks to be complete. Therefore, LPRCA has no concerns.		Acknowledged. No changes to ToR proposed.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
15				
Haldimand Health Unit Matthew Harrington, Senior Public Health Inspector Haldimand Norfolk Health Unit				
1.		The Haldimand-Norfolk Health Unit does not have any questions or comments.		Acknowledged. No changes to ToR proposed.

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
16				
Haldimand Fire Department Jason Gallagher, Manager, Emergency Services/Fire Chief Emergency Services Head Quarters				
1.		<p>I haven't had time to review the ToR completely. My concerns would be spill mitigation, environmental challenges, and having an emergency safety plan in place, which includes hazmat and fire suppression response. If you require a more detailed review, I will need more time.</p>		<p>Acknowledged. Recognizing this project is about landfill expansion, before going to the landfill the residual steel making waste needs to meet the MECP definition of solid (so no spills); as outlined in Section 1.0 of the ToR, this is for disposal of solid non-hazardous steel making secondary materials. The nature of the waste is such that it is different from municipal solid waste, does not degrade and generate heat when disposed and hence is not prone to fire as other landfills may be. Therefore, special emergency safety plan, including hazmat and fire suppression are no different than for the full Stelco LEWF operations. No changes to ToR proposed.</p>

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
17				
Fisheries and Oceans Canada Kaela Middleton, Biologist Fish and Fish Habitat Protection Program				
1.		<p>The Fisheries Act requires that projects avoid causing death of fish or any harmful alteration, disruption or destruction of fish and/or fish habitat unless authorized by the Minister of Fisheries and Oceans Canada. The Fish and Fish Habitat Protection Program of Fisheries and Oceans Canada reviews projects to ensure compliance with the Fisheries Act and Species At Risk Act.</p>		Acknowledged.
2.		<p>Please note that the Fish and Fish Habitat Protection Program is not able to provide comment regarding general planning. If planned works may cause any of the prohibited effects under the Fisheries Act or Species at Risk Act, a Request for Review form should be completed for the works and submitted to FisheriesProtection@dfo-mpo.gc.ca. To better understand the review process, please visit http://www.dfo-mpo.gc.ca/pnw-ppe/reviews-revues/requestreview-demande-d-examen-001-eng.html. The Request for Review form can be found under Step 4 at that link.</p>		<p>Acknowledged. Standard planning for EAs is that the Request for Review, if required, is completed at the end of the EA, after the project is defined and the potential project impacts are defined in the EA. Section 10.0 of the ToR has been updated to note permitting under the Fisheries Act or Species at Risk Act could be required.</p>

Comment #	Reference to EA	Reviewer Comments & Rationale	Reviewer Proposed Action/Solution	Proponent's Response
18				
Haldimand County Evelyn Eichenbaum, Manager – Clerks Division / Municipal Clerk Emergency Services Head Quarters				
1.		My understanding is that staff don't have questions or comments at this time. Please continue to keep us informed about next steps in the expansion process for potential future comment.		Acknowledged. No changes to ToR proposed.

Edmond, Trish

From: OP Habitat (DFO/MPO) <DFO.OPHabitat.MPO@dfo-mpo.gc.ca>
Sent: June 8, 2023 1:47 PM
To: Edmond, Trish; Robinson, Joel
Cc: 20136711, Stelco Quarry Lf Exp EA LakeErie
Subject: RE: Draft Terms of Reference for the Proposed Stelco Quarry Landfill Expansion

Hi Trish,

No concerns with the contents of the document at this time.

Thank you,

Kaela Middleton

Biologist | Biologiste

Fisheries and Oceans Canada | Pêches et Océans Canada

Fish and Fish Habitat Protection Program | Programme de Protection du Poisson et de Son Habitat

867 Lakeshore Road, Burlington, ON, L7S 1A1 | 867, ch. Lakeshore, Burlington, ON, L7S 1A1

From: Edmond, Trish <trish.edmond@wsp.com>
Sent: Tuesday, June 6, 2023 6:46 PM
To: OP Habitat (DFO/MPO) <DFO.OPHabitat.MPO@dfo-mpo.gc.ca>; Robinson, Joel <joel.robinson@wsp.com>
Cc: 20136711, Stelco Quarry Lf Exp EA LakeErie <120877@golder.com>
Subject: RE: Draft Terms of Reference for the Proposed Stelco Quarry Landfill Expansion

Hello Kaela,

Thank you for commenting on the Stelco Lake Erie Works Draft ToR for their Proposed Quarry Landfill Expansion. We have input your comments into a table and provided a response. Can you please take a look and let us know if your concerns at this time are satisfied.

Thanks,
Trish



Trish Edmond

Principal, Team Lead Waste - Ontario Earth & Environment
M.E.Sc., P.Eng.
She/Her

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Not Working Friday's

From: OP Habitat (DFO/MPO) <DFO.OPHabitat.MPO@dfo-mpo.gc.ca>
Sent: February 1, 2023 4:00 PM
To: Robinson, Joel <joel.robinson@wsp.com>

Cc: Petar Kolundzija <Petar.Kolundzija@stelco.com>; Edmond, Trish <trish.edmond@wsp.com>

Subject: RE: Draft Terms of Reference for the Proposed Stelco Quarry Landfill Expansion

Hello Joel,

The *Fisheries Act* requires that projects avoid causing death of fish or any harmful alteration, disruption or destruction of fish and/or fish habitat unless authorized by the Minister of Fisheries and Oceans Canada. The Fish and Fish Habitat Protection Program of Fisheries and Oceans Canada reviews projects to ensure compliance with the *Fisheries Act* and *Species At Risk Act*.

Please note that the Fish and Fish Habitat Protection Program is not able to provide comment regarding general planning. If planned works may cause any of the prohibited effects under the *Fisheries Act* or *Species at Risk Act*, a Request for Review form should be completed for the works and submitted to FisheriesProtection@dfo-mpo.gc.ca. To better understand the review process, please visit <http://www.dfo-mpo.gc.ca/pnw-ppe/reviews-revues/request-review-demande-d-examen-001-eng.html>. The Request for Review form can be found under Step 4 at that link.

Sincerely,

Kaela Middleton

Biologist | Biologiste

Fisheries and Oceans Canada | Pêches et Océans Canada

Fish and Fish Habitat Protection Program | Programme de Protection du Poisson et de Son Habitat

867 Lakeshore Road, Burlington, ON, L7S 1A1 | 867, ch. Lakeshore, Burlington, ON, L7S 1A1

From: Robinson, Joel <joel.robinson@wsp.com>

Sent: Wednesday, February 1, 2023 3:03 PM

To: OP Habitat (DFO/MPO) <DFO.OPHabitat.MPO@dfo-mpo.gc.ca>

Cc: Petar Kolundzija <Petar.Kolundzija@stelco.com>; Edmond, Trish <trish.edmond@wsp.com>

Subject: Draft Terms of Reference for the Proposed Stelco Quarry Landfill Expansion

Hello,

We wanted to follow-up and see if you have any questions or comments related to the Draft - Proposed Terms of Reference (ToR) for the Environmental Assessment of the Proposed Quarry Landfill Expansion. The draft ToR is available for public review and comment from January 6, 2023 to February 3, 2023 for a four-week review period. Attached is our initial email where the draft ToR was distributed for reference. Please let us know if you have any questions or if you plan on providing comments and require more time.

Thank you,
Joel



Joel Robinson, P.Geo.

Hydrogeologist

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L4N 8X1 Canada

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-LAEmlHhHzdJzBITWfa4Hgs7pbKl

Edmond, Trish

From: Jason Gallagher <jgallagher@HaldimandCounty.on.ca>
Sent: June 7, 2023 8:48 AM
To: Edmond, Trish; Robinson, Joel
Cc: 20136711, Stelco Quarry Lf Exp EA LakeErie
Subject: RE: [EXTERNAL] Draft Terms of Reference for the Proposed Stelco Quarry Landfill Expansion
Attachments: ~WRD0001.jpg; image001.png

Hi Trish

That is fine.

Jason Gallagher, AEMCA, CMMIII, CEMC
Haldimand County Emergency Services/Fire Chief
11 Thorburn St. S.
Cayuga
N0A1E0
Phone: 905-318-5932 Ext. 6228
Cell: 905-981-8915

----- Original message -----

From: "Edmond, Trish" <trish.edmond@wsp.com>
Date: 2023-06-06 18:43 (GMT-05:00)
To: Jason Gallagher <jgallagher@HaldimandCounty.on.ca>, "Robinson, Joel" <joel.robinson@wsp.com>
Cc: "20136711, Stelco Quarry Lf Exp EA LakeErie" <120877@golder.com>
Subject: RE: [EXTERNAL] Draft Terms of Reference for the Proposed Stelco Quarry Landfill Expansion

Hello Jason,

Thank you for commenting on the Stelco Lake Erie Works Draft ToR for their Proposed Quarry Landfill Expansion. We have input your comments into a table and provided a response. Can you please take a look and let us know if your concerns at this time are satisfied.

Thanks,
Trish

Trish Edmond
Principal, Team Lead Waste - Ontario Earth & Environment M.E.Sc, P.Eng.

She/Her

T+ 1 613-592-9600 #3246

M+1 613-799-1960

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From: Jason Gallagher <jgallagher@HaldimandCounty.on.ca>
Sent: February 1, 2023 2:29 PM
To: Robinson, Joel <joel.robinson@wsp.com>
Cc: Petar Kolundzija <Petar.Kolundzija@stelco.com>; Edmond, Trish <trish.edmond@wsp.com>
Subject: RE: [EXTERNAL] Draft Terms of Reference for the Proposed Stelco Quarry Landfill Expansion

Good Afternoon

I haven't had time to review the TOR completely. My concerns would be spill mitigation, environmental challenges, and having an emergency safety plan in place, which includes hazmat and fire suppression response. If you require a more detailed review, I will need more time.

Thank you

Jason Gallagher
Manager, Emergency Services/Fire Chief
Emergency Services Headquarters
11 Thorburn St S, Cayuga, ON N0A 1E0
Phone: 905-318-5932 x6228<tel:905-318-5932%20,,6228> Web: <[From: Robinson, Joel <joel.robinson@wsp.com>
Sent: Wednesday, February 1, 2023 1:52 PM
To: Jason Gallagher <jgallagher@HaldimandCounty.on.ca>
Cc: Petar Kolundzija <Petar.Kolundzija@stelco.com>; Edmond, Trish <trish.edmond@wsp.com>
Subject: \[EXTERNAL\] Draft Terms of Reference for the Proposed Stelco Quarry Landfill Expansion
Caution](https://urldefense.proofpoint.com/v2/url?u=https-3A__haldimandcounty.ca&d=DwMFAw&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=FkRSy58vh5bKWdIJfYFWwt9Cf-tSisTbelx0GyKxA_w&m=JQHhx-xFzHiWxisnhsSdyGMOQGwgjmOJlFe25PA4xQ&s=dzVKzyrDL6C1jh9WColraxuc4XghnLsSGBR_1_-ose0&e=>https://urldefense.proofpoint.com/v2/url?u=http-3A__HaldimandCounty.ca&d=DwQFAw&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=FkRSy58vh5bKWdIJfYFWwt9Cf-tSisTbelx0GyKxA_w&m=JQHhx-xFzHiWxisnhsSdyGMOQGwgjmOJlFe25PA4xQ&s=tKqzcnmxYRpTn9RluJIshl2WdfYtoCzXxXDy1oLlkg&e=>></p></div><div data-bbox=)

This email is NOT from a Haldimand County Employee

Hello,

We wanted to follow-up and see if you have any questions or comments related to the Draft - Proposed Terms of Reference (ToR) for the Environmental Assessment of the Proposed Quarry Landfill Expansion. The draft ToR is available for public review and comment from January 6, 2023 to February 3, 2023 for a four-week review period. Attached is our initial email where the draft ToR was distributed for reference. Please let us know if you have any questions or if you plan on providing comments and require more time.

Thank you,

Joel

Joel Robinson, P.Geol.

Hydrogeologist

T+ 1 705-722-4492

M+ 1 249-535-1009

WSP Global Inc.
121 Commerce Park Drive, Unit L
Barrie, Ontario
L4N 8X1 Canada

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Edmond, Trish

From: Harvey, Joseph (MCM) <Joseph.Harvey@ontario.ca>
Sent: June 13, 2023 1:39 PM
To: Edmond, Trish
Cc: Robinson, Joel; Deneault, Stephen (MECP); Hamilton, James (MCM)
Subject: RE: File 0014576: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Hi Trish,

Thank you for providing us with the response table. We have reviewed the table and note that our concerns have been addressed. Thank you for consulting with MCM on the Draft ToR prepared for the above referenced Quarry Landfill Expansion.

Please continue engage with us throughout the EA process. If you have any questions or require clarification, please do not hesitate to contact me.

Thanks,

Joseph Harvey | Heritage Planner
Citizenship, Inclusion and Heritage Division | Heritage Branch | Heritage Planning Unit
Ministry of Citizenship and Multiculturalism
613.242.3743
Joseph.Harvey@ontario.ca

From: Edmond, Trish <trish.edmond@wsp.com>
Sent: June 6, 2023 6:48 PM
To: Harvey, Joseph (MCM) <Joseph.Harvey@ontario.ca>
Cc: Robinson, Joel <joel.robinson@wsp.com>; Deneault, Stephen (MECP) <Stephen.Deneault@ontario.ca>; Barboza, Karla (MCM) <Karla.Barboza@ontario.ca>
Subject: RE: File 0014576: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

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Hello Joseph,

Thank you for commenting on the Stelco Lake Erie Works Draft ToR for their Proposed Quarry Landfill Expansion. We have input your comments into a table and provided a response. Can you please take a look and let us know if your concerns at this time are satisfied.

Thanks,
Trish



Trish Edmond
Principal, Team Lead Waste - Ontario Earth & Environment
M.E.Sc., P.Eng.
She/Her

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M+ 1 613-799-1960

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From: Harvey, Joseph (MCM) <Joseph.Harvey@ontario.ca>
Sent: February 3, 2023 9:48 AM
To: Edmond, Trish <trish.edmond@wsp.com>
Cc: Robinson, Joel <joel.robinson@wsp.com>; Petar.Kolundzija@stelco.com; Deneault, Stephen (MECP) <Stephen.Deneault@ontario.ca>; Barboza, Karla (MCM) <Karla.Barboza@ontario.ca>
Subject: FW: File 0014576: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

Trish Edmond,

Please find attached our comments on the Draft – Proposed Terms of Reference prepared in support of the above referenced undertaking.

Please note that the responsibility for administration of the *Ontario Heritage Act* and matters related to cultural heritage have been transferred from the Ministry of Tourism, Culture and Sport (MTCS) to the Ministry of Citizenship and Multiculturalism (MCM). Individual staff roles and contact information remain unchanged.

Please do not hesitate to contact me with any questions or concerns.

Regards,

Joseph Harvey | Heritage Planner
Citizenship, Inclusion and Heritage Division | Heritage Branch | Heritage Planning Unit
Ministry of Citizenship and Multiculturalism
613.242.3743
Joseph.Harvey@ontario.ca

From: Golder Secure Message Center <smc@golder.com> **On Behalf Of** Joel Robinson
Sent: January-05-23 2:06 PM
Subject: Draft Terms of Reference for the Stelco Proposed Quarry Landfill Expansion

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Phone 705-722-4492
Email joel_robinson@golder.com

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Hello,

Stelco Inc. (Stelco) has completed a draft Terms of Reference (ToR) as the first step of the Environmental Assessment (EA) of the Proposed Quarry Landfill expansion. Stelco is seeking input on the draft ToR. Please see the notification letter in the

link provided outlining further information on the draft ToR and how to submit comments on the draft ToR. An electronic copy of the draft ToR is also provided on the project website at <https://consultation.stelco.com/Home/Documents> and consists of all volumes (Volumes 1 to 3).

The draft ToR will be available for public review and comment from January 6, 2023 to February 3, 2023 for a four-week review period.

Following the above review period, the draft ToR will be updated to address comments received and will be submitted to the Ontario Ministry of the Environment, Conservation and Parks (MECP) as part of the formal review process.

Should you require a hard copy (or an electronic copy in a USB drive) of the draft ToR, please email or call us and we will be happy to prepare it for you. If you wish to save a copy of the files provided in this email for future reference, please download and save them to your local computer drive as the download link will expire on February 3, 2023.

Please let us know if you have any issues accessing the notice letter or the draft ToR from the link provided.

Sincerely,

Joel Robinson

Attachments in link: Click on the link in the upper right corner of this email labelled "Download Files" to access the Notification Letter and the draft ToR report (Volumes 1, 2 and 3).



T+ 1 705-722-4492

M+ 1 249-535-1009

wsp.com

Joel Robinson, P.Geo.

Hydrogeologist

WSP Global Inc.

121 Commerce Park Drive, Unit L

Barrie, Ontario

L4N 8X1 Canada

Transfer Details

CC: petar.kolundzija@stelco.com

joel.robinson@wsp.com

trish.edmond@wsp.com

Download Link:
<https://smc.golder.com/download?id=o5dS7rpFIC&password=fRU3klI8>

Files in this Transfer

20136711 Stelco Waste EA Volume II ToR Jan 2023.pdf

20136711 Stelco Waste EA Volume III ToR Jan2023.pdf

20136711 Stelco Waste EA Volume I ToR Jan2023.pdf

Draft Terms of Reference Notice.pdf

For further information please follow this link: [Cryptshare Documentation](#)

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