



**Selwyn Community Expansion  
Project: Environmental Report**

ORIGINAL REPORT

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## Sign-off Sheet

This document entitled Selwyn Community Expansion Project: Environmental Report was prepared by (“Stantec”) for the account of Enbridge Gas Inc. (the “Client”). The material in it reflects Stantec’s professional judgment in light of the scope, schedule, and other limitations stated in the document and in the contract between Stantec and the Client. The opinions in the document are based on conditions and information existing at the time the document was published and do not take into account any subsequent changes. Any use which a third party makes of this document is the responsibility of such third party. Such third party agrees that Stantec shall not be responsible for costs or damages of any kind, if any, suffered by it or any other third party as a result of decisions made or actions taken based on this document.

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## **Land Acknowledgement**

We respectfully and thoughtfully acknowledge that the Selwyn Community Expansion Project resides on Michi Saagiig (commonly referred to as the Mississauga First Nations), Treaty 20 territory. Since time immemorial, these lands and waters were, and are today, the traditional territory of the Michi Saagiig and Chippewa Nations, collectively known as the Williams Treaties First Nations. This includes Curve Lake First Nation, Hiawatha First Nation, Alderville First Nation, Beausoleil First Nation, Chippewas of Georgina Island First Nation, Mississaugas of Scugog Island First Nation, and Chippewas of Rama First Nation. Additionally, we would recognize that the Project area is also on the ancestral lands of the Huron Wendat Nation.



## Executive Summary

Enbridge Gas Inc. (Enbridge Gas) is proposing to construct the Selwyn Community Expansion Project to supply the community in the Township of Selwyn with affordable natural gas (the “Project”). The Project will involve the construction of up to approximately 8.4 kilometers (km) of 2- and 6-inch Nominal Pipe Size (NPS) natural gas pipeline to be located primarily in the road allowance of 8th Line.

The proposed route will tie into the existing Enbridge Gas system at the intersection of 8th Line and Selwyn Road and will travel east to the terminal tie-in point at 8th Line and Buckhorn Road. To accommodate the increased supply of natural gas, the Project will also involve the rebuild of an existing Enbridge Station at Ward Street and Bridge Street, in Bridgenorth, Ontario (see Figures A-1 and A-2; Appendix A).

Enbridge Gas has retained Stantec Consulting Ltd. (Stantec) to undertake an environmental study of the construction and operation of the proposed pipeline. The environmental study will fulfill the requirements of the Ontario Energy Board’s (OEB) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)* (OEB Environmental Guidelines).

Enbridge Gas is also required to obtain additional permits and approvals from federal, provincial, and municipal agencies that have jurisdiction within the Study Area. This ER will serve to support these permit and approval applications.

The route evaluation process was undertaken as per the *Guidelines (2016)*, which identifies the environmental and socio-economic features to take into consideration and the principles to be considered during the route evaluation. For the Supply Lateral, Enbridge Gas’ existing infrastructure allows for a potential starting point at the intersection of 8th Line and Selwyn Road and a terminal tie-in point at 8th Line and Buckhorn Road. Moving the Project to 9th Line or to 7th Line (south of the PPR) were not considered reasonable potential alternatives since alignments on 9th line or 7th line would avoid small residential communities and commercial properties (including the Selwyn Municipal Office), and extend the length of the pipeline by at least 2.8 km. In addition, the Township of Selwyn passed a resolution (Resolution No. 2020 – 038) requesting that 8th line be submitted as a proposal to the OEB for future natural gas expansion to support local businesses and accommodate future growth and economic development in Selwyn Township.

An extensive consultation and engagement program was conducted for the Project with Indigenous communities, and federal and provincial agencies, conservation authorities, municipal personnel and elected officials, utility owners and operators, special interest groups, the general public, and residents and businesses within 1 kilometer (km) of the Study Area were engaged. The consultation and engagement program included development and maintenance of various Project Contact Lists which were used to distribute the required notices, newspaper advertisements, a Virtual Information Session, and provision of feedback to those members of the public who had questions, issues, or concerns or



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positive feedback about the Project. Enbridge is committed to ongoing consultation and engagement with interested and potentially affected parties through detailed design and construction and will respond to stakeholder concerns throughout the life of the Project.

The potential effects and impacts of the Project on physical, biophysical, and socio-economic features have been assessed for the Project. In the opinion of Stantec, the recommended program of supplemental studies, mitigation, protective, and contingency measures are considered appropriate to protect the features encountered. Monitoring will assess that mitigation and protective measures have been effective in both the short and long term.

The potential cumulative effects of the Project were assessed by considering development that may begin during construction or that may begin sometime in the future. The Study Area boundary was used to assess potential effects of the Project and other developments on environmental and socio-economic features. As such, the cumulative effects assessment determined that, provided through ongoing consultation, appropriate mitigation and protective measures are implemented, potential cumulative effects will be of low probability and magnitude, short duration (2 to 3 months), and reversible and positive and are, therefore, not anticipated to be significant.

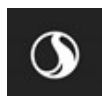
The environmental study investigated data on the physical, biophysical, and socio-economic environment within the Study Area. In the opinion of Stantec, the recommended program of supplemental field studies in spring/summer 2022, ORCA permitting requirements, mitigation and protective measures, and contingency measures are considered appropriate to protect the features encountered. Monitoring will assess whether mitigation and protective measures were effective in both the short and long term.

With the implementation of the recommendations in the ER, ongoing communication and consultation, and adherence to permit, regulatory, and legislative requirements, potential adverse residual environmental and socio-economic impacts of this Project are not anticipated to be significant.



## Abbreviations

AA	Archaeological Assessment
AAFC	Agriculture and Agri-Food Canada
BGS	Below ground surface
CEA	Cumulative effects assessment
CHECPIA	Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment
CHVI	cultural heritage value or interest
COSSARO	Committee on the Status of Species at Risk in Ontario
DFO	Fisheries and Oceans Canada
EASR	Environmental Activity and Sector Registry
Enbridge Gas	Enbridge Gas Inc.
END	Endangered
EPP	Environmental Protection Plan
ER	Environmental Report
ESA	<i>Endangered Species Act, 2007</i>
ESC	Erosion and Sediment Control
HADD	the harmful alteration, disruption or destruction of fish habitat
HDD	Horizontal Directional Drill
HVA	Highly Vulnerable Aquifer
IPZ	Intake Protection Zone
km	Kilometre(s)
LIO	Land Information Ontario
LTC	Leave to Construct
m	Metre(s)





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MBCA	<i>Migratory Birds Convention Act, 1994</i>
MECP	Ministry of the Environment, Conservation and Parks
MENDM	Ministry of Energy, Northern Development and Mines
MMAH	Ministry of Municipal Affairs and Housing
MOE	Ministry of Energy
MHSTCI	Ministry of Heritage, Sport, Tourism and Culture Industries
MTO	Ministry of Transportation
NAR	Not at Risk
NDMNR	Ministry of Northern Development, Mines, Natural Resources and Forestry
NHIC	Natural Heritage Information Centre
NPS	Nominal Pipe Size
OEB	Ontario Energy Board
OGS	Ontario Geological Survey
OHA	<i>Ontario Heritage Act</i>
OPCC	Ontario Pipeline Coordinating Committee
OPP	Ontario Provincial Police
O-P SPA	Otonabee-Peterborough Source Protection Area
ORCA	Otonabee Region Conservation Authority
O. Reg.	Ontario Regulation
ORAA	Ontario Reptile and Amphibian Atlas
OWES	Ontario Wetland Evaluation System
PCCP	Peterborough County-City Paramedics
PPR	Preliminary Preferred Route
PR	Preferred Route
PTTW	Permit to Take Water



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PSW	Provincially Significant Wetland
ROW	Right-of-Way
SARB	Species at Risk Branch
SARA	<i>Species at Risk Act</i>
SGRA	Significant Groundwater Recharge Area
SOCC	Species of Conservation Concern
SC	Special Concern
Stantec	Stantec Consulting Ltd.
TC	Transport Canada
THR	Threatened
TSSA	Technical Standards and Safety Authority
WHPA	Wellhead Protection Area
WWR	Water Well Record(s)



# SELWYN COMMUNITY EXPANSION PROJECT: ENVIRONMENTAL REPORT

Introduction  
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## 1.0 INTRODUCTION

### 1.1 PROJECT DESCRIPTION

Enbridge Gas Inc. (Enbridge Gas) is proposing to construct the Selwyn Community Expansion Project to supply the community in the Township of Selwyn with affordable natural gas (the “Project”). The Project will involve the construction of up to approximately 8.4 kilometers (km) of 2- and 6-inch Nominal Pipe Size (NPS) natural gas pipeline to be located primarily in the road allowance of 8th Line.

The proposed route will tie into the existing Enbridge Gas system at the intersection of 8th Line and Selwyn Road and will travel east to the terminal tie-in point at 8th Line and Buckhorn Road.

To accommodate the increased supply of natural gas, the Project will also involve the rebuild of an existing Enbridge Station at Ward Street and Bridge Street, in Bridgenorth, Ontario (see Figures A-1 and A-2; Appendix A). This Project location / component is herein referred to as the ‘Bridgenorth Station’.

Enbridge Gas has retained Stantec Consulting Ltd. (Stantec) to undertake an environmental study of the construction and operation of the proposed pipeline. The environmental study will fulfill the requirements of the Ontario Energy Board’s (OEB) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)* (OEB Environmental Guidelines).

### 1.2 ENVIRONMENTAL STUDY

#### 1.2.1 Objectives

A multidisciplinary team of environmental planners and scientists from Stantec conducted the environmental study. Enbridge Gas provided environmental support and engineering expertise throughout the study.

The environmental study was completed in accordance with the OEB *Environmental Guidelines (2016)*, as well as relevant federal and provincial environmental guidelines and regulations.

The principal objective of the environmental study was to outline various environmental mitigation and protection measures for the construction and operation of the project while meeting the intent of the OEB *Environmental Guidelines (2016)*. To meet this objective, the environmental study was prepared to:

- Identify a Preferred Route, herein referred to as ‘PR’, that reduces potential environmental impacts.
- Complete a detailed review of environmental features along the PR and assess the potential environmental impacts of the project on these features.
- Establish mitigation and protective measures that may be used to reduce or eliminate potential environmental impacts of the project.
- Undertake a route evaluation process.



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- Develop a consultation program to receive input from interested and potentially affected parties.
- Identify any necessary supplemental studies, monitoring and contingency plans.

## 1.2.2 Process

The environmental study was divided into the following three main phases:

- Phase I: Inventory mapping and mapping of existing conditions within the Study Area.
- Phase II: The route evaluation and selection process.
- Phase III: Confirmation of the route, development of mitigation and protective measures and preparation of this Environmental Report (ER).

The maps produced during the route evaluation and selection process are located in Appendix A and the maps of existing conditions are located in Appendix C.

The following is a description of the steps involved in the various Project phases and also provides background on the extensive consultation and engagement program and engineering design carried out by Enbridge Gas to arrive at the pipeline Study Area that is the subject of this ER.

### **Phase I: Inventory and Mapping of Existing Conditions within the Study Area**

The environmental study began by identifying the Preliminary Preferred Route, herein 'PPR'. The PPR was determined by Enbridge Gas based on their engineering and tie-in location considerations, maximizing potential servicing locations as well as consideration of environmental constraints as identified by Stantec. The Study Area for the Project was delineated, and Indigenous communities and relevant federal and provincial agencies and authorities, municipal personnel, and special interest groups were notified. Environmental features and conditions in the Study Area were mapped and characterized using relevant published literature, maps, and digital data. Geographically based environmental features were incorporated onto a series of digital base maps. Discussions with relevant agencies and municipalities provided information essential for compiling the existing conditions inventory and mapping.

### **Phase II: Route Evaluation and Selection Process**

A Notice of Commencement and Virtual Information Session with a map and description of the PPR was published in two local newspapers. The Notice was also distributed to those on the Project's Contact Lists and mailed through Canada Post's unaddressed admail. A Virtual Information Session was available from February 3 – 22, 2022 to provide interested and potentially affected parties and interested stakeholders with an opportunity to review the proposed Project and provide comments via a Questionnaire (Appendix B5).

The following entities were notified of the proposed Project:

- Indigenous communities
- Federal and provincial agencies and authorities



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- Municipal personnel
- Special interest groups
- Third party utilities
- Directly affected landowners
- Residents and businesses in proximity to the PPR

Feedback received from stakeholders following the newspaper publications and the Virtual Information Session did not identify potential issues or concerns that required changes to the PPR. Feedback received through the consultation and engagement program was acknowledged, reviewed, and incorporated into the ER and route evaluation and supported the overall confirmation of the PR.

## Phase III: Confirmation of the Preferred Route; Environmental Report

Based on feedback received during the consultation and engagement program and data collected for the environmental and socio-economic environment in the Study Area, the PPR was confirmed to be the PR. The final phase of the study involved determining potential environmental and socio-economic impacts and cumulative effects that would result from the Project and developing mitigation and protective measures, supplemental studies, monitoring, and contingency plans to reduce or avoid potential impacts.

The environmental study concluded with the preparation of this ER as well as Environmental Alignment Sheets to identify site-specific mitigation and protective measures to be implemented during construction (see Appendix G).

### 1.2.3 The Environmental Report

The environmental study has relied on technically sound and consistently applied procedures that are replicable and transparent. The ER, which documents the environmental study, will form the foundation for future environmental management activities related to the Project.

The ER is organized into the following sections:

1. Introduction: provides a description of the Project and the environmental study
2. Consultation and Engagement Program: provides a description of consultation
3. Existing Conditions: describes the existing conditions within the Study Area for the PR
4. Route Evaluation and Selection: provides an overview of the pipeline route evaluation and selection process
5. Potential Impacts, Mitigation, and Protective Measures: predicts potential effects and impacts the Project may have upon the existing conditions; describes, the mitigation and protective measures to eliminate or reduce the potential effects and impacts of the Project on physical, biophysical, and



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socio-economic features that have been assessed in the Study Area; recommends supplemental studies where necessary and predicts the net impacts anticipated for the Project

6. Cumulative Effects Assessment: provides an analysis of potential cumulative effects associated with the proposed Project
7. Monitoring and Contingency Plans: describes monitoring and contingency plans to address potential environmental impacts of the proposed Project
8. Conclusion: provides a discussion and consideration of the potential environmental impacts associated with the proposed Project

The ER also includes references and appendices for documentation.

## 1.2.4 The OEB Regulatory Process

Once complete, the ER is circulated directly to Indigenous communities, affected municipalities, conservation authorities, and to the Ontario Pipeline Coordinating Committee (OPCC) for their review and comment. The OPCC is an inter-ministerial committee that includes provincial government ministries, boards, and authorities with potential interest in the construction and operation of hydrocarbon transmission and storage facilities. The ER is also circulated directly to interested parties and is made available on the Enbridge Gas Project webpage for the public and landowners to review. The ER will accompany a future Enbridge Gas 'Leave-to-Construct' (LTC) application to the OEB for the proposed Project.

Upon receiving the application, the OEB will hold a public hearing. Communication about the hearing will include notices in local newspapers and letters to directly affected landowners, both of which will outline how the general public and landowners can get involved with the hearing process. If, after the public hearing, the OEB finds the Project is in the public interest, it will approve construction of the Project. The OEB typically attaches conditions to approved projects. Enbridge Gas must comply with these conditions at all stages of the Project, including during construction and site restoration.

## 1.2.5 Additional Regulatory Processes

Enbridge Gas will also be required to obtain additional environmental permits, approvals, and notifications from federal, provincial, and municipal agencies as outlined in **Table 1.1** below. This ER will serve to support these permit and approval applications and notifications.



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**Table 1.1: Summary of Potential Environmental Permit and Approval Requirements**

Permit/Approval	Administering Agency	Description
<b>FEDERAL PERMITS and APPROVALS</b>		
Clearing of vegetation in accordance with the <i>Migratory Bird Convention Act, 1994</i> (MBCA)	Environment and Climate Change Canada (ECCC)	ECCC does not require a permit to be issued for vegetation clearing, however, precautions need to be taken so that no breeding birds or their nests are harmed or destroyed during the bird nesting season as a result of construction of the Project. Nest sweeps will be required at a maximum of 7 days prior to vegetation removal during the bird nesting season, (e.g., April 1 to August 31), as per the MBCA.
Species at Risk Act (SARA)	Fisheries and Oceans Canada (DFO)	Permits are required by those persons conducting activities that may affect species listed on Schedule 1 SARA as extirpated, endangered, or threatened and which contravene the Act's general or critical habitat prohibitions in watercourses. To apply for a permit for an activity affecting a Schedule 1 species in a watercourse, DFO administers the permit.
Review and authorization under the <i>Fisheries Act, 1985</i>	DFO	At detailed design, the final crossing methods will include a review of DFO's "Measures to Protect Fish and Fish habitat" to determine applicable mitigation and protective measures that are implementable for crossing approaches and activities at specific crossing locations. For crossings and activities not covered by these measures, the DFO-Enbridge Gas agreements on standard sediment control plans for crossing alternatives will be reviewed for applicability and practice. For any remaining crossings and activities not specifically covered by the above measures, DFO review may be required.  The proposed method for pipeline water crossings (i.e., horizontal directional drilling) will likely not require authorization provided measures to avoid causing a HADD – "the harmful alteration, disruption or destruction of fish habitat" – of fish habitat are followed during construction. These measures include completing the work during the appropriate timing window (Ministry of Northern Development, Mines, Natural Resources and Forestry [NDMNR] formerly the Ministry of Natural Resources and Forestry [MNRF] designated construction windows note that In-water work is permitted from July 1 to March 14 for warm water crossings and from July 1 to September 15 for cold water crossings), installation of appropriate sediment and erosion control measures (i.e., silt fencing around disturbed areas and development of a contingency plan). If these measures are followed, a project of this nature is typically considered to be low risk to fish and fish habitat and can proceed without DFO review.



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**Table 1.1: Summary of Potential Environmental Permit and Approval Requirements**

Permit/Approval	Administering Agency	Description
<b>PROVINCIAL PERMITS AND APPROVALS</b>		
Approval under the <i>Ministry of Infrastructure Public Work Class Environmental Assessment (Class EA)</i>	Infrastructure Ontario (IO)	Required to obtain an easement on IO owned and/or managed lands. This will be determined during detailed design.
Development Permits under <i>Ontario Regulation 167/06</i> for Otonabee Region Conservation Authority (ORCA) (Regulation of Development, Interference with Wetlands and Alterations to Shorelines and Watercourses), as per the <i>Conservation Authorities Act, 1990</i>	ORCA	Required for works within ORCA Regulated Areas.
Permit to Take Water (PTTW) or Environmental Activity and Sector Registry (EASR) (surface and groundwater) under the <i>Ontario Water Resources Act (1990)</i>	Ministry of the Environment, Conservation and Parks (MECP)	Under Ontario Regulation (O. Reg.) 64/16 and O. Reg. 63/16, the MECP requires a PTTW for dewatering in excess of 400,000 L/day, and an EASR for dewatering between 50,000 and 400,000 L/day. This can include trench dewatering and taking water for hydrostatic testing from a pond, lake, etc. There are some exceptions for surface water takings where active or passive surface water diversions occur such that all water taken is returned to within another portion of the same surface water feature.
Permitting or registration under the <i>Endangered Species Act (ESA) (2007)</i>	MECP	An ESA permit or Registration is required for activities that could impact species protected under the ESA. Consultation will occur with the MECP to determine ESA permitting requirements.  As indicated in Section 9 (1) a of the ESA (2007), “No person shall kill, harm, harass, capture or take a living member of a species that is listed on the Species at Risk in Ontario List as an extirpated, endangered or threatened species.”  As indicated in Section 17 (1), “the Minister may issue a permit to a person that, with respect to a species specified in the permit that is listed on the Species at Risk in Ontario List as an extirpated, endangered or threatened species, authorizes the person to engage in an activity specified in the permit that would otherwise be prohibited by Section 9 or 10.”
Archaeological clearance under the <i>Ontario Heritage Act (OHA)</i>	Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI)	An Archaeological Assessment (AA) is required to identify areas of archaeological potential prior to any ground disturbances and/ or site alterations. The completed AA reports are forwarded to the MHSTCI for review.





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**Table 1.1: Summary of Potential Environmental Permit and Approval Requirements**

Permit/Approval	Administering Agency	Description
Review of Built Heritage and Cultural Heritage Landscapes under the OHA	MHSTCI	The MHSTCI <i>Criteria for Evaluating Potential Built Heritage Resources and Cultural Heritage Landscapes</i> (Checklist) was completed to determine the presence or absence of heritage resources in the Study Area and identify if further work is required. The Checklist determined the potential for cultural heritage resources within a defined Study Area and a Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment (CHECPA) was recommended.
Crossing Approval	Hydro One Networks Inc. (Hydro One)	Required for crossing Hydro One's electric transmission corridor. This will be determined during detailed design.
<b>MUNICIPAL PERMITS/APPROVALS</b>		
Road Cut - Occupancy Permit	Peterborough County	Required for any work completed within the Peterborough County's right-of-way (ROW).
Noise By-law Exemption Permit	Township of Selwyn	Required if construction activities will occur during the prohibited times outlined in the Township of Selwyn Noise By-Law No. 2003-97.



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## 2.0 CONSULTATION AND ENGAGEMENT PROGRAM

### 2.1 OBJECTIVES

Consultation is an important component of the OEB *Environmental Guidelines* (2016). As noted by the OEB (2016), consultation is the process of identifying interested and potentially affected parties and informing them about the Project, soliciting information about their values and local environmental and socio-economic circumstances, and receiving input into key Project decisions before those decisions are finalized.

Stantec believes that community involvement and consultation is a critical and fundamental component of this environmental study, and that Indigenous community participation is essential to the Project. We also recognize that each potentially affected Indigenous community has unique conditions and needs and that the process followed may not satisfy the “duty to consult” component from an Indigenous community’s perspective. To demonstrate that we respect this view, we will use the term “engagement” throughout the remainder of this Report when we refer to seeking input from Indigenous communities.

The consultation and engagement program for the Project included the following objectives:

- Identify rights-holders, interested, and potentially affected parties early in the process
- Understand potentially impacted Aboriginal or treaty rights associated with the proposed Project
  - Inform and educate interested parties about the nature of the Project, potential impacts, proposed mitigation measures, and how to participate in the consultation and engagement program
  - Provide a forum for the identification of issues
- Identify how input will be used in the planning stages of the Project
- Summarize issues for resolution, and resolve as many issues as feasible
- Revise the program to meet the needs of those being consulted, as feasible
- Develop a framework for ongoing communication and engagement during the construction and operation phases of the Project

An extensive consultation program was undertaken for the Project, including development and maintenance of an Indigenous groups and stakeholder Contact List, which was used to distribute the required notices, newspaper advertisements, agency meetings, one Virtual Information Session, and provision of feedback to those who had questions, issues, or concerns or positive feedback about the Project. The communication and consultation activities are described in Sections 2.2 -2.4 below.

### 2.2 IDENTIFYING INTERESTED AND POTENTIALLY AFFECTED PARTIES

As part of the consultation and engagement process, Indigenous and stakeholder Contact Lists (including Agency, Municipal, and Interest Groups, Third-Party Utility Owners/Operators, and directly impacted and surrounding landowners), were developed.



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### 2.2.1 Identifying Indigenous Communities

Engagement with Indigenous communities was guided by the OEB *Environmental Guidelines* (2016), as noted above, but also by the Enbridge's Indigenous Peoples Policy.

Indigenous engagement commenced with the submission of a Project description to the Ministry of Energy (MOE), formerly the Ministry of Energy, Northern Development and Mines (MENDM).<sup>1</sup> This submission to the MOE provided details on the Project location and sought to determine the requirements of the duty to consult. Potentially impacted Indigenous communities were identified by the MOE in a Letter of Delegation dated January 18, 2022. See Appendix B1.

The Letter of Delegation confirmed that the MOE would be delegating the procedural aspects of consultation in respect to the Project and that, based on the Crown's assessment, the following Indigenous communities should be consulted:

- Alderville First Nation
- Curve Lake First Nation
- Hiawatha First Nation
- Huron-Wendat Nation
- Kawartha Nishnawbe First Nation
- Mississaugas of Scugog Island First Nation

In addition to those communities outlined in the Letter of Delegation for the Project, Enbridge Gas also included the following communities in the Projects consultation and engagement program:

- Beausoleil First Nation (Christian Island)
- Chippewas of Georgina Island
- Chippewas of Rama First Nation

### 2.2.2 Identifying Interested and Potentially Affected Parties

Identification of interested and potentially affected parties was undertaken using a variety of sources, including the OEB's OPCC Members List, the MECP's Environmental Assessment Government Review Team Master Distribution List, and the experience of Enbridge Gas and Stantec.

The parties listed below were among those considered when developing the initial stakeholder Contact Lists:

- Federal and provincial agencies and authorities
- Municipal personnel

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<sup>1</sup> On June 18, 2021, the Ontario government implemented changes to several ministries. The Ministry of Energy will continue to handle matters pertaining to delegation of Duty to Consult, while the rest of the MENDM has been combined with the former Ministry of Natural Resources and Forestry to become the Ministry of Northern Development, Mines, Natural Resources and Forestry.



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- Special interest groups and third-party utility owners/operators

As the environmental study progressed, the initial Contact Lists evolved, and updates were made in response to changes in personnel, correspondence, and feedback gathered from the Notice of Study Commencement. Updates to the Contact Lists also included adding directly impacted or surrounding landowners who had received the Notice of Study Commencement and Virtual Information Session and who had contacted the Project Team. The Project Indigenous and stakeholder Contacts Lists are provided in Appendix B2.

## 2.3 COMMUNICATION METHODS

### 2.3.1 Newspaper Notices

A Notice of Study Commencement and Virtual Information Session was published on January 21, 2022, and January 28, 2022, in the Lakefield Herald. To maximize readership of the ad, the newspaper Notice was also published in the January 20, 2022, and January 27, 2022, edition of Peterborough This Week.

The Notice introduced and described the Project, provided a map of the PPR, noted the format and dates of the Virtual Information Session, and listed Project contact information.

Copies of tear sheets from the newspaper notices are provided in Appendix B3.

### 2.3.2 Letters and Emails

#### 2.3.2.1 Notice of Study Commencement and Virtual Information Session

Letters were sent via email to all parties identified on the Indigenous Contact List on January 24, 2022, and to parties identified on the OPCC and Agency/Municipal Contact Lists on January 18, 2022, to provide information on the Project and on the Virtual Information Session. Letters were mailed to landowners located within a minimum of 1 km of the PR via Canada Post regular mail on January 24, 2022. Appended to these letters and emails was a map of the Study Area and PPR.

Generic copies of the letters noted above are included as Appendix B4.

### 2.3.3 Virtual Information Session – Presentation Slides, Interactive Map and Exit Questionnaire

Presentation slides were developed for the Virtual Information Session. The presentation slides provided information on the Project, the OEB regulatory process, environmental study process, the PPR, anticipated environmental and socio-economic impacts and mitigation, and next steps. A voiceover recording was paired with the presentation slides.

Following the slideshow presentation, a link to an exit questionnaire and an interactive map were provided. A downloadable version of the presentation slides, script, and the exit questionnaire were provided in the “Resources” tab on the Virtual Information Session Project webpage (as described below). The exit questionnaire requested feedback on potential impacts, important features along the PPR, and



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the content of the Virtual Information Session. The interactive map allowed attendees to view the PPR and Study Area on a web-based map. A search function was made available on the interactive map to locate a specific address, and to review natural environment map layers such as waterbodies, wetlands, and wooded areas.

Copies of the first Virtual Information Session presentation slides, presentation script, and exit questionnaire are provided in Appendix B5. Copies of completed questionnaires and Stantec's response to completed questionnaires are provided in Appendix B6.

### 2.3.4 Project Webpage

Information on the Project, the OEB regulatory process, environmental study process, and Enbridge Gas' commitment to the environment was provided on the two webpages created for the Project:

The first webpage, referred to in this ER as the Virtual Information Session webpage, was developed using the ArcGIS StoryMaps platform (Selwyn Community Expansion Project (arcgis.com)) to host the Virtual Information Session presentation. This webpage contained a "Resources" tab with a link to a downloadable version of the presentation slides, the exit questionnaire, and the presentation voiceover script.

A second webpage was developed on the Enbridge Gas website (<https://www.enbridgegas.com/selwyn>) and was designed to provide information on the Project and a link to the Virtual Information Session. Once the Virtual Information Session was complete, copies of the presentation slides, the exit questionnaire and the presentation voiceover script were made available. Upon completion of this ER, it will be posted on the Enbridge Gas website.

The Project webpages were communicated to interested and potentially affected parties in the newspaper notice, letters, emails, and Virtual Information Session presentation.

## 2.4 CONSULTATION EVENTS

### 2.4.1 Meetings

Meetings regarding the Project have or may occur, if required or requested, between Enbridge Gas and Indigenous communities, lower/upper-tier municipalities, ORCA, key stakeholders, third-party utilities owners and operators, and directly impacted and surrounding landowners, and will continue as the Project progresses towards detailed design and construction.

On February 8, 2022, Enbridge Gas representatives met with the Township of Selwyn Mayor and Council via Zoom during a scheduled council meeting. The purpose of the meeting was to provide Council and members of the community with an overview of the proposed system expansion project and answer outstanding questions or concerns. The briefing included project scope, a map of the proposed Study Area and preliminary field studies and project timelines. Enbridge Gas plans to continue meeting with the Municipality on a quarterly basis to keep them informed of the Project planning and answer questions they may have regarding the Project.



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### 2.4.2 Virtual Information Session

As a result of the health risks associated with in-person gatherings and physical distancing requirements set out by the Province of Ontario due to COVID-19, a Virtual Information Session was hosted online. The Virtual Information Session was accessible from February 3, 2022 – February 22, 2022. This two-week period was selected to allow agencies, Indigenous communities, landowners, residents, and other stakeholders ample opportunity to review the Project information and provide input.

A Project email address and phone number were provided in the Virtual Information Session for attendees to ask questions and leave comments. The Virtual Information Session received 78 visits to the ArcGIS StoryMaps webpage, with 13 visits to the presentation; of those that visited the webpage, 14 were from Ontario. Following the Virtual Information Session, six (6) questionnaires were submitted via either the Project email address or through the questionnaire link in the presentation.

Redacted copies of the completed exit questionnaires are included in Appendix B5.

## 2.5 INPUT RECEIVED

The consultation and engagement program allowed interested or potentially affected parties to provide input into the Project. Input was evaluated and where applicable, integrated into the ER and Project. Comment-response summary tables and a copy of all written comments and responses is provided in Appendix B6.

### 2.5.1 Indigenous Input

Enbridge Gas is committed to creating processes that support meaningful engagement with potentially affected Indigenous groups. Enbridge Gas works to build an understanding of project related interests, ensure regulatory requirements are met, mitigate, or avoid project-related impacts on Aboriginal interests including treaty rights, and provide mutually beneficial opportunities where possible.

Prior to and throughout the environmental study, Enbridge Gas and Indigenous communities engaged in discussions on the proposed Project via email, virtual meetings, and phone conversations. Communication between Enbridge Gas and Indigenous communities was tracked by Communica. The Indigenous consultation log and original copies of consultation between Enbridge Gas and Indigenous communities provided in Appendix B6 of this ER have been prepared and provided by Communica.

As recorded in Appendix B6, consultation and engagement began December 2, 2021, with the Curve Lake First Nation (CLFN). Enbridge Gas representatives hosted a meeting with CLFN representatives regarding the Natural Gas Expansion Program. Topics of discussion included various ongoing Projects and an introduction to the Selwyn Community Expansion Project, community investment, supply chain management, and Indigenous engagement updates. From this initial meeting on the proposed Project, CLFN representatives requested the following Project specific commitments from Enbridge Gas representatives:

- that a copy of the draft Stage 1 AA be provided to CLFN when completed for review; and



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- a copy of the Notice of Commencement and Virtual Information Session be provided on the Project. An initial notice was provided December 13, 2022, and the Notice of Commencement and Virtual Information Session was provided January 24, 2022.

Following the initial Project meeting on December 2, 2021, Enbridge Gas and CLFN representatives continued discussions on the Project via email. To date, the following formal comments have been provided by CLFN on the Project:

- In a response letter, dated January 6, 2022, CLFN requested that Enbridge Gas provide:
  - a summary statement indicating how the Project will address the areas that are of concern to CLFN; and
  - opportunity for CLFN to participate in the Stage 1 AA for the Project.

In their formalized letter, CLFN, also indicated that from an initial scan of the Project area, there may be the presence of burial or archaeological sites in proximity to the Project. Should excavation unearth bones, remains, or other such evidence of a native burial site or any other archaeological findings, CLFN requested they be notified immediately. Enbridge Gas provided a response to CLFN's formal letter on January 20, 2022, summarizing the Project, potential impacts, and mitigations. Enbridge Gas advised that a study of cultural heritage landscapes and built heritage resources in the vicinity of the pipeline and a Stage 1 AA report would be completed which will detail archaeological sites or Indigenous burial grounds in Ministry databases for CLFN's review and comment. The response from Enbridge Gas welcomed CLFN's participation and shared knowledge in additional assessments, if recommended.

On December 13, 2021, Enbridge Gas provided Alderville First Nation (AFN), Beausoleil First Nation (BFN), Chippewas of Georgina Island First Nation (CGIFN), Chippewas of Rama First Nation (CRFN), CLFN (as noted above), Hiawatha First Nation, Huron-Wendat Nation, Kawartha Nishnawbe First Nation, and Mississaugas of Scugog Island First Nation representatives with a Project overview and notification letter. In response to the initial Project overview email, AFN requested a map of the Project be provided and noted that AFN is not part of Treaty 20 territory.

On January 24, 2022, Enbridge Gas provided all communities listed above (with the exclusion of AFN – who noted they are not part of Treaty 20 territory) a formal Notice of Study Commencement and Virtual Information Session letter. The following comments from Indigenous communities have been received following the formal Notice:

- CRFN advised they had no comments or questions on the Project.
- HWN advised they wished to be consulted for the Project. HWN expressed interest in participation in construction monitoring for excavation, archaeological field work, and monitoring. HWN requested copies of the draft reports for review and comment. HWN noted funding must be made available to ensure their participation.
- MSIFN, on January 15, 2022, advised they had no comments on the Project at the time.



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Enbridge Gas will continue to meaningfully engage with affected Indigenous communities through phone calls, virtual and in-person meetings, and email communications. During these engagement activities, Enbridge Gas representatives will provide an overview of the Project, respond to questions and concerns, and address any interests or concerns expressed by Indigenous communities to appropriately mitigate any Project-related impacts. Enbridge Gas will continue to work with Indigenous groups following the distribution of the ER to ensure the mitigation measures provided in the ER will adequately address concerns and limit impacts. Discussion on the Project and the ER will also help determine potential impacts on Indigenous interests.

To accurately document Indigenous engagement activities and ensure follow-up, applicable supporting documents are tracked using a database. The Indigenous Consultation Report which includes the comment-response summary table and corresponding comment records, will be submitted to the OEB upon the filing of the Project application.

### 2.5.2 Public Input

Sixteen (16) comments were received as of March 2, 2022, in the form of six (6) completed questionnaires, six (6) emails, and four (4) telephone conversations regarding the Project. The main areas of comment include:

- clarification on the proximity of the pipeline in relation to the landowner's property;
- landowners who were interested in receiving natural gas inquired on how they might be connected to the pipeline. Landowners disinterested in natural gas alternatively questioned how they could prevent their homes from being connected to the pipeline;
- several inquiries arose as to whether specific properties can be serviced by natural gas and if the Project footprint could extend further down select streets;
- potential timelines to complete the Project; and
- concerns about the potential impacts to the natural environment, landowner lawns, the socio-economic environment, and cumulative environmental effects. Environmental concerns were mostly focused on generalized impacts to atmosphere from fossil fuels and were not focused on impacts to the environment within the Study Area.

### 2.5.3 Agency Input

Seven (7) comments were received as of March 9, 2022, from federal and provincial agencies and considered in the preparation of this ER. A summary of the comments received is provided below.

#### Federal Agencies

- The MOE provided Enbridge Gas with a Letter of Delegation detailing the Indigenous communities who's Aboriginal and treaty rights may be impacted by the Project.





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- Transport Canada (TC) does not require receipt of all individual or class EA related notifications. Project proponents are required to self-assess if a project: (1) will interact with a federal property and/or waterway by reviewing the Directory of Federal Real Property and (2) will require approval and/or authorization under any Acts administered by TC.

### Provincial Agencies and Authorities

- The MECP, Species at Risk Branch (SARB) advised that the Selwyn Project has been assigned to Monique Charette, SARB Management Biologist, for review. SARB noted they would contact Stantec should they have any questions regarding the Project. No further correspondence was received.
- The MECP, Peterborough District advised that any Project correspondence should be directed to Courtney Redmond.
- The MECP requested a shape file for the Study Area in order to provide a preliminary review and comment on the Project.
- Ministry of Transportation Ontario (MTO) provided confirmation they had received the Notice of Study Commencement and noted the Project is outside their jurisdiction. In a separate email, Amanda Rodek, from the MTO, reiterated the Ministry's initial interpretation of the Project and notified that the MTO had no concerns with the proposed Project as the proposed route follows the municipal road system and is well beyond the provincial highway system.
- The MHSTCI requested a copy of the Virtual Information Session presentation. MHSTCI then provided advice on how to incorporate consideration of cultural heritage in the Report and expanded on how to apply Chapter 2 of the OEB Environmental Guidelines by outlining the technical cultural heritage studies and level of detail required to address cultural heritage in pipeline and facilities projects. MHSTCI also provided details on the role of the Stage 1 AA and how to complete the Stage 1 Report according to Ministry standards. The Stage 1 AA was completed in accordance with MHSTCI requirements, and a draft report was submitted to the Ministry for review. Details of the Stage 1 AA are provided in section 3.5.10 of the ER.
- On March 2, 2022, IO noted that, from an initial scan of the Study Area, no properties owned by the Minister of Government and Consumer Services are located in the Study Area. IO requested that Enbridge Gas advise on any changes to the scope of the Project that would impact this initial determination.

### 2.5.4 Municipal Input

Two (2) comment was received from Peterborough County at the time of writing this ER:

- During the meeting with the Municipality on February 8, 2022. Selwyn Council did not express any project specific concerns and expressed their support for the natural gas expansion Project.
- Peterborough County, Planning Department confirmed receipt of the Notice of Commencement and Virtual Information Session invitation submitted on the County's website.



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### 2.5.5 Interest Group Input and Third-Party Utility Owners/Operators

One (1) comment was received from third-party/utility owners/operators at the time of writing this ER:

- On March 8, 2022, Hydro One confirmed they have existing distribution assets within the Study Area. However, as the Project is still in the early planning and design phase, Hydro One noted they do not have sufficient information to comment on the potential resulting impacts the Project may have on their infrastructure. As such, they requested Enbridge Gas continue providing updates on the Project so that they can advise on if the Project conflicts with the distribution assets, and if so, the measures and costs to be incurred by Enbridge Gas. Refinements based on input

## 2.6 REFINEMENTS BASED ON INPUT

At each stage of the consultation program, input received was compiled, reviewed, and incorporated into the environmental study process. Responses were provided, as applicable, to questions and comments received. Given that no comments or concerns were received to cause a change in the Project and proposed route, no refinements were required and the PPR was confirmed to be the PR.

Enbridge Gas has committed to on-going consultation with directly affected and interested parties through detailed design and construction and will continue to respond to concerns through the life of the Project. Input was reviewed and considered during the identification of potential impacts and determination of mitigation and protective measures. See Section 4.0 'Route Evaluation and Preferred Route Selection' for further discussion on routing decisions.



## 3.0 EXISTING CONDITIONS

### 3.1 STUDY AREA

A Study Area is the area in which direct interactions with the socio-economic and natural environment could occur. For the purposes of the environmental study, the northern, eastern, and western extents of the Study Area were determined by applying an approximate buffer of 500 m from the centre line of the PR and an approximate buffer of 500 m from the Bridgenorth Station. The shoreline of Chemong Lake was selected to represent the western boundary of the Study Area surrounding the Bridgenorth Station (see Figure A-1, Appendix A).

### 3.2 DATA SOURCES

Information requests were made to agencies and municipalities. The information collected assisted in identifying environmental features located in the Study Area. If agencies requested that information be kept confidential, such as archaeological sites, such information has been withheld from the ER or mapped in such a way that specific site locations cannot be determined.

The existing conditions maps (Appendix C) have been generated from base mapping provided from Enbridge Gas (2010) and data obtained from GeoHub, formerly known as Land Information Ontario (LIO) (NDMNRF 2022a). Conservation Authority regulated area data was obtained from ORCA (2022). Scales have been adjusted from the original source to better represent the features mapped. Stantec has digitally reproduced features added to the base maps. Additional mapping sources are identified on the respective map, and in the references.

For the socio-economic elements of the assessment, the most recent economy and employment statistics were extracted from the 2016 Census of Population (Statistics Canada 2017). The selected census divisions included Ontario, Peterborough County, and the Township of Selwyn. These census divisions were selected to consider the County as a whole, which includes statistics for all eight of the lower-tier municipalities in the County, including the Township of Selwyn.

### 3.3 PHYSICAL FEATURES

#### 3.3.1 Bedrock Geology and Drift Thickness

The bedrock geology of the Study Area is comprised of Middle Ordovician aged limestone and shale of the Verulam formation, of the Simcoe Group (OGS 1991).

To determine the general depth from the soil surface to the bedrock, drift thickness (also referred to as overburden) was reviewed, and results indicate that, in the Study Area, the layer of overburden ranges from ground surface to about 30 m (Gao *et al.* 2006). The thickness does not vary greatly but generally decreases toward the east end of the Study Area.



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A review of available Water Well Records (WWR) in the Study Area confirms these results as it indicates that the depth to bedrock for WWR listed as screened in bedrock is between 0 to 42.1 m below ground surface (BGS). The average depth being approximately 9.7 m BGS (MECP 2015a).

### 3.3.2 Physiography and Surficial Geology

The topography of the Study Area tends to be gently rolling along the PR draining towards Chemong Lake on the far western portion of the PR and to Katchewanooka Lake along the rest of the PR.

The Study Area traverses the Peterborough Drumlin Field and crosses loamy to sandy drumlinized till plains with isolated areas of till moraines, sand plains, peat and muck and sand/gravel eskers (Chapman and Putnam 2007). Surficial geology mapping (OGS 2011) is generally consistent with the physiographic landforms and indicates sandy silt to silt sand till over most of the surrounding area, with the Study Area also crossing coarse-textured glaciolacustrine and ice contact stratified sand and gravel deposits and isolated areas of organic deposits.

### 3.3.3 Groundwater

Peterborough County and the City of Peterborough encompass the Otonabee-Peterborough Source Protection Area (O-P SPA), which is part of the Trent Conservation Coalition Source Protection Region. The Trent Source Protection Plan has been prepared in compliance with the *Clean Water Act, 2006*. The Trent Source Protection Plan (2014) and associated technical studies (Assessment Reports) identify potential threats to drinking water in the County and map areas of significance, such as Wellhead Protection Areas (WHPA), Highly Vulnerable Aquifers (HVAs), Intake Protection Zones (IPZs), and Significant Groundwater Recharge Areas (SGRAs). The following is a description of the mapped features as shown in the technical report (2014).

An HVA, with a vulnerability score of 6, is in the Study Area and will be traversed along the central and eastern section of the PR. A SGRA will also be traversed in the middle of the PR with a vulnerability score of 4 and 6 (Trent Conservation Coalition 2014).

There are no WHPA within the Study Area. No IPZ-1 or IPS-2, municipal wellheads, or Source Protection Plan Policy Areas are in the Study Area (Trent Conservation Coalition 2014). The nearest of these features is an IPZ-2 for Lakefield located immediately east of the Study Area. The IPZ-3 for Lakefield is located within the Study Area and includes a vulnerable score of 5.

In addition to identifying source protection features, the Trent Assessment Report (2014) provides an overview of water supply infrastructure and services in the Region. As outlined in the Trent Assessment Report, drinking water systems in the Trent Conservation Coalition Source Protection Region include municipal systems of various sizes that draw raw water from both groundwater and surface water sources.

In the Study Area, most residents rely on private wells for domestic water supply. MECP WWR's indicated that 316 well records occur within the Study Area and have the following usage:

- 18 are designated as commercial/industrial



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- 255 are designated as domestic
- 7 are designated as livestock
- 9 wells are designated for public use
- 27 are either not used, unknown well types, abandoned, or observation/test wells.

Private wells are not regulated under the *Safe Drinking Water Act*. For more details on municipal water supply, see Section 3.5.3.

Regional groundwater flow is generally interpreted to be to the south towards Lake Ontario, with local groundwater flow conditions impacted by topography and surface water features.

### 3.3.4 Aggregates and Petroleum Resources

A review of the Selwyn Land Use Plan, Schedule A1 (Peterborough County 2020) indicates the presence of aggregate mineral resources located in the Study Area. As shown on Figure C-1 (Appendix C), there are active aggregate quarries located along 8th Line within the Study Area. See Section 3.5.8 for additional details on land use and aggregate sites.

### 3.3.5 Soil and Soil Capability

There are several soil types identified in the Study Area: Otonabee Loam, Lyons Loam, White Lake Sandy Loam, Emily Loam, Wendigo Loamy Sand, Brinco Sandy Loam, Farmington Loam, Granby Sandy Loam; and Vespra and Washago Organic Soils (OGS 2010). The Soils of Peterborough County (Gillespie and Acton 1981) describes these soils as follows:

*Otonabee Loam – The Otonabee soils occupy a very large area across the southern half of the county. The soil material is calcareous glacial till. The landform is strongly drumlinized especially east of the Otonabee River. Drumlins in this area are long and narrow, aligned in a northeast-southwest orientation, often separated by glacial spillways containing alluvial materials or organic deposits, or they were scoured to bedrock. There are fewer drumlins on the west side of the river and the majority of these are oval in shape. Much of the Otonabee soils in Smith and Ennismore townships have developed on ground moraine, which has low relief with complex slopes, and which may be stony in some areas. The Otonabee soils are well drained. They are classified as Orthic Melanie Brunisols. However, some degradation indicated by eluviation and slight transfer of clay has been noted in these soils (1981, pg. 22).*

*Lyons Loam - The Lyons soils are poorly drained and occur in depressional areas, often adjacent to the Otonabee and Bondhead map units. They have developed on stony, calcareous glacial till on the swales between drumlins or morainic ridges. Since these soils are often flooded or saturated with water for extended periods, they develop a thick, dark surface horizon containing large amounts of organic matter. Indeed, those subject to flooding may develop a woody organic layer up to 30 cm thick. The subsoil is gray and mottled and lacks the color and distinct horizon development of better drained soils (1981, pg. 20).*



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*White Lake Sandy Loam – A small hectareage of this map unit occurs in Peterborough County. The White Lake soils are developed on gravelly glaciofluvial outwash of Precambrian origin. Some carbonates are present in the parent material, likely originating from marble bedrock. The soils are rapidly drained and occur on rough and hilly topography (1981, pg. 27).*

*Emily Loam - The Emily soils have a scattered distribution pattern across the southern part of Peterborough County. They occur on gently sloping ground moraine often along the flanks of drumlins where drainage is imperfect. As a consequence, they receive surface runoff from the higher land, and have saturated moisture conditions for a significant period of the year. This results in a relatively short effective growing season.*

*Wendigo Loamy Sand - The Wendigo map unit occupies relatively extensive areas throughout the Precambrian Shield region. The soils have developed in noncalcareous sandy outwash on nearly level fluvial plains. They are well to excessively drained. The dominant soil of the map unit is the Wendigo series, classified as an Orthic Humo-Ferric Podzol (1981, pg. 27).*

*Brinco Sandy Loam - These soils are scattered throughout the southern half of Peterborough County. The topography is smooth gently sloping, and soil drainage is good. The soil parent material is calcareous sandy outwash. The dominant soil profile of the map unit is the Brinco series, a Brunisolic Gray Brown Luvisol. Two soil types, Brinco loamy sand and Brinco sandy loam, are mapped (1981, pg. 14).*

*Farmington Loam - These soils do not occur in single large areas but are found in all the townships below the Precambrian Shield. They have developed in thin deposits of glacial till overlying limestone bedrock, occurring within 30 cm of the surface. The predominant profile of the map unit is the Farmington series, an Orthic Melanie Brunisol. Soil reaction is neutral to alkaline and drainage is variable depending upon landscape position and permeability of the underlying bedrock (1981, pg. 14).*

*Granby Sandy Loam - The Granby map unit consists dominantly of poorly drained soils. These soils are common across the southern part of Peterborough County. The topography is level to slightly depressional, and the soils are water saturated for considerable portions of the year. The soil parent material consists of well sorted, calcareous, medium sand. The dominant soil profile of the map unit is Granby series, an Orthic Humic Gleysol (1981, pg. 19).*

*Vespra Organic – The Vespra soils have developed from organic materials derived from grasses, mosses, sedges, reeds, rushes and/or wood. The materials are dominantly well decomposed and exceed 160 cm in depth. They are strongly acid to neutral in reaction. With water table levels at or near the surface during much of the year they are considered to be very poorly drained soils. They are classified as Typic Humisols (1981, pg. 26).*

*Washago Organic - The Washago soils have developed from organic materials derived from grasses, sedges, reeds, rushes, mosses and wood. The materials are well decomposed and overlie a coarse textured mineral layer within a depth of 40- 100 cm. This mineral material may vary in texture and includes gravel, sand, loamy sand and sandy loam. The soils are strongly acid to neutral in reaction. They are very poorly drained with water table levels that are at or near the*



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*surface throughout much of the year. Their taxonomic classification is Terric Humisol (1981, pg. 26).*

Soil capability for agriculture is mapped by Agriculture and Agri-Food Canada (AAFC 2005). Lands classified as Class 1 are the most agriculturally productive, while those classified as Class 7 have the lowest capability for agriculture. Class 1 to 5 agricultural lands are generally arable, while classes 1 through 3 are defined by the Ontario Ministry of Agriculture, Food and Rural Affairs to be prime agricultural soils for common field crop production.

Soils in Class 2 have moderate limitations that restrict the range of crops or require moderate conservation practices. Soils in Class 3 have moderately severe limitations that restrict the range of crops or require special conservation practices. Soils in Classes 4 and 5 have very severe limitations that restrict their capability in producing perennial forage crops, and improvement practices are feasible. Soils in Class 6 are capable of only producing perennial forage crops, and improvement practices are not feasible.

Class 0 (organic), 2, 3, 4, 5, 6, and 7 soils occur in the Study Area: however, the PR crosses primarily classes with severe limitations (Classes 0, 4, 5 or 6).

### 3.3.6 Soybean Cyst Nematode

Soybean cyst nematode (SCN) (*Heterodera glycines*) is a soil borne parasite that can significantly impact soybean yields. SCN is present in some southern Ontario agricultural fields and is spreading gradually from the southwest to the northeast. Recent documentation indicates that SCN has been identified east of Toronto (Riggs, 2015). As agriculture is a major traditional industry for the region and Peterborough County, there is the potential for SCN to be present in the Study Area (i.e., if the temporary workspace extends into agricultural land).

### 3.3.7 Agricultural Tile Drainage

Agricultural tile drains are perforated tubing inserted into the ground below the topsoil with the intentions of improving drainage in the upper root zone and, ultimately, agricultural productivity. In the Study Area, there are no occurrences of mapped random or systematic tile drainage.

### 3.3.8 Regulated Area and Natural Hazards

Natural hazards are elements of the physical environment that have the potential to affect a project in an adverse manner. The Peterborough County OP (2020), limits or restricts development in areas subject to natural hazards. Potential natural hazards in the Study Area are limited and would likely be the result of flooding of watercourses associated flooding/high-water levels and seismic activity.

Regarding the latter, the Study Area lies in the Southern Great Lakes Seismic Zone (Natural Resources Canada 2019). This zone has a low to moderate level of seismicity when compared to the more active seismic zones to the east, such as the Western Quebec Seismic Zone which captures the area along the Ottawa River and in Quebec. According to data from Natural Resources Canada (2019), over the last 30 years, on average, 2 to 3 magnitude 2.5 or larger earthquakes have been recorded in the Southern Great



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Lakes region. By comparison, over the same period, the smaller region of Western Quebec experienced 15 magnitude 2.5 or greater earthquakes per year (Natural Resources Canada 2019).

Three moderately sized (magnitude 5) events have occurred in the 250 years of European settlement of this region, all of them in the United States - 1929, Attica, New York, 1986, near Cleveland, Ohio, and 1998, near the Pennsylvania/Ohio border. All three earthquakes were widely felt but caused no damage in Ontario (Natural Resources Canada 2019).

While the likelihood of seismic activity occurring in the Study Area is low, flooding is more prevalent a risk as it is the most frequent natural hazard experienced in the Country. Flooding can occur throughout the year because of heavy rainfall but often occurs in the spring and is the result of rapid snow melt or ice melt. Development within potential flooding areas and wetlands is regulated by ORCA and the Project will require a permit from ORCA. A map of the ORCA regulation limit is provided in Figure C-3, Appendix C.

## 3.4 BIOPHYSICAL FEATURES

### 3.4.1 Aquatic Resources

As part of the assessment of potential environmental impacts, an aquatic resource review was undertaken to document and characterize aquatic features in the Study Area. The review was undertaken to identify potential impacts and provide recommendations for mitigation measures.

Indigenous engagement with Rights-holders in the Treaty territory has highlighted the importance of water and aquatic resources. The Study Area is in close proximity to waterbodies of high historical value to local Indigenous peoples; places where Rights-holders continue to this day to exercise their Aboriginal or treaty rights. Enbridge values Indigenous conceptions of water stewardship and management and will continue to engage with Rights-holders to distinctively understand potential impacts the proposed project may have.

#### 3.4.1.1 Methods

##### Background Data Review

A background data review was conducted to determine locations of potential water features in the Study Area. Data were gathered through agency requests and by accessing the following online databases and sources:

- Natural Heritage Information Centre (NHIC) Database (NDMNRF 2021)
- Land Information Ontario (NDMNRF 2022)
- DFO Aquatic species at risk mapping (DFO 2021)

In addition to the above sources, ORCA was contacted to determine if areas regulated by the conservation authorities occur within the Study Area.





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## Field Investigations

A reconnaissance assessment of the line occurred during winter conditions with minor snow cover on December 22, 2021. The purpose of the site investigation was to:

- Confirm existing watercourse crossings along the PR and the potential for aquatic resources.
- Determine whether any additional watercourse crossings exist along the PR, other than those identified in the NDMNRF databases.

### 3.4.1.2 Results

## Background Data Review

The ORCA Watershed Planning & Regulations Policy Manual (ORCA 2015) indicates that there are two subwatersheds within the Study Area, including West Kawartha Lakes (Chemong Lake) and East Kawartha Lakes (Katchewanooka Lake/Otonabee River). The PR crosses 2 mapped watercourses (Appendix C, Figure C-3), including the following:

- One potential crossing of Miller Creek
- One potential crossing of an unnamed tributary to Miller Creek

## Background Information

**Table 3.1** below provides a summary of the crossings associated with each of the subwatersheds within the Study Area.

**Table 3.1: Subwatersheds and Associated Watercourse Crossings**

Subwatershed	Crossing ID
West Kawartha Lakes	None
East Kawartha Lakes	<ul style="list-style-type: none"><li>• EL-1 (unnamed tributary to Miller Creek)</li><li>• EL-2 (Miller Creek)</li></ul>

**Table 3.2** below summarizes NDMNRF records (NDMNRF 2022a) for fish species that have been recorded within Miller Creek in the East Kawartha Lakes Subwatershed.

**Table 3.2: Watercourse Crossing Details**

Watercourse	Crossing ID	Species Present (NDMNRF 2022a)
Miller Creek	EL-1 (unnamed tributary to Miller Creek) EL-2 (Miller Creek)	Blacknose Dace ( <i>Rhinichthys atratulus</i> ) Brassy Minnow ( <i>Hybognathus hankinsoni</i> ) Brook Stickleback ( <i>Culaea inconstans</i> ) Central Mudminnow ( <i>Umbra limi</i> ) Common Shiner ( <i>Luxilus cornutus</i> ) Creek Chub ( <i>Semotilus atromaculatus</i> ) Fathead Minnow ( <i>Pimephales promelas</i> ) Finescale Dace ( <i>Chrosomus neogaeus</i> )



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**Table 3.2: Watercourse Crossing Details**

Watercourse	Crossing ID	Species Present (NDMNR 2022a)
		Iowa Darter ( <i>Etheostoma exile</i> ) Largemouth Bass ( <i>Micropterus salmoides</i> ) Northern Redbelly Dace ( <i>Chrosomus eos</i> ) Pumpkinseed ( <i>Lepomis gibbosus</i> ) White Sucker ( <i>Catostomus commersonii</i> )

Based upon data provided by LIO, two watercourses crossed by the PR are classified as warmwater habitat (NDMNR 2022a). No coldwater watercourses were identified within the Study Area. Figure C-3 in Appendix C illustrates the thermal regime obtained from NDMNR (2022a) for watercourses crossed by the proposed pipeline.

### 3.4.1.3 Aquatic Species at Risk

The federal SARA prohibits the killing, harming, harassing, capturing, or taking of an individual of a species that is listed as an extirpated, endangered or threatened species in Schedule 1 of the Act. It also prohibits the damage or destruction of the habitat of a species that is listed as endangered or threatened; or extirpated species provided that a recovery strategy has recommended the reintroduction of the extirpated species into the wild in Canada. DFO is responsible for federal aquatic species at risk other than those in, or on, federal lands.

The provincial ESA protects species that are Threatened, Endangered, or Extirpated in Ontario by prohibiting anyone from killing, harming, harassing, or possessing protected species, and by prohibiting any damage or destruction to the habitat of the listed species. All protected species are provided with general habitat protection under the ESA, with the goal of protecting areas that species depend on to carry out their life processes (e.g., reproduction, rearing, hibernation, migration or feeding). Some species have detailed habitat regulations that define the extent and characteristics of protected habitats.

Activities that may impact a protected species or its habitat require the prior issuance of a permit from the MECP, unless the activities are exempted under Regulation. The current Ontario Regulation 242/08 identifies activities which are exempt from the permitting requirements of the ESA subject to rigorous controls outside the permit process including registration of the activity and preparation of a mitigation plan. Activities that are not exempt under O. Reg. 242.08 require a complete permit application process.

Based on DFO Aquatic species at risk mapping (DFO 2021), the Study Area does not support any federally designated aquatic species at risk.

A review of the provincial NHIC database determined that there are no records of provincially designated aquatic species at risk in the Study Area.



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### 3.4.2 Forest and Vegetation Cover

The Project Study Area falls within Rowe's (1972) Great Lakes-St. Lawrence Forest Region where the vegetation is known to be relatively diverse. Hardwood forests may be dominated by sugar maple (*Acer saccharum*), American beech (*Fagus grandifolia*), white ash (*Fraxinus americana*), eastern hemlock (*Tsuga Canadensis*), with numerous other species found where substrates are well developed on upland sites. Lowlands, including rich floodplain forests, contain green ash (*Fraxinus pennsylvanica*), silver maple (*Acer saccharinum*), red maple (*Acer rubrum*), eastern white cedar (*Thuja occidentalis*), yellow birch (*Betula alleghaniensis*), balsam fir (*Abies balsamea*), and black ash (*Fraxinus nigra*) (Crins 2009).

#### 3.4.2.1 Vegetation Communities

A reconnaissance site visit occurred along the PR on December 22, 2021, during winter conditions with minor snow cover. The majority of the Study Area is comprised of agricultural forage crops (hay and pasture) with some woodlots, wetlands, low-density residential housing, commercial properties and quarries along the PR.

Significant woodlands include forest and treed swamp communities that are identified by Peterborough County as communities whose natural features and ecological functions should be maintained in a sustainable manner. No significant woodlands are identified by Peterborough County (2020) within the Study Area. Other woodlands identified by the NDMNRF (2022a) natural heritage mapping are shown on Appendix C, Figure C-2. Wetland communities located within the Study Area are discussed in Section 3.4.3.

### 3.4.3 Wetlands

The OWES is used to identify PSWs. An evaluated wetland may be one contiguous unit or may be a series of smaller wetlands functioning as a whole. Evaluated wetlands that do not qualify as provincially significant may be designated locally significant and may be protected through local planning and policy measures. There may also be unevaluated wetlands in an area.

A review of LIO (2022a) natural heritage mapping indicated that 2 Provincially Significant Wetlands (PSWs) and a mosaic of other unevaluated wetlands occur within the Study Area (Appendix C, Figure C-2). The PSWs within the Study Area are identified as Snelgrove Brook and the Lakefield Complex.

### 3.4.4 Wildlife Habitat and Species at Risk

Records of wildlife within the vicinity of the Study Area were compiled from available literature and resources including the Atlas of the Mammals of Ontario (Dobbyn 1994), Reptiles and Amphibians of Ontario (Ontario Nature 2013), the Ontario Breeding Bird Atlas (Cadman *et al.* 2007) and the ECCC species at risk Range Map Extents (ECCC 2022).

The potential for species to be present along the PR are limited by the habitat suitability and availability supported by the Study Area. Therefore, the identified species recorded from these databases may not occur along the PR. The following section outlines the significant wildlife habitat (SWH) features and species at risk found in the Study Area.



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Beyond biophysical features identified in alignment with provincial guidelines, Enbridge recognizes the potential presence of cultural keystone species in the Study Area. Through ongoing consultation and engagement, additional shared knowledge will be sought from Indigenous groups to better understand environmental priorities, approaches, and potential mitigations. In addition, Enbridge will be completing additional field studies (as required), including species at risk surveys, Butternut Health Assessments, tree inventories, breeding bird surveys, and bat exit surveys, to inform additional mitigation measures. Interested Indigenous groups will have the opportunity to participate in these field studies, if desired. The participation of Indigenous groups in field studies provides opportunities to better understand potential cultural keystone species in the study area and other environmental priorities.

### 3.4.4.1 Significant Wildlife Habitat

Wildlife habitat is defined as an area where plants, animals and other organisms live, including areas where species concentrate at a vulnerable point in their life cycle and that are important to migratory and non-migratory species (NDMNR 2010). Wildlife habitat is considered significant if it is ecologically important in terms of features, functions, representation, or amount, and contributing to the quality and diversity of an identifiable geographic area or Natural Heritage System (NDMNR 2010).

SWH are grouped into four categories:

1. Seasonal concentration areas
2. Rare vegetation communities or specialized habitat for wildlife
3. Habitats of species of conservation concern
4. Animal movement corridor

The presence of SWH in the Study Area was determined in two ways. First, publicly available NHIC data was reviewed for SWH (NDMNR 2022b; PC 2022b). Second, potential SWH was identified comparing the Significant Wildlife Habitat Criteria Schedules for Ecoregion 6E (NDMNR 2015) to aerial photography and results of the reconnaissance assessment conducted in 2021. The presence of SWH categories are discussed in **Table D-1** (Appendix D). Details and summaries of the significant wildlife assessment are summarized below.

### Seasonal Concentration Areas

Seasonal Concentration Areas are sites where large numbers of a species gather at one time of the year, or where several species congregate. Only the best examples of these concentration areas are typically designated as SWH. Review of the NHIC (NDMNR 2021) database identified colonial nesting bird habitat for waterbirds (ground) overlapping with the Study Area. Additional seasonal concentration areas that may occur in the Study Area based on the SWH Criteria Schedule for Ecoregion 6E (NDMNR 2015), are assessed in **Table D-1**, Appendix D.



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### Rare Vegetation Communities or Specialized Habitat for Wildlife

Rare vegetation communities or specialized habitats are defined as separate components of SWH. Rare vegetation communities are habitats that are considered rare or uncommon in the ecoregion, as defined in the SWH Criteria Schedules (NDMNR 2015). These habitats may support wildlife species that are considered significant. Specialized habitats are microhabitats that are critical to some wildlife species. Review of the NHIC (NDMNR 2021) database did not identify any rare vegetation communities or specialized habitats within the Study Area; however, candidate SWH for these components may be present within the Study Area.

### Habitat for Species of Conservation Concern

There are four types of species of conservation concern (SOCC): those which are rare, those whose populations are significantly declining, those which have been identified as being at risk from certain common activities and those with relatively large populations in Ontario compared to the remainder of the globe. The Significant Wildlife Habitat Criteria Schedule for Ecoregion 6E (NDMNR 2015) identifies marsh, open country and shrub/early successional bird breeding habitat and special concern and rare wildlife species in this category.

Rare species are considered at five levels: globally rare, federally rare with designations by the Committee on the Status of Endangered Wildlife in Canada (COSEWIC), provincially rare with designations by the Committee on the Status of Species at Risk in Ontario (COSSARO), regionally rare (at the Site Region level), and locally rare (in the municipality or Site District). This is also the order of priority that should be assigned to the importance of maintaining species.

Some species have been identified as being susceptible to certain practices, and their presence may result in an area being designated SWH. As detailed in **Table D-1** (Appendix D), habitat for marsh, open country, shrub/early successional breeding birds or terrestrial crayfish may occur in the Study Area.

Species designated as special concern provincially or federally are included as species of conservation concern. S-Ranks are status rankings (see list below) assigned for the province by the NDMNR and available in the NHIC database. Provincially rare species are those with S-Ranks of S1, S2, or S3 (NDMNR 2021):

- S1 – Critically Imperiled
- S2 – Imperiled
- S3 – Vulnerable
- S4 – Apparently Secure
- S5 - Secure

The NHIC database was accessed in February 2022, to obtain records of species of conservation concern (less than 30 years old) in the vicinity of the PR. A review of the NHIC database has indicated that 5 species of conservation concern have been previously documented in the vicinity of the Study Area. This list includes those species with a provincial ranking of S1 through S3, as well as species considered special concern (SC) federally or provincially.



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The Ontario Breeding Bird Atlas (Cadman *et al.* 2007), Ontario Reptile and Amphibian Atlas (Ontario Nature 2013), the Ontario Mammal Atlas (Dobbyn 1994) and the Environment and Climate Change Canada species at risk Range Map Extents (ECCC 2022) were also accessed to determine whether there is a potential for additional species of conservation concern in the Study Area. Based on this review, 19 wildlife species of conservation concern have ranges that overlap the Study Area, including 4 species of reptiles, 1 species of amphibian, 12 species of breeding birds, and 2 species of invertebrates.

Exact locations of species occurrences are not available from these databases or atlases, and the potential for species to be present is limited by habitat suitability and availability. Therefore, the identified species recorded from these databases may not occur in the Study Area.

**Table 3.3** below provides a summary of the species of conservation concern that have been identified during the NHIC and Wildlife Atlas background review, and whether potential habitat for these species is present in the Study Area.

**Table 3.3: Terrestrial Species of Conservation Concern**

Common Name	Scientific Name	SRANK	Provincial Status (COSSARO)	National Status (COSEWIC)	Source	Potential Habitat in the Study Area? (Y/N)
<b>REPTILES</b>						
Eastern Musk Turtle	<i>Sternotherus odoratus</i>	S3	SC	SC	ORAA, NHIC, ECCC	Y – Miller Creek, Snelgrove Brook PSW
Eastern Ribbon Snake	<i>Thamnophis sauritus</i>	S3	SC	SC	ECCC	Y – Found near water and wetlands
Northern Map Turtle	<i>Graptemys geographica</i>	S3	SC	SC	ORAA, NHIC, ECCC	Y – Chemong Lake or Miller Creek
Snapping Turtle	<i>Chelydra serpentina</i>	S3	SC	SC	ORAA, NHIC, ECCC	Y - Shallow marsh and open aquatic communities
<b>AMPHIBIANS</b>						
Western Chorus Frog - Great Lakes - St. Lawrence - Canadian Shield population	<i>Pseudacris maculata pop. 1</i>	S4	NAR	THR	ORAA, NHIC, ECCC	Y – Swamps, marshes, wet meadows



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**Table 3.3: Terrestrial Species of Conservation Concern**

Common Name	Scientific Name	SRANK	Provincial Status (COSSARO)	National Status (COSEWIC)	Source	Potential Habitat in the Study Area? (Y/N)
<b>BIRDS</b>						
Bald Eagle	<i>Haliaeetus leucocephalus</i>	S4B, S2N	SC	NAR	NHIC	Y – In woodlands near Chemong Lake or the Otonabee River
Canada Warbler	<i>Wilsonia canadensis</i>	S4B	SC	THR	NHIC, ECCC	Y – Moist, mixed forests
Common Nighthawk	<i>Chordeiles minor</i>	S4B	SC	THR	OBBA, ECCC	Y – Open habitats with rock/gravel substrate
Eastern Wood-Pewee	<i>Contopus virens</i>	S4B	SC	SC	OBBA, ECCC	Y – Deciduous forests
Golden-winged Warbler	<i>Vermivora chrysoptera</i>	S4B	SC	THR	ECCC	Y – Successional scrub habitats bordered by forests
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	S4B	SC	SC-NS	OBBA, ECCC	Y – Large meadows
Olive-sided Flycatcher	<i>Contopus borealis</i>	S4B	SC	THR	ECCC	Y – Coniferous forests
Short-eared Owl	<i>Asio flammeus</i>	S2N, S4B	SC	SC	ECCC	Y- Large, open meadows
Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>	S3	SC	END	ECCC	Y – open/cultural woodlands, hedgerows, roadside
Rusty Blackbird	<i>Euphagus carolinus</i>	S4B	SC	SC	ECCC	Y – Woodland habitat
Wood Thrush	<i>Hylocichla mustelina</i>	S4B	SC	THR-NS	OBBA, NHIC, ECCC	Y – Mature deciduous forests



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**Table 3.3: Terrestrial Species of Conservation Concern**

Common Name	Scientific Name	SRANK	Provincial Status (COSSARO)	National Status (COSEWIC)	Source	Potential Habitat in the Study Area? (Y/N)
Yellow Rail	<i>Coturnicops noveboracensis</i>	S4B	SC	SC	ECCC	Y –In sedge dominated shallow marshes in the Study Area
<b>INVERTABRATES</b>						
American Bumblebee	<i>Bombus pensylvanicus</i>	S3S4	NR	SC	NHIC	Y – Meadows and open fields
Monarch	<i>Danaus plexippus</i>	S4	SC	SC	ECCC	Y – Meadows where milkweed is found

**NOTES:**

AMO: Atlas of the Mammals of Ontario

END: Endangered - a species facing imminent extinction or extirpation

ECCC: Environment and Climate Change Canada

NHIC: Natural Heritage Information Centre

OBBA: Ontario Breeding Bird Atlas

ORAA: Ontario Reptile and Amphibian Atlas

COSSARO: Committee on the Status of Species at Risk in Ontario

COSEWIC: Committee on the Status of Endangered Wildlife in Canada

THR: Threatened - a species that is at risk of becoming endangered

SC: Special Concern - a species with characteristics that make it sensitive to human activities or natural events

S1: Critically Imperiled - Critically imperiled in the province (often 5 or fewer occurrences)

S2: Imperiled - Imperiled in the province, few populations (often 20 or fewer)

S3: Vulnerable - Vulnerable in the province, relatively few populations (often 80 or fewer)

S4: Apparently Secure - Uncommon but not rare

S?: Rank Uncertain

SH: Possibly Extirpated (Historical)

S#B: Breeding status rank

NS: No schedule – not yet on a *Species at Risk Act* schedule

### Animal Movement Corridors

Animal movement corridors are elongated, naturally vegetated parts of the landscape used by animals to move from one habitat to another (MNR 2000). Rivers, creeks, and drains may be used as amphibian movement corridors to/from breeding habitat while forested cover may be used by deer moving to/from wintering habitat. These features are present within the Study Area. Hedgerows may also serve as small linkages (MNR 2000). Preliminary vegetation community classification indicates the presence of watercourses, PSWs and linear hedgerows within the Study Area. Animal movement corridors are discussed in **Table D-1** (Appendix D).





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### 3.4.4.2 Species at Risk

Species at risk are those species given status rankings, by COSEWIC and/or COSSARO, as threatened or endangered according to federal or provincial legislation. Endangered and threatened species receive general habitat protection under the ESA 2007. Special concern species are not afforded habitat protection and have been summarized as species of conservation concern above.

Recent records (less than 30 years old) of endangered and threatened species were obtained through the NHIC database on the LIO Natural Heritage Mapping website, accessed February 2022. The NHIC database uses Element Occurrences to show locations of species. An Element Occurrence is defined as an area of land and/or water on/in which an element (e.g., species or ecological community) is or was present. For protection purposes, exact locations of species are not provided (only within a 1 km grid), and presence of the species in the Study Area are not definite.

In addition to the NHIC search, the Ontario Breeding Bird Atlas (Cadman *et al.* 2007), the Ontario Reptile and Amphibian Atlas (Ontario Nature 2013) and the Ontario Mammal Atlas (Dobbyn 1994) Environment and Climate Change Canada species at risk Range Map Extents (ECCC 2022) were accessed to determine whether there is a potential for additional endangered and threatened species in the Study Area. Based on this review, 20 threatened and endangered species have ranges that overlap the Study Area, including 2 species of reptile, 9 species of breeding birds, 3 species of mammal, 4 species of invertebrates, and 2 species of plants as shown in **Table 3.4**.

Exact locations of species occurrences are not available from these atlases, and the potential for species to be present is limited by habitat suitability and availability. Therefore, the identified species recorded from these atlases may not occur in the Study Area.

**Table 3.4: Terrestrial Species at Risk**

Common Name	Scientific Name	SRANK	Provincial Status (COSSARO)	National Status (COSEWIC)	Source	Potential Habitat in the Study Area? (Y/N)
<b>REPTILES</b>						
Blanding's Turtle	<i>Emydoidea blandingi</i>	S3	THR	END	ORAA, NHIC, ECCC	Y – Ponds, marshes and lakes with shallow water and abundant aquatic vegetation
Eastern Hog-nosed Snake	<i>Heterodon platirhinos</i>	S3	THR	THR	ECCC	Y – Sandy soils adjacent to cover and near water
<b>BIRDS</b>						
Barn Swallow	<i>Hirundo rustica</i>	S4B	THR	THR	OBBA, NHIC, ECCC	Y – Human-made structures; culverts and bridges



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**Table 3.4: Terrestrial Species at Risk**

Common Name	Scientific Name	SRANK	Provincial Status (COSSARO)	National Status (COSEWIC)	Source	Potential Habitat in the Study Area? (Y/N)
Bank Swallow	<i>Riparia riparia</i>	S4B	THR	THR	OBBA, ECCC	Y – roadside or waterbody embankments
Bobolink	<i>Dolichonyx oryzivorus</i>	S4B	THR	THR	OBBA, NHIC, ECCC	Y – Large hayfields and pastures
Cerulean Warbler	<i>Dendroica cerulea</i>	S3B	THR	END	ECCC	Y – Mature deciduous forests
Chimney Swift	<i>Chaetura pelagica</i>	S4B, S4N	THR	THR	OBBA	Y- Forests and swamps, however prefers human-made structures
Eastern Meadowlark	<i>Sturnella magna</i>	S4B	THR	THR	OBBA, NHIC	Y – Meadows, hayfields, pastures and woodlands
Eastern Whip-poor-will	<i>Caprimulgus vociferous</i>	S4B	THR	THR	ECCC	Y – Discontinuous patch forests
Least Bittern	<i>Ixobrychus exilis</i>	S4B	THR	THR	OBBA, NHIC, ECCC	Y – Marshes
Loggerhead Shrike	<i>Lanius ludovicianus</i>	S2B	END	END	ECCC	N – No successional grazed scrubland; very rare
<b>MAMMALS</b>						
Little Brown Myotis	<i>Myotis lucifugus</i>	S5	END	END	AMO COSEWIC*	Y – Forests and swamps
Northern Myotis	<i>Myotis septentrionalis</i>	S3?	END	END	AMO COSEWIC*	Y – Forests and swamps
Tri-coloured Bat	<i>Perimyotis subflavus</i>	S3?	END	END	AMO COSEWIC*	Y – Forests and swamps
<b>INVERTEBRATES</b>						
Gypsy Cuckoo Bumble Bee	<i>Bombus bohemicus</i>	S4	END	END	NHIC, ECCC	N – Only known to occur in Pinery Provincial Park, Dunks Bay, Oliphant Fen, and Presqu'île Provincial Park (Colla, 2017)



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**Table 3.4: Terrestrial Species at Risk**

Common Name	Scientific Name	SRANK	Provincial Status (COSSARO)	National Status (COSEWIC)	Source	Potential Habitat in the Study Area? (Y/N)
Mottled Duskywing	<i>Erynnis martialis</i>	S2	END	END-NS	ECCC	N – Nearest isolated occurrence is in Alderville (COSEWIC 2012)
Macropis Cuckoo Bee	<i>Epeoloides pilosulus</i>	S1	N/A	END	ECC	N – No historical observations in Study Area; very rare
Rusty-patched Bumble Bee	<i>Bombus affinis</i>	S1	END	END	ECCC	N – Only know occurrence is in Pinery provincial park
<b>PLANTS</b>						
Butternut	<i>Juglans cinerea</i>	S2?	END	END	NHIC ECCC	Y – May occur within in the Study Area
American Ginseng	<i>Panax quinquefolius</i>	S2	END	END	ECCC	Y – This species is found within rich, moist deciduous woods, particularly on calcareous rocky shaded slopes

**NOTES:**

AMO: Atlas of the Mammals of Ontario

END: Endangered - a species facing imminent extinction or extirpation

ECCC: Environment and Climate Change Canada

NHIC: Natural Heritage Information Centre

OBBA: Ontario Breeding Bird Atlas

ORAA: Ontario Reptile and Amphibian Atlas

COSSARO: Committee on the Status of Species at Risk in Ontario

COSEWIC: Committee on the Status of Endangered Wildlife in Canada

\*COSEWIC Assessment and Status Report on the Little Brown Myotis, Northern Myotis, and Tri-colored Bat in Canada

THR: Threatened - a species that is at risk of becoming endangered

SC: Special Concern - a species with characteristics that make it sensitive to human activities or natural events

S1: Critically Imperiled - Critically imperiled in the province (often 5 or fewer occurrences)

S2: Imperiled - Imperiled in the province, few populations (often 20 or fewer)

S3: Vulnerable - Vulnerable in the province, relatively few populations (often 80 or fewer)

S4: Apparently Secure - Uncommon but not rare

S5: Secure - Common, widespread, and abundant in the province

S?: Rank Uncertain

SH: Possibly Extirpated (Historical)

S#: Breeding status rank

NS: No schedule – not yet on a *Species at Risk Act* schedule



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Although potential habitat for species at risk is present in the Study Area, the proposed PR is located within an existing road allowance that is periodically disturbed for maintenance work. In addition, construction techniques will avoid some sensitive habitats (i.e., through the use of trenchless technologies such as horizontal directional drilling) for areas associated with watercourses and wetlands. Potential impacts and mitigation measures for areas where construction of the pipeline may interact with wildlife and wildlife habitat are noted in **Table 5-1**.

## 3.5 SOCIO-ECONOMIC ENVIRONMENT

### 3.5.1 Demographics

The Township of Selwyn is centrally located in the County of Peterborough, a rural municipality of approximately 55,700 residents (Statistics Canada 2017a). The County is comprised of eight (8) Townships, Selwyn being the most populated lower-tier municipality in the County (Statistics Canada 2017b). The Township of Selwyn, and Project Study Area, are located equal distances (approximately 15 km) from the City of Peterborough to the south, and the Curve Lake First Nation reserve, to the north.

The population breakdown of the upper- and lower-tier municipality in 2016 in which the Study Area occurs is presented in **Table 3.5** below.

**Table 3.5: Population, 2016**

Location	Total Population	Land Area (km <sup>2</sup> )	Population Density per km <sup>2</sup>
Ontario	13,448,494	908,699	14.8
Peterborough (County)	138,236	3,848.20	35.9
Selwyn (Township)	17,060	315.69	54.0

Source: Statistics Canada 2017a and 2017b

Between 2011 and 2016, the Township of Selwyn and County of Peterborough saw a marginal increase in population. In this five-year period, the Township of Selwyn experienced an annual population growth rate of 1.3% (Statistics Canada 2017b). As shown in **Table 3.6**, during this five-year period, the Township's population increased from 16,846 to 17,060 (2.4% increase in annual growth), while the County's population increased from 134,928 to 138,236 (2.4% increase in annual growth) (Statistics Canada 2017a).

**Table 3.6: Population Growth from 2011-2016**

Location	Total Population 2011	Total Population 2016	Annual Growth (%)
Ontario	12,851,821	13,448,494	4.6
Peterborough (County)	134,928	138,236	2.4
Selwyn (Township)	16,846	17,060	1.3



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Albeit not captured in Statistics Canada figures, the Township of Selwyn experiences an influx of non-residents in the summer (i.e., cottagers and vacationers). According to a Business View Magazine article (2017), the Township has seen an increase in planning applications requesting approval to convert three-season cottages into four-season homes. Suggesting that the population in the Township will continue to increase as seasonal residents look to become permanent residents in the Township. The Township's Council expects that as more businesses shift to a remote-work / hybrid workforce, the pull to live in the Township year-round will only increase with "work from home" policies.

To accommodate the growth that is expected to take place, rural portions of the Township and County are expected to undergo development. This will change the landscape of rural areas, which are presently sparsely populated, and will increase the demand for municipal services and utilities, including natural gas.

At present, the Study Area is comprised of residential properties, agricultural operations, manufacturing, and businesses.

### 3.5.2 Employment and Business

The most recent economy and employment statistics are provided in the 2016 Census of Population (Statistics Canada 2017a and 2017b). **Table 3.7** summarizes the unemployment and employment rate, participation rate, and the median income of persons over the age of 15 captured at the time of census in Ontario, County of Peterborough, and Township of Selwyn.

**Table 3.7: Labour Characteristics for Persons > 15 years, 2016**

Location	Total Population 15 years and Over	Labour Force	Employed	Participation Rate (%)	Employment Rate (%)	Unemployment Rate (%)
Ontario	11,038,440	7,141,675	6,612,150	64.7	59.9	7.4
Peterborough (County)	115,245	68,180	62,740	59.2	54.4	8.0
Selwyn (Township)	14,535	8,485	7,995	58.4	55.0	5.8

Source: Statistics Canada (2017a and 2017b).

As shown in **Table 3.7**, in 2016, the Township of Selwyn and County of Peterborough had lower participation and employment rates when compared to the rates for the wider province of Ontario.

Median income for households and individuals is presented in **Table 3.8**.



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**Table 3.8: Median Income, 2015**

Location	Median Total Income of Households (\$)	Median Total Income of Individuals (\$)
Ontario	\$74,287	\$33,539
Peterborough (County)	\$64,437	\$31,792
Selwyn (Township)	\$79,349	\$36,618

Source: Statistics Canada (2017a and 2017b).

Median income of households in the County of Peterborough overall was less than the provincial median by \$9,850 while the Township of Selwyn was \$5,062 greater than the provincial median. Median income of individuals in the County of Peterborough was less than the provincial median by \$9,850 and, conversely, \$3,079 more than the provincial median in the Township of Selwyn.

The top three occupation classifications in Township of Selwyn were health care and social assistance (15.0%), retail and trade (11.5%), and construction (11.3%) in 2016. According to the Township's Economic Development Strategy 2018-2022 (Township of Selwyn n.d.a), these industries will continue to dominate the Township's workforce/economy in the coming years.

Currently, the population of Selwyn aged 65+ represents 24% of the total population. It is projected that by 2026, that number could represent up to 30%: "As the population ages and with more people staying in their homes longer, services directed at retirement living and seniors are growing trends with immense opportunities. Services that provide in-home care, medical equipment, accessibility, transportation, home maintenance and recreation are all opportunities that will see an increase moving forward" (Township of Selwyn n.d.a., page 19). Similarly, retail and services and manufacturing are projected to increase as the Township has introduced a number of incentives to see these sectors flourish.

### 3.5.3 Community Services & Municipal Infrastructure

#### Permanent and Temporary Accommodations

In 2016, there were 6,855 occupied private dwellings in the Township of Selwyn. Most homes were single-detached houses (6,360) and the average household size was 2.6 persons. Most occupants were owners (88%) and not renters (Statistics Canada 2017b).

In the County of Peterborough, there were 57,745 occupied private dwellings, the majority of which were single-detached houses (41,750) and the average household size was 2.3 persons recorded at the time of census. Similarly, most occupants were owners (73%) and not renters (Statistics Canada 2017b).

The County of Peterborough is in the Provincial Tourism Region 8 (Kawartha Northumberland Region Ontario) (MHSTCI 2009). The commercial accommodations in this Region are mostly dominated by seasonal campgrounds, trailer parks, and housekeeping cottages. While there is an absence of any nationally branded hotel/motel properties, there are a range of options that include character inns, resorts and B&Bs that serve independent travelers and small groups (MHSTCI 2008). A short distance outside the Study Area, for instance, there are numerous accommodations available such as the Village Inn (located at 39 Queen Street, 2 km east of the Study Area), Lakeside Cottages (located at 1650 Stenner



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Road, 4.5 km southeast of the Study Area), and Knights Court Motel (located 1596 Chemong Road, 8 km north of the Study Area).

The COVID-19 pandemic has had an impact on travel and tourism in Ontario (MHSTCI 2021), and the number of operating establishments offering temporary accommodations has likely changed as a result of the pandemic and travel restrictions.

### **Municipal Services and Infrastructure**

As outlined in the Trent Assessment Report (2014), referenced in Section 3.3.3 of this ER, water systems in the O-P SPA include municipal systems of various sizes that draw water from groundwater and surface water sources. In the Township, municipal water supply systems and wastewater systems are limited – municipal water and sewer services are available in the Lakefield Ward and in the Woodland Acres Subdivision (Township of Selwyn n.d.b). The Township of Selwyn owns the infrastructure for both these systems and has an agreement with the Peterborough Utilities Services Inc., who maintains day-to-day operations.

According to the Township's webpage, the Lakefield Water Treatment Plant provides drinking water to approximately 1,100 homes and business within the Village of Lakefield. A total of 22 km of water distribution pipe, 1110 fire hydrants, and 3,650 m<sup>3</sup> of water storage make up the Lakefield Water System (Township of Selwyn n.d.b). The Woodland Acres Water System utilizes the Peterborough Water Treatment Plant to supply drinking water to 34 residents within the community of Woodland Acres. The Township/County maintain and operate the 26 fire hydrants, 5 km of water distribution pipe, and 1 booster pumping station within this system (Township of Selwyn n.d.b).

The Lakefield Wastewater Treatment Plant is comprised of 334 sanitary sewer connections, 278 sanitary sewer structures, 20 km of sanitary sewer collection mains, and 6 pumping stations (Township of Selwyn n.d.b). The Woodland Acres Wastewater System contains 224 sanitary sewer connections, 59 sanitary sewer structures, and 4 km of sanitary sewer collection mains (Township of Selwyn n.d.b).

Aside from these aforementioned municipal systems supplied by the Township, the majority of existing development in the municipality is served by individual private, on-site water supply and wastewater systems: "Private water systems within the remainder of the Township draw water from wells, cisterns, lakes and rivers" (Township of Selwyn n.d.b). Most residents in the Study Area rely on private wells for domestic water supply uses and, for the management of private wastewater, rely on systems such as privies, leaching pits, cesspools, and septic tank systems.

Peterborough County and the Township share the responsibility of providing waste and recycling services and facilities throughout Selwyn. Within the Study Area, there is one local landfill site, the Smith Waste Disposal Site (located at 1480 County Road 18 (8th Line of Smith)), which operates under MECP Environmental Compliance Approval (ECA) No. A34160. This site services a large rural geographic area as well as the villages of Lakefield and Bridgenorth. It is permitted to receive solid non-hazardous waste for landfill and operates several waste diversion programs including but not limited to blue box, electronics, hazardous waste, scrap metal, and construction demolition material (Cambium 2020).



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### **Health and Education Services and Infrastructure**

The City and County of Peterborough, as well as Curve Lake and Hiawatha First Nations, are served by Peterborough Public Health, a registered charity that offers programs and services to the residents in these areas. For medical emergencies and treatments, residents of the County have access to the Peterborough Regional Health Centre – which is the nearest hospital to the Study Area, located at 1 Hospital Drive, in Peterborough. No hospital or health facilities, i.e., walk-in-clinics, etc., are located in the Study Area. The Chemong Family Health Organization (located at 765 Ward Street, Bridgenorth) and Morton Community Healthcare Centre (located at 150 Strickland Street, Lakefield) are the nearest healthcare facilities in proximity to the Study Area.

There are no elementary public schools or public high schools in the Study Area. The Chemong Public School, which is part of the Kawartha District School Board, is located 6.2 km west of the proposed Station at 1029 Gore Street, Bridgenorth. The Lakefield District Public School, another public school that is part of the Kawartha District School Board, is located 1.2 km east of the Study Area at 71 Bridge Street, Lakefield. No other schools are located within the Study Area or, more broadly, are within 1 km from the centre line of the PR.

### **Roads, Highways and Culverts**

The Township of Selwyn Public Works department and the Peterborough County Operations Division of the Infrastructure Services Department is responsible for the maintenance and management of the road system within the Study Area (Peterborough County n.d.). There are four arterial county roads in the Study Area managed by the County, including County Road 20, 8th Line Smith (County Road 30) which travels east-west, and Centre Line Smith (Country Road 24) and Buckhorn Road (Country Road 23) which both travel north-south. There is a total of two local roads the PR will traverse which are maintained by the Township of Selwyn Public Works department: Holden Road and Merlenor Court.

### **Policing, Fire and Emergency Response Services**

The Township of Selwyn is mainly serviced by the Ontario Provincial Police (OPP); the Village of Lakefield is serviced by the Peterborough Police Service (Township of Selwyn n.d.c). There are no OPP detachments in the Study Area; the nearest detachment is located in Peterborough, at 453 Lansdowne Street East (OPP 2019).

The Peterborough County-City Paramedics (PCCP) provides emergency medical care to residents of the County and City of Peterborough; and are jointly funded by the Peterborough County, City of Peterborough, and the Province of Ontario through the Ministry of Health. According to the Township's webpage, "The PCCP Head office is located on Armour Road in the City of Peterborough, with additional bases located in Peterborough, Lakefield, Norwood, Apsley and a seasonal base in Buckhorn" (Township of Selwyn n.d.c).

The Township's Fire Department is responsible for fire prevention and response within Selwyn. The Fire Department consists of 5 Fire Halls, 86 volunteer firefighters, 5 Rescue Units, and 3 Rescue Boats.





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### 3.5.4 Infrastructure

Infrastructure identified for the purpose of this Project includes roads, electrical transmission corridors, and other utilities.

#### **MTO Network Roads**

No MTO network roads are in the Study Area and, through consultation, MTO confirmed no concerns with the proposed Project as the PR follows the municipal road system and is well beyond the provincial highway system.

#### **Railways**

No rail lines are located within the Study Area.

#### **Utilities**

A variety of buried and overhead utilities (e.g., telephone, low-voltage hydroelectric) are located in road allowances throughout Study Area. During consultation and engagement, select utility owners and operators were provided with a Notice of Study Commencement and Virtual Information Session. On March 8, 2022, Hydro One provided a response to the Notice indicating the utility company has distribution assets within the Study Area. Hydro One requested Enbridge Gas continue to consult with the utility company through to Project construction.

### 3.5.5 Culture, Tourism and Recreational Facilities

The Study Area is a predominantly rural area with limited cultural, tourism, and recreational facilities. Directly within the Study Area is the Selwyn Township municipal office (located at 1310 Centre Line, Peterborough). While no other facilities occur within the Study Area, there are an abundance of recreational and tourism opportunities available in the Township that are located in short distance from the PR and proposed Station.

As tourism is one of the leading industries in the Township, Selwyn is home to a number of local restaurants, shops, and business – the majority of these are located in proximity to the Otonabee River and Chemong Lake.

Within the Township, there are also beaches, parks, and trails that are available for public use and enjoyment. In total, there are 5 parks, 3 formal trail systems, and 3 beaches. Adjacent to the Study Area, residents and visitors of Selwyn can enjoy the local natural areas and Otonabee River and Chemong Lake by visiting Jones Beach, Chemong Park, Lakefield Beach and Playground, and Imagine the Marsh Conservation Area. During the summer, residents and visitors take advantage of these areas to participate in boating, canoe and kayaking, swimming, and fishing opportunities, as well as wildlife viewing and hiking opportunities.



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Select culture, tourism, and recreational facilities identified along the PR or immediately outside the Study Area are identified in Appendix C, Figure C-1. Potential cultural heritage resources are discussed in Section 3.5.11 of the ER.

### 3.5.6 Air Quality and Noise

The landscape of the Study Area is a rural, residential/cottage community that is comprised of some agricultural land and open space and/or natural heritage features. Albeit minimal, agricultural operations outside the Study Area and everyday vehicle use from residents have the potential to expel air emissions.

According to the Environmental Noise Guideline (MOECC 2013), the landscape of the Study Area would most likely be categorized as a Class 3 area. This means “a rural area with an acoustical environment that is dominated by natural sounds having little or no road traffic, such as a small community; agricultural area; a rural recreational area such as a cottage or a resort area; or a wilderness area.”

The Study Area is expected to experience a low traffic volume that represents a minimal source of noise for most of the PR. Minor noise sources in the Study Area may result from occasional sounds due to anthropogenic agricultural activities and occasional sounds due to anthropogenic domestic activities such as property maintenance and recreation.

### 3.5.7 Indigenous Land Use and Traditional Knowledge

Stantec respectfully acknowledges that the Williams Treaties First Nations hold constitutionally protected harvesting rights in portions of the Study Area within Treaty 20. The value of traditional knowledge and oral history are acknowledged and welcomed and provide context and background to the findings of archaeological studies. We recognize that Indigenous communities have strong ties to their lands and that the use of these lands, from a development, ecosystems, and sustainability perspective, is of vital importance to the communities.

During the early post-contact period the north shore of Lake Ontario was occupied by the Huron-Wendat and the Michi Saagiig Nishnaabeg (Mississauga Anishinaabeg). The Mississauga traditional homeland stretched along the north shore of Lake Ontario and its tributary rivers from present-day Gananoque in the east to Long Point on Lake Erie in the west. Michi Saagiig oral histories speak to their people being in this area of Ontario for thousands of years, and the Michi Saagiig of today are the descendants of the ancient peoples who lived in Ontario during the Archaic and Paleo-Indian periods. The Mississauga traditional territory was located between two powerful confederacies, the Three Fires Confederacy (consisting of the Odawa, Ojibwa and Pottawatomi) located to the north and west, and the Haudenosaunee (Five Nations Iroquois) Confederacy on the south shore of Lake Ontario in present-day New York State. In this geo-political context, the Mississauga acted as peacekeepers among the various Indigenous nations, acting as negotiators and emissaries (Kapyrka 2018). A copy of the document “Michi Saagiig Background – Historical Context” is located in Appendix A of the Stage 1 AA, which is located in Appendix E of the ER.



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In 2018 the Williams Treaties were renegotiated, and the settlement agreement included: recognition of pre-existing treaty harvesting rights, federal and provincial apologies, financial compensation, and additional reserve lands. The Study Area is located within Treaty 20 Traditional Territory.

### 3.5.8 Land Use

Municipal land uses, policies, and practices in the Study Area are governed by local Zoning By-laws and the Peterborough County OP (2020), which functions as the OP for the Township.

As per Schedule 'A1' Land Use Plan – Rural Component Smith and Ennismore Wards of the Peterborough County OP (2020), a number of land use designations occur in the Study Area. These land use designations include the Rural, Growth Centre (Lakefield and Bridgnorth), Extractive Industrial – aggregate resources area, Rural industrial, and Provincially Significant Wetland designation. The Peterborough County OP (2020) describes these land uses in the follow ways (to maintain the intent of the policies which apply to these designations, the following text has been copied almost directly from the OP):

*Rural designation applies to lands outside of an identified settlement area where the aim is to preserve and enhance the rural character of the County and ensure the viability of the agricultural industry. Land uses that are permitted in rural areas are agricultural operations, farming, and rural developments that do not threaten the quality or quantity of ground and surface water.*

*The Growth Centre (Lakefield and Bridgnorth) designation represents areas of growth and capital investment in the County. The Township of Selwyn has designated Lakefield as the primary growth centre for the municipality. The Township has worked with and continues to work with the private sector to advance the planning status of lands in Lakefield South and Lakefield East to make them “development ready” for residential development. The PR does not traverse the Growth Centre designation, but it is the land use designation in which the proposed Station occurs.*

*Extractive Industrial areas in the County are locations which contain high quality mineral aggregate reserves. It is the intent of the OP to recognize legally existing pits and high potential aggregate resource areas and to protect them from incompatible land uses. Permitted in the Extractive Industrial designation are sand, gravel, and quarry operations. Rural uses, excluding residential, will generally be permitted in the Extractive Industrial designation, provided it can be shown that aggregate extraction is not feasible, or the proposed land use serves a greater public interest, or the rural use would not preclude aggregate extraction in the future.*

Known deposits of mineral aggregate resources are shown on Schedule 'A1' of the County's OP (2020). This area correspondents to the aggregate sites operated by Drain Bros Ltd. and Delray Granite.

*The Rural Industrial designation is intended to mark areas in the County for dry industrial development including light manufacturing industries and service-related industrial firms. The predominant use of land within the Rural Industrial designation shall be for dry industries based on private water supply and sewage disposal services. Permitted uses include light*



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*manufacturing, assembly, processing, fabrication, warehousing and storage of goods and materials.*

*The Provincially Significant Wetland designation applies to all provincially significant wetlands as identified by the NDMNRF. In accordance with the Provincial Policy Statement (2020), development and site alteration shall not be permitted within PSWs.*

There are no policies in the County's OP indicating the development of natural gas pipelines is not permitted in the Study Area. The OP cites that, natural gas distribution systems shall be permitted in any designation upon consideration that the use is necessary in the proposed location, that due consideration has been given to alternative locations and, that the public use or utility will be designed to be as compatible as practical with surrounding land uses (2020 page 7-37).

### 3.5.9 Landfills and Contaminated Sites

#### Landfills

In accordance with the MECP's Guideline D-4 Land Use on or Near Landfills and Dumps (1994), active and closed landfills within 500 m of the Study Area were reviewed. The potential location of these sites in the Study Area was determined by cross-referencing OP mapping for the County and mapping by the Township of Selwyn as well as the MECP's Small and Large Landfill Sites listed on the MECP website (2022c; 2022c).

As noted in Section 3.5.3 of the ER, within the Study Area, there is one local landfill site, the Smith Waste Disposal Site, which operates under MECP Environmental Compliance Approval (ECA) No. A34160. This site receives solid non-hazardous waste for landfill and operates several waste diversion programs including but not limited to blue box, electronics, hazardous waste, scrap metal, and construction demolition material (Cambium 2020). Based on a review of the above sources, no other large nor small landfill sites occur in the Study Area.

#### Contaminated Sites

Contaminated sites in and near the Study Area were determined by reviewing OPs, the MECP Brownfield's Environmental Site Registry (MECP 2011), and the Federal Contaminated Sites Inventory accessed through the Treasury Board of Canada Secretariat's website (Treasury Board 2011). These sources did not identify any potential contaminated, brownfield sites, or formal industrial sites within 500 m of the Project. The nearest Federal Contaminated site (00012718) is located 2.3 km south of the eastern most extent of the pipeline (Treasury Board 2011).

Areas of potential contamination, such as automotive shops and gas stations, that were identified via aerial analysis of the Study Area are present in Figure C-1, Appendix C. A total of three (3) sites of potential contamination occur within the Study Area.



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### 3.5.10 Archaeological Resources

A Stage 1 AA (Appendix E; Stantec 2022) has been conducted in support of the Project and has been summarized below. A copy of the draft Stage 1 AA report has been circulated to interested Indigenous communities for review and will be submitted to the MHSTCI for review and inclusion into the *Public Register of Archaeological Reports* once all Indigenous communities have had an opportunity to provide comments.

Initial background research compiled information concerning potential archaeological resources and features of archaeological potential in the study area for the Stage 1 AA. Stantec applied archaeological potential criteria stipulated in the *Standards and Guidelines for Consulting Archaeologists* (Government of Ontario 2011) to determine areas of archaeological potential in the study area for the Stage 1 AA. These variables include proximity to previously identified archaeological sites, distance to various types of water sources, soil texture and drainage, glacial geomorphology, elevated topography, and the general topographic variability of the area. However, it is worth noting that extensive land disturbance can eradicate archaeological potential (Government of Ontario 2011).

Primary water sources identified in the Stage 1 study area includes Miller Creek, which is a tributary to the Otonabee River, the Otonabee River located outside the Study Area for the ER and Chemong Lake at the western side of the study area for the Stage 1 AA. Throughout history, the Otonabee River was extremely important as a trade and travel route between present-day Lake Simcoe and Lake Ontario, for both Indigenous and Euro-Canadian peoples. Several wetlands area also crossed.

Ancient and/or relic tributaries of other primary water sources may have existed but are not identifiable today and are not indicated on historic mapping. Further examination of the Stage 1 AA's study area shows pockets of soil suitable for Indigenous and Euro-Canadian agriculture and areas of elevated topography. An examination of the *Ontario Archaeological Sites Database* has shown that there is one registered archaeological site within one kilometre of the study area for the Stage 1 AA.

Archaeological potential can be extended to areas of early Euro-Canadian settlement, including places of military or pioneer settlements; early transportation routes; and properties listed on the municipal register or designated under the Ontario Heritage Act or property that local histories or informants have identified with possible historical events, activities, or occupations. Historical mapping demonstrates that the study area for the Stage 1 AA follows the early municipal road structure, and that a railway and schoolhouses were adjacent to or within close proximity to the PR. Much of the established road and settlement from the early 19th century is still visible today.

When the above listed criteria are applied, the study area for the Stage 1 AA retains potential for the identification of Indigenous and Euro-Canadian archaeological resources. However, as noted above, extensive and deep land alteration can eradicate archaeological potential. The Stage 1 property inspection confirmed that a portion of the study area, approximately 17.9%, have been subject to extensive land disturbance. These areas include the municipal road ROWs of 8th Line, Selwyn Road, Holden Road, Centre Line, and Buckhorn Road, County Road 18, and County Road 14, which have been subject to modern disturbance such as the existing paved and gravel roads, paved and gravel shoulders, engineered foreslope and backslope for existing roads, ditching, gravel and paved driveways/laneways,



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and buried utilities and municipal infrastructure (e.g., sewers, pipelines, etc.). The Stage 1 AA property inspection confirmed disturbance of these areas. Additionally, approximately 15.7% of the study area for the Stage 1 AA was identified as low and wet and retain low to no potential for archaeological resources.

Overall, the Stage 1 AA determined that approximately 66.4% of the Study Area retains potential for the identification of Indigenous and Euro-Canadian archaeological resources.

### 3.5.11 Built Heritage Resources and Cultural Heritage Landscapes

The MHSTCI *Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes* (the Checklist) was completed for the Study Area. The Checklist is used to identify protected and potential cultural heritage resources in the Study Area and make recommendations for future work, as appropriate. The Checklist completed for the Project identified two indicators of cultural heritage value or interest (CHVI) in the Study Area. Results of the Checklist are included in **Table 3.9** and the completed Checklist is included in Appendix F.

**Table 3.9: Screening for Known (or recognized) Cultural Heritage Value According to MHSTCI Checklist**

Indicators of Cultural Heritage Value or Interest	Identified within the Study Area
Property identified, designated or otherwise protected under the OHA as being of cultural heritage value	Identified
A National Historic Site (or part of)	Not Identified
Designated under the <i>Heritage Railway Stations Protection Act</i>	Not Identified
Designated under the <i>Heritage Lighthouse Protection Act</i>	Not Identified
Identified as a Federal Heritage Building by the Federal Heritage Buildings Review Office	Not Identified
Located within a United Nations Educational, Scientific and Cultural Organization World Heritage Site	Not Identified
Is subject of a municipal, provincial or federal commemorative or interpretative plaque	Not Identified
Has or is adjacent to a known burial site and/or cemetery	Identified
Is in a Canadian Heritage River watershed	Not Identified
Contains buildings or structures that are 40 or more years old	Identified
Is considered a landmark in the local community or contains any structures or sites that are important in defining the character of the area	Identified
Has a special association with a community, person or historical event	Not Identified
Contains or is part of a cultural heritage landscape	Not Identified



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### 3.5.12 Indigenous Interests

This Project is in the Williams Treaties and Gunshot Treaty. There are no Indigenous communities located in the Study Area. The Curve Lake First Nations reserve is located approximately 15 km north of the Study Area.

Ontario, as the Crown, has a legal duty to consult with Indigenous peoples regarding projects or decisions that may adversely impact constitutionally protected Aboriginal or treaty rights. As noted in Section 2 of the ER, Indigenous communities who were identified through provision of a Project Summary to the MOE on January 18, 2021 (see Appendix B1) are as follows:

- Alderville First Nation
- Curve Lake First Nation
- Hiawatha First Nation
- Huron-Wendat Nation
- Kawartha Nishnawbe
- Mississaugas of Scugog Island First Nation

In addition to those communities outlined in the Letter of Delegation for the Project, Enbridge Gas also included the following communities in the Project's Consultation and Engagement program to determine their interest in the Project/Project area:

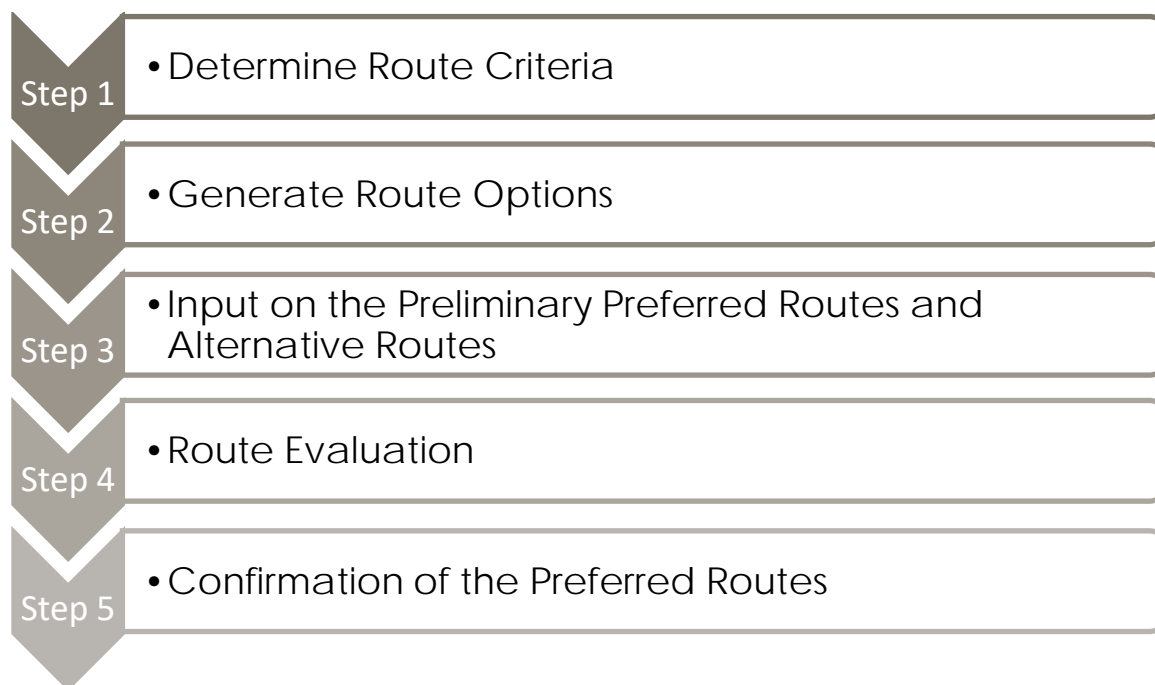
- Beausoleil First Nation (Christian Island)
- Chippewas of Georgina Island
- Chippewas of Rama First Nation



## 4.0 ROUTE EVALUATION AND PREFERRED ROUTE SELECTION

### 4.1 THE PROCESS

The route evaluation process was undertaken as per the *OEB Environmental Guidelines* (2016), which identify the environmental and socio-economic features to take into consideration and the principles to be considered during the route evaluation. The preferred routes for the proposed Project were confirmed through a five-step process, as illustrated in Figure 4.1.



**Figure 4.1: Route Evaluation Methodology**

### 4.2 STUDY AREA

The Study Area used for the route evaluation process is depicted on Figure A-1 (Appendix A). The Study Area encompasses an area of approximately 886 hectares (ha) and includes lands within Selwyn Township and the County of Peterborough. The Study Area is considered the area within which direct interactions with the natural environment could occur and allow for a reasonable number of alternative routes to be considered. Alternative routes were not considered outside of the existing municipal road allowance on 8th Line (see Section 4.4). As such, the Study Area was established extending 500 m on either side of the PPR. It is within this area that desktop information on socio-economic and environmental features have been collected for the purpose of assessing the potential impacts of the Project.





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The PPR commences at the intersection of 8th Line and Selwyn Road (east of the community of Bridgenorth and will travel east to the terminal tie-in point at 8th Line and Buckhorn Road. The Study Area is considered rural in nature consisting of agricultural land with residential and commercial properties located along the PPR.

## 4.3 STEP 1: DETERMINE ROUTE CRITERIA

### 4.3.1 Routing Objectives

The routing methodology is influenced by Enbridge Gas's preference to utilize existing municipal road allowance to locate the proposed pipelines (Appendix A, Figure A-2). Stantec's role was to determine through qualitative and quantitative assessment the PR for the proposed pipeline from an environmental and socio-economic perspective.

The process of developing alternative routes commenced with the identification of routing objectives. These include:

1. Routes should follow a reasonably direct path between end-points, thus reducing length as well as potential for environmental and socio-economic effect.
2. Routes should avoid sensitive environmental and socio-economic features to the extent possible; where they cannot be avoided routes should be located to reduce effects.
3. If road allowance cannot be followed, existing linear infrastructure should be utilized to the greatest extent possible in order to reduce effects to previously undisturbed land and/or constrain future land development.
4. Where new easements are required, existing lot/property lines should be followed to the extent possible within the Study Area.

### 4.3.2 Environmental and Socio-Economic Opportunities and Constraints

The route selection process was completed with consideration of the *OEB Environmental Guidelines* (2016). Chapter 4 of the *OEB Environmental Guidelines* (2016), 'Route or Site Selection', outlines the environmental and socio-economic features that should be considered during route evaluation.

A geographical information system (GIS)-based environmental inventory was compiled to identify existing features in the Study Area (both pipeline routing constraints and opportunities).

Environmental constraints are existing features that meet the following criteria:

- The feature would require site-specific mitigation measures to reduce potential effects.
- The feature has been selected or designated for protection (e.g., wetlands).
- The feature has been recognized through local, regional, provincial, or federal policy, plan, or statute, or is otherwise valued as an environmental or socio-economic resource.



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Environmental opportunities are existing features, such as road allowance, property lines or existing linear infrastructure, which provide a suitable location for the alignment of a pipeline.

Existing features were identified using relevant published literature, maps and digital data, and discussions with agencies and municipalities and were confirmed through field visits. The location and extent of environmental and socio-economic features are outlined in Section 3 of this ER and illustrated in Figure C-1, C-2, and C-3, Appendix C.

### **4.4 STEP 2: GENERATE ROUTE ALTERNATIVES**

Route alternatives were screened based on the existing natural gas infrastructure, and careful consideration of the routing objectives, the Study Area, and environmental and socio-economic constraints and opportunities identified in Step 1. Alternative route generation was conducted by staff from Stantec and Enbridge Gas using aerial photography interpretation and mapping of existing environmental and socio-economic constraints and opportunities.

For the Supply Lateral, Enbridge Gas's existing infrastructure allows for a potential starting point at the intersection of 8th Line and Selwyn Road and a terminal tie-in point at 8th Line and Buckhorn Road. Moving the Project to 9th Line (north of the PPR) or to 7th Line (south of the PPR) were not considered reasonable potential alternatives to the PPR since alignments on 9th line or 7th line would avoid small residential communities and commercial properties (including the Selwyn Municipal Office), and extend the length of the pipeline by at least 2.8 km. In addition, the Township of Selwyn passed a resolution (Resolution No. 2020 – 038) requesting that 8th line be submitted as a proposal to the OEB for future natural gas expansion to support local businesses and accommodate future growth and economic development in Selwyn Township.

Potential alternatives were not considered to be economically feasible, supported by the Township of Selwyn and maximize community service hook-ups; therefore, no other alternatives were considered early in the process.

### **4.5 STEP 3: ROUTE EVALUATION**

Based on the location of the starting and end points and the lack of economically viable alternatives, no route evaluation was conducted and the PPR was confirmed as the PR. The location of the PR and Study Area are shown in Figures A-1 and A-2 (Appendix A).

### **4.6 STEP 4: INPUT ON THE PRELIMINARY PREFERRED ROUTE**

The PPR was shown during the Virtual Information Session and communicated to stakeholders through emails notices and landowner mailouts. Comments received were generally positive, as several members of the public, notably landowners in the Township, demonstrated an interest in receiving natural gas and inquired on if they would be receiving natural gas from this Project. Social and environmental concerns landowners shared during consultation were highly generalized. Several landowners noted their displeasure with natural gas projects and the environmental impact of fossil fuels. No comments were received that would cause a change in the PR alignment (Figure A-1, Appendix A).



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## 4.7 STEP 5: CONFIRMATION OF THE PREFERRED ROUTE

The PR is currently illustrated within a general location of existing road allowance (Figure A-1, Appendix A). Detailed design will be undertaken by Enbridge Gas to determine the exact location of the pipeline within the road allowance. Detailed design will also be influenced by supplemental studies (e.g., geotechnical investigations) and site-specific requests from landowners and agencies. This information will be used to locate the pipeline to further reduce environmental and socio-economic impacts. Enbridge Gas also commits to refining the method of installation of the proposed pipeline through natural areas during detailed design, to reduce the disturbance area to the extent possible (see **Table 5-1** of the ER for more details). Additional information on the detailed design will be provided in the LTC application to the OEB.



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## 5.0 POTENTIAL IMPACTS, MITIGATION AND PROTECTIVE MEASURES AND NET IMPACTS

### 5.1 METHODOLOGY

The potential effects and impacts of the Project on physical, biophysical, and socio-economic features have been assessed in the Study Area upon review of the existing conditions outlined in Sections 3.3-3.5. With an understanding of pipeline construction and operation activities (see Sections 5.1.1 and 5.1.2, respectively) the assessment:

- Describes the environmental and socio-economic components
- Predicts the effects and associated impacts of construction and operation activities
- Recommends supplemental studies, mitigation and protective measures (including construction methods and timing, site-specific mitigation, environmental protection measures, and compensation measures)
- Outlines the net impacts that are likely to remain

The determination of effects, impacts, and mitigation and protective measures considered:

- Comments expressed during the consultation program
- Information available from published and unpublished literature
- Maps and digital data
- Mitigation guidance documents
- The pipeline development experience of Enbridge Gas and Stantec

By necessity, the analysis, integration, and synthesis of the data is an iterative process since information becomes available at various stages of the study and at different mapping scales. The level of detail of data and mapping increases as the study moves from analysis of the Study Area to a site-specific survey of features in the Project footprint. The data available at the current stage of the environmental study is appropriate for predicting effects and potential impacts and recommending mitigation and protective measures.

Specific information requests were made to several agencies throughout the Project. The information collected assisted in identifying environmental features and constraints located on and adjacent to the PR, the potential presence of species at risk and their habitat, predicting effects and potential impacts, and developing mitigation and protective measures. Where agencies requested that information be kept confidential, such as the precise location of rare, threatened, vulnerable or endangered species and archaeological sites, such information has been withheld from the report or mapped in such a way that specific site locations cannot be determined.



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The existing conditions maps (Appendix C) have been generated from data obtained from Ontario GeoHub/LIO (NDMNR 2022). Conservation Authority regulated area data was obtained from ORCA. Scales have been adjusted from the original source to better represent the features mapped. Stantec has digitally reproduced features added to the base maps. Additional mapping sources are identified on the respective map, and in the references.

There are instances where field investigations are recommended before construction. Given the location of the Project components and experience of Stantec in providing environmental services for natural gas pipelines, these supplemental studies are not expected to change the conclusions regarding potential adverse residual impacts. The environmental and socio-economic information presented in the ER is based on sources cited throughout.

**Table 5.1** below notes the potential impacts, mitigation, and protective measures, including recommended supplemental studies, and net impacts for the existing conditions as described in Sections 3.3 – 3.5.

### 5.1.1 Construction

The pipeline construction process includes various activities as described below and will be undertaken in accordance with the Enbridge Construction and Maintenance Manual (October 27, 2021):

**Site Preparation and Clearing:** The first activity is typically the survey and staking, which delineate the boundaries of the ROW and temporary work areas. Next, the ROW and temporary work areas are cleared of brush and trees. Safety fence is installed at the edge of the construction ROW where public safety considerations are required, and aspects of the Traffic Management Plan are implemented (i.e., signs, vehicle access). Silt fence is installed at required locations.

**Pipeline Installation:** Following site preparation and clearing, the pipeline may be installed by any one of two methods:

1. **Horizontal Directional Drilling (HDD):** This trenchless pipeline installation method involves creating entry and exist pits on either side of a feature (such as watercourses), drilling a pilot hole with the aid of drilling fluid, and then pulling the pipeline back through the hole.
2. **Trenching:** This pipeline installation method involves excavation of a trench, lowering the pipeline into place, and then backfilling the trench. During backfilling the originally excavated subsoil is placed over the pipe in the trench. In stony areas, the pipe may be sand padded to protect the coating. In shallow water table areas, the pipeline may be weighted to provide negative buoyancy.

**Bridgenorth Station Improvements:** Improvements/upgrades to the Bridgenorth Station are required to the facilities to address an increased load to the system. Improvements are anticipated to occur within the existing facility with no expansion of the current boundaries required.

**Hydrostatic/Pressure Testing:** The pipeline is pressure tested by filling the pipe with water or nitrogen and holding it at a high pressure for a set period of time, per the requirements of CSA Z662-19 Clause 8 and applicable Enbridge Gas specifications for pressure testing. Water is typically drawn by permit from



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nearby water sources such as watercourses or lakes, if available. Municipal water may also be used for hydrostatic testing. Upon completion of the hydrostatic testing, the pipeline is drained and dried then put into service with natural gas.

**Clean-Up and Restoration:** Clean-up is the restoration of the ROW and other work areas. In natural areas, clean-up will include restoring disturbed areas (road embankment) to pre-existing conditions and re-seeding of the ROW. Watercourse crossings and wetlands (if disturbed) will be restored and stabilized. Erosion and sediment controls (ESC) installed during construction may be removed if necessary. Clean-up will also include landscaping, and/or laneways and driveway rehabilitation.

### 5.1.2 Operation and Maintenance

Upon completion of the Project, the Project components will be transferred to Enbridge's operations for inclusion in the existing Pipeline Integrity Program. Enbridge has procedures in place to inspect and maintain the pipelines, including continuous monitoring of the network and regular field surveys for leak detection. Enbridge Gas' Pipeline Integrity team has extensive technical, operational, and industry knowledge, and whose members remain current with industry practices. Detailed procedures and programs will be modified to include the new pipelines and to ensure the operation and maintenance activities for the Project comply with applicable provincial and federal legislation, regulations and guidelines.

Pipeline operation consists of monitoring and regulating the gas flowing through or being stored in the pipelines. Valves will serve to shut off and isolate the pipelines for maintenance and security purposes. Above-ground facilities along the pipeline, at the tie in or end point will include stations that will regulate the pressure of the gas in the pipelines.



5.2 SUMMARY TABLE

Table 5.1: Potential Impacts and Recommended Mitigation and Protective Measures

Environmental Feature(s)	Potential Impact(s)	Mitigation and Protective Measures	Net Impacts
<b>PHYSICAL FEATURES</b>			
Bedrock Geology and Drift Thickness <i>Section 3.3.1</i>	The planned excavation depth for the Project is approximately 1.2 m below grade with the potential to exceed this depth for watercourse, road crossings and other sensitive features. Based on the depth of the excavations and the average depth to bedrock being 9.7 m BGS across the Study Area (according to MECP WWR's), bedrock is not likely to be encountered.  However, should bedrock be encountered during HDD, there is a potential to encounter cobbles and boulders in the overburden soils along the entire alignment.	<ul style="list-style-type: none"> <li>If HDD is used, pressure relief pits can be considered for implementation in the design on either side of water crossings to dissipate high fluid pressures that may develop during drilling.</li> <li>Potential presence of weathered zones, soil seams and/or shale interbeds within the bedrock should be considered in the design to address impacts to bedrock.</li> <li>The over-drill typically used for HDD installation should be sufficient to address any rock squeeze that may occur.</li> <li>The HDD crossings will be designed and approved by a professional engineer and carried out by a specialty crew. The installation procedures must conform to all relevant Ontario Provincial Standard Specifications.</li> </ul> <p>Other mitigation measures specifically related to Open Cut and HDD are outlined under the row Section 3.4.1 'Aquatic Resources'.</p>	With the implementation of the mitigation and protective measures, no significant adverse residual impacts as a result of bedrock removal are anticipated.
Physiography and Surficial Geology <i>Section 3.3.2</i>	Due to the undulating topography and presence of coarser textured soils, there are potential erosion impacts to surficial deposits that may result in surface soil erosion and/or watercourse sedimentation during construction.	<ul style="list-style-type: none"> <li>Slope stabilization and erosion controls for slopes should be installed, particularly in those areas proximal to watercourses, wetlands, or other drainage features. In addition to mitigation measures outlined in Enbridge Construction and Maintenance Manual (October 27, 2021) standard ESC measures are discussed below, in row Section 3.3.5 'Soil and Soil Capability', and erosion and sediment controls specific to protecting watercourses, wetlands, etc. from sedimentation resulting from rainfall events during construction are discussed in row Section 3.4.1 'Aquatic Resources'.</li> <li>Surface soil erosion can occur in the absence of vegetative cover. Where there is potential for soil erosion, the need for and location of ESC measures should be determined by an inspector with appropriate qualifications and installed prior to the commencement of work in the area.</li> <li>When land is exposed, the exposure should be kept to the shortest practical period. Natural features should be preserved to the extent practical. Temporary vegetation and mulching should be used to protect areas as appropriate. Where required, natural vegetation should be re-established as soon as practical.</li> <li>The contractor must obtain adequate quantities of materials to control erosion. Additional supplies should be maintained in a readily accessible location for maintenance and contingency purposes. ESC structures should be monitored to maintain their effectiveness throughout the life of construction and post-construction rehabilitation.</li> <li>Even with ESC measures, extreme precipitation events could result in collapse of silt fencing, overflow or bypass of barriers, and other situations which could lead to erosion. When site conditions permit, permanent protection measures should be installed on erosion susceptible surfaces. If the erosion is resulting from a construction-related activity, the activity should be halted immediately until the situation is rectified.</li> <li>Permits obtained under O. Reg. 167/06 from ORCA may contain conditions pertaining to ESC.</li> </ul>	With the implementation of the mitigation and protective measures, no significant adverse residual impacts are anticipated.
Groundwater <i>Section 3.3.3</i>	<u>Hydrostatic Testing and Dewatering</u>  The pipeline may be hydrostatically tested before commissioning. Select sections of pipe may also be pre-tested. Water required for the testing may be obtained from a municipal or natural source. Before withdrawal of water from a municipal source, the Township of Selwyn will be contacted to confirm the maximum rate of withdrawal.  Where trenches encounter shallow groundwater conditions or following a large precipitation event, removing water from the trench (known as dewatering) may be necessary. During trench dewatering, discharge water will be released to the environment. An uncontrolled discharge of water could cause downstream flooding, erosion, sedimentation, or contamination. Other potential effects of uncontrolled discharge may include introduction of hazardous materials or pollutants to soils or bodies of water.	<u>Hydrostatic Testing and Dewatering</u> <ul style="list-style-type: none"> <li>For groundwater dewatering, the MECP allows registration under the EASR for construction dewatering projects where groundwater takings will be greater than 50,000 L/day and less than 400,000 L/day; however, should groundwater takings exceed 400,000 L/day, a PTTW may be required from the MECP.</li> <li>If surface water is used as the source water for the hydrostatic test, a PTTW application would be required and would include an assessment of the capacity of the source to provide the required water without impacting the ecosystem, and recommendations for mitigation measures such as screened water intakes to limit intake of debris and organisms and energy dissipation/erosion control measures during discharge to limit erosion and sedimentation. For water takings from a natural water source, an assessment of the capacity of the source to provide the required water, without impacting the ecosystem, should be conducted.</li> <li>To reduce the potential for erosion and scouring at discharge locations during construction dewatering and/or hydrostatic testing, energy dissipation techniques should be used. Discharge piping should be free of leaks and should be properly anchored to prevent bouncing or snaking during surging. Protective measures may include dewatering at low velocities, dissipating water energy by discharging into a filter bag or diffuser and utilizing protective riprap or equivalent. If energy dissipation measures are found to be inadequate, the rate of dewatering should be reduced or dewatering discontinued until satisfactory mitigation measures are in place. Discharge should be monitored to make sure that no erosion or flooding occurs.</li> <li>To assess the potential for introduction of contaminated water to soils or bodies of water, testing of hydrostatic and trench dewatering discharge water should be considered. Testing requirements can be influenced by the nature and quality of the source water used, any additives to the test water, the nature of the pipeline, and pipeline contents. An environmental consultant should be consulted to determine what testing is necessary for the discharge water.</li> </ul>	With the implementation of the mitigation and protective measures, no significant adverse residual impacts on groundwater are anticipated.



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**Table 5.1: Potential Impacts and Recommended Mitigation and Protective Measures**

Environmental Feature(s)	Potential Impact(s)	Mitigation and Protective Measures	Net Impacts
	<p><u>Private Water Wells</u>                      In the Study Area, most, if not all, of residence rely on private wells for domestic water supply uses. There are approximately 316 water wells in the Study Area, 255 of which are designed as domestic supply. Depending on the proximity to wells, the depth of the well installation and the groundwater levels encountered during excavation, trench dewatering may impact water well quality or quantity at some of the overburden supply wells.</p> <p><u>Municipal Water Supply</u>                      Mapping by the Trent Conservation Coalition Source Protection Region (2014) identified one HVA, with a vulnerability score of 6 along the central and eastern section of the PR.                      A SGRA will also be traversed in the middle of the PR with a vulnerability score of 4 and 6 (Trent Conservation Coalition 2014).                      The IPZ-3 for Lakefield is located within the Study Area and includes a vulnerable score of 5.</p>	<ul style="list-style-type: none"> <li>Before the withdrawal of water from a municipal source, the municipality should be contacted to confirm the maximum rate of withdrawal. An MECP approved licensed waste hauler may be utilized for disposal of hydrostatic test water.</li> </ul> <p><u>Private Water Wells</u></p> <ul style="list-style-type: none"> <li>Given the dependence on private water wells for domestic water supply, a private well survey should be conducted to assess domestic groundwater use near the Project and a private well monitoring program may be recommended for residents who rely on overburden groundwater supply for domestic use. This monitoring program may include pre—construction water quality monitoring as well as water level monitoring, if available. Should a private water well be affected by Project construction, a potable water supply should be provided, and the water well should be repaired or restored as required.</li> </ul> <p><u>Municipal Water Supply</u></p> <p>During construction, the primary concern to surface water quality is the potential for a contaminant spill during a large storm event. To address this concern, the following mitigation measures are proposed:</p> <ul style="list-style-type: none"> <li>Refueling of equipment should be undertaken 100 m from wetlands and watercourses to reduce potential impacts to surface water and groundwater quality if an accidental spill occurs. If a 100 m refueling distance is not possible, under approval from on-site environmental personnel, special refueling procedures for sensitive areas should be undertaken that include, at a minimum, using a two-person refueling system with one worker at each end of the hose. Spill containment devices and absorbent material shall be on hand and readily available.</li> <li>To reduce the impact of potential contaminant spills, the contractor should implement spill management protocols such as secondary containment of any temporary fuel storage and preparation of a spill response plan.</li> <li>Work should be limited or stopped during and immediately following significant precipitation events (i.e., 100-year storm event), at the discretion of on-site environmental personnel.</li> <li>Bulk fuel trucks, service vehicles and pick-up trucks equipped with box mounted fuel tanks shall carry spill prevention, containment and clean up materials that are suitable for the volume of fuels or oils carried. Spill contingency material carried on bulk fuel and service vehicles shall be suitable for use on land and water.</li> <li>Employ the following measures to reduce the risk of fuel spills:                             <ul style="list-style-type: none"> <li>all containers, hoses, nozzles are free of leaks;</li> <li>all fuel nozzles are equipped with automatic shut-offs; and</li> <li>always have operators stationed at both ends of the hose during fueling.</li> </ul> </li> <li>Inspect hydraulic, fuel and lubrication systems of equipment so that systems are in good working condition and free of leaks. Equipment to be used in or adjacent to a watercourse or waterbody during emergency response during an HDD will be clean or otherwise free of external grease, oil or other fluids, mud, soil, and vegetation.</li> <li>An impervious tarp shall be in place underneath equipment/vehicles when servicing equipment/vehicles with the potential for accidental spills (e.g., oil changes, servicing of hydraulic systems, etc.) in accordance with regulatory conditions.</li> <li>The contractor shall prepare a Spill Response Plan prior to construction.</li> </ul>	
<p>Aggregates and Petroleum Resources  <i>Section 3.3.4</i></p>	<p>The eastern portion of the pipeline will traverse an area of existing aggregate quarries. The construction of pipelines adjacent to active quarries acts as a constraint to their expansion.</p> <p>As the proposed pipeline is located in existing road allowances, the expansion of the quarry is already limited. Potential impacts to identified aggregate resources are not anticipated.</p>	<ul style="list-style-type: none"> <li>Stantec recommends that Enbridge Gas consult with local quarry owners and operators in the Study Area to better determine if any constraints on development exist.</li> </ul>	<p>Consultation with local quarry operators will occur to reduce the potential for project interactions. Provided no impacts are anticipated, no net impacts will occur.</p>
<p>Soil and Soil Capability  <i>Section 3.3.5</i></p>	<p>The Project will be largely confined to the road allowance where the preferred pipeline will be installed. Though the proposed infrastructure will impact a limited amount of agricultural land, where temporary workspace will be required on lands adjacent to the road allowance there is the potential to impact agricultural soils. Excessive passes with heavy equipment can damage topsoil to the point of greatly diminished productivity. Soil characteristics relating to</p>	<p>In addition to the soil erosion mitigation measures outlined in the Enbridge Construction and Maintenance Manual (October 27, 2021), the following measures are recommended.</p> <ul style="list-style-type: none"> <li>To avoid loss of soil, topsoil from lands directly affected by construction of the pipeline should be stripped. That topsoil should be stripped during dry soil conditions and stockpiled for use during clean-up and rehabilitation. Identification of the topsoil and subsoil interface should be carefully monitored to ensure that all topsoil with limited subsoil is stripped from the ROW. To reduce construction impacts associated with wet climatic conditions, the other components of the construction are recommended to occur during dry soil conditions. If construction cannot be completed during the drier summer months when evapotranspiration is greatest, strict adherence to an Environmental Protection Plan (EPP) is recommended.</li> </ul>	<p>With the implementation of the mitigation and protective measures, no significant adverse residual impacts on soil or soil capability are anticipated.</p>





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**Table 5.1: Potential Impacts and Recommended Mitigation and Protective Measures**

Environmental Feature(s)	Potential Impact(s)	Mitigation and Protective Measures	Net Impacts
	<p>the potential for damage include moisture content, texture, organic matter content.</p> <p>Sandy soils are more resilient, but clay soils can be susceptible to severe rutting and compaction which can greatly reduce agricultural productivity. Construction in wet conditions can increase the susceptibility to compaction damage. Additionally, improper topsoil stripping, topsoil storage and topsoil replacement can result in mixing of topsoil and subsoil that can also reduce soil productivity.</p> <p>During construction, soils with no vegetative cover are more prone to erode. This can result in soil erosion from water and wind. Soil susceptibility to water erosion depends on a number of variables, including intensity and duration of rainfall events, antecedent soil moisture, surface soil cover, slope, soil texture, soil structure and organic matter content. Similarly, the susceptibility of soils to wind erosion depends on wind speed, surface soil cover, soil texture, soil structure and organic matter levels. Water and wind erosion both can result in a significant loss of topsoil.</p> <p>Excess soil may be generated on-site from construction activities that will require off-site management.</p>	<ul style="list-style-type: none"> <li>• As an initial stage of construction, standard ESC measures should be implemented on all active areas. ESC features should be regularly inspected and maintained. Additionally, ESC features should be improved or added to in areas requiring more protection.</li> <li>• In locations prone to erosion, soil stockpiles should be protected with silt fencing. Soil piles should be separated by at least 1 m to avoid mixing topsoil with subsoil. On agricultural lands, subsoil should be stored on lands stripped of topsoil (subsoil on subsoil).</li> <li>• Following periods of excessive rainfall or saturated soil conditions, construction activities on agricultural lands should be suspended. During wet soil conditions heavy tracked and rubber-tired vehicles should be restricted from movement on agricultural soils. Usually, construction may continue from gravel or existing roadside work surfaces during wet soil conditions.</li> <li>• To the extent feasible, construction activities should occur during drier times of the year. Lands affected by heavy rainfall events and wet soil conditions should be monitored, to avoid the potential for topsoil and subsoil mixing. Construction activities should be temporarily halted on lands where excessively wet soil conditions are encountered. Enbridge Gas's on-site inspection team should determine when construction activities may be resumed.</li> <li>• If a situation develops that necessitates construction during wet soil conditions, soil protection measures should be implemented, such as: confining construction activity to the narrowest area practical, installing surface protection measures, and using wide tracked or low ground pressure vehicles.</li> <li>• During construction activities, weather should be monitored to identify the potential onset of high wind conditions which can cause wind erosion. If high winds occur, protective measures such as the following will be implemented: <ul style="list-style-type: none"> <li>– suspend earth moving operations</li> <li>– apply dust suppressants</li> <li>– protect soil stockpiles with a cover, barrier or windscreen.</li> </ul> </li> <li>• In conjunction with the above measures, all required materials and equipment should be readily accessible and available for use as required.</li> <li>• Topsoil stripping on the ROW should be sufficiently wide to ensure that topsoil will be stockpiled on topsoil and subsoil will be stockpiled on subsoil. Inspection staff should ensure separation between topsoil storage piles and subsoil storage piles is maintained to reduce potential for soil mixing. If topsoil is required to be imported it should be from an approved sources to ensure that it is not contaminated (see Section 3.2.6).</li> <li>• Where agricultural land adjacent to the ROW is typically accessed by crossing the ROW alternate access to the fields will be provided for the farm operator for the short period of time during construction that access across the ROW is not possible.</li> <li>• If clean-up is not practical during the construction year, it should be undertaken in the year following construction, starting in May or June once the soils have sufficiently dried. Interim soil protection measures should be undertaken in sensitive areas to stabilize the ROW for over-wintering.</li> </ul>	
<p>Soybean Cyst Nematode <i>Section 3.2.6</i></p>	<p>On agricultural fields, the potential exists for SCN to be spread from an impacted field to a non-impacted field by contaminated machinery, wind, contaminated boots, water erosion, etc. To reduce the risk of spreading SCN to non-impacted fields, mitigation and protective measures have been established. Since the construction will impact very little agricultural soil, the potential for the spread of SCN onto adjacent fields is negligible. Nevertheless, Stantec recommends testing for SCN on all southern Ontario linear corridor projects which impact agricultural soils.</p>	<p>Landowners of agricultural properties should be contacted by an Enbridge Gas lands representative to discuss if the landowner would like to participate in the SCN sampling program. In general, soil sampling for SCN is recommended where construction activity in the TWS is planned on agricultural lands adjacent to the existing municipal road allowance and as requested by the landowner. If SCN sampling is requested, the following mitigation measures should be considered:</p> <ul style="list-style-type: none"> <li>• To the extent feasible restrict construction activity to the non-agricultural pipeline construction area.</li> <li>• All properties impacted with SCN should be recorded and communicated to the Contractor and landowner/farm operator. Stantec will help develop best practices protocol to handle SCN.</li> <li>• If the PR or an adjacent farm field has SCN, advise the farm operator to remove soil from equipment before moving to the area that has not been impacted by SCN. This may involve thorough washing of equipment before moving equipment from an impacted field to non- impacted field.</li> <li>• If topsoil is required to be imported it should be from an approved sources to ensure that it is not contaminated.</li> </ul>	<p>With the implementation of the mitigation and protective measures, no significant adverse residual impacts on soil or soil capability as a result of SCN are anticipated.</p>
<p>Agricultural Tile Drainage <i>Section 3.3.7</i></p>	<p>Construction activities, including trenching and the movement of heavy machinery, have the potential to crush and/or sever agricultural tile drains. During the environmental study, no agricultural tile drains were identified in the Study Area and, therefore, no mitigation and protective measures are warranted.</p>	<p>As no impacts are anticipated, no mitigation or protective measures are recommended.</p>	<p>As no impacts are anticipated, no net impacts will occur.</p>



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Potential Impacts, Mitigation and Protective Measures and Net Impacts  
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**Table 5.1: Potential Impacts and Recommended Mitigation and Protective Measures**

Environmental Feature(s)	Potential Impact(s)	Mitigation and Protective Measures	Net Impacts
Regulated Area and Natural Hazards <i>Section 3.3.8</i>	<p>The probability of significant seismic activity in the Study Area is low; therefore, no potential impacts are anticipated.</p> <p>The likelihood of a flooding event interfering with Project construction is reduced by construction occurring outside of the spring freshet, crossing flood prone and regulated areas by HDD and setting back the entrance and exit pits outside of the floodplain. A flooding event during construction could result in construction delays, soil erosion, sedimentation of a watercourse, trench slumping, and damage or loss of construction equipment and contamination of a watercourse as a result of equipment entering a watercourse. The nature of these impacts would depend on the spatial extent, duration, and magnitude of the flooding event.</p>	<ul style="list-style-type: none"> <li>• If flooding necessitates a change in the construction schedule, affected landowners and regulatory agencies should be notified and construction should continue at non-affected locations.</li> <li>• Temporary workspaces should be located above the floodplain to the extent practical, unless necessary for watercourse crossings.</li> <li>• All work in the floodplain will be subject to a permit under O. Reg. 167/06 from ORCA.</li> </ul>	With the implementation of the mitigation and protective measures and on-going consultation/permitting with ORCA occurs, no significant adverse residual impacts from natural hazards are anticipated.
<b>BIOPHYSICAL FEATURES</b>			
Aquatic Resources <i>Section 3.4.1</i>	<p>Watercourse crossings are proposed to be completed by HDD; however, there exists the potential to affect fish directly through impacts on water quality (erosion, sedimentation, and accidental spills), disruption and harassment (vibration and noise), and loss of habitat. Indirect impacts include restrictions to habitat use and fish passage. Long-term impacts can include changes to habitat such as substrate, increased erosion potential, loss of in-stream cover and riparian shading.</p> <p>If trenched crossings are required at locations that support direct fish habitat, potential impacts could include restrictions to habitat use and fish passage, changes to habitat such as altered substrate composition, increased erosion potential, loss of in-stream cover and loss of riparian shading. Excessive sediment introduced into a watercourse can adversely impact fish through clogging of fish gills and promoting avoidance behavior and can impact habitat through sedimentation of spawning beds and alteration of habitat structure. There is a potential for trenched crossings to require DFO review and / or permitting, depending on the results of applying DFO's assessment criteria to determine if a project needs a review. Criteria are outlined at <a href="https://www.dfo-mpo.gc.ca/pnw-ppp/reviews-revues/request-review-demande-d-examen-003-eng.html">https://www.dfo-mpo.gc.ca/pnw-ppp/reviews-revues/request-review-demande-d-examen-003-eng.html</a>.</p>	<p>The two watercourses along the PR that are regulated by ORCA will be crossed using the HDD method. Some of the following general measures may not be applicable to HDD crossing methods but are included in the event a trenched crossing is required. Additionally, activity-specific measures related to the crossing methods are provided following the general mitigation measures. All measures presented are intended to be consistent with DFO's Measures to Protect Fish and Fish Habitat (DFO 2019), which should be consulted immediately prior to construction to reconfirm that the construction plan is consistent with the most up-to-date list of DFO avoidance measures.</p> <p><b>General Mitigation Measures</b></p> <ul style="list-style-type: none"> <li>• ESC measures (i.e., sediment fence or Silt Sox<sup>TM</sup>) must be established around entrance and exits pits for construction within 100 m of ORCA regulated areas.</li> <li>• No fording of watercourses should occur.</li> <li>• Limits of the temporary workspace should be clearly marked to reduce the potential for encroachment into adjacent wetlands and watercourses and avoid unnecessary encroachment.</li> <li>• In-water work for warmwater habitats is typically permitted from July 15 to March 15 (no work from March 16 to July 14) (NDMNRF, 2013).</li> <li>• Watercourses should not be obstructed in a way that impedes the free movement of water and fish.</li> <li>• Prior to removal of the vegetation cover, effective ESC measures should be in place to protect water quality. Disturbance to the area during construction should be limited and grubbing activities should be delayed until immediately prior to grading operations.</li> <li>• Soil exposure should be reduced prior to commencing construction, and the period that soil remains exposed for grading should be limited.</li> <li>• Temporary ESC measures should be maintained and kept in place until work within or near a watercourse has been completed and stabilized.</li> <li>• Temporary sediment control measures should be removed at the completion of the work but not until permanent erosion control measures have been established.</li> <li>• Additional supplies should be maintained on-site, in a readily accessible location, for maintenance and contingency purposes. Prior to construction, adequate quantities of the materials listed below, or comparable substitutions, should be on site to control erosion and sediment deposition:                         <ul style="list-style-type: none"> <li>– Spill kit</li> <li>– Sediment control fencing</li> <li>– Sediment control logs (i.e., SiltSox<sup>TM</sup>)</li> <li>– Straw bales</li> <li>– Wooden stakes</li> <li>– Sand bags</li> <li>– Water energy dissipater</li> <li>– Filter cloth</li> <li>– Water pumps (including stand-by pumps, sufficient lengths of hose and fish cages)</li> </ul> </li> </ul>	With the implementation of the HDD construction method and the aforementioned mitigation and protective measures, no adverse residual impacts on aquatic features are anticipated.



**Table 5.1: Potential Impacts and Recommended Mitigation and Protective Measures**

Environmental Feature(s)	Potential Impact(s)	Mitigation and Protective Measures	Net Impacts
		<ul style="list-style-type: none"> <li>• Construction material, excess material, construction debris and empty containers should be stored a minimum of 30 m from watercourses and watercourse banks, where feasible.</li> <li>• Refueling of equipment should be undertaken 100 m from wetland areas and watercourses identified during field surveys to reduce potential impacts to surface water in the event that an accidental spill occurs. If a 100 m refueling distance is not possible, under approval from on-site environmental personnel and if approved by permit conditions, special refueling procedures for sensitive areas should be undertaken that include, at a minimum, using a two-person refueling system with one worker at each end of the hose and secondary containment, as needed.</li> <li>• Deleterious substances (fuel, oil, spoil) should be stored &gt;100 m from a watercourse or wetland. Any such material that inadvertently enters a watercourse should be removed in a manner satisfactory to the environmental inspector. If a 100 m distance is not possible, conditions noted under relevant permits should be followed so that a minimum required distance is implemented.</li> <li>• In the unlikely event of a spill, spills containment and clean-up procedures should be implemented immediately. Enbridge Gas will contact the MECSP Spills Action Centre, local and/or regional municipality and/or local Conservation Authority (if required). The MECSP Spills Action Centre is the first point of contact for spills at the provincial and federal level.</li> <li>• Exposed soils surrounding watercourses should be seeded immediately following construction.</li> <li>• Conditions of water crossing permit(s) from ORCA, if applicable, are to be adhered to.</li> </ul> <p><b><u>Horizontal Directional Drill Mitigation Measures</u></b></p> <p>HDD construction methods for pipeline water crossings will not require DFO review or Authorization under the <i>Fisheries Act</i> provided measures to avoid causing a harmful alteration, disruption or destruction of fish habitat are followed during construction. These measures include locating drill entry and exit points at sufficient distance to avoid disturbance to the bed and banks, locating the drill path at an appropriate depth below the channel and installation of appropriate sediment and erosion control measures (i.e., silt fencing around disturbed areas, development of a contingency plan, etc.). If these measures are followed, a project of this nature is low risk to fish and can proceed without DFO review.</p> <p>Mitigation measures as they relate to employing the HDD method can include:</p> <ul style="list-style-type: none"> <li>• Standard ESC measures should be implemented around drill and pipe staging areas.</li> <li>• Drilling equipment should be set up a minimum of 30 m from the edge of watercourses and wetlands, if possible.</li> <li>• Clearing of vegetation or grading of watercourse banks should not occur within 30 m from the edge of watercourses, if possible.</li> <li>• A drilling mud release contingency plan should be prepared and kept on-site.</li> <li>• Bentonite-based drilling mud should be used without the use of additives (except with approval from appropriate regulatory authorities).</li> <li>• Suitable drilling mud tanks or sumps should be installed to prevent contamination of watercourses.</li> <li>• The excavation of relief pits may be required to prevent a drilling mud release into sensitive features. Relief pits should be set back 10 m from sensitive features where possible and be contained using appropriate ESC measures (i.e., wire-backed sediment fence).</li> <li>• Berms or check dams should be installed downslope from drill entry and anticipated exit points to contain the release of any drilling mud.</li> <li>• Drilling mud should be disposed in accordance with the appropriate regulatory authority requirements.</li> </ul> <p><b><u>Bore Path Collapse Mitigation Measures</u></b></p> <p>The following mitigation measures should be applied to prevent HDD borehole collapse from occurring in susceptible soils:</p> <ul style="list-style-type: none"> <li>• Fluid volumes, annular pressure and cutting returns should be strictly monitored to ensure bore hole plugging and fluid losses are detected and addressed immediately.</li> <li>• If challenging soil materials are anticipated, alternative drill paths should be evaluated to limit exposure to these types of materials.</li> <li>• Drilling mud should be maintained in the borehole until the pipeline is installed. This can be facilitated by positioning the entry and exit points in areas with cohesion-less soils (e.g., silt-sand zones).</li> </ul> <p><b><u>Drilling Mud Release (Inadvertent Returns) Mitigation Measures</u></b></p> <p>The following mitigation measures should be employed to reduce the risk of lost drilling mud circulation:</p> <ul style="list-style-type: none"> <li>• Install appropriate berms, silt fencing and secondary containment measures (i.e., plastic tarp) around drilling and drilling mud management equipment at both bore entry and bore exit locations to contain operational spills.</li> <li>• Clean up operational releases daily to prevent mobilization of drilling mud off site during rain events.</li> <li>• Design the directional drill so that drilling slurry pressure is reduced and the drilling rate is lowered in porous materials to reduce the chance of loss of circulation of the drilling slurry.</li> <li>• Maintain smooth operation of the drilling string and slurry pumping systems to avoid pressure surges.</li> <li>• Reduce slurry viscosity through appropriate filtering of drilled material to reduce the pressure gradient along the drill path due to frictional effects.</li> <li>• Continually monitor slurry volumes to enable a quick response to any indications of lost circulation.</li> <li>• Immediately contain any drilling mud that escapes onto land and transfer it into an on-site containment system.</li> </ul>	



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Environmental Feature(s)	Potential Impact(s)	Mitigation and Protective Measures	Net Impacts
		<ul style="list-style-type: none"> <li>• In addition to the items mentioned in the General Mitigation Measures above, the following materials should be on hand during drilling operations and prepared to employ them in the event of a drilling mud spill or inadvertent return:                             <ul style="list-style-type: none"> <li>– sandbags</li> <li>– hydrovac truck</li> <li>– T-bar posts and post pounders</li> <li>– 5 gallon pails</li> <li>– Squeegees</li> <li>– Shovels</li> <li>– Polyethylene sheeting</li> <li>– Culvert</li> </ul> </li> </ul> <p><b><u>Trenched Crossing Mitigation Measures</u></b>                      The contingency method for HDD crossings is a trenched crossing. Should in-water work be required, consultation and permit revisions with ORCA and/or DFO may be required. In-water work would only be permissible as permitted. If in-water works are required, the following measures are applicable to trenched crossings.</p> <p><b><u>Flow Diversion/Dewatering</u></b>                      If in-water works are required, the work area will be isolated from the remainder of the surface water feature. Downstream flows will be maintained using dam and pump or dam and flume techniques. When dewatering the work area, dewatering operations will be managed to prevent erosion and/or release of sediment laden or contaminated water to the waterbody (e.g., settling basin, filter bag, energy dispersion measures). An isolation/containment plan will be designed and implemented to isolate temporary in-water work zones and maintain flow around the work zone. Maintenance of downstream flow will avoid potential upstream flooding and desiccation of downstream aquatic habitat and organisms. To further reduce the potential for flooding during construction, the weather forecast will be monitored prior to the start of construction to ensure that in-water works occur during a dry period.</p> <p><b><u>Fish Rescue Plan</u></b>                      Prior to dewatering the work zone, fish trapped in the construction area will be collected and moved using capture, handling, and release techniques to reduce harm and stress. Fish rescue plans will be developed on a site-specific basis and implemented by qualified professionals with the appropriate permitting in place (i.e., a License to Collect Fish for Scientific Purposes).</p> <p><b><u>Site Restoration and Riparian Planting</u></b>                      Following construction, the bed and banks of the crossing locations will be restored to pre-construction conditions to the extent possible in accordance with environmental permits. Exposed banks will be re-vegetated with native plants to provide riparian cover and aid in erosion and sediment control. Stream beds will be restored to maintain slopes and tie in with existing grades. Bed material will be replaced to match pre-construction conditions.</p> <p><b><u>Permitting</u></b>                      The <i>Fisheries Act</i> prohibits causing the death of fish and the HADD of fish habitat, unless authorized by DFO. Conditions and circumstances for projects to be exempt from review are listed on DFO's Fish and Fish Habitat Protection Program web pages (accessible at: <a href="https://www.dfo-mpo.gc.ca/pnw-ppp/ffhfp-ppph-eng.html">https://www.dfo-mpo.gc.ca/pnw-ppp/ffhfp-ppph-eng.html</a>). Following guidance and criteria provided on DFO's website regarding mitigation, waterbody types and codes of practice, proponents determine whether their projects in or near water will require review by DFO. DFO review is requested through the submittal of a 'Request for Review' (RfR) form. Following completion of their review, DFO can proceed in two ways: 1) Issue a Letter of Advice indicating work complies with the <i>Fisheries Act</i> or, 2) Refer the project to the Regulatory Review Unit for site specific review. If the project can avoid impacts to fish and fish habitat, project approval is not required. If impacts that cause a HADD cannot be avoided, proponents must apply for a <i>Fisheries Act</i> Authorization, and may be required to develop a habitat offsetting or compensation plan.</p> <p>The proposed pipeline will be located in the regulated boundary of ORCA. Permits under O.Reg. 167/06 will be required prior to construction activities in the regulated boundaries.</p>	



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Environmental Feature(s)	Potential Impact(s)	Mitigation and Protective Measures	Net Impacts
<p>Forest and Vegetation Cover                      Section 3.4.2</p>	<p>Vegetative cover in the road allowance generally consists of common, hardy plant species that are adaptable to disturbed environments. The Study Area is dominated by agricultural forage crops, some wooded areas, rural residential properties, mature hedgerows, and wetlands.</p> <p>Without appropriate mitigation measures, construction activities can adversely impact trees and other vegetation through soil compaction, removal of topsoil and equipment encroachment, causing irreversible damage to roots or trunks and destroying the structural integrity of vegetation or soils. Any filling, excavation, grading or trenching (if required) in the root area of a tree has the potential to cause irreversible damage.</p> <p>Where there is natural vegetation within or adjacent to the Project components, potential impacts include the removal of native vegetation, introduction or spread of invasive species, and indirect effects such as dust, erosion, and accidental spills.</p>	<p>The following mitigation measures, or equivalent, should be implemented to reduce impacts on designated natural areas and vegetation cover:</p> <ul style="list-style-type: none"> <li>• Tree clearing should be scheduled to occur outside of the breeding bird window (i.e. not occur between April 1 and August 31) to comply with the MBCA and the active season for bats (April 1 to October 1).. Where limited tree clearing is required during this window, a breeding bird survey can be completed to identify evidence of nesting and areas to be avoided. Refer to row Section 3.4.3 'Wildlife, Wildlife Habitat and Species' for associated wildlife mitigation measures.</li> <li>• Construction traffic should be restricted to the existing road allowance where possible to avoid potential compression damage to the root zones of trees located adjacent to the road allowance.</li> <li>• Limits of the temporary workspace should be clearly marked to reduce encroachment into adjacent wooded areas and avoid unnecessary tree removal. Erosion-prone areas of the road allowance should be revegetated with suitable protective cover during and post-construction.</li> <li>• Clearing should be reduced to the extent possible in sensitive areas such as woodlands and wetlands.</li> <li>• Clearing should be done during dry soil conditions to the extent practical to limit disturbance to vegetation and terrain.</li> <li>• Construction traffic should be restricted to the existing road allowance where possible to avoid potential compression damage to the root zones of trees located adjacent to the road allowance.</li> <li>• Native topsoil should be preserved through topsoil salvage and separation (see row Section 3.3.5 'Soil and Soil Capability').</li> <li>• High-traffic or erosion-prone areas of the road allowance should be revegetated with suitable protective cover during and post-construction.</li> <li>• Should significant <i>Phragmites australis</i> stands be identified during field investigations, a <i>Phragmites australis</i> management plan should be developed.</li> <li>• A re-vegetation program should be developed and implemented for all vegetated temporary work areas. Enbridge Gas should consult with landowners and ORCA to confirm replanting plans.</li> <li>• Seeding of the disturbed temporary work areas and the permanent easement should be done with a native seed mix approved by ORCA. Replaced soils should contain native seed bank, facilitating successful revegetation.</li> <li>• Reclamation in residential/commercial land areas traversed by the road allowance should involve seeding (or sodding) the disturbed areas and replacement of ornamental trees and shrubs.</li> <li>• One year following construction, planted vegetation should be inspected for survival; in areas of severe dieback, dead and diseased planted vegetation should be replaced.</li> <li>• The following criteria are recommended to be taken into consideration when selecting a seed mix for use in natural vegetation areas:                             <ul style="list-style-type: none"> <li>– Site specific conditions such as climate, soil types and terrain should be considered.</li> <li>– Only local native species should be included.</li> <li>– A fast-growing seed mixture requiring little or no maintenance should be selected.</li> <li>– Seed mixture should be consistent with the land use of the area.</li> <li>– If there is no suitable local native seed mix available but seeding is deemed desirable to promote rapid revegetation of an area, a non-invasive annual nurse crop such as annual ryegrass should be used instead.</li> <li>– Purchased seed should be certified free of weeds.</li> </ul> </li> <li>• Implement recommendations based on consultation with ORCA and landowner preferences, where feasible.</li> </ul> <p><b><u>Invasive Species</u></b></p> <ul style="list-style-type: none"> <li>• To prevent the spread of invasive species, equipment shall be inspected and cleaned of soils and plants prior to leaving the depot, moving within, or leaving any work site to prevent the spread of invasive species.</li> <li>• Cleaning equipment of soils and plants must involve the following (whether cleaning at a depot or on a work site):                             <ul style="list-style-type: none"> <li>– When possible, clean equipment on nearby hard surfaces such as gravel, concrete, or asphalt.</li> <li>– Choose an area with a gentle slope to direct water and material away from the equipment.</li> <li>– Do not clean equipment within 30 m of a watercourse, storm sewer, or other drains.</li> <li>– Use shovels, compressed air, pressure washers, etc. to remove dirt, debris, and plants.</li> <li>– Ensure you clean hard-to-reach places including the underside of a vehicle, mud flaps, bumpers, and foot wells.</li> <li>– Clean inside a vehicle by sweeping or using compressed air.</li> </ul> </li> </ul>	<p>With the implementation of the mitigation and protective measures, no significant adverse residual impacts on designated natural areas and vegetation are anticipated.</p>



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Environmental Feature(s)	Potential Impact(s)	Mitigation and Protective Measures	Net Impacts
<p>Wetlands  <i>Section 3.4.3</i></p>	<p>The potential impacts on wetlands during construction include accidental contaminant release, sedimentation and turbidity from surface runoff, introduction of invasive species and temporary lowering of the water table during trench dewatering. Clean-up and restoration activities to contain or remove contaminant and sediment releases can cause more damage to sensitive wetland ecology than the initial impact of the release. Therefore, it is important to institute appropriate mitigation measures to reduce interactions with adjacent wetlands.</p> <p>As construction is planned within the previously disturbed road allowance, no adverse interactions are expected to occur with wetlands along the PR. However, to protect these features, construction activities undertaken in proximity should include the following mitigation measures.</p>	<p>Wetlands encroaching the road ROW may be crossed by HDD. Mitigation measures for HDD are discussed in the row Section 3.4.1 'Aquatic Resources'. In addition to these mitigation measures, the following are recommended to be employed:</p> <ul style="list-style-type: none"> <li>• A screening field program of wetlands and riparian areas should be undertaken prior to construction, to determine where precautionary measures (ex. equipment washing before site access) may be necessary to mitigate for the spread of non-native species.</li> <li>• Work within a wetland, including the potential location of the pipeline, may require permitting discussions with the ORCA under O. Reg. 167/06.</li> <li>• Construction material, excess material, construction debris and empty containers should be stored away from adjacent wetlands.</li> <li>• Temporary workspace width should be reduced when working within 30 m of wetlands, where practical.</li> <li>• Staging areas should be located at least 30 m away from the edge of wetlands.</li> <li>• Equipment should be free and clear of debris prior to moving between locations to prevent the spread of non-native species through the use of pneumatic devices, equipment washing, washing stations, etc. Construction dewatering should be discharged to sediment removal basins if discharge to a well-vegetated dry area is not feasible. The sediment removal basin should be located to maximize the distance to the nearest surface water feature and reduce the slope of the surrounding buffer area. The basin should consist of a temporary enclosure constructed with hay bales, silt fence or both.</li> <li>• All activities, including equipment maintenance and refueling, should be controlled to prevent entry of petroleum products or other deleterious substances, including any debris, waste, rubble or concrete material, into a wetland, unless otherwise specified in the contract.</li> <li>• Implement habitat protection measures for Blanding's Turtles, discussed in row Section 3.4.4 'Wildlife, Wildlife Habitat and Species at Risk'.</li> <li>• Recommended erosion control measures specific to wetlands should include the following:                         <ul style="list-style-type: none"> <li>– surface runoff should be directed as overland flow with sufficient drainage structures to dissipate hydraulic energy</li> <li>– soil transport should be prevented by diversion of site runoff through shallow vegetated channels, placement of straw bales or sediment control fencing</li> <li>– sediment barriers should be installed along the edge of the road allowance to contain spoil within the road allowance, where required</li> <li>– natural drainage spacing should be provided around spoil piles</li> <li>– topsoil and subsurface soil should be stockpiled in separate piles with adequate spacing between the piles</li> <li>– temporary erosion/silt control structures (i.e., straw bales, sediment fencing should be used down gradient of spoil stockpiles, as necessary</li> <li>– temporary sediment barriers should be maintained until soils have been stabilized</li> <li>– vegetation clearing should not be conducted within 30 m of a wetland unless required for site construction activity (i.e., within the road allowance)</li> <li>– if vegetation regeneration is unlikely immediately following construction (i.e., outside the growing season), all slopes adjacent to wetlands should be stabilized using geogrids or weed-free mulch for a minimum of 30 m from the wetland</li> <li>– erosion control measures in both active and non-active construction areas should be regularly inspected until the site has been adequately stabilized to prevent erosion.</li> </ul> </li> </ul>	<p>With the implementation of HDD construction and the mitigation and protective measures, no significant adverse residual impacts on wetlands are anticipated.</p>
<p>Wildlife Habitat, Wildlife, and Species at Risk  <i>Section 3.4.3</i></p>	<p>New pipeline construction impacts on wildlife populations are associated with vibration and compaction of the shoulder as well as direct mortality from animal-vehicle collisions as a result of increased construction traffic, temporary avoidance behavior due to the presence of humans and equipment and direct loss of habitat (e.g., destruction of nests or alteration of nesting habitat). No new lands or natural areas are anticipated to be assumed for this Project. Because the Project will be working within a road allowance, mitigation will be primarily targeted at SOCC and ESA 2007 protected species that are known to occur in the area such as turtles, bats, and birds. The preferred habitat for SOCC and ESA 2007 protected species is generally not present in the road allowance; however, mitigation measures are detailed below with regulatory requirements (if any) for species at risk to be determined by the MECP.</p>	<p>SOCC and ESA 2007 Protected Species</p> <ul style="list-style-type: none"> <li>• Prior to all activities, a worker awareness program should be implemented that includes species at risk identification and habitat or nesting characteristics as well as reporting protocols. species at risk sightings should be reported immediately to the Environmental Inspector followed by MECP or ECCC, as required.</li> <li>• On-site construction personnel should be informed of the potential presence of the species at risk and/or SOCC identified in the Study Area, obligations under the ESA (Government of Ontario 2007), and recommended actions in the event of an encounter.</li> <li>• Locations of habitats of endangered, threatened, special concern, rare species and SWH along the PR will be confirmed during supporting surveys in spring/summer 2022. Additional mitigation measures should be developed as appropriate.</li> <li>• Detailed design of the preferred pipeline location within the road allowance will be reviewed after field surveys in spring/summer 2022 are completed to avoid and reduce the likelihood of impact upon wildlife habitat to the extent possible, and in particular, habitats of endangered, threatened, special concern, rare species and SWH.</li> <li>• Trench operations should be followed as closely as practical with backfill operations, to facilitate the movement of wildlife across the trench.</li> <li>• Gaps in stockpiles should be created, in consultation with a biologist, to allow for the potential movement of wildlife across the ROW.</li> <li>• Fencing should be erected around deep excavations to prevent wildlife entrapment.</li> <li>• Equipment and vehicles should yield to wildlife.</li> <li>• The contractor should inform their personnel to not threaten, harass or injure wildlife.</li> <li>• If wildlife is encountered during construction, personnel are required to move away from the animal and wait for the animal to move off the construction site.</li> <li>• ESA 2007 protected species cannot be handled unless authorized by MECP and NDMNRF.</li> </ul>	<p>With the implementation of the mitigation and protective measures, no significant adverse residual impacts on wildlife habitat, wildlife, species at risk or SWH are anticipated.</p>



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Potential Impacts, Mitigation and Protective Measures and Net Impacts  
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**Table 5.1: Potential Impacts and Recommended Mitigation and Protective Measures**

Environmental Feature(s)	Potential Impact(s)	Mitigation and Protective Measures	Net Impacts
		<ul style="list-style-type: none"> <li>• A Wildlife Scientific Collector’s Permit (NDMNRF authorization) will be required to handle wildlife.</li> <li>• If species at risk are found in the Study Area, Enbridge Gas will undertake consultation with the MECP to identify species specific mitigation and/or permitting requirements under the ESA.</li> <li>• Any species at risk individual that is incidentally encountered in the Study Area must be allowed to leave of its own accord.</li> <li>• Should on-site personnel be unable to allow an incidentally encountered species at risk individual to disperse from the active construction area under its own ability, measures developed in consultation with MECP will be implemented.</li> <li>• SAR individuals that are encountered in the work zone should be reported to the MECP staff in 48 hours of the observation or the next working day, whichever comes first.</li> <li>• If an injured or deceased species at risk is found, the specimen must be placed in a non-airtight container that is maintained at an appropriate temperature and MECP must be contacted immediately for additional guidance.</li> </ul> <p><b><u>Amphibians</u></b></p> <ul style="list-style-type: none"> <li>• Where practical, avoid construction in the vicinity of areas that may provide habitat for amphibians during the amphibian breeding season (March 1 – June 30). Amphibian habitat will be identified during 2022 field investigations.</li> </ul> <p><b><u>Bats</u></b></p> <ul style="list-style-type: none"> <li>• Areas of potential bat maternity roosting habitat will be identified during 2022 field investigations. Tree removal in identified areas should be limited to the extent possible and will avoid the active season for bats (April 1 to October 1).</li> <li>• If tree removal is required, mitigation recommendations for species at risk bats will be prepared upon consultation with MECP.</li> </ul> <p><b><u>Birds</u></b></p> <ul style="list-style-type: none"> <li>• Construction activities with the potential to remove migratory bird habitat, such as vegetation clearing, should be avoided during the breeding season which is generally from April 1- August 31 in southern Ontario (Environment Canada 2020). Should vegetation clearing activities be unavoidable during this window, a mitigation program should be developed, which includes measures to reduce and avoid impacts to migratory birds and their nests. This program should include preventative and mitigation measures but may also include avoidance of clearing during key sensitive periods and in key locations.</li> <li>• Bobolink and Eastern Meadowlark are expected to occur within meadows, pastures, and hayfields that may overlap with the Project location. Avoidance of work within these areas between May 1 and August 31 are recommended to avoid impacts to these species. Otherwise, consultation with MECP is recommended.</li> <li>• If clearing is to be completed during the bird nesting season, nest sweeps should be completed no later than seven days prior to clearing activities.</li> </ul> <p><b><u>Turtles</u></b></p> <ul style="list-style-type: none"> <li>• Shallow marshes, ponds or watercourses identified within the Study Area may have the potential to provide habitat for Blanding’s Turtle or other turtle SOCC. Regulatory requirements for Blanding’s Turtle are at the discretion of the MECP, with recommended mitigation measures outlined below.</li> <li>• Implement ESC measures as outlined in this table to protect turtle habitat (wetlands).</li> <li>• Exclusion fencing (e.g., silt fence) should be erected on both sides of the road prior to activities occurring during the active season (e.g., April 1 – September 30) in areas identified as having turtles (30 m for SOCC species, 250 m for Blanding’s turtle) or as being high potential, such as stream/river crossings, lake shores, ponds, wetlands, dips or valleys between rock outcrops, wetted ditches connected to natural water features.</li> <li>• Exclusion fencing should be installed prior to the sensitive nesting season (May 1 and June 30) if activities are anticipated to occur throughout this period to prevent turtles from entering and/or nesting; or pre-screening can be completed to avoid nests if work must begin during nesting season.</li> <li>• No heavy machinery should be permitted on the shoulder of the road past the exclusion fencing to prevent compaction and prevent destruction of nests and habitat.</li> <li>• Where possible, restrict construction activities within 30 m of a nesting site.</li> </ul> <p><b><u>Plants</u></b></p> <ul style="list-style-type: none"> <li>• Confirm if Butternut trees are located within 25 m of temporary workspace and potential excavation. Consult with the MECP for potential disturbances to butternut trees. HDD may be an option to bypass ground disturbance work within 25 m of butternuts if amicable to MECP. Otherwise, registration under Ontario Regulation 242/08 Section 23.7 could be undertaken for a maximum of 10 trees, if required.</li> </ul> <p><b><u>Other Wildlife</u></b></p> <ul style="list-style-type: none"> <li>• Nuisance and large wildlife encounters (e.g., nuisance bears) or incidents involving wildlife should be reported to the NDMNRF.</li> </ul>	



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**Table 5.1: Potential Impacts and Recommended Mitigation and Protective Measures**

Environmental Feature(s)	Potential Impact(s)	Mitigation and Protective Measures	Net Impacts
		<ul style="list-style-type: none"> <li>• Food waste and other debris should be properly contained and should be collected and removed from the site on a daily basis to an approved disposal facility.</li> <li>• During construction, motorized construction equipment should be equipped with mufflers and silencers.</li> <li>• Company and construction personnel should avoid idling of vehicles; vehicles or equipment should be turned off when not in use, unless required.</li> <li>• Activities that create noise should be restricted to daylight hours when possible and adhere to local noise by-laws; sources of continuous noise, such as portable generators, should be shielded or located so as to reduce disturbance to residents and businesses.</li> <li>• Where pipeline installation will take an extended time period to complete, such as watercourse and road crossings, an assessment should be undertaken to determine the suitability and effectiveness of temporary noise barriers adjacent to residential or business properties.</li> <li>• The contractor should implement site practices during construction that are in line with the Environment Canada document 'Best Practices for the Reduction of Air Emissions from Construction and Demolition Activities' (Environment Canada, 2005), which may include:                             <ul style="list-style-type: none"> <li>– maintaining equipment in compliance with regulatory requirements</li> <li>– protecting stockpiles of friable material with a barrier or windscreen in the event of dry conditions and dust</li> <li>– dust suppression of source areas</li> <li>– covering loads of friable materials during transport.</li> </ul> </li> <li>• With respect to local views, restoration of the construction area will leave little evidence that a pipeline exists.</li> <li>• Construction should be conducted as expeditiously as possible, to reduce duration of activities.</li> <li>• The Constructor should protect lawns against damage by spoil, using tarpaulins, and/or plywood sheets. Wherever necessary, the Constructor must provide crossings of the ROW and open trench to permit the landowner or tenant to have access to their property. Access to residential properties should be always maintained.</li> <li>• Safety fence should be installed at the edge of the construction area where public safety considerations are required.</li> <li>• The contractor should implement a traffic management plan for all roads affected by construction, which at a minimum outlines measures to:                             <ul style="list-style-type: none"> <li>– control the movement of materials and personnel to and from the construction site</li> <li>– post signs to warn oncoming motorists of construction activity</li> <li>– control traffic at road crossings</li> <li>– reduce on-road disturbance and land closures</li> <li>– store equipment as far from the edge of the road as practical</li> <li>– install construction barricades at road crossings.</li> </ul> </li> <li>• Work in urban areas must be performed in compliance with traffic control guidelines and provincial Health and Safety Standards.</li> </ul>	
<b>SOCIO-ECONOMIC ENVIRONMENT</b>			
Demographics <i>Section 3.5.1</i>	<p>According to population projections, the population in Selwyn will continue to grow modestly in the coming years. To accommodate the growth that is to take place, rural portions of the Township are expected to undergo development. This will change the landscape of rural areas, which are presently sparsely populated, and will increase the demand for municipal services and utilities, including natural gas. The installation of natural gas and other utilities will therefore have a positive impact on the community as it will accommodate projected growth and the subsequent increase in natural gas demand and usage.</p> <p>During pipeline construction residents and business in the Study Area may experience a general nuisance, and temporary disruption in the use and enjoyment of their property and in the use of local roads from associated vehicular traffic, dust, and equipment exhaust. Residents and business owners may experience temporary</p>	<ul style="list-style-type: none"> <li>• Additional correspondence with residents adjacent to the Project should be held in advance of construction commencement. Contact information for a designated representative should be available prior to and during construction to address questions and concerns.</li> <li>• During construction, motorized construction equipment should be equipped with mufflers and silencers.</li> <li>• Company and construction personnel should avoid idling of vehicles; vehicles or equipment should be turned off when not in use unless required for operation of the vehicle or equipment.</li> <li>• Construction activities should adhere to the Township of Selwyn Noise By-Law No. 2003-97, which states that the noise caused by the erection, demolition, alteration or repair of a building or by construction of earth-moving equipment working upon such site situated within 500 feet of an occupied dwelling house on any day, between the hours of 9:00 pm and 5:00 am of the following day, excepting Sundays, when no such noise shall be created before the hour of 12:00 pm shall be deemed to be noises likely to disturb.</li> <li>• Where pipeline installation will take an extended time period to complete, such as watercourse and road crossings, an assessment should be undertaken to determine the suitability and effectiveness of temporary noise barriers adjacent to residential or business properties.</li> <li>• Watering for dust control must not result in the formation of puddles, rutting by equipment or vehicles, the tracking of mud onto roads, or the siltation of watercourses.</li> <li>• The contractor should implement site practices during construction that are in line with the Environment Canada document 'Best Practices for the Reduction of Air Emissions from Construction and Demolition Activities' (Environment Canada, 2005), which may include:                             <ul style="list-style-type: none"> <li>– maintaining equipment in compliance with regulatory requirements</li> <li>– protecting stockpiles of friable material with a barrier or windscreen in the event of dry conditions and dust</li> <li>– dust suppression of source areas</li> <li>– covering loads of friable materials during transport.</li> </ul> </li> </ul>	<p>With the implementation of the mitigation and protective measures, no significant adverse residual impacts on residents are anticipated.</p>





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Environmental Feature(s)	Potential Impact(s)	Mitigation and Protective Measures	Net Impacts
	<p>access disturbance. Construction activities also have the potential to disturb the perceived aesthetic value that residents place on their property and the area in general. Potential safety concerns for residents also exist at locations where properties, residents, and vehicles come in proximity to construction activities.</p>	<ul style="list-style-type: none"> <li>• Where pipeline construction activities and machinery have the potential to temporarily affect the local landscape, restoration of the construction area will leave little evidence that a pipeline exists.</li> <li>• Construction should be conducted as expeditiously as possible, to reduce duration of activities.</li> <li>• Tree removal should be reduced to the extent possible. Where tree removal is necessary, re-vegetation should occur in consultation with the landowner. Vegetative buffers at watercourse and road crossings should be restored where feasible.</li> <li>• Access to driveways and roads should be maintained as practical during the construction period. The pipeline, once constructed, will not restrict access.</li> <li>• The Contractor should protect lawns against damage by spoil, using tarpaulins, and/or plywood sheets. Wherever necessary, the Constructor must provide crossings to permit the landowner or tenant to have access to their property.</li> <li>• Safety fence should be installed at the edge of the construction area where public safety considerations are required.</li> <li>• The contractor should implement a Traffic Management Plan for all roads affected by construction, which at a minimum outlines measures to:                         <ul style="list-style-type: none"> <li>– control the movement of materials and personnel to and from the construction site</li> <li>– post signs to warn oncoming motorists of construction activity</li> <li>– control traffic at road crossings</li> <li>– reduce on-road disturbance and land closures</li> <li>– store equipment as far from the edge of the road as practical</li> <li>– install construction barricades at road crossings.</li> </ul> </li> </ul>	
<p>Employment and Business                      Section 3.5.2</p>	<p>Project demands for labour and goods and services can result in both beneficial and adverse effects. Positive effects may not be evenly distributed among populations, with some residents in a better position to receive economic benefits than others. Similarly, adverse effects may affect some residents more than others. Residual effects on employment are related to the project's labour demand compared to the labour supply. Three types of employment are considered:</p> <ul style="list-style-type: none"> <li>• Direct employment: labour that is hired directly for the project</li> <li>• Indirect employment: labour hired by companies in order to produce and provide goods and services needed for the project</li> <li>• Induced employment: labour hired by industries that produce and provide consumer items and services purchased by people who are directly or indirectly employed by the project</li> </ul> <p>Labour conditions will be affected by direct, indirect, and induced employment during all project phases. The Project could affect business through purchases of labour, goods, and services from local businesses, including businesses owned by Indigenous peoples, and will result in increased local employment income and municipal government revenue. Local businesses will likely benefit from supplying the Project with goods and services.</p>	<p>It is expected that the Project will generally result in positive effects on employment by employing local and Indigenous people, and by reducing the unemployment rate in the region. These positive effects do not require mitigation, but Enbridge Gas should identify and implement various mechanisms to enhance project benefits:</p> <ul style="list-style-type: none"> <li>• The potential effects of the Project as a result of purchasing labour, goods, and services is expected to be positive during construction and operation, so no mitigation will be required. However, Enbridge Gas has and will continue to work with local and Indigenous businesses to enhance their potential for successfully bidding on project contracts regarding the supply of goods and services, particularly for the operation phase. One initiative to help encourage further local and Indigenous content on the Project is to post Project purchasing requirements in advance, so that businesses can position themselves to effectively bid to supply goods and services needed for construction and operation. Increased participation of local and Indigenous businesses will enhance positive local economic effects.</li> </ul> <p>With respect to potential adverse effects on local businesses, the following mitigation and protective measures should be followed:</p> <ul style="list-style-type: none"> <li>• Enbridge Gas should engage with landowners, businesses, and the Municipality to address access to the Study Area and any portion of land that will be altered as part of site preparation, and long-term changes.</li> </ul>	<p>With the aforementioned initiatives to encourage local and Indigenous participation on the Project, it is anticipated that the effects from project on employment and business will be positive, including creating positive economic activity through new direct, indirect, and induced employment. Project expenditures on local businesses and suppliers also have the potential to positively affect the local economies. Consultation with residents and businesses will address any concerns to their operations. With the implementation of the mitigation and protective measures, no significant adverse residual impacts on employment and business are anticipated.</p>
<p>Community Services and Municipal Infrastructure                      Section 3.5.3</p>	<p>The presence of temporary workers in the local communities during the construction period has the potential to increase the demand for housing and local community services and infrastructure. Non-local Project workers are expected to stay in temporary accommodations, including hotels, motels, and campgrounds. As there are limited temporary</p>	<ul style="list-style-type: none"> <li>• Project employees might require medical attention while staying in the area. The contractor and Enbridge Gas should have emergency response equipment and trained personnel on-site during construction. In addition, an Emergency Response Plan will be developed and implemented, which will address field health services, emergency call-out procedures and fire response plans. Safety fencing will be used where necessary to separate the work area.</li> <li>• Environmental mitigation will be in place to reduce the likelihood of emergency events and to prepare for the management of emergency events on site. If an emergency incident were to occur, it is anticipated that the comprehensive mitigation, contingency plans, and safety strategies will result in a localized and low-intensity response.</li> </ul>	<p>Community services and infrastructure appear to have additional capacity to absorb potential increased temporary demands that may result from the Project, if not within the Township directly then in</p>



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Environmental Feature(s)	Potential Impact(s)	Mitigation and Protective Measures	Net Impacts
	<p>accommodations available in the Study Area, it is anticipated that non-local project workers will stay in accommodations located in Bridgenorth, the City or Peterborough, and Village of Lakefield. Non-local Project workers may also choose to rent cottages or apartments. The vacancy rate for temporary rentals will likely be able to accommodate the temporary increase. The short duration of the Project, as well as the structure of the work shifts, will limit the need for workers to use the services and infrastructure in local communities.</p> <p>The transportation of Project goods, services, and workers has the potential to lead to increased use of existing transportation infrastructure. Also, increased traffic volumes along local road networks could increase travel times and reduce road safety, which might lead to increased use of local emergency services due to potential vehicle accidents and workplace accidents. In addition, the production of Project-related waste could place additional stress on the capacity of local landfills.</p> <p>During operation, the workforce will remain the same as current operations with no planned changes.</p>	<ul style="list-style-type: none"> <li>• A Traffic Management Plan will be in place for all roads affected by construction, see row Section 3.5.1.</li> <li>• The capacity of waste disposal sites will be considered and if Project needs are not easily accommodated, alternative disposal locations will be considered.</li> <li>• Enbridge Gas should provide Project information to local communities and service providers so that they are prepared for any possible demand on community services and infrastructure related to a temporary population increase. Additional correspondence with residents and businesses adjacent to the PR will be held in advance of construction commencement to discuss potential specific impacts to the property or business. Contact information for a designated Enbridge Gas representative should be available to address questions and concerns during construction. Consultation has been initiated and should continue with municipal personnel.</li> <li>• Approvals should be obtained from the municipalities for all road crossings. The contractor must adhere to Enbridge Gas's requirements for road crossings as outlined in the Enbridge Construction and Maintenance Manual (October 27, 2021).</li> </ul>	<p>Bridgenorth, the City of Peterborough, or Village of Lakefield. Adverse effects on traffic will be minimal because of the rural nature of the community where roads currently have low levels of traffic and alternative routes are readily accessible.</p> <p>Given the available capacity of the local community services and infrastructure, along with the implementation of the mitigation and protective measures, no significant adverse residual impacts on community services and municipal infrastructure are anticipated.</p>
<p>Infrastructure                      Section 3.5.4</p>	<p>A variety of buried and overhead utilities (e.g., telephone, low-voltage hydroelectric, fiber optic, watermains) are located in road allowances throughout Study Area. Potential to damage and service interruptions to infrastructure and compromise the safety of workers and surrounding residents may result from interactions with rail, roads, hydrocarbon pipelines, hydroelectric facilities and buried and overhead utilities.</p>	<ul style="list-style-type: none"> <li>• Prior to the commencement of construction Enbridge Gas should obtain subsurface utility engineering data for the PR. The contractor should be responsible for locating existing pipelines and utilities. Machine operators will be informed where electrical transmission lines are present overhead. Lines that may interfere with the operation of construction equipment will be identified with warning poles strung together with rope and suspended red flags. In addition, all necessary permits and conditions of the utility's infrastructure will be met and abided by. Measures to mitigate induced voltage effects should be followed and are outlined in the Enbridge Construction and Maintenance Manual (October 27, 2021).</li> </ul>	<p>With the implementation of the mitigation and protective measures, no significant adverse residual impacts on infrastructure are anticipated.</p>
<p>Culture, Tourism and Recreational Facilities                      Section 3.5.5</p>	<p>Construction of the Project may temporarily interfere with the use of the cultural and recreational facilities. Potential impacts include noise, dust and equipment exhaust associated with construction activity. Construction activities will temporarily affect the aesthetic landscape of the construction area. Potential safety concerns exist due to the proximity of construction activities to the facilities.</p>	<ul style="list-style-type: none"> <li>• Construction barricades should be erected at all areas of construction activity where recreational users may be present.</li> <li>• Other mitigation and protective measures for noise, dust and equipment exhaust, aesthetics and safety are outlined in row Section 3.5.1 'Demographics' and row Section 3.5.3 'Community Services and Municipal Infrastructure'.</li> </ul>	<p>Cultural, tourism, and recreational facilities in the Study Area are limited. As such, impacts are not anticipated to be significant. Additionally, with the implementation of the mitigation and protective measures, no significant adverse residual impacts on cultural, tourism, and recreational facilities located immediately outside the Study Areas, such as the nearby churches, parks, trails, and marines are not anticipated to be impacted.</p>



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Air Quality and Noise <i>Section 3.5.6</i>	Residential, agricultural, and business properties may experience noise, dust and equipment exhaust associated with construction activity. During operation, no substantial air or noise emissions are anticipated to occur.	<ul style="list-style-type: none"> <li>• During construction, motorized construction equipment should be equipped with appropriate mufflers and silencers as available. Company and construction personnel should avoid excessive idling of vehicles; vehicles and equipment should be turned off when not in use unless required for operation. To the greatest extent practical, activities that could create noise should be restricted to daylight hours and adhere to local noise by-laws. Sources of continuous noise, such as portable generators, should be shielded or located so as to reduce disturbance to residents and businesses.</li> <li>• The contractor should implement site practices during construction that are in line with the Environment Canada document 'Best Practices for the Reduction of Air Emissions from Construction and Demolition Activities' (Cheminfo Services Inc. 2005), which may include:               <ul style="list-style-type: none"> <li>– Maintaining equipment in compliance with regulatory requirements</li> <li>– Covering loads of friable materials during transport</li> <li>– Dust suppression of source areas</li> <li>– Watering for dust control must not result in the formation of puddles, rutting by equipment or vehicles, the tracking of mud onto roads or the siltation of watercourses.</li> </ul> </li> </ul>	With the implementation of the mitigation and protective measures, no significant adverse residual impacts from air quality and noise are anticipated.
Indigenous Land Use and Traditional Knowledge <i>Section 3.5.7</i>	Impacts on Indigenous Land Use, Traditional Knowledge, and Indigenous interests are still being determined. The Environmental Report will be provided to Indigenous communities for the review and comment. Upon their review, Enbridge Gas will work with Indigenous communities to better understand potential impacts and associated mitigation measures.		
Land Use Designations <i>Section 3.5.8</i>	There are no policies in County's OP indicating the development of natural gas pipelines is not permitted in the Study Area. Moreover, the County OP cites that, natural gas distribution systems shall be permitted in any designation upon consideration that the use is necessary in the proposed location, that due consideration has been given to alternative locations and, that the public use or utility will be designed to be as compatible as practical with surrounding land uses (2020 page 7-37).	<ul style="list-style-type: none"> <li>• The Project does not propose to change or alter the designated land use. As no change in the proposed land use will occur, and thus, no impacts to land use will occur, no mitigation or protective measures are recommended.</li> </ul>	As no impacts are anticipated, no net impacts will occur.
Landfills and Contaminated Sites <i>Section 3.5.9</i>	<p>Improper disposal of waste material generated during construction may result in contamination to soil, groundwater, and/or surface water resources on and off the construction site. Litter generated during construction may also become a nuisance to adjacent properties if not contained.</p> <p>The PR expected be in the vicinity of the Smith Waste Disposal Site.</p> <p>Assumptions on the potential for landfill gas to impact the Project, as outlined in the D-4 Guideline, are made by assessing available information including proven soil-gas concentrations.</p>	<ul style="list-style-type: none"> <li>• All construction wastes should be disposed of in accordance with Enbridge Construction and Maintenance Manual (October 27, 2021). Additionally, Enbridge Gas should undertake responsible management of excess fill. When details on excess fill volumes are known, disposal locations should be determined, and appropriate permitting obtained. Suggested mitigation and protective measures include the following:               <ul style="list-style-type: none"> <li>– Waste materials, sanitary waste, and recycling transported off-site by private waste contractors licensed by the MECP.</li> <li>– Contractors required to remove their excess materials from the site.</li> <li>– Labelling and storage of hazardous and liquid wastes in a secure area that would contain material in the event of a spill.</li> <li>– Implementation of a waste management program consisting of reduction, reuse, and recycling of materials.</li> <li>– Should contaminated soils be encountered during construction, Enbridge Gas should implement their Suspect Soils Program (see Enbridge Construction and Maintenance Manual (October 27, 2021) for further details).</li> <li>– Soils that cannot be reused on site may be reused off-site in accordance with O. Reg. 406/19.</li> <li>– A Phase I ESA, and Phase II ESA (if recommended as part of the Phase I ESA) should be considered for any property that will be acquired by Enbridge Gas and a site-specific evaluation of PSOCs should be completed. If building demolition will be required, designated substance surveys should be completed for buildings or structures prior to demolition.</li> <li>– During construction, if evidence of potential contamination is found that was not highlighted in the Report (such as buried tanks, drums, oil residue or gaseous odour), construction will cease and the Enbridge Suspect Soil Program will be implemented. Should excess soil be generated on-site during construction activities that will require off-site management, representative soil samples should be collected in accordance with O. Reg. 406 /19 and submitted for chemical analysis to determine management options and appropriate handling and health and safety guidelines.</li> <li>– Should excess soil be generated on-site during construction activities that will require off-site management, or if contaminated soils are suspected (e.g., if observed material contains anthropogenic substances, petroleum hydrocarbons odours/staining, and debris/waste), representative soil samples should be collected in accordance with O. Reg. 406 /19 and submitted for chemical analysis to determine management options and appropriate handling and health and safety guidelines.</li> </ul> </li> </ul>	With these mitigations in place to properly test, treat, and dispose of contaminated water/soils, Stantec is of the opinion that impacts of the Smith Landfill on the Project are unexpected, and if they do occur can be managed through the above listed contingency measures.



**SELWYN COMMUNITY EXPANSION PROJECT: ENVIRONMENTAL REPORT**

Potential Impacts, Mitigation and Protective Measures and Net Impacts  
 April 1, 2022

**Table 5.1: Potential Impacts and Recommended Mitigation and Protective Measures**

Environmental Feature(s)	Potential Impact(s)	Mitigation and Protective Measures	Net Impacts
		– The potential for leachate or landfill gas to interact with the hydrogeologic and geologic settings of the Project is outlined in D-4. Similar to the assumption made on contaminated soils, Enbridge Gas will assume and treat any water that is dewatered as suspect, either through testing or proper disposal.	
Archaeological Resources <i>Section 3.5.10</i>	The Stage 1 AA has determined that approximately 66.4% of the study area for the Stage 1 AA retains potential for the recovery of archaeological resources while approximately 32.8% has either been previously assessed, previously disturbed, or does not retain archaeological potential.	Based on the findings of the Stage 1 AA, a Stage 2 AA is required for any portion of the Project’s anticipated construction which impacts an area of archaeological potential. A Stage 2 AA is not required for any portion of the Project’s anticipated construction which impacts an area of low to no archaeological potential.  The results of the Stage 2 AA will provide recommendations for further assessment, protection, and mitigation of archaeological resources. Where feasible for the project, archaeological sites that are determined to retain further cultural heritage value and interest should be mitigated in whole or in part by avoidance and protection/preservation measures. Where avoidance and protection/preservation measures are not feasible, archaeological resources may be mitigated in whole or in part by excavation.  For Indigenous archaeological resources retaining further cultural heritage value or interest and which may be subject to impact by the Project, Stage 3 AA and Stage 4 archaeological mitigation options will be evaluated in discussions with interested Indigenous communities.	With the implementation of the AA(s) and mitigation measures, including avoidance and protection/preservation (where feasible) and excavation, no significant adverse residual impacts on archaeological resources are anticipated.
Built Heritage Resources and Cultural Heritage Landscapes <i>Section 3.5.11</i>	The completion of the Checklist included the identification of two indicators of CHVI. Given the findings of the Checklist, it is recommended that additional technical studies are required. Specifically, a CHECPA is required prior to Project construction.	Prior to construction, a CHECPA will be undertaken and submitted to the MHSTCI for their review and comment. The CHECPA will contain mitigation measures for potential impacts, if required.	With the implementation of the mitigation and protective measures, no significant adverse residual impacts on built heritage resources or cultural heritage landscapes are anticipated.
Indigenous Interests <i>Section 3.5.12</i>	The proposed Project may impact Treaty and Aboriginal rights and traditional uses, including aboriginal archaeological resources. As noted above, impacts on Impacts on Indigenous Land Use, Traditional Knowledge, and Indigenous interests are still being determined. The Environmental Report will be provided to Indigenous communities for the review and comment. Upon their review, Enbridge Gas will work with Indigenous communities to better understand potential impacts and associated mitigation measures.		



## 6.0 CUMULATIVE EFFECTS ASSESSMENT

The recognition of cumulative effects assessment as a best practice is reflected in many regulatory and guidance documents. Regarding the development of hydrocarbon pipelines in Ontario, the *OEB Environmental Guidelines* (2016) notes that cumulative effects should be identified and discussed in the ER.

Building upon the intent of the *OEB Environmental Guidelines* (2016), the OEB has specified that only those effects that are additive or interact with the effects that have already been identified as resulting from the project are to be considered under cumulative effects. In such cases, it will be necessary to determine whether these effects warrant mitigation measures. The cumulative effects assessment has been prepared with consideration of this direction from the OEB.

### 6.1 METHODOLOGY

The cumulative effects assessment (CEA) describes the potential cumulative effects resulting from the interaction of residual effects of constructing and operating the proposed pipeline with the effects of other unrelated projects. The other projects assessed are those that are either existing or approved and that have a high likelihood of proceeding.

Cumulative effects include the temporal and spatial accumulations of change that occur within an area or system due to past, present, and future activities. Change can accumulate in systems by either an additive (i.e., cumulative) or interactive (i.e., synergistic) manner. Positive residual effects have not been assessed in the CEA.

By applying the principles of avoidance, minimization, and compensation to limit project-specific effects, potential adverse residual effects on environmental and socio-economic features have been greatly limited before accounting for the effects of other unrelated projects.

The CEA methodology is designed to evaluate and manage the additive and interactive effects from the following sources:

- Existing infrastructure, facilities, and activities as determined from available data sets
- The proposed pipeline
- Future activities where the undertaking will proceed, or has a high probability of proceeding

Although rare in occurrence, it is plausible that accidents or emergency events may arise due to an unforeseen chain of events during the Project's construction or operational life. Due to the rarity and magnitude of such events, they have not been assessed here, as they are extreme in nature when compared to the effects of normal construction and operation activities and require separate response plans.



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Cumulative Effects Assessment  
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## 6.2 STUDY BOUNDARIES

### Spatial

To make assumptions about the magnitude and probability of effects, an approximate 100 m boundary around the PR was used for the cumulative effects assessment. The 100 m boundary has been found, through previous experience with pipeline construction, to be appropriate for the most commonly encountered net effects.

### Temporal

The temporal boundaries for the cumulative effects assessment reflect the nature and timing of project activities, and the availability of information surrounding future projects with a high probability of proceeding. The project schedule identifies three key milestone activities:

1. ER and technical design – 2022
2. Construction – Q4 of 2022
3. Operation and Maintenance – 2023 to 2073\*

*\*Fifty years of operation is used as an assumption, although the pipeline may be operational beyond fifty years.*

Based upon these milestone activities, two time periods were selected for evaluation: Q4 of 2022 to 2023 and 2028. The years 2022 and 2023 were selected to represent the construction period, and the year 2028 was selected to represent the operation and maintenance period. Forecasting beyond 2028 increases the uncertainty in predicting whether projects will proceed, and the effects associated with these projects.

## 6.3 PROJECT INCLUSION LIST

The project inclusion list was developed by reviewing publicly available information for projects and activities with the potential for effects to interact with the identified effects of the proposed pipeline within the spatial and temporal study boundaries. The following resources were reviewed:

- Impact Assessment Agency of Canada, Canadian Impact Assessment Registry (IAAC 2022)
- Government of Ontario, Environmental Assessment Projects by Category (Government of Ontario 2022)
- MTO, Ontario's Highways Program Interactive Map (2016-2024) (MTO 2020)
- Canadian Energy Regulator, Major Facilities Applications (CER 2021)
- Peterborough County, Construction Projects (Peterborough County 2022)
- Township of Selwyn Current Planning Applications (Township of Selwyn 2022)
- OEB Applications Currently Before the Board (facilities applications only) (OEB 2022)
- Information solicited through public consultation



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Cumulative Effects Assessment

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Based on the review of publicly available resources two construction projects were identified within the study boundaries for this CEA including:

- County Road 18 Bridgenorth Causeway Link (Bridgenorth By-pass)
- Ward Street Widening

Both developments are proposed to occur within the community of Bridgenorth and are located within proximity to the Bridgenorth Station. Neither project is located within 100 m of the PR.

In addition to these developments which are set to occur in the Study Area, it is assumed that on-going improvements, upgrades, and maintenance to municipal infrastructure such as bridges, culverts, drains, electrical utilities, municipal developments, or roads may occur within the spatial and temporal study boundaries.

### 6.4 ANALYSIS OF CUMULATIVE EFFECTS

The ER considers the potential impacts of the project on specific features and conditions and proposes mitigation and protective measures to eliminate or reduce the potential impacts. The CEA evaluates the significance of residual impacts (after mitigation) of the Project along with the effects of other unrelated projects.

#### 6.4.1 Construction – Q4 2022 / early 2023

Residual project impacts which may occur during project construction outlined in **Table 5-1** to consider the additive and interactive effects at their maximum intensity, the CEA assumes that construction of other unrelated projects and the proposed pipeline construction may also occur concurrently.

Potential cumulative effects resulting from the proposed pipeline construction and the concurrent projects listed in Section 6.3 may contribute to additive effects on both the biophysical features and the socio-economic environment. Although these are major projects, given their distance from the PR and that Bridgenorth Station improvements are to be limited to the existing compound, these developments are not anticipated to have a cumulative impact or interaction with project construction.

However, Enbridge Gas will continue consultations with Peterborough County and Selwyn Township municipal staff to reduce the potential for construction activities that may lead to cumulative effects and coordinate plans to reduce resultant effects during construction. Provided that construction activities implement similar mitigation and protective measures as those recommended for pipeline construction, adverse cumulative effects up either biophysical features or the socio-economic environment are predicted to be of low to moderate probability and magnitude, short duration (2-3 months), and reversible. Therefore, adverse residual cumulative effects during construction, are not anticipated to be significant.



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Cumulative Effects Assessment

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### 6.4.2 Operation and Maintenance – Year 2023 to 2028

Development and maintenance activities which have a probability of proceeding during operation and maintenance of the project include:

- Capital Projects (future road rehabilitation, realignments, resurfacing, etc.). Each year, Peterborough County identifies areas of roadways that require maintenance and/or new projects that will be completed or are in the planning stages. A description of the Peterborough County's maintenance, paving and other construction projects that are taking place each year and the corresponding schedule are posted on the County's webpage at: <https://www.ptbocounty.ca/en/living/notices-of-construction.aspx>
- Pipeline construction and maintenance: Future pipeline construction and maintenance of existing hydrocarbon pipelines

Operation and maintenance of the proposed pipeline will have relatively little impact on the environment. On a day-to-day basis there is no operational noise that is anticipated to occur following Project construction. Should an integrity dig or station maintenance be necessary, this shall be the only anticipated instance when the Project would have potential temporary impacts during its operation.

No other municipal road, sewer or watermain works, County of Peterborough or Selwyn Township projects are scheduled to take place during the timeframe of the construction and operation of the pipeline. Consultation will continue with municipal staff, developers and other utilities that intersect with the proposed pipeline to identify new projects that may occur concurrently with the proposed pipeline operation. These could include County of Peterborough road and infrastructure upgrades and maintenance programs including other utility operation and maintenance activities. There is the potential that cumulative effects may occur for residual impacts as outlined in the ER related to accidental spills, erosion and sediment control and residents.

Any operation and maintenance activities undertaken by Enbridge Gas will be completed in co-ordination of the Enbridge Gas Environmental Planning Team and will consider any potential impacts on natural heritage and socio-economic environment. Appropriate mitigation measures will be developed and implemented based on the proposed maintenance work and all necessary agency permits and approvals will be secured, as required. Given the limited scale of impact of any potential operation and maintenance activities, it is anticipated that residual impacts will be minimal and that should any interaction occur with other projects, adverse residual effects are not anticipated to be significant.





## **6.5 SUMMARY OF CUMULATIVE EFFECTS**

The potential cumulative effects of the Project were assessed by considering development that may begin during construction or that may begin sometime in the future.

The Study Area boundary for the Project was used to assess the potential for additive and interactive effects of the Project and other developments on environmental and socio-economic features. As such, the cumulative effects assessment determined that, provided through ongoing consultation, appropriate mitigation and protective measures are implemented, potential cumulative effects will be of low probability and magnitude, short duration (2 to 3 months), and reversible and positive and are, therefore, not anticipated to be significant.



## 7.0 MONITORING AND CONTINGENCY PLANS

### 7.1 MONITORING

The primary objective of compliance and effects monitoring is to check that mitigation and protective measures are effectively implemented and to measure the impacts of activities associated with construction on environmental and socio-economic features. Ultimately, the knowledge gained from monitoring is used to avoid or reduce issues which may arise during construction of subsequent pipeline projects.

Previous pipeline construction experience, and a review of post-construction monitoring reports from other projects, indicates that impacts from pipeline construction are for the most part temporary. The mitigation and protective measures to eliminate or reduce impacts are well known and have been shown to be effective. Enbridge Gas should adhere to the following general monitoring practices:

- Trained personnel should be on-site to monitor construction and should be responsible for checking that the mitigation and protective measures and monitoring requirements in the ER are executed. Enbridge Gas should implement an orientation program for inspectors and contractor personnel to provide information regarding Enbridge Gas' environmental program and commitments, as well as safety measures.
- Recommendations and commitments made in this ER and other applicable permits and reports should be incorporated into an EPP detailing construction activity. The EPP should also include site and feature specific mitigation. The EPP should become part of the contract specification with the contractor selected to construct the project, as noted in Section 5.8.4 of the OEB *Environmental Guidelines* (2016).
- A walking inspection of the entire PR should be completed three (3) months and 15 months after the in-service date to determine whether areas require further rehabilitation or as required by OEB conditions of approval.

The following sections list specific environmental monitoring activities recommended for the Project.

#### 7.1.1 Exposed Soils

Where soils are exposed for construction activities, potential effects may include surface soil erosion and sedimentation of watercourses. Improper water discharge can lead to erosion and sedimentation. Monitoring of potential effects on exposed soils should occur by Enbridge Gas's on-site inspection team and the Environmental Inspector.



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### 7.1.2 Water Wells

If blasting is required for trenching, well owners within 100 m of the preferred pipeline trench should be provided the option to participate in a Water Well Monitoring Program prior to construction to determine preconstruction quality and quantity conditions. Where blasting is not required, wells within a minimum of 10 m of the trench, or as recommended by future hydrogeological studies, will qualify for participation in the monitoring program. The water quality and quantity, and levels of participating resident water wells should be monitored in the event a complaint or concern is brought forward.

The proposed monitoring program should include delivery of notification letters to all potential groundwater users within a certain distance of the preferred route. Due to well access limitations and resident's willingness to participate in the Water Well Monitoring Program, it will not be possible to monitor every well within the selected distance. Typically, response rates for this type of request ranges between 10 and 20 percent. The notification letter will detail the proposed pipeline construction and the potential risk of well interference, as well as include appropriate contact information for Enbridge Gas.

Landowner complaints regarding well interference received during or after the construction period, whether the landowner is a participant in the Water Well Monitoring Program or not, should be investigated individually as described in Section 7.2.2.

### 7.1.3 Watercourse and Wetland Crossings

An Environmental Inspector should be on-site during sensitive watercourse and wetland crossings to monitor adherence to specifications and site plans. In particular, the Environmental Inspector should monitor that pre-construction preparation is complete prior to commencement of any work and that the floodplain conditions are restored to as close to preconstruction conditions as possible. The Environmental Inspector should be responsible for monitoring weather forecasts prior to the crossing to ensure conditions are appropriate for the crossing technique.

Follow-up inspections, three (3) months and 15 months after construction following spring runoff, should be completed to review effectiveness of the fill regulated area re-vegetation program, to check bank and slope stability and to ensure floodplain drainage has been maintained. Appropriate remediation measures should be completed as necessary, and additional follow-up monitoring should be conducted.

### 7.1.4 Vegetation

During pre-construction clearing and construction, the Environmental Inspector should monitor the limits of clearing so as not to damage adjacent vegetation. The Environmental Inspector should identify any trees that pose a potential hazard and may require removal. If clearing is to be completed during the bird nesting season, nest sweeps should be completed no later than seven days prior to clearing activities. In addition, prior to any tree removals it is recommended that a Butternut Survey and a bat maternity roosting survey be completed to confirm the presence or absence of this species within the work area.



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Establishment of vegetative cover should be monitored. Sediment control fencing and other protective measures should be retained in place until cover is fully established. Should any new trees be planted as part of compensation plans, a year following construction, any planted trees should be inspected for survival. In areas of severe dieback or in areas serving important environmental functions (e.g., riparian or slope cover), dead and diseased trees should be replaced. Enbridge Gas's inspection program should include annual monitoring until the new plantings are healthy and established.

### 7.1.5 Wildlife

Should the presence of species at risk be identified within the Study Area, construction monitoring will need to be undertaken. The exact nature of monitoring will be determined in consultation with the MECP.

### 7.1.6 Residents, Recreational Facilities and Businesses

Construction activities may impact directly affected landowners and surrounding residents and businesses. During construction, a designated Enbridge Gas representative should be available to monitor and respond to requests and concerns voiced by residents and business owners. Landowners affected by construction should be notified in advance of construction activities in their area, as feasible. The notification should provide the contact information for a designated Enbridge Gas representative.

Enbridge Gas's on-site inspection team should also monitor the contractors' implementation of the Traffic Management Plan to see that site access to residences and businesses has been maintained and that traffic is not being unnecessarily interrupted.

While efforts will be undertaken to reduce impacts, a comment tracking system should also be implemented. An Enbridge Gas representative should record the time and date of calls, the nature of the concern, the corrective action taken, and the time and date of follow-up contact.

Following completion of construction, Enbridge Gas should contact residents and businesses along the easement to continue ongoing communications where necessary. During the first 15 months particular attention should be paid to monitoring and documenting impacts associated with construction of the proposed pipeline

### 7.1.7 Municipal Roads

Roads affected by pipeline construction should be restored to their pre-construction conditions to the satisfaction of the appropriate authorities' engineers. Road Superintendents should be given an opportunity to inspect any repairs or modifications. Once re-established, the crossing location of roads should be monitored following heavy rain events, and a year after construction following spring runoff, to ensure no road subsidence or major rutting has occurred and that the drainage system is functioning properly.

### 7.1.8 Cultural Heritage Resources

Based on the results of the Checklist, a CHECPA will be required. The CHECPA will identify site plan controls and specific site-specific measures that are needed for the Project.



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## 7.2 CONTINGENCY

Contingency planning is necessary to prevent a delayed or ineffective response to unexpected events or conditions that may occur during construction of the proposed pipeline. An essential element of contingency planning is the preparation of plans and procedures that can be activated if unexpected events occur. The absence of contingency plans may result in short- or long-term environmental impacts and possibly threaten public safety.

The following unexpected events require contingency planning during construction: private water well complaint, contaminated sites, watercourse sedimentation, inadvertent returns during HDD, accidental spills, and unexpected finds. Although unexpected problems are not anticipated to occur during construction, Enbridge Gas and the pipeline contractor should be prepared to act. Construction personnel should be made aware of and know how to implement contingency measures.

### 7.2.1 Private Water Well Complaint

Enbridge Gas's Private Water Well Complaint contingency plan should be implemented in the unlikely event that residential well complaints arise during or after construction. The depth and existing condition of a given well is a significant factor in whether the well may be adversely impacted by nearby construction activities. The objective of any investigation related to interference of private water supply is to respond to the resident expediently and courteously and ultimately arrive at a resolution that is agreeable to both Enbridge Gas and the well owner.

In the event a resident registers a complaint with Enbridge Gas regarding a reduction of well water quality and/or quantity, Enbridge Gas will offer to arrange immediate provision of temporary potable or non-potable water, depending on the resident's needs, until the matter is resolved. Enbridge Gas will also offer to have a qualified hydrogeologist complete a well inspection, subject to the well owner granting permission. The hydrogeologist will visit the site to discuss the complaint with the resident and inspect the well and related complaint to the extent possible. The hydrogeologist will then provide advice to Enbridge Gas on further assessment if required, or advice on possible remedial options should they determine that the complaint may be related to the construction works.

### 7.2.2 Contaminated Sites (Suspect Soils Program)

Efforts have been made to identify potentially contaminated sites in the vicinity of the PR through a review of readily available information. Through circulation of the ER, the MECP will have an opportunity to review the PR if other unknown areas of potential contamination may exist.

Regardless, the potential exists for unknown material to be encountered during construction. If evidence of potential contamination is found, such as buried tanks, drums, oil residue or gaseous odour, construction should cease and Enbridge Suspect Soil Program should be implemented.

Enbridge's Suspect Soil Program will be implemented if contaminated soils that are encountered during construction.



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If potentially contaminated sites are encountered, the on-site contractor supervisor and owner representative should be notified immediately, as well as the following contact:

- Enbridge Gas Inc., Environment Department, 1-855-336-2056.

### 7.2.3 Watercourse Sedimentation

Properly installed ESC measures are designed to reduce the risk of sediment laden runoff being transported towards watercourses and other natural heritage features. Extreme runoff events could result in collapse of silt fencing, overflow or bypass of barriers, and other problems which could lead to sedimentation of watercourses.

If sedimentation occurs, immediate action should be taken to repair dysfunctional ESC features or install temporary measures that will contain the erosion as quickly as practical. When site conditions permit, permanent protection measures should be installed on erosion-susceptible surfaces. The source of sedimentation and degree of impact should be examined when conditions permit. If erosion and sedimentation results from a construction-related activity, the activity should be halted immediately until the situation is rectified.

### 7.2.4 Inadvertent Returns During HDD

The best way to avoid inadvertent returns is to monitor drilling operations continuously with experienced personnel trained in all aspects of the HDD process. Drilling fluid is used during the advancement of the drill string to erode the formation, aid in stabilizing the bore hole and carry drill cuttings to the bore entry or exit. The viscosity and pressure of the drilling fluid is adjusted throughout the procedure to manage the HDD process. Jetting pressures will be limited to avoid a drilling fluid release (i.e., inadvertent return) during drilling. However, should a release of drilling fluid occur in the Project area an inadvertent return contingency plan should be implemented. Specifics of the contingency plan will be detailed in the project specific EPP.

### 7.2.5 Accidental Spills

During construction, an accidental spill may occur. The impact of the spill will depend upon the magnitude and extent of the spill, and the environmental and socio-economic conditions in which it takes place. Upon release of a hydrocarbon-based construction fluid, Enbridge Gas should immediately determine the magnitude and extent of the spill and rapidly take measures to contain it. Release of sediment should also be treated as a potential spill depending on the magnitude and extent. Spills should be immediately reported to Enbridge Gas's on-site inspection team and Environment Department. If necessary, the MECP Spills Action Center should be notified at 1-800-268-6060, the local/regional municipality and/or the local Conservation Authority (if required). If requested through consultation, Indigenous communities identified on the Project Contact List should be notified of reportable spills.

A Spills Response Plan should be developed, reviewed with personnel, and posted in site trailers. Spill containment equipment should be readily available, especially near watercourses. Personnel should be trained in the use of spill containment equipment.



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Should a spill occur in the Project area the spill response contingency plan should be implemented. Specifics of the contingency plan will be detailed in the EPP.

### 7.2.6 Unexpected Finds: Archaeological or Heritage Resources

Should previously unknown archaeological or heritage resources be uncovered or suspected of being uncovered during construction, ground disturbance in the find location should cease immediately. Enbridge Gas' Environment Department, the MHSTCI and an archaeologist licensed in the Province of Ontario as well as affected Indigenous communities should be notified immediately. A site-specific response plan should then be employed following further investigation of the specific find. The response plan would indicate under which conditions the ground disturbance activity in the find location may resume.

In the event that human remains are uncovered or suspected of being uncovered during ground disturbance, the above measures should be implemented along with notifying local police, the coroner's office, affected Indigenous communities, and the Cemeteries Regulation Unit of the Ontario Ministry of Government and Consumer Services (1-800-889-9768).

Enbridge Gas is committed to keeping interested Indigenous communities engaged on any unearthed artifacts and/or human remains discovered in relation to our projects.



Conclusion  
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## **8.0 CONCLUSION**

The environmental study investigated data on the physical, biophysical, and socio-economic environment along the PR. In the opinion of Stantec, the recommended program of supplemental field studies in spring/summer 2022, ORCA permitting requirements, mitigation and protective measures, and contingency measures are considered appropriate to protect the features encountered. Monitoring will assess whether mitigation and protective measures were effective in both the short and long term.

With the implementation of the recommendations in this Report, on-going communication and consultation, and adherence to permit, regulatory and legislative requirements, potential adverse residual environmental and socio-economic impacts of the Project are not anticipated to be significant.





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References

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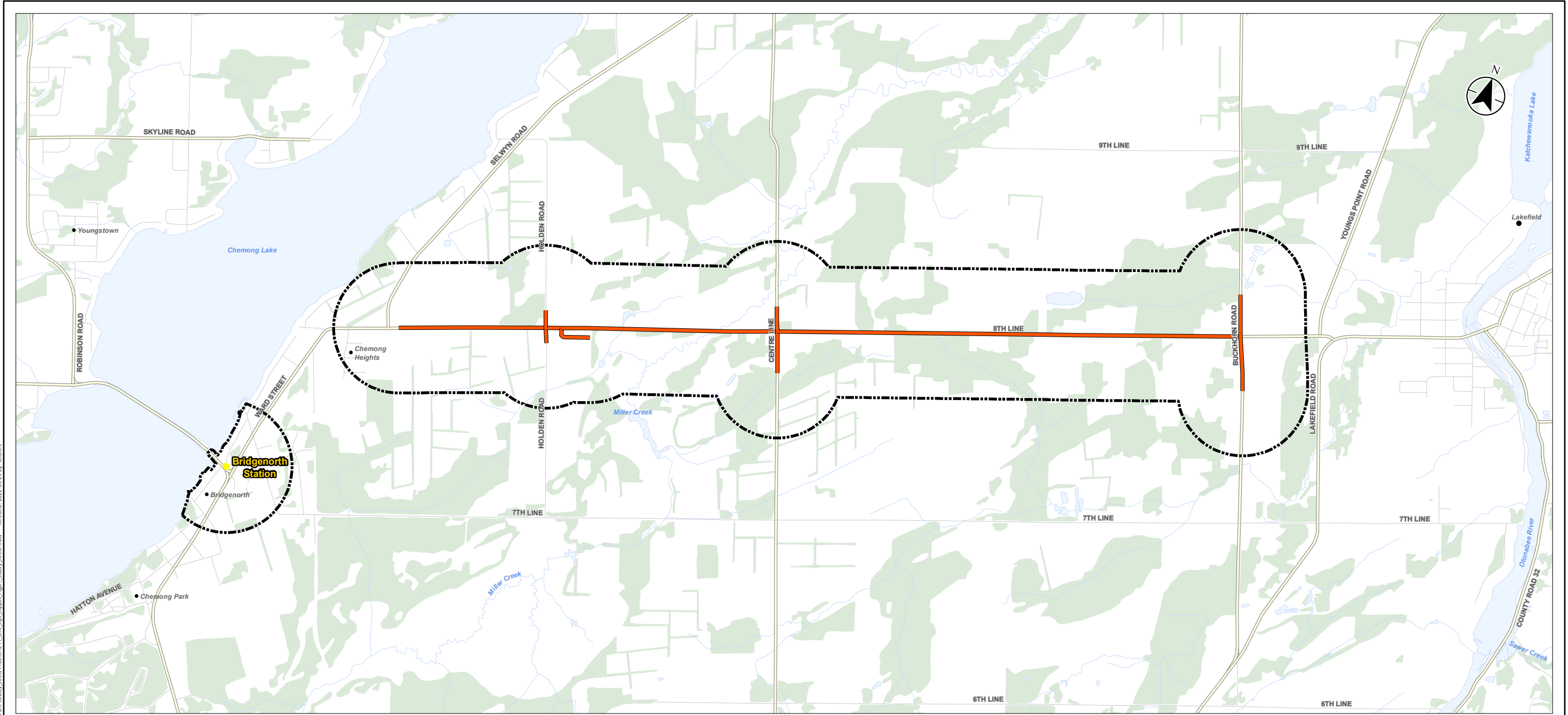
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# APPENDIX A: Figures





- Legend**
- Preferred Route
  - Bridgenorth Station
  - Study Area
  - Major Road
  - Minor Road
  - Watercourse
  - Waterbody

0 500 1,000 metres  
 1:30,000 (At original document size of 11x17)



Project Location: 160951299  
 County of Peterborough  
 Prepared by KB on 2022-03-24  
 Technical Review by SE on 2022-02-28

Client/Project: ENBRIDGE GAS DISTRIBUTION INC.  
 SELWYN COMMUNITY EXPANSION PROJECT

Figure No.: A-1  
 Title: Study Area

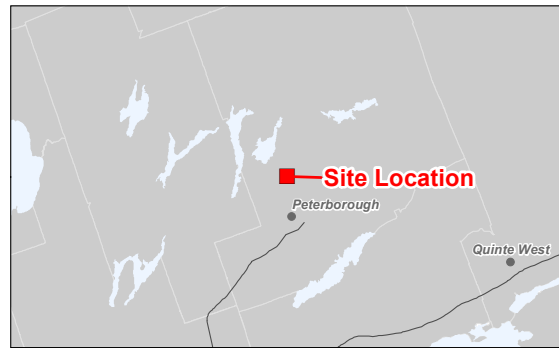
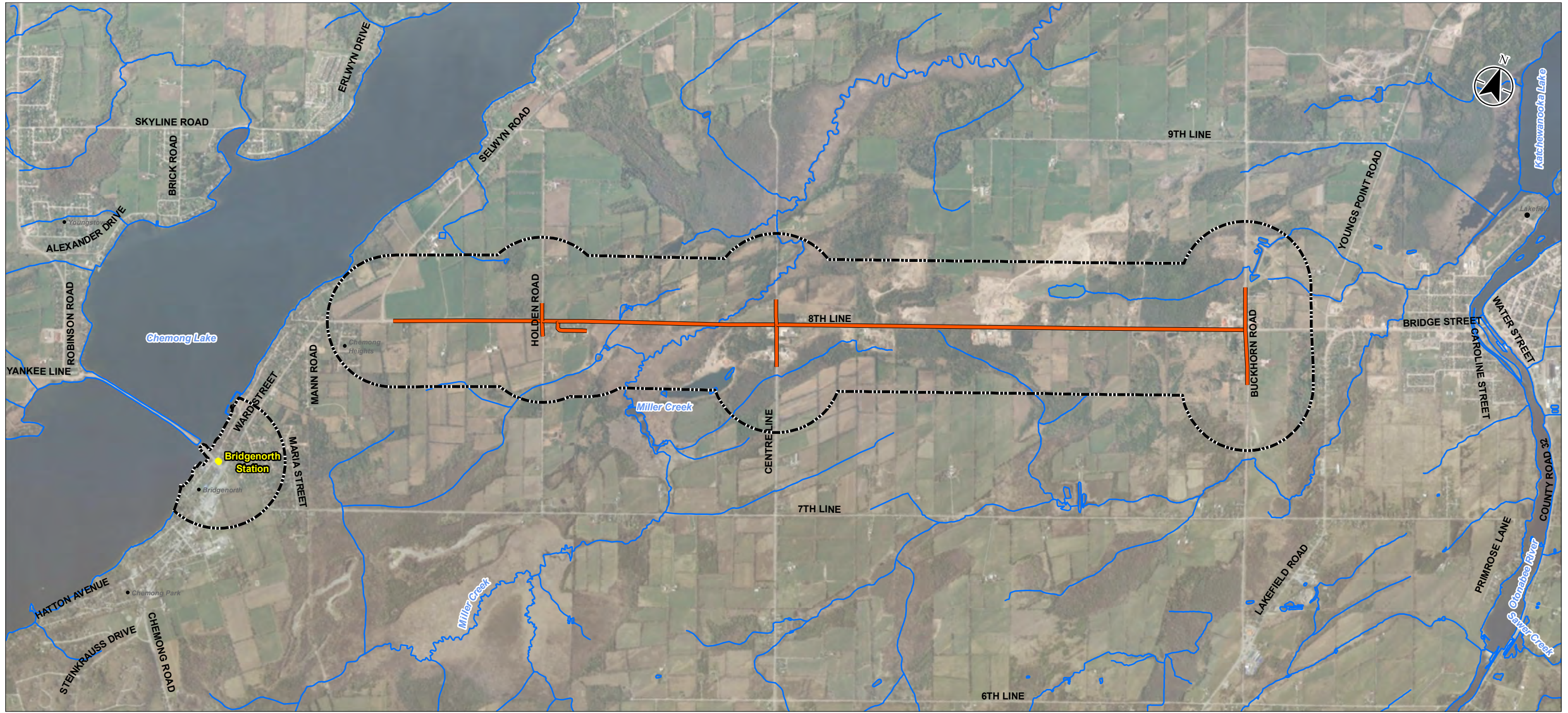
**Notes**  
 1. Coordinate System: NAD 1983 UTM Zone 17N  
 2. Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2022.

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 Revised: 2022-03-24 By: searles



- Legend**
- Preferred Route
  - Bridgenorth Station
  - Study Area
  - Watercourse
  - Waterbody

0 500 1,000 metres  
 1:30,000 (At original document size of 11x17)



Project Location: 160951299  
 County of Peterborough  
 Prepared by KB on 2022-03-24  
 Technical Review by SE on 2022-02-28

Client/Project:  
 ENBRIDGE GAS DISTRIBUTION INC.  
 SELWYN COMMUNITY EXPANSION PROJECT

Figure No.:  
 A-2  
 Title:  
 Preferred Route

**Notes**  
 1. Coordinate System: NAD 1983 UTM Zone 17N  
 2. Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2022.  
 3. Orthoimagery © First Base Solutions, 2022. Imagery Date, 2008.

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# **APPENDIX B:**

## **Consultation**



*APPENDIX B1:  
LETTER OF DELEGATION*



**Ministry of Energy**

Energy Networks & Indigenous Policy  
Branch

Indigenous Energy Policy

77 Grenville Street, 6<sup>th</sup> Floor  
Toronto, ON M7A 2C1  
Tel: 416-325-6810

**Ministère de l'Énergie**

Direction Générale des Réseaux Énergétiques  
et des Politiques Autochtones

Politique Énergétique Autochtone

77, rue Grenville, 6<sup>e</sup> étage  
Toronto, ON M7A 2C1  
Tél. 416-325-6810



January 18, 2021

VIA EMAIL

Adam Stiers and Melanie Book  
Enbridge Gas Incorporated  
P. O. Box 2001  
50 Keil Drive North  
Chatham, ON N7M 5M1

**Re: Selwyn Community Expansion Project**

Dear Adam Stiers and Melanie Book:

Thank you for your letter of November 29, 2021 notifying the Ministry of Energy (Energy) of Enbridge Gas Incorporated's (Enbridge) intention to apply to the Ontario Energy Board (OEB) for Leave to Construct for the Selwyn Community Expansion Project (the Project).

I understand that Enbridge is proposing to construct approximately 9 km of natural gas pipelines to provide services to Selwyn, and will include transporting natural gas supply from Bridgenorth east through Selwyn toward Lakefield, and distributing natural gas volumes to residential commercial and industrial customers in Selwyn Township.

On behalf of the Government of Ontario (the Crown), Energy has reviewed the information provided by Enbridge with respect to the Project and assessed it against the Crown's current understanding of the interests and rights of Aboriginal communities who hold or claim Aboriginal or treaty rights protected under Section 35 of Canada's *Constitution Act 1982* in the area. In doing so, Energy has determined that the Project may have the potential to affect such communities.

The Crown has a constitutional duty to consult and, where appropriate, accommodate communities when the Crown contemplates conduct that might adversely impact established or asserted Aboriginal or treaty rights. These consultations are in addition to consultation imposed by statute.

While the legal responsibility to meet the duty to consult lies with the Crown, the Crown

may delegate the day-to-day, procedural aspects of consultation to project proponents. Such a delegation by the Crown to proponents is routine practice for Energy.

I am writing to advise you that on behalf of the Crown, Energy is delegating the procedural aspects of consultation in respect of the Project to Enbridge (the Proponent) through this letter. Energy expects that the Proponent will undertake the procedural aspects of consultation with respect to any regulated requirements for the proposed Project. The Crown will fulfill the substantive aspects of consultation and retain oversight over all aspects of the process for fulfilling the Crown's duty.

Please see the appendix for information on the roles and responsibilities of both the Crown and the Proponent.

Based on the Crown's assessment of First Nation and Métis community rights and potential project impacts, the following communities should be consulted on the basis that they have or may have constitutionally protected Aboriginal or treaty rights that may be adversely affected by the Project.

Community	Mailing Address
Alderville First Nation*	P.O. Box 46 Roseneath ON K0K 2X0 T: (905) 352-2011 F: (905) 352-3242
Curve Lake First Nation*	General Delivery Curve Lake ON K0L 1R0 T: (705) 657-8045, ext. 209 F: (705) 657-8708
Hiawatha First Nation*	123 Paudash Street, R.R. #2 Keene ON K0L 2G0 T: (705) 295-4421 F: N/A
Huron Wendat Nation**	255, place Chef Michel Laveau Wendake QC G0A 4V0 T: (418) 843-3767 F: (418) 842-1108
Kawartha Nishnawbe	No mailing address, telephone, or fax information available. nodin.webb@hotmail.com; samgharvey@live.com; giiwednang@hotmail.com; kawarthanishnawbecouncil@outlook.com
Mississaugas of Scugog Island*	22521 Island Road Port Perry ON L9L 1B6 T: (905) 985-3337 F: N/A

**Notes:**

\* It is standard practice to copy Karry Sandy McKenzie, Williams Treaties First Nations Process Coordinator, on correspondence to the identified Williams Treaties First Nations identified above ([inquiries@williamstreatiesfirstnations.ca](mailto:inquiries@williamstreatiesfirstnations.ca)).

\*\* Interests are specific to archeological resources. If, as the project progresses, it is determined that there will be no impacts to archaeological resources, Enbridge should contact the Manager of

Community	Mailing Address
Indigenous Energy Policy at the Ministry of Energy, as further consultation with this community may not be required.	

This rights-based consultation list is based on information that is subject to change. Consultation is ongoing throughout the duration of the Project, including project development and design, consultation, approvals, construction, operation and decommissioning. First Nation and Métis communities may make new rights assertions at any time, and further project related developments can occur that may require additional First Nation and/or Métis communities to be notified and/or consulted.

If you become aware of potential rights impacts on communities that are not listed above at any stage of the Project, please bring this to the attention of Energy with any supporting information regarding the claim at your earliest convenience.

### **Acknowledgement**

By accepting this letter, the Proponent acknowledges this Crown delegation and the procedural consultation responsibilities enumerated in the appendix. If you have any questions about this request, you may contact Rosalind Ashe by calling (437) 239-6154, or by email at: [rosalind.ashe@ontario.ca](mailto:rosalind.ashe@ontario.ca).

I trust that this information provides clarity and direction regarding the respective roles of the Crown and Enbridge Gas Incorporated. If you have any questions about this letter or require any additional information, please contact me directly.

Sincerely,



(for) Amy Gibson  
Manager, Indigenous Energy Policy

c: Ontario Pipeline Coordinating Committee (OPCC)

## **APPENDIX: PROCEDURAL CONSULTATION**

### **Roles and Responsibilities Delegated to the Proponent**

On behalf of the Crown, please be advised that your responsibilities as Proponent for this Project include:

- providing notice and information about the Project to communities, with sufficient detail and at a stage in the process that allows the communities to prepare their views on the Project and, if appropriate, for changes to be made to the Project. This can include:
  - accurate, complete and plain language information including a detailed description of the nature and scope of the Project and translations into Aboriginal languages where appropriate;
  - maps of the Project location and any other affected area(s);
  - information about the potential negative effects of the Project on the environment, including their severity, geographic scope and likely duration. This can include, but is not limited to, effects on ecologically sensitive areas, water bodies, wetlands, forests or the habitat of species at risk and habitat corridors;
  - a description of other provincial or federal approvals that may be required for the Project to proceed;
  - whether the Project is on privately owned or Crown controlled land;
  - any information the Proponent may have on the potential effects of the Project, including particularly any likely adverse impacts on established or asserted Aboriginal or treaty rights;
  - a written request asking the community to provide in writing or through a face-to-face meeting:
    - any information available to them that should be considered when preparing the Project documentation;
    - any information the community may have about any potential adverse impacts on their Aboriginal or treaty rights; and
    - any suggested measures for avoiding, minimizing or mitigating potential adverse impacts;
    - information about how information provided by the community as part of the consultation process will be collected, stored, used, and shared for their approval;
  - identification of any mechanisms that will be applied to avoid, minimize or mitigate potential adverse impacts;
  - identification of a requested timeline for response from the community and the anticipated timeline for meeting Project milestones following each notification;
  - an indication of the Proponent's availability to discuss the process and provide further information about the Project;
  - the Proponent's contact information; and
  - any additional information that might be helpful to the community.
- following up, as necessary, with communities to ensure they received Project notices and information and are aware of the opportunity to comment, raise

questions or concerns and identify potential adverse impacts on their established or asserted rights;

- gathering information about how the Project may adversely affect Aboriginal or treaty rights;
- bearing the reasonable costs associated with the procedural aspects of consultation (paying for meeting costs, making technical support available, etc.) and considering reasonable requests by communities for capacity funding to assist in participating in the consultation process;
- considering and responding to comments and concerns raised by communities and answering questions about the Project and its potential impacts on Aboriginal or treaty rights;
- as appropriate, discussing and implementing changes to the Project in response to concerns raised by communities. This could include modifying the Project to avoid or minimize an impact on an Aboriginal or treaty right (e.g. altering the season when construction will occur to avoid interference with mating or migratory patterns of wildlife); and
- informing communities about how their concerns were taken into consideration and whether the Project proposal was altered in response. It is considered a best practice to provide the community with a copy of the consultation record as part of this step for verification.

If you are unclear about the nature of a concern raised by a community, you should seek clarification and further details from the community, provide opportunities to listen to community concerns and discuss options, and clarify any issues that fall outside the scope of the consultation process. These steps should be taken to ensure that the consultation process is meaningful and that concerns are heard and, where possible, addressed.

You can also seek guidance from the Crown at any time. It is recommended that you contact the Crown if you are unsure about how to deal with a concern raised by a community, particularly if the concern relates to a potential adverse impact on established or asserted Aboriginal or treaty rights.

The consultation process must maintain sufficient flexibility to respond to new information, and we request that you make all reasonable efforts to build positive relationships with all communities potentially affected by the Project. If a community is unresponsive to efforts to notify and consult, you should nonetheless make attempts to update the community on the progress of the Project, the environmental assessment (if applicable) and other regulatory approvals.

If you reach a business arrangement with a community that may affect or relate to the Crown's duty to consult, we ask that that Crown be advised of those aspects of such an arrangement that may relate to or affect the Crown's consultation obligations, and that the community itself be apprised of the Proponent's intent to so-apprise the Crown. Whether or not any such business arrangements may be reached with any community, the Crown expects the Proponent to fulfill all of its delegated procedural consultation responsibilities to the satisfaction of the Crown.



If the Crown considers that there are outstanding issues related to consultation, the Crown may directly undertake additional consultation with communities, which could result in delays to the Project. The Crown reserves the right to provide further instructions or add communities throughout the consultation process.

### **Roles and responsibilities assumed directly by the Crown**

The role of the Crown in fulfilling any duty to consult and accommodate in relation to this Project includes:

- identifying for the Proponent, and updating as appropriate, the communities to consult for the purposes of fulfillment of the Crown duty;
- carrying out, from time to time, any necessary assessment of the extent of consultation or, where appropriate, accommodation, required for the project to proceed;
- supervising the aspects of the consultation process delegated to the Proponent;
- determining, in the course of Project approvals, whether the consultation of communities was sufficient;
- determining, in the course of Project approvals, whether accommodation of communities, if required, is appropriate and sufficient.

### **Consultation Record**

It is important to ensure that all consultation activities undertaken with communities are fully documented. This includes all attempts to notify or consult the community, all interactions with and feedback from the community, and all efforts to respond to community concerns. A complete consultation record is required in order to assess whether Aboriginal consultation and any necessary accommodation is sufficient. The consultation record should include, but not be limited to, the following:

- a list of the identified communities that were contacted;
- evidence that notices and Project information were distributed to, and received by, the communities (via courier slips, follow up phone calls, etc.). Where a community has been non-responsive to multiple efforts to contact the community, a record of such multiple attempts and the responses or lack thereof.
- a written summary of consultations with communities and appended documentation such as copies of notices, any meeting summaries or notes including where the meeting took place and who attended, and any other correspondence (e.g., letters and electronic communications sent and received, dates and records of all phone calls);
- responses and information provided by communities during the consultation process. This includes information on Aboriginal or treaty rights, traditional lands, claims, or cultural heritage features and information on potential adverse impacts on such Aboriginal or treaty rights and measures for avoiding, minimizing or mitigating potential adverse impacts to those rights; and

- a summary of the rights/concerns, and potential adverse impacts on Aboriginal or treaty rights or on sites of cultural significance (e.g. burial grounds, archaeological sites), identified by communities; how comments or concerns were considered or addressed; and any changes to the Project as a result of consultation, such as:
  - changing the Project scope or design;
  - changing the timing of proposed activities;
  - minimizing or altering the site footprint or location of the proposed activity;
  - avoiding impacts to the Aboriginal interest;
  - environmental monitoring; and
  - other mitigation strategies.

As part of its oversight role, the Crown may, at any time during the consultation and approvals stage of the Project, request records from the Proponent relating to consultations with communities. Any records provided to the Crown will be subject to the *Freedom of Information and Protection of Privacy Act*, however, may be exempted from disclosure under section 15.1 (Relations with Aboriginal communities) of the Act. Additionally, please note that the information provided to the Crown may also be subject to disclosure where required under any other applicable laws.

The contents of what will make up the consultation record should be shared at the onset with the communities consulted with and their permission should be obtained. It is considered a best practice to share the record with the community prior to finalizing it to ensure it is a robust and accurate record of the consultation process.

*APPENDIX B2:  
PROJECT CONTACT LIST*



**Enbridge Gas Inc.  
Selwyn Community Expansion Project - Agency Contact List**

TITLE	FIRST NAME	SURNAME	ORGANIZATION	DEPARTMENT	POSITION	ADDRESS	CITY/TOWN	POSTAL COD	TELEPHONE	FAX	E-Mail
<b>ELECTED OFFICIALS</b>											
	Dave	Smith	Constituency Office	Peterborough-Kawartha	MPP	1123 Water Street, Unit 4	Peterborough, ON	K9H 3P7	705-742-3777	705-742-1822	dave.smith@pc.ola.org
	Ferri	Michelle	Constituency Office	Peterborough-Kawartha	MP	417 Bethune Street, Suite 4	Peterborough, ON	K9H 3Z1	705-745-2108	705-741-4123	michelle.ferri@parl.gc.ca
<b>FEDERAL AGENCIES</b>											
	Sandro	Leonardelli	Environment and Climate Change Canada	Environmental Assessment Section- Environmental Protection Branch- Or	Manager	4905 Dufferin St.	Downsview, ON	M3H 5T4	416-739-5858		sandro.leonardelli@canada.ca
	Anjala	Puvananathan	Impact Assessment Agency of Canada	Ontario Regional Office	Director	55 York Street, Suite 600	Toronto	ON	M5J 1R7	416-952-1575	anjala.puvananathan@canada.ca
To whom it may concern			Transport Canada								EnviroOnt@tc.gc.ca
To whom it may concern			Fisheries and Oceans Canada	Fish and Fish Habitat Protection Program			Burlington, ON	L7S 1A1	1-855-852-8320		FisheriesProtection@dfo-mpo.gc.ca
<b>ONTARIO PIPELINE COORDINATING COMMITTEE</b>											
	Zora	Crnojacki	Ontario Energy Board	Ontario Pipeline Coordinating Committee	Project Advisor, Applications and Regulatory Audit	2300 Yonge Street, 26th Floor, PO Box 2319	Toronto, ON	M4P 1E4	416-440-8104	416-440-7656	Zora.Crnjacki@oeb.ca
	Helma	Geerts	Ministry of Agriculture, Food and Rural Affairs	Ontario Pipeline Coordinating Committee	Land Use Policy and Stewardship	1 Stone Road West, 3rd Floor, SE	Guelph, ON	N1G 4Y2	519-546-7423		Helma.Geerts@ontario.ca
	Karla	Barboza	Ministry of Heritage, Sport, Tourism, and Culture Industries	Ontario Pipeline Coordinating Committee	Heritage Planner, Heritage Planning Unit	400 University Avenue, 5th Floor	Toronto, ON	M7A 2R9	416-660-1027		karla.barboza@ontario.ca
	James	Hamilton	Ministry of Heritage, Sport, Tourism, and Culture Industries	Ontario Pipeline Coordinating Committee	Manager, Heritage Planning Unit	400 University Avenue, 5th Floor	Toronto, ON	M7A 2R9	416-995-8404		James.hamilton@ontario.ca
	Tony	DiFabio	Ministry of Transportation	Ontario Pipeline Coordinating Committee		301 St Paul Street, 2nd Floor	St. Catharines, ON	L2R 7R4	905-704-2656		Tony.DiFabio@ontario.ca
	Kouroush	Manouchehri	Technical Standards and Safety Authority	Ontario Pipeline Coordinating Committee		345 Carlingview Drive	Toronto, ON	M9W 6N9	416-734-3539	416-231-7525	kmanouchehri@tssa.org
	Keith	Johnston	Ministry of Northern Development, Mines, Natural Resources and	Ontario Pipeline Coordinating Committee	Land Use and Environmental Planning Section Environmental Planning Team Lead (Acting)	3rd Flr S, 300 Water Street	Peterborough	K9J 3C7	705-313-6960		Keith.Johnston@ontario.ca
	Michael	Elms	Ministry of Municipal Affairs and Housing	Ontario Pipeline Coordinating Committee	Manager, Community Planning and Development, Eastern Municipal Services Office	Rockwood House, 8 Estate Lane	Kingston, ON	K7M 9A8	613-545-2132		michael.elms@ontario.ca
	Jason	McCullough	Ministry of Energy, Northern Development and Mines	Ontario Pipeline Coordinating Committee	Senior Advisor, Indigenous Energy Policy Unit	6th Floor, 77 Grenville Street	Toronto, ON	M7A 2C1	416-626-2963		Jason.McCullough@ontario.ca
	Shannon	McCabe	Ministry of Energy, Northern Development and Mines	Ontario Pipeline Coordinating Committee	Senior Advisor, Indigenous Energy Policy Unit	6th Floor, 77 Grenville Street	Toronto, ON	M7A 2C1			shannon.mccabe@ontario.ca
	Ruth	Orwin	Ministry of the Environment, Conservation and Parks	Ontario Pipeline Coordinating Committee	Supervisor, Regional Contact Eastern, Air, Pesticides and Environmental Planning	133 Dalton Ave, PO Box 820	Kingston, ON	K7L 4X6	613-549-4000	613-548-6908	ruth.orwin@ontario.ca
	Debbie	Scanlon	Ministry of Environment, Conservation and Parks	Ontario Pipeline Coordinating Committee	Manager, Approvals Section	40 St. Clair Ave. W., 14th Floor	Toronto, ON	M4V 1M2	647-627-5917		sourceprotectionscreening@ontario.ca
	Cory	Ostrowka	Infrastructure Ontario	Ontario Pipeline Coordinating Committee	Environmental Specialist, Environmental Management	1 Dundas St West Suite 2000	Toronto ON	M5G 2L5	Mobile: 416-571-8294 Office: 647-264-3331		cory.ostrowka@infrastructureontario.ca
<b>PROVINCIAL AGENCIES</b>											
	Khalid	Khan	Ministry of Environment, Conservation and Parks			5776 Young St, 9th Flr	Toronto, ON	M2M 4J1			khalid.khan@ontario.ca
	Peter	Brown	Ministry of Environment, Conservation and Parks	Environmental Assessment Branch - Indigenous Consultation	Senior Aboriginal Consultation Advisor	135 St Clair Ave W, 1st Floor	Toronto, ON	M4V 1P5	416-314-0149		peter.brown@ontario.ca
To whom it may concern			Ministry of Environment, Conservation and Parks	Species at Risk Branch		40 St. Clair Ave. W., 14th Floor	Toronto, ON	M4V 1M2			SAROntario@ontario.ca
To whom it may concern			Ministry of Environment, Conservation and Parks	Eastern Region							eanotification_eregion@ontario.ca
	Cassandra	Young	Ministry of Environment, Conservation and Parks	Ontario Parks Branch	Assistant Park Planner				519-873-4630		cassandra.young2@ontario.ca
	Meghan	Pomeroy	Ministry of Environment, Conservation and Parks								Meghan.Pomeroy@ontario.ca
	Angela	Adkinson	Ministry of Environment, Conservation and Parks	Ontario Parks -Southeast Zone	Senior Park Planner				705-313-3619		Angela.Adkinson@ontario.ca
	Jon	Orpana	Ministry of Environment, Conservation and Parks	Environmental Assessment Branch - Eastern Region	EA & P Coordinator	1259 Gardiners Rd., PO Box 22032	Kingston, ON	K7M 8S5	613-548-6918	613-548-6098	jon.orpana@ontario.ca
	David	Bradley	Ministry of Environment, Conservation and Parks	Peterborough District	District Manager	300 Water Street, Robinson Place, S. Tower, 2nd Floor	Peterborough, ON	K9J 3C7	705-927-6165		david.bradley@ontario.ca
	Jacqueline	Fuller	Ministry of Environment, Conservation and Parks	Peterborough District			Peterborough, ON				Jacqueline.Fuller@ontario.ca
	Courtney	Redmond	Ministry of Environment, Conservation and Parks	Peterborough District			Peterborough, ON				Courtney.Redmond@Ontario.ca
	Peter	Makula	Ministry of Transportation	Engineering Office- Eastern Region	Manager	1355 John Counter Blvd, Postal Bag Box 4000	Kingston, ON	K7L 5A3	613-545-4754	613-540-5103	peter.makula@ontario.ca
	Michael	Helfinger	Ministry of Economic Development, Job Creation and Trade	Cabinet Office Liaison Unit-Policy Coordination Branch	Senior Policy Advisor	900 Bay St, 7th Floor, Hearst Block	Toronto, ON	M7A 2E1	416-325-6519	416-325-6534	michael.helfinger@ontario.ca
	Elizabeth	Spang	Ministry of Natural Resources and Forestry	Peterborough District	District Planner	300 Water St, South Tower, 1st Floor	Peterborough, ON	K9J 8M5	705-755-3360	705-755-3125	elizabeth.spang@ontario.ca
	Jocelyn	Beatty	Ministry of Agriculture, Food and Rural Affairs	Land Use Policy & Stewardship- Food Safety and Environmental Policy Branch- Elora Resource Centre	Rural Planner	6484 Wellington Road 7	Elora, ON	N0B 1S0	519-846-3405		jocelyn.beatty@ontario.ca
	Mary	Perry	Ministry of Energy, Northern Development and Mines	Strategic Support Unit	Manager (A)	933 Ramsey Lake Rd, Willet Green Miller Centre, 2nd Floor	Sudbury, ON	P3E 6B5	705-690-0026		mary.perry@ontario.ca
	Alexandre	Gitkow	Ministry of Transportation	Corridor Management Section - Eastern Region							Alexandre.Gitkow@ontario.ca
	Joanna	Brown	Infrastructure Ontario		Environmental Specialist	14 Gable Lane	Kingston, ON	K7M 9A7	343-302-7392		joanna.brown@infrastructureontario.ca
	Joseph	Harvey	Ministry of Tourism, Culture and Sport	Heritage Planning Unit Programs and Services Branch	Heritage Planner	402 Bay Street, Suite 1700	Toronto, ON	M7A 0A7			Joseph.Harvey@ontario.ca
To whom it may concern			Hydro One Networks Inc.								SecondaryLandUse@HydroOne.com
	Meaghan	Klassen	Ontario Provincial Police	Research and Program Evaluation Unit	Administrator	777 Memorial Avenue, 1st Floor	Orillia, ON	L3V 7V3	705-329-6256		meaghan.klassen@opp.ca
<b>GOVERNMENT REVIEW TEAM FOR ABORIGINAL INFORMATION</b>											
	Lise	Chabot	Ontario Ministry of Indigenous Affairs	Ministry Partnerships Unit	Manager	160 Bloor Street East, Suite 400	Toronto, ON	M7A 2E6	416-325-4044		lise.chabot@ontario.ca
	Caroline	Vachon	Crown-Indigenous Relations and Northern Affairs Canada	Treaties and Aboriginal Government	Correspondence Coordinator	10 Wellington Street	Gatineau, QC	K1A 0H4	819-360-2503	819-953-3246	caroline.vachon@canada.ca
<b>CONSERVATION AUTHORITIES</b>											
Mr.	Dan	Marinigh	Otonabee Conservation		Chief Administrative Officer / Secretary-Treasurer	250 Milroy Drive	Peterborough, ON	K9H 7M9	705-745-5791 ext. 222		dmarinigh@otonabeeconservation.com
Ms.	Jennifer	Clinesmith	Otonabee Conservation		Manager, Plan Review and Permitting Services	250 Milroy Drive	Peterborough, ON	K9H 7M9	705-745-5791 ext. 215		jclinesmith@otonabeeconservation.com
<b>INTEREST GROUPS/OTHER</b>											
To whom it may concern			Peterborough Field Naturalists			P.O. Box 1532	Peterborough, ON	K9J 7H7			info@peterboroughnature.org
	Joanna	Carragher	Peterborough Victoria Northumberland and Clarington Catholic District School Board		Director of Education / Secretary Treasurer	1355 Lansdowne St W	Peterborough, ON	K9J 7M3	705-748-4861 ext. 1224		jcarragher@pvnccdsb.on.ca
To whom it may concern			Conseil Scolaire Catholique MonAvenir	Administration		110 Drewry Avenue	Toronto, Ontario	M2M 1C8	416-397-6564 or 1-800-274-3764	416-397-6576	commentaires@cscmonavenir.ca
To whom it may concern			Kawartha Pine Ridge District School Board			1994 Fisher Drive	Peterborough, ON	K9J 6X6			kpr_info@kprdsb.ca
To whom it may concern			Ontario Federation of Snowmobile Clubs		OFSC District 2 Manager				613-478-5916		dist2@snowbase.ca
To whom it may concern			Buckhorn District Snowmobile Club		President		Thomasburg, ON	K0K 3H0	705-657-7373		buckhorn@district2ofsc.ca

**Enbridge Gas Inc.  
Selwyn Community Expansion Project - Municipal Contact List**

TITLE	FIRST NAME	SURNAME	ORGANIZATION	DEPARTMENT	POSITION	ADDRESS	CITY/TOWN	POSTAL CODE	TELEPHONE	E-Mail
<b>COUNTY OF PETERBOROUGH</b>										
	Sheridan	Graham	County of Peterborough		Chief Administrative Officer (CAO)	470 Water Street	Peterborough, Ontario	K9H 3M3	705-743-0380 ext. 2500	sgraham@ptbocounty.ca
	Grant	Murphy	County of Peterborough	Infrastructure	Director	471 Water Street	Peterborough, Ontario	K9H 3M3		info@ptbocounty.ca
	Iain	Mudd	County of Peterborough	Planning Department	Manager of Planning	472 Water Street	Peterborough, Ontario	K9H 3M3		planning@ptbocounty.ca
To whom it may concern			County of Peterborough	Public Works Department		310 Armour Road,	Peterborough, Ontario	K9H 1Y6		<a href="https://www.ptbocounty.ca/Modules/contact/search.aspx?s=V4DOum92F'sFAvuA7kbUBIQeQuAteQuAI">https://www.ptbocounty.ca/Modules/contact/search.aspx?s=V4DOum92F'sFAvuA7kbUBIQeQuAteQuAI</a>
<b>TOWNSHIP OF SELWYN</b>										
Councillor	Donna	Ballantyne	Township of Selwyn	Transportation and Housing	Councillor	724 Robinson Road	Ennismore, Ontario	K0L 1T0	705-292-7174	councillors@selwyntownship.ca
Deputy Mayor	Sherry	Senis	Township of Selwyn	Economic Development, Business Retention and Attraction, Planning and Building Client Services	Deputy Mayor	12 Charlton Court	Lakefield, ON	K0L 2H0	705-930-6202	councillors@selwyntownship.ca
Mayor	Andy	Mitchell	Township of Selwyn	Governance and Inter-Governmental Relations	Mayor	7 Laurence Court	Lakefield, ON	K0L 2H0	705-760-0578	councillors@selwyntownship.ca
Councillor	Gerry	Herron	Township of Selwyn	Public Works and Recreation	Councillor	1025 Nicholl's Blvd	Bridgenorth, ON	K0L 1H0	705-741-6595	councillors@selwyntownship.ca
Councillor	Anita	Locke	Township of Selwyn	Sustainability, Culture and Senior Services	Councillor	PO Box 270	Bridgenorth, ON	K0L 1H0	705-652-1086	councillors@selwyntownship.ca
	Rick	Dunford	Township of Selwyn	Public Works	Manager				705-292-9507 ext. 238	publicworks@selwyntownship.ca
	Mike	Richardson	Township of Selwyn	Recreation Services	Manager					recreation@selwyntownship.ca
Fire Chief	Gord	Jopling	Township of Selwyn	Fire Department	Fire Chief					fire@selwyntownship.ca

**Enbridge Gas Inc.  
Selwyn Community Expansion Project - Indigenous Communities Contact List**

TITLE	FIRST NAME	SURNAME	ORGANIZATION	DEPARTMENT	POSITION	ADDRESS	CITY/TOWN	ON	POSTAL CODE	PHONE NUMBER	FAX NUMBER	EMAIL
<b>COMMUNITIES LISTED ON THE LETTER OF DELEGATION (DATED JANUARY 18, 2022)</b>												
Councillor	Dave	Mowat	Alderville First Nation			11696 Line Rd 2	Roseneath	ON	K0K 2X0	905-352-2011		<a href="mailto:dmowat@alderville.ca">dmowat@alderville.ca</a>
	Dave	Simpson	Alderville First Nation							905-375-5480		<a href="mailto:consultation@alderville.ca">consultation@alderville.ca</a>
Chief	Emily	Whetung	Curve Lake First Nation		Chief	22 Winookeedaa Road	Curve Lake	ON	K0L 1R0	705-657-8045	705-657-8708	<a href="mailto:emilyw@curvelakefn.ca">emilyw@curvelakefn.ca</a>
Dr.	Julie	Kapyrka	Curve Lake First Nation	Lands and Resources Consultation	Resource Consultation	22 Winookeedaa Road	Curve Lake	ON	K0L 1R0	705.657.8045 ext 239		<a href="mailto:JulieK@curvelake.ca">JulieK@curvelake.ca</a>
	Kaitlin	Hill	Curve Lake First Nation									<a href="mailto:KaitlinH@curvelake.ca">KaitlinH@curvelake.ca</a>
Chief	Laurie	Carr	Hiawatha First Nation		Chief	431 Hiawatha Line	Hiawatha	ON	K9J 0E6	705-295-4421		<a href="mailto:chiefcarr@hiawathafn.ca">chiefcarr@hiawathafn.ca</a>
	Wanda	McGonigle	Hiawatha First Nation	Lands	Lands Officer	431 Hiawatha Line	Hiawatha	ON	K9J 0E6	705-295-4421 ext. 219		<a href="mailto:lands@hiawathafn.ca">lands@hiawathafn.ca</a>
	Tom	Cowie	Hiawatha First Nation	Core Consultation and Land Resource Development	Lands/Resource Consultation	431 Hiawatha Line	Hiawatha	ON	K9J 0E6	705-295-4421 ext. 216		<a href="mailto:tcowie@hiawathafn.ca">tcowie@hiawathafn.ca</a>
	Louis	Lesage	Huron Wendat		Director of the Nionwentsio Office	255 place Chef Michel Laveau	Wendake	QC	G0A 4V0	418-843-3826 ext. 2109		<a href="mailto:louis.lesage@cnhw.qc.ca">louis.lesage@cnhw.qc.ca</a>
Chief	Kris	Nahrhang	Kawartha Nishnawbe		Chief	257 Big Cedar Lake Road	Big Cedar	ON	K0L 2H0	705-930-1020		<a href="mailto:info@spiritofthestone.ca">info@spiritofthestone.ca</a>
Chief	Kelly	LaRocca	Mississaugaas of Scugog Island First Nation		Chief	22521 Island Road, RR#5	Port Perry	ON	L9L 1B6	905-985-3337, ext. 226	905-985-8828	<a href="mailto:klarocca@scugogfirsrnation.com">klarocca@scugogfirsrnation.com</a>
	Michael	Thomas	Mississaugaas of Scugog Island First Nation		Community Consultation Specialist	22521 Island Road, RR#5	Port Perry	ON	L9L 1B6	905-985-3337, ext. 229	905-985-8828	<a href="mailto:mthomas@scugogfirsrnation.com">mthomas@scugogfirsrnation.com</a>
<b>COMMUNITIES NOT LISTED ON THE LETTER OF DELEGATION</b>												
Chief	Joanne P.	Sandy	Beausoleil First Nation			11 O'Gemmaa Miikan	Christian Island	ON	L9M 0A9	705-247-2051	705-247-2239	<a href="mailto:jsandy@chimnissing.ca">jsandy@chimnissing.ca</a>
Chief	Donna	Big Canoe	Chippewas of Georgina Island		Chief	Box N-13, RR #2	Sutton West	ON	LOE 1R0	705-437-1337	705-437-4597	<a href="mailto:dbigcanoe@georginaisland.com">dbigcanoe@georginaisland.com</a>
	Natasha	Charles	Chippewas of Georgina Island		Community Consultation and Executive Assistant to Chief and Council	Box N-13, RR #2	Sutton West	ON	LOE 1R0	705-437-1337	705-437-4597	<a href="mailto:ncharles@georginaisland.com">ncharles@georginaisland.com</a>
Chief	Edward	Williams	Chippewas of Rama First Nation		Chief	5884 Rama Road, Suite 200	Rama	ON	L3V 6H6	705-325-3611	705-325-0879	<a href="mailto:chief@ramafirstnation.ca">chief@ramafirstnation.ca</a>
	Sharday	James	Chippewas of Rama First Nation		Community Consultation	5885 Rama Road, Suite 200	Rama	ON	L3V 6H6	705-325-3611 ext. 1633	705-325-0879	<a href="mailto:sharday@ramafirstnation.ca">sharday@ramafirstnation.ca</a>
To whom it may concern			Williams Treaties First Nations									<a href="mailto:inquiries@williamstreatiesfirsrnations.ca">inquiries@williamstreatiesfirsrnations.ca</a>

**Enbridge Gas Inc.**  
**Selwyn Community Expansion Project - Landowner and Public Contact List**

STAKEHOLDER GROUP	CORRESPONDENT	EMAIL	PHONE NUMBER	ADDRESS
Surrounding landowner	[REDACTED]	[REDACTED]@hotmail.com	Not provided	[REDACTED]
Surrounding landowner	[REDACTED] and [REDACTED]	[REDACTED]@icloud.com	Not provided	Not provided
Surrounding landowner	[REDACTED]	[REDACTED]@gmail.com	Not provided	Not provided
Surrounding landowner	[REDACTED]	[REDACTED]@persona.ca	[REDACTED]	[REDACTED] Selwyn, Ontario
Surrounding landowner	[REDACTED]	N/a	[REDACTED]	[REDACTED]
Surrounding landowner	[REDACTED]	[REDACTED]@bell.net	[REDACTED]	[REDACTED] Selwyn, Ontario
Surrounding landowner	[REDACTED]	[REDACTED]@nexicom.net	[REDACTED]	[REDACTED] Selwyn, Ontario

**Enbridge Gas Inc.**

**Selwyn Community Expansion Project - Virtual Information Session (VIS) Contact List**

SKATEHOLDER GROUP	CORRESPONDENT	ADDRESS	CITY/TOWN	PROVINCE	EMAIL	TELEPHONE
Surrounding landowner/Resident interested in natural gas conversion	[REDACTED]	[REDACTED]	Selwyn	Ontario	[REDACTED]@hotmail.com	[REDACTED]
Surrounding landowner/Resident interested in natural gas conversion	[REDACTED]	[REDACTED]	Selwyn	Ontario	[REDACTED]@nexicom.net	[REDACTED]
Surrounding landowner/Resident interested in natural gas conversion	[REDACTED]	[REDACTED]	Selwyn	Ontario	[REDACTED]@gmail.com	[REDACTED]
Interested citizen/Member of interest group	[REDACTED]	[REDACTED]	Selwyn	Ontario	[REDACTED]@rethinkgroup.ca	[REDACTED]
Concerned nearby resident	[REDACTED]	Not provided	Not provided	Not provided	Not provided	Not provided
Surrounding landowner/Resident interested in natural gas conversion	[REDACTED]	[REDACTED]	Selwyn	Ontario	[REDACTED]@bell.net	[REDACTED]



*APPENDIX B3:  
NEWSPAPER NOTICE TEAR SHEETS*



# Selwyn gets new manager of building and planning

Continued from page 1

This means the building and planning department will see many changes come through Lamarre's retirement process.

Township council approved two new positions for the department, a junior planner to help with delivering planning in a better way, being more proactive, and a new by-law enforcement officer to help with proactive by-law enforcement.

They also created the position of deputy chief building official which has the responsibility in dealing with the building permit application process.

Most importantly the township will be replacing Lamarre with Kelly who will be coming into the position as manager of building and planning for the Township of Selwyn with over 10 years of municipal experience.

"So I'm coming in with a little over 10 and a half years of municipal experience with about seven and a half of those years in progressive management in the municipal sector," Kelly told the *Herald*. "And in addition to that, I've spent about six years as a construction supervisor, where I've built over 600 houses, I spent some time in estimating and contract coordination for a large concrete firm in the GTA, and I've got quite a number of years as a designer. So I think I bring quite a wide perspective and experience into the position."

Kelly has a background as a deputy chief building official taking care of supervisory responsibilities as well as

chief building official where he held responsibilities for building and planning as well as source water protection, by-law enforcement and licensing.

Kelly also said that he has experience working with many different types and sizes of municipalities ranging from population sizes of about 7,000 to 45,000.

"So I'm very excited to be here with the township. I mean it is an absolutely beautiful area and there's exciting things happening here with Lakefield South being developed. I'm just learning some of the history and I'm getting reacquainted with some of the responsibilities I'm taking on and just trying to take as much knowledge as I can, especially while I've still got Rob here on a daily basis. I'm just excited in general for the whole experience. I've got an incredible staff that are working for us here and I'm just excited to see things develop and to take the role on."

In his new role, Kelly will also be taking on Lamarre's role as staff liaison of the Heritage Committee and although he does not have direct experience sitting on the board of a heritage committee, he said that he has a good understanding of the Heritage Act and has sat in on meetings in the past.

Robert Lamarre's last day with the township will be Jan. 28, 2022. Residents looking to contact Robert Kelly can do so via email at [rkelly@selwyn-township.ca](mailto:rkelly@selwyn-township.ca).

## Riverview Park and Zoo

### announces death of two-toed sloth

It is with great sadness that the staff of Riverview Park and Zoo announce the death of our male Two-Toed Sloth. Ferrari came to the Park and Zoo from the Calgary Zoo in the summer of 2013, following the devastating Calgary flood. With his easy-going nature, quirky looks and charming behavior, Ferrari was very popular

with our visitors.

We were very fortunate as Ferrari had a long life with many years of good health. Recently however, our Animal Health Team had been monitoring him closely as his condition had started to deteriorate somewhat. He then took a sudden turn for the worse and unfortunately passed away despite our best

efforts. Ferrari was very engaging, approachable, and special to many of our staff.

Ferrari died from the complications arising from several age-related conditions. He was thirty-two years old.

We would like to thank our staff and Dr. John Sallaway for their assistance with Ferrari's ongoing treatment and care.



Do you know someone between the ages of 6 - 17 who is making a difference within their community? Nominate them for an

**ONTARIO JUNIOR CITIZEN AWARD**  
DEADLINE IS FEBRUARY 11, 2022

Nomination forms are available from this newspaper, and at [www.ocna.org/juniorcitizen](http://www.ocna.org/juniorcitizen). Email [jr.citizen@ocna.org](mailto:jr.citizen@ocna.org) for more information.

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## ENBRIDGE GAS INC. NOTICE OF STUDY COMMENCEMENT AND VIRTUAL INFORMATION SESSION

### Selwyn Community Expansion Project

Enbridge Gas Inc. (Enbridge Gas) is proposing to construct the Selwyn Community Expansion Project to supply the community in the Township of Selwyn with affordable natural gas (the "Project"). The Project will involve the construction of up to approximately 8.4 kilometers (km) of 2- and 6-inch Nominal Pipe Size (NPS) natural gas pipeline to be located primarily in the road allowance of 8th Line. The proposed route will tie into the existing Enbridge Gas system at the intersection of 8th Line and Selwyn Road and will travel east to the terminal tie-in point at 8th Line and Buckhorn Road.



The proposed route has been developed for purposes of an assessment of potential environmental and socioeconomic impacts and does not represent the final Project scope / design that will provide access to natural gas to end-use customers.

To accommodate the increased supply of natural gas, the Project may also involve the rebuild of an Existing Enbridge Station at Ward Street and Bridge Street, in Bridgenorth, Ontario.

Consultation with Indigenous communities; and engagement with landowners, government agencies, the general public, and other interested persons is an integral component of the planning process. As a result of the health risks associated with in-person gatherings and physical distancing requirements set out by the Province of Ontario due to COVID-19, a Virtual Information Session will be held in place of an in-person Information Session.

**The Virtual Information Session will be available for two weeks starting on February 3, 2022, and finishing on February 22, 2022, at <https://solutions.ca/SelwynEA>.** If you are unable to log onto the Virtual Information Session between February 3rd and February 22nd, please dial **(226) 980-5347** and leave a detailed message with your contact information and a Project representative will respond as soon as possible.

A copy of the Virtual Information Session story boards will be available for viewing on the Enbridge Gas project website provided below. A questionnaire will be available as part of the Virtual Information Session, and you will have the opportunity to provide comments and/or questions about the proposed Project. Input received during the Virtual Information Session will be used to inform the selection of the Preferred Route and to develop site-specific environmental protection and mitigation measures for the Project.

As part of the planning process, Enbridge Gas has retained Stantec Consulting Ltd. (Stantec) to undertake an Environmental Study for the Project. The Environmental Study will fulfill the requirements of the Ontario Energy Board's (OEB) "Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)". It is anticipated that an Environmental Report for the study will be completed in Spring 2022, after which Enbridge Gas will file an application to request an OEB leave to construct (LTC) for the Project. Should the OEB find the Project to be in the public's interest, construction is anticipated to commence in Q4 2022.

**For any questions or comments regarding the Environmental Study or the proposed Selwyn Community Expansion Project, please reach out to:**

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Email: [SelwynEA@stantec.com](mailto:SelwynEA@stantec.com)

Or visit the project website at: <https://www.enbridgegas.com/selwyn>



# Humane Society terminates agreements with municipalities

Continued from page 1

Alana Solman, Chief Administrative Officer (CAO) for the Township of North Kawartha said, “I was quite surprised, especially during COVID-19 and considering that we have had a long standing relationship with them and a few years earlier, the Township did not argue when PHS negotiated and more than tripled the monthly fees (back in 2015). PHS never advised the Township of any concerns or issues with the existing agreement. It was working very well.”

Solman, along with Trent Lakes CAO, Donna Teggart, and Douro Dummer CAO, Elana Arthurs said that they were absolutely not made aware that deciding not to include the donation in their budget would result in termination of their agreement.

“It was a request for a donation towards the new facility, outside of our agreement,” Solman said. “It was a difficult year for budget deliberations and our intention was to keep the budget increases as low as possible as there are many people still recovering financially from the impact of the pandemic.”

After the *Herald* had made multiple attempts to set up an interview with PHS, Shawn Morey, executive director for PHS sent a statement which read in part, “After the most recent round of discussions, the Society was once again denied support and an unwillingness by a number of Municipalities to invest in animal wellness for their Municipality, which includes the provision of poundkeeping services for the contracted Municipalities that the Society provided. Although a difficult decision, the Society finds itself in a position where it needs to be aligned with its service partners, and as such, termination of the current service agreement was provided... A multitude of factors went into the consideration and termination of the current agreements that were held with the affected Municipalities, including the fees obtained from the service agreements versus increased expenses to the Society for the current service provisions. The Society needs to be continuously mindful of its long-term sustainability, which led to the Society’s decision to review its current service offerings. Termination of

the current model agreement was in-line with this decision and an offer to enter into a new agreement was extended.”

The PHS did not answer any specific questions the *Herald* had in regards to this issue.

For North Kawartha to have included their requested donation in their 2022 budget would have meant an approximate one per cent increase dollar over dollar in their budget.

Selwyn Township was the only municipality not to receive a letter of termination. Their council did decide to include a \$50,000 donation to the PHS in their 2022 budget.

Janice Lavalley, CAO for Selwyn stated that “this matter does not impact Selwyn and therefore it would not be appropriate for the Township to provide comment on the situation.”

Arthurs said that Douro-Dummer has since had their letter rescinded.

“One of our staff people had reached out to Shawn (at PHS) and had a conversation about the letter and the concern we had with the quick turn around and the ability to put something in place. So we did have some conversations with the humane society staff and indicated that we will definitely look at the contract, we are happy to try and work with them, but at the same time we are going to look at all of our options.”

So although Douro-Dummer was one of the three townships to receive a letter of termination, due to conversations between township staff and PHS, the current agreement with Douro-Dummer is still in place and has not changed.

As per their agreements each municipality pays a monthly fee of \$500 to PHS for services and enforcement regardless if they have any calls or not. On top of that monthly fee the PHS charges additional fees for their services including \$200 impound fee \$27 per hour officer response and millage coverage at 54 cents per kilometre.

Trent Lakes and North Kawartha now has until March 14, which is 60 days from the date the letter was issued, to find alternative animal control methods or negotiate a new contract with PHS.

All three municipalities will be looking at their options and bringing back suggestions for their respective councils.

# New Draft Official Plan for Peterborough County Released

A requirement of the County Planning Department was to undertake a Municipal Comprehensive Review of the existing Official Plan and to complete a Growth Plan conformity exercise. Peterborough County Council received the release of the new draft of the Official Plan, (OP) at the Wednesday, January 19, 2022 Council Meeting. “The Official Plan was largely developed by creating consistencies between local Municipalities”, said Bryan Weir, Director, Planning and Public Works. “Through land use designations and mapping, and then refining the policies to reflect

provincial legislation and local context, this new draft plan will serve the County and most of the Townships and is now available for public review and comment”.

The County Official Plan provides direction and guidance on how land in the County of Peterborough will be used and provides policy to ensure that future development will meet the needs of the community. Currently it also functions as the lower tier Official Plan for four local municipalities.

In 2017, the County initiated the development of a new Official Plan; one that is more user-friendly

and meets both Provincial and local directives. Is being developed with input from County and Township Councils, public agencies, and members of the public.

The draft is available online, notification has been sent to subscribers of the webpage and those who have requested to receive notice.

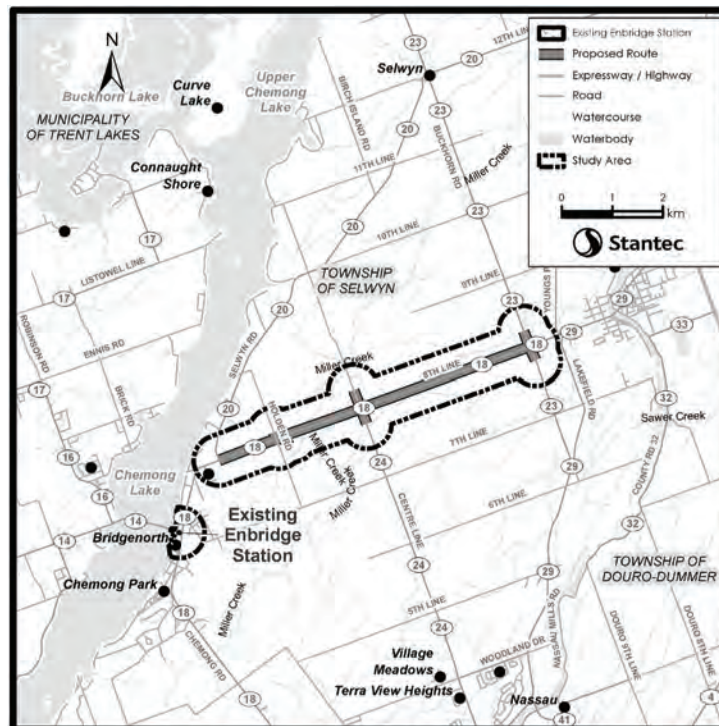
If you have any comments or questions, send them to [newcountyop@ptbocounty.ca](mailto:newcountyop@ptbocounty.ca)

You can find the full Draft County Official Plan, detailed Land Use Schedules, Report to Council in digital or printable format on our website.

## ENBRIDGE GAS INC. NOTICE OF STUDY COMMENCEMENT AND VIRTUAL INFORMATION SESSION

### Selwyn Community Expansion Project

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The proposed route has been developed for purposes of an assessment of potential environmental and socioeconomic impacts and does not represent the final Project scope / design that will provide access to natural gas to end-use customers.

To accommodate the increased supply of natural gas, the Project may also involve the rebuild of an Existing Enbridge Station at Ward Street and Bridge Street, in Bridgenorth, Ontario.

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**The Virtual Information Session will be available for two weeks starting on February 3, 2022, and finishing on February 22, 2022,** at <https://solutions.ca/SelwynEA>. If you are unable to log onto the Virtual Information Session between February 3rd and February 22nd, please dial **(226) 980-5347** and leave a detailed message with your contact information and a Project representative will respond as soon as possible.

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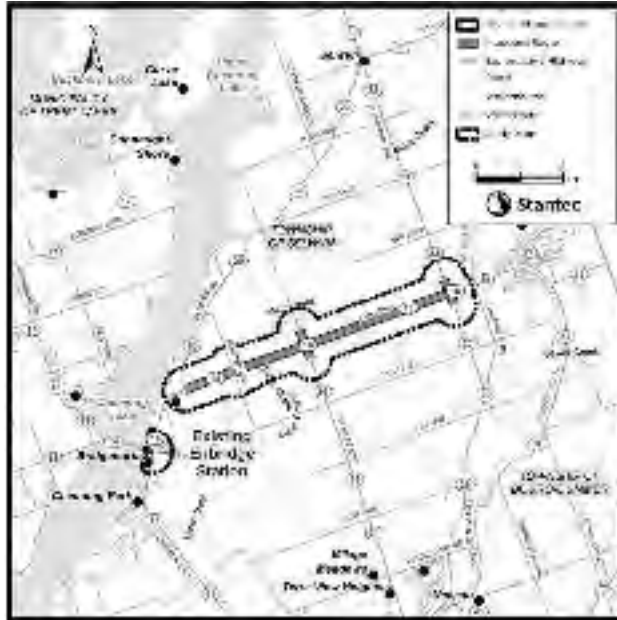
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## NEWS

# 'I UNDERSTAND THIS IS JUST ONE HOSPITAL'

Continued from page 1

more?"

On Dec. 11, Dakin and a few friends were just back from a restaurant dinner when she collapsed inside the door to her home. Just over a month later, speaking to Peterborough This Week from her hospital bed, she says she's had to rely on those friends for details because her memory of the incident has been wiped clean.

"They filled me in that I went home, and everything was fine, and I was with my roommates, my boyfriend... We were just in the front hall of our house chatting and I sat down on the stairs to take my shoes off. And then I just stopped engaging in the conversation."

They told her she had slumped over and was mumbling incoherently. Only five minutes from the hospital, her friends quickly took her to the emergency room.

The next thing she remembers is lying in a hospital bed surrounded by many masked faces that she couldn't understand. Doctors say it was a stroke-like incident. She's undergoing testing for a number of possible causes, including Multiple Sclerosis.

"I've had to relearn how to talk, work through a stutter, work with strategies to find my words and avoid saying the wrong ones, and push through the embarrassment of not knowing simple objects like a key."

Her nurses, she says, have been wonderful, and that's likely grossly understated. They've gone to extremes for her - possibly breaking a few rules simply out of compassion - but Dakin says it's so clear just

how overwhelmed they all are.

"The hospital staff cannot provide adequate care (but) it isn't their fault. They don't agree with the rules... they aren't OK with this, but their hands are tied. The nurses are overworked and burnt out, but that's from a lack of nurses and poor working conditions, not because every bed is taken up with a patient dying from COVID-19."

Some of Dakin's experiences during her hospital stay have been horrific, but she says it's got to be like that for hundreds of others going through the same thing at PRHC right now.

The conditions have made that comparison difficult for her to compare stories. The isolation has been particularly hard on her.

"Besides the lack of human contact, I wasn't supposed to be allowed to shower until I was out of isolation because I use the shower room across the

hallway. My room has a tub, but there is no hot water, and the nurses can't see through all their PPE to help me shower. How much dignity for others has the world lost when a nurse has to put her licence, her job, her income, her means of survival, on the line to sneak me 10 steps across the hall to a shower room," she says.

"This was only after I begged for a shower after six days of no shower and I had woke up in a puddle of period blood. The nurse really had to hold me while I cried, and accept that she could lose everything she worked for, just to let me shower so I wouldn't sit in period blood for days... And now, unless I purposefully cover myself in period

blood again and risk another nurse's job, I don't get to shower again until I'm out of this never-ending isolation."

This past Monday, she learned she would be moving from isolation in two more days. Then she learned it would be extended until Friday, putting her eight days without a shower. And it may be extended again."

The emotional effects of all this have taken a huge toll on her.

"Imagine you're dealing with all this and then you're forced into isolation," she says. "A nurse that handed you a cup of medication has contracted COVID-19." That was her experience. "You must be isolated from everyone for 10 days. You receive a negative COVID test but that makes no difference."

Dakin has been fully vaccinated, including a booster, but it's made no difference to her isolation requirements.

"The nurse that was my contact with COVID can come back to work after five days even if they are still positive and be my nurse again. But that doesn't matter, still 10 days for me negative or not."

And she says if they come back to work positive or another nurse tests positive, she gets another 10 days of isolation, stuck in her ward room.

The isolation has also delayed a lot of the physiotherapy she needs to recover, and it will likely delay her release beyond the end of January. Or worse... it could mean going home in a wheelchair without getting that physiotherapy at all.

"I understand this is just one hospital, but this is my reality," she says.

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ensure that women and children  
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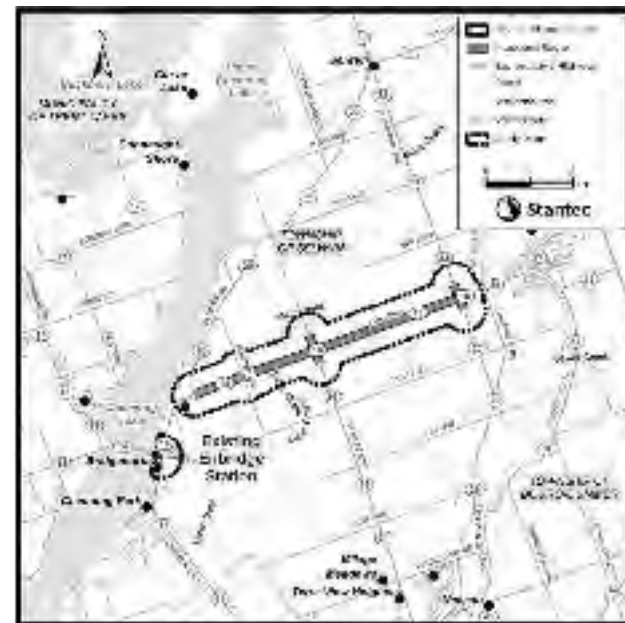
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*APPENDIX B4:  
NOTIFICATION LETTERS*







Stantec Consulting Ltd.  
300W-675 Cochrane Drive, Markham ON L3R 0B8



January 18, 2022

«FIRST\_NAME» «SURNAME»  
«POSITION»  
«ORGANIZATION»  
«ADDRESS»  
«CITYTOWN» «POSTAL\_CODE»

Dear «FIRST\_NAME» «SURNAME»,

**Reference: Enbridge Gas Inc. – Selwyn Community Expansion Project, Notice of Study Commencement and Virtual Information Session**

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As an agency with jurisdiction or a potential interest in developments in the Study Area defined in the attached Figure, you are invited to provide or coordinate comments regarding the proposed Project. Specifically, Stantec is seeking information regarding planning principles or guidelines implemented by your agency that may affect routing, construction, and/or operation of the proposed Project. Stantec is also seeking collection of primary and secondary data to help compile an environmental and socio-economic inventory in the Study Area on Figure. These sources of data will include a Stage 1 and 2 Archaeological Assessment, a Cultural Heritage Assessment, and a windshield survey.

To support the assessment process, we also request you share information regarding other proposed developments in the Study Area. This information will be incorporated into the Environmental Study and related report as a component of the cumulative effects assessment. **Please contact us to discuss the most efficient way to obtain this information.**

January 18, 2022

«FIRST\_NAME» «SURNAME»

Page 2 of 2

Reference: Enbridge Gas Inc. – Selwyn Community Expansion Project, Notice of Study Commencement and Virtual Information Session

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Input received during the Virtual Information Session will be used to inform the selection of the Preferred Route and to develop site specific environmental protection or mitigation measures for the Project.

We kindly request that input and comments regarding the Project are provided by **February 28, 2022**.

If you have questions or comments regarding the Selwyn Community Expansion Project, please do not hesitate to contact the undersigned.

Yours truly,

**ENBRIDGE GAS INC.**



**Sonia Fazari**

Senior Advisor, Municipal & Stakeholder Engagement

Enbridge Gas Inc.

Phone: 416-762-9153

sonia.fazari@enbridge.com

Attachment: Figure 1 – Study Area

c. George Tatolis, Advisor Environmental, Enbridge Gas Inc.  
Kayla Ginter, Stantec Consulting Ltd.





Stantec Consulting Ltd.  
300W-675 Cochrane Drive, Markham ON L3R 0B8



January 18, 2022

Attention: «TITLE» «FIRST\_NAME» «SURNAME», «POSITION»  
«ORGANIZATION»  
«ADDRESS»  
«CITYTOWN» «POSTAL\_CODE»  
«EMAIL»

Dear «TITLE» «FIRST\_NAME» «SURNAME»,

**Reference: Enbridge Gas Inc. – Selwyn Community Expansion Project, Notice of Study Commencement and Virtual Information Session**

I am writing to advise you of an upcoming proposed natural gas pipeline project in the Township of Selwyn, in the Williams Treaties Traditional Territory.

Enbridge Gas Inc. (Enbridge Gas) is proposing to construct the Selwyn Community Expansion Project to supply the community in the Township of Selwyn with affordable natural gas (the “Project”). The Project will involve the construction of up to approximately 8.4 kilometers (km) of 2- and 6-inch Nominal Pipe Size (NPS) natural gas pipeline to be located primarily in the road allowance of 8<sup>th</sup> Line.

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Stantec is presently compiling an environmental, socio-economic, and archaeological/cultural heritage inventory of the Study Area defined in the attached Figure. As an Indigenous community with a potential interest in the Study Area, we are inviting «ORGANIZATION» to provide comments and feedback regarding the proposed Project. Specifically, we are seeking information about areas that may be culturally significant to your community in the established Study Area and information about potential impacts that the Project may have on asserted or established Aboriginal and treaty rights, and any measures for mitigating those adverse impacts.

Reference: Enbridge Gas Inc. – Selwyn Community Expansion Project, Notice of Study Commencement and Virtual Information Session

As part of the Environmental Study, Enbridge Gas is also in the process of contacting the following agencies:

- Indigenous and Northern Affairs Canada; and
- Ministry of Indigenous Affairs.

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Enbridge Gas is committed to meaningful engagement with Indigenous communities. As such, we would be interested in holding a conference call with the «ORGANIZATION» to share Project related information, should you wish. If you have any questions, would like to provide feedback, share knowledge, or would be interested in setting up a briefing on this Project please feel free to contact me directly. We look forward to engaging with the «ORGANIZATION» to ensure your interests are being considered and represented.

We kindly request that initial input and comments regarding the Project are provided by your community by **February 28, 2022**. Please let us know if you are unable to respond by this date but are interested in participating in the consultation process for the Project.

If you have questions or concerns regarding the Project, please do not hesitate to contact me directly.

Regards,

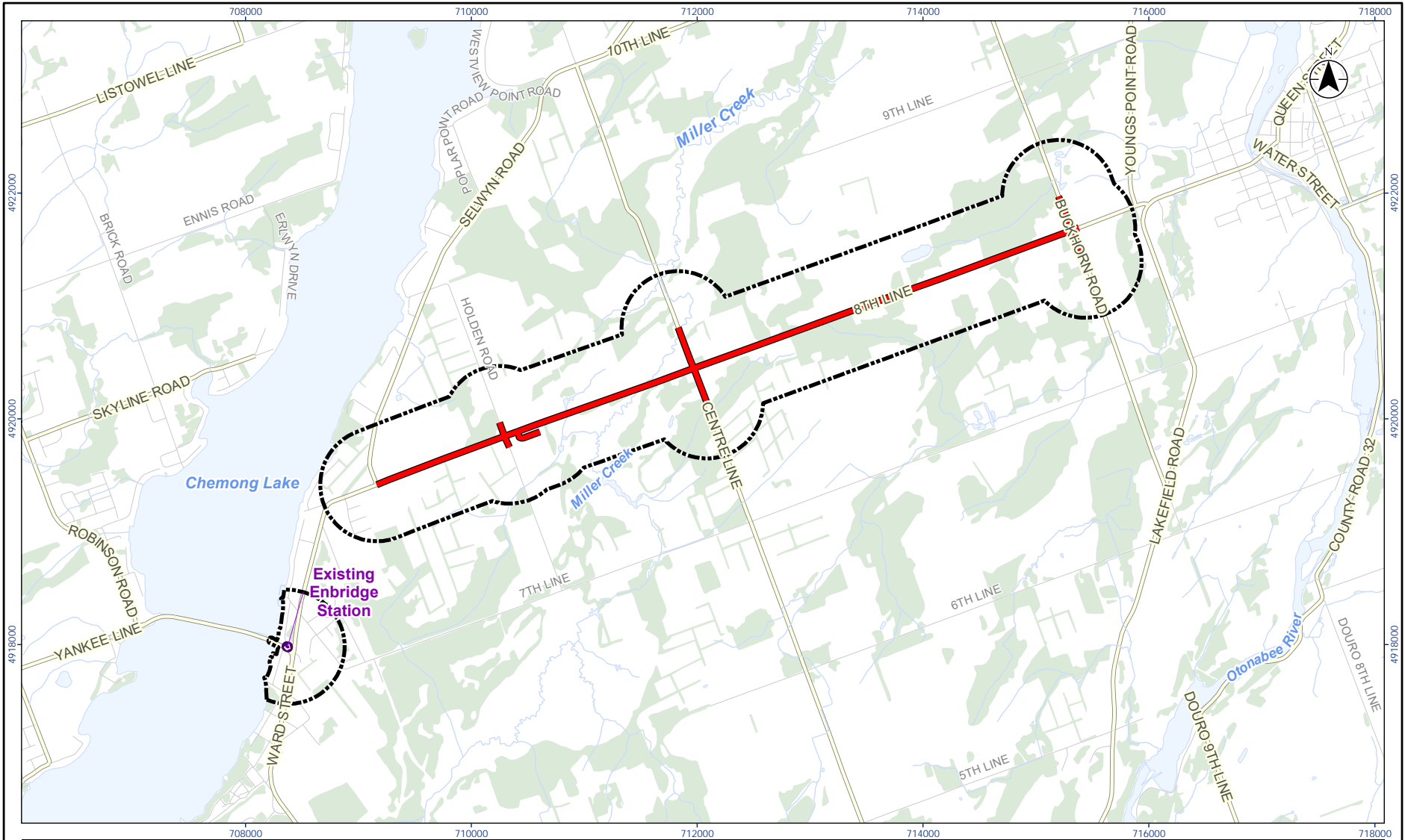
**ENBRIDGE GAS INC.**



**Matthew Chegahno**  
Advisor, Community & Indigenous Engagement  
Enbridge Gas Inc.  
Phone: 519-502-3570  
[matthew.chegahno@enbridge.com](mailto:matthew.chegahno@enbridge.com)

Attachment: Figure 1 – Study Area

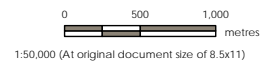
c. George Tatolis, Advisor Environmental, Enbridge Gas Inc.  
Kayla Ginter, Stantec Consulting Ltd.



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 Revised: 2021-12-23 By: seanes



- Legend**
- Existing Enbridge Station
  - Wooded Area
  - Waterbody
  - Proposed Route
  - Watercourse
  - Study Area
  - Major Road
  - Minor Road



**Notes**

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2021.

Project Location: Township of Selwyn  
 160951299 REVA  
 Prepared by SPE on 2021-12-23

Client/Project: ENBRIDGE GAS INC. PROPOSED NATURAL GAS PIPELINE TO SERVE THE COMMUNITY OF SELWYN

Figure No.: 1  
 Title: Study Area



Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.



Stantec Consulting Ltd.  
300W-675 Cochrane Drive, Markham ON L3R 0B8



January 17, 2022

Dear Landowner / Resident

**Reference: Enbridge Gas Inc. – Selwyn Community Expansion Project, Notice of Study Commencement and Virtual Information Session**

Enbridge Gas Inc. (Enbridge Gas) is proposing to construct the Selwyn Community Expansion Project to supply the community in the Township of Selwyn with affordable natural gas (the “Project”). The Project will involve the construction of up to approximately 8.4 kilometers (km) of 2- and 6-inch Nominal Pipe Size (NPS) natural gas pipeline to be located primarily in the road allowance of 8<sup>th</sup> Line.

The proposed route will tie into the existing Enbridge Gas system at the intersection of 8<sup>th</sup> Line and Selwyn Road and will travel east to the terminal tie-in point at 8<sup>th</sup> Line and Buckhorn Road. The proposed route has been developed for purposes of an assessment of potential environmental and socioeconomic impacts and does not represent the final project scope / design that will provide access to natural gas to end-use customers.

To accommodate the increased supply of natural gas, the Project may also involve the rebuild of an Existing Enbridge Station at Ward Street and Bridge Street, in Bridgenorth, Ontario. For further details, please refer to the attached Figure.

**You are receiving this letter because the proposed route is in proximity to your property.**

As part of the planning process, Enbridge Gas has retained Stantec Consulting Ltd. (Stantec) to undertake an Environmental Study for the Project. The Environmental Study will fulfill the requirements of the Ontario Energy Board’s (OEB) “*Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)*”.

An Environmental Report, summarizing the results of the Environmental Study, will accompany Enbridge Gas’ application to the OEB requesting a leave to construct (LTC) for the Project. It is anticipated that the Environmental Report will be completed in Spring 2022, after which Enbridge Gas will file the LTC application. Should the OEB find the Project to be in the public’s interest, construction is anticipated to commence in Q4 2022.

Consultation with Indigenous communities; and engagement with landowners, government agencies, the general public, and other interested persons is an integral component of the planning process. As a result of the health risks associated with in-person gatherings and physical distancing requirements set out by the Province of Ontario due to COVID-19, a Virtual Information Session will be held in place of an in-person Information Session.

Input received during the Virtual Information Session will be used to inform the selection of the Preferred Route and to develop site specific environmental protection or mitigation measures for the Project.

Reference: Enbridge Gas Inc. – Selwyn Community Expansion Project, Notice of Study Commencement and Virtual Information Session

The Virtual Information Session will be available for two weeks starting on **February 3, 2022**, and finishing on **February 22, 2022**, at <https://solutions.ca/SelwynEA>.

A questionnaire will be available as part of the Virtual Information Session, and you will have the ability to submit comments and/or questions about the proposed Project. In addition, a copy of the Virtual Information Session story boards will be available on the Enbridge Gas project website at: <https://www.enbridgegas.com/selwyn>

We kindly request that input and comments regarding the Project are provided by **February 28, 2022**.

Please feel free to share this letter with your neighbours. If you are a landowner, it would also be appreciated if this letter could be shared with your tenants.

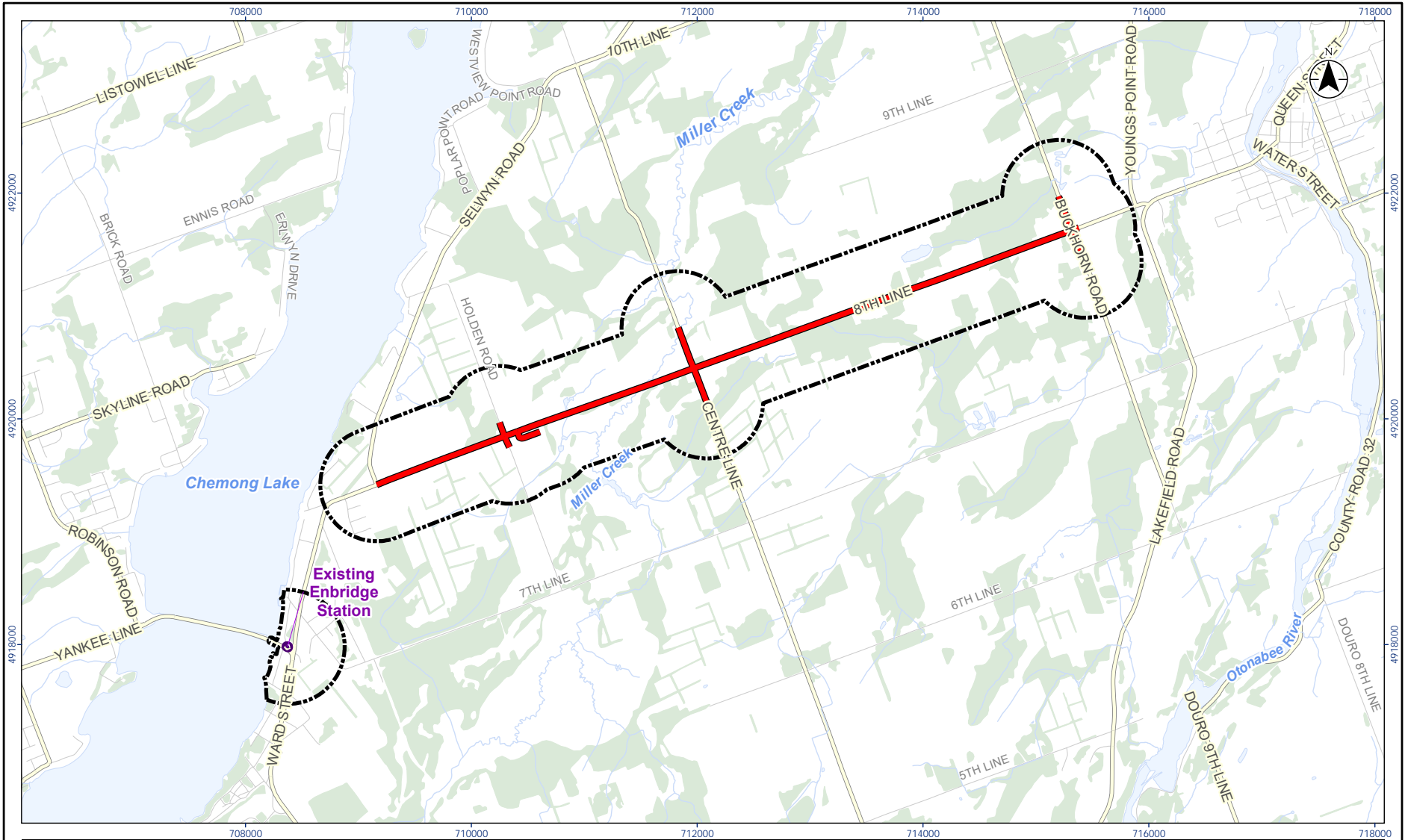
Regards,

**Stantec Consulting Ltd.**

**Kayla Ginter** Environmental Coordinator, Assessment and Permitting  
Environmental Coordinator, Assessment and Permitting  
Direct: 226-980-5347  
[Kayla.Ginter@stantec.com](mailto:Kayla.Ginter@stantec.com)

Attachment: Figure 1 – Study Area

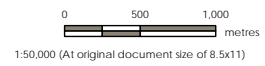
- c. George Tatolis, Advisor Environmental, Enbridge Gas Inc.  
Sonia Fazari, Sr. Advisor Municipal and Stakeholder Engagement, Enbridge Gas Inc.



\\CD1215-F01\Work\_Group\016095\Active\160951299\03\_data\gis\_cad\gis\_vmx\gis\_vmx\gis\_vmx\160951299\_Noc\_letter.mxd Revised: 2021-12-23 By: seanes



- Legend**
- Existing Enbridge Station
  - Proposed Route
  - Study Area
  - Major Road
  - Minor Road
  - Wooded Area
  - Waterbody
  - Watercourse



**Notes**  
 1. Coordinate System: NAD 1983 UTM Zone 17N  
 2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2021.

Project Location: Township of Selwyn  
 160951299 REVA  
 Prepared by SPE on 2021-12-23

Client/Project: ENBRIDGE GAS INC. PROPOSED NATURAL GAS PIPELINE TO SERVE THE COMMUNITY OF SELWYN

Figure No.: 1  
 Title: Study Area



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*APPENDIX B5:  
VIRTUAL INFORMATION SESSION  
MATERIALS*







# Selwyn Community Expansion Project Virtual Information Session

*Presented on behalf of Enbridge Gas*





# Selwyn Community Expansion Project

## Virtual Information Session | Presented on behalf of Enbridge Gas



### Welcome

Thank-you for viewing the Virtual Information Session for the Selwyn Community Expansion Project.

- To navigate through the presentation, press the next button to move forward and the return button to view the previous slide.
- You can mute the audio at any time by pressing the speaker icon.
- The presentation slides as well as the audio script are available for download (see the Resources tab in the top right corner).
- Questions and comments can be submitted using the questionnaire found in the Resources tab.
- If you would like to receive future Project updates, please complete the Contact Information section of the questionnaire.

### Our commitment

- Enbridge Gas is committed to involving Indigenous communities, agencies, interest groups, and community members.
- We will provide up-to-date information in an open, honest, and respectful manner, and will carefully consider your input.
- Enbridge Gas provides safe and reliable delivery of natural gas to more than 3.8 million residential, commercial, and industrial customers across Ontario.
- Enbridge Gas is committed to environmental stewardship and conducts its operations in an environmentally responsible manner.



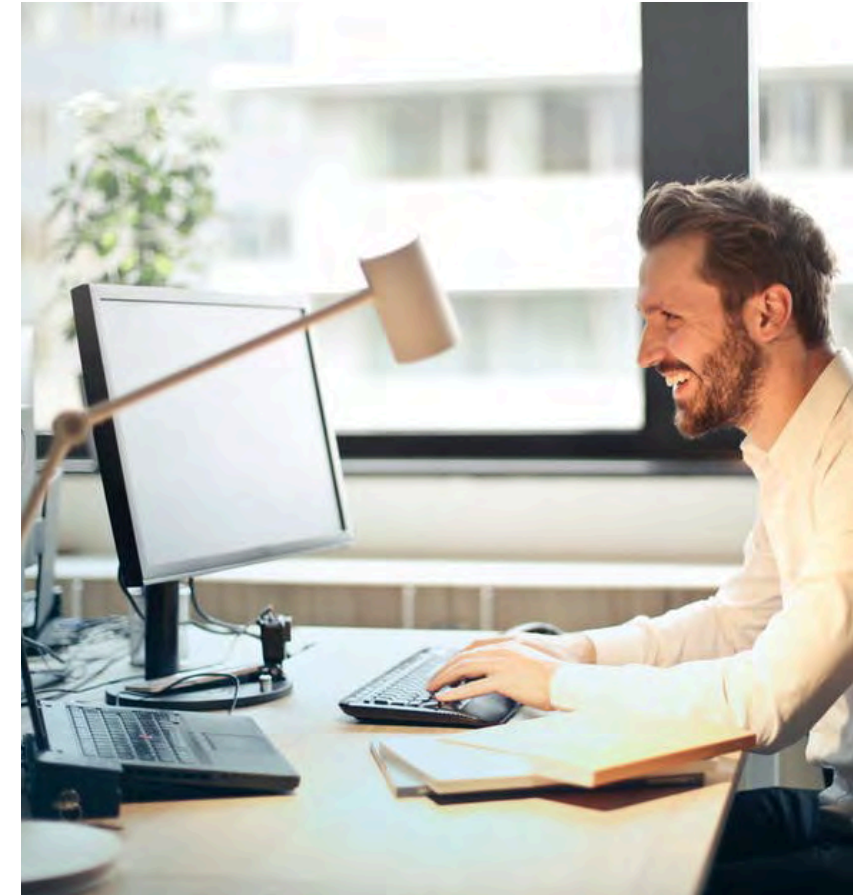
# Selwyn Community Expansion Project

## Virtual Information Session | Presented on behalf of Enbridge Gas



### Purpose of the Virtual Information Session

- Provide a safe alternative to an in-person meeting due to current health risks associated with in-person gatherings and physical distancing requirements set out by the Province of Ontario and the Government of Canada.
- Consult with Indigenous communities, and engage with members of the public, and regulatory authorities regarding the proposed pipeline route, potential impacts, and proposed mitigations.
- Provide an opportunity for these individuals and affected landowners and the general public to review the proposed Project, ask questions, and/or provide comments to representatives from Enbridge Gas and Stantec.



# Selwyn Community Expansion Project

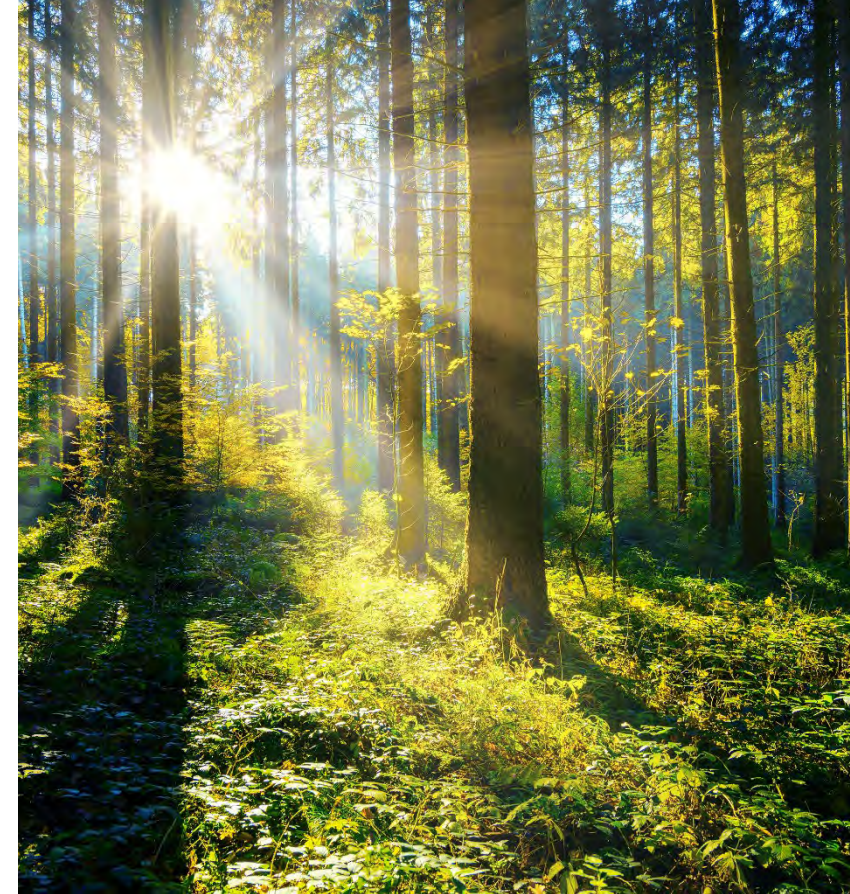
## Virtual Information Session | Presented on behalf of Enbridge Gas



### Land Acknowledgement

We respectfully acknowledge that the proposed Project area is located in Treaty 20 and in the traditional territory of the Michi Saagiig (Mississauga) and Chippewa Nations, collectively known as the Williams Treaties First Nations, which include: Curve Lake First Nation, Hiawatha First Nation, Alderville First Nation, Mississaugas of Scugog Island First Nation, Chippewas of Rama First Nation, Beausoleil First Nation, and Chippewas of Georgina Island First Nations.

The Project area is also located on the ancestral lands of the Huron-Wendat Nation.



# Selwyn Community Expansion Project

## Virtual Information Session | Presented on behalf of Enbridge Gas



### Indigenous Peoples Policy

Enbridge Gas recognizes the diversity of Indigenous Peoples who live where we work and operate. We understand from history, the destructive impacts on the social and economic wellbeing of Indigenous Peoples. Enbridge Gas recognizes the importance of reconciliation between Indigenous communities and the broader society. Positive relationships with Indigenous peoples, based on mutual respect and focused on achieving common goals, will create positive outcomes for Indigenous communities. Enbridge Gas commits to pursue sustainable relationships with Indigenous Nations and groups in proximity to where Enbridge Gas conducts business. To achieve this, Enbridge Gas will govern itself by the following principles:

- We recognize the legal and constitutional rights possessed by Indigenous peoples, and the importance of the relationship between Indigenous Peoples and their traditional lands and resources. We commit to working with Indigenous communities in a manner that recognizes and respects those legal and constitutional rights and the traditional lands and resources to which they apply. We commit to ensuring that our Projects and operations are carried out in an environmentally responsible manner.
- We understand the importance of the United Nations Declaration on the Rights of Indigenous Peoples in the context of existing Canadian law and the commitments that the government has made to protecting the rights of Indigenous Peoples.
- We engage in forthright and sincere consultation with Indigenous Peoples about Enbridge Gas Projects and operations through processes that seek to achieve early and meaningful engagement. Indigenous engagement help define our Projects that may occur on lands traditionally occupied by Indigenous Peoples.
- We commit to working with Indigenous Peoples to achieve benefits for them resulting from Enbridge Gas Projects and operations, including opportunities in training and education, employment, procurement, business development, and community development.
- We foster understanding of the history and culture of Indigenous Peoples among Enbridge Gas employees and contractors, in order to create better relationships between Enbridge Gas and Indigenous communities.

This commitment is a shared responsibility involving Enbridge Gas and its affiliates, employees and contractors. We will conduct business in a manner that reflects the above principles. Enbridge Gas will provide ongoing leadership and resources to effectively implement the above principles, including the development of implementation strategies and specific action plans. Enbridge Gas commits to periodically review this policy so that it remains relevant and respects Indigenous culture and varied traditions.





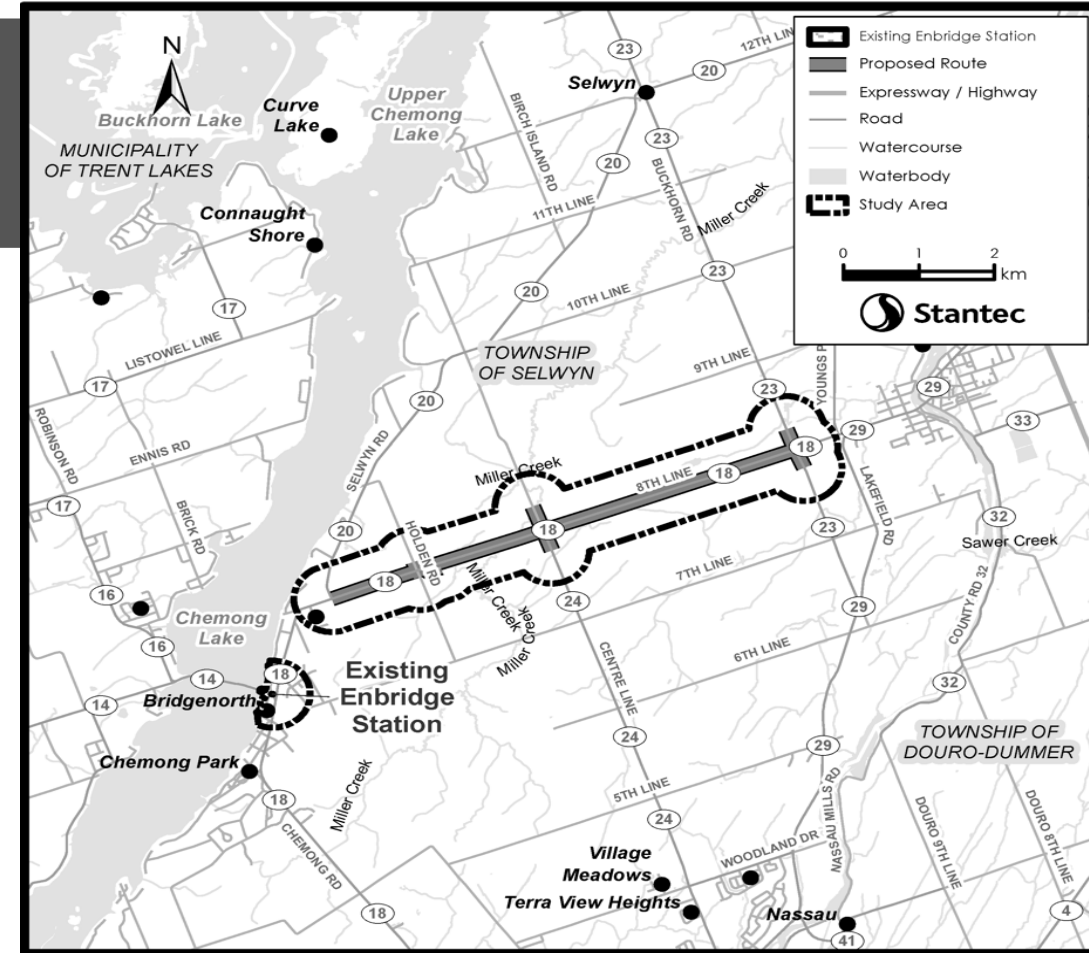
# Selwyn Community Expansion Project

## Virtual Information Session | Presented on behalf of Enbridge Gas



### Project Overview

- The Project will involve the installation of up to approximately 8.4 kilometers (km) of 2- and 6-inch Nominal Pipe Size (NPS) natural gas pipeline to be located primarily in the road allowance of 8th Line.
- The Proposed Route will tie into the existing Enbridge Gas system at the intersection of 8th Line and Selwyn Road and will travel east to the terminal tie-in point at 8th Line and Buckhorn Road. The Proposed Route has been developed for purpose of an assessment of potential environmental and socioeconomic impacts and does not represent the final Project scope / design that will provide access to natural gas to end-use customers.



# Selwyn Community Expansion Project

## Virtual Information Session | Presented on behalf of Enbridge Gas



### Environmental Study Process

As part of the planning process, Enbridge Gas has retained Stantec to undertake an Environmental Study for the Project. The Environmental Study will fulfill the requirements of the Ontario Energy Board's (OEB) "*Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)*".

The Environmental Study will be conducted during the earliest phase of the planning process. As part of the Study, Enbridge Gas / Stantec will:

- Undertake engagement to understand the views of interested and potentially affected parties.
- Consult and engage with Indigenous communities to understand interests and potential impacts.
- Identify potential impacts of the Project.
- Develop environmental mitigation and protective measures to avoid or reduce potential impacts.
- Develop an appropriate environmental inspection, monitoring, and follow-up program.



# Selwyn Community Expansion Project

## Virtual Information Session | Presented on behalf of Enbridge Gas



### Ontario Energy Board (OEB) Review and Approval Process

The Environmental Report, summarizing the results of the Environmental Study, will accompany Enbridge Gas' application to the OEB as part of the application requesting a leave to construct (LTC) for the Project. It is anticipated that the Environmental Report for the study will be completed in March 2022, after which Enbridge Gas will file the LTC application. The application to the OEB will include the following information on the Project:

- The need for the Project
- Environmental Report with mitigation measures
- Project costs and economics
- Pipeline design and construction considerations
- Land requirements
- Consultation and engagement with Indigenous Communities and stakeholders

Additional information about the OEB process can be found at:  
[www.ontarioenergyboard.ca](http://www.ontarioenergyboard.ca)

The OEB will then hold a public hearing to review the Project. If the OEB determines that the Project is in the public interest, it will approve construction of the Project.



# Selwyn Community Expansion Project

## Virtual Information Session | Presented on behalf of Enbridge Gas



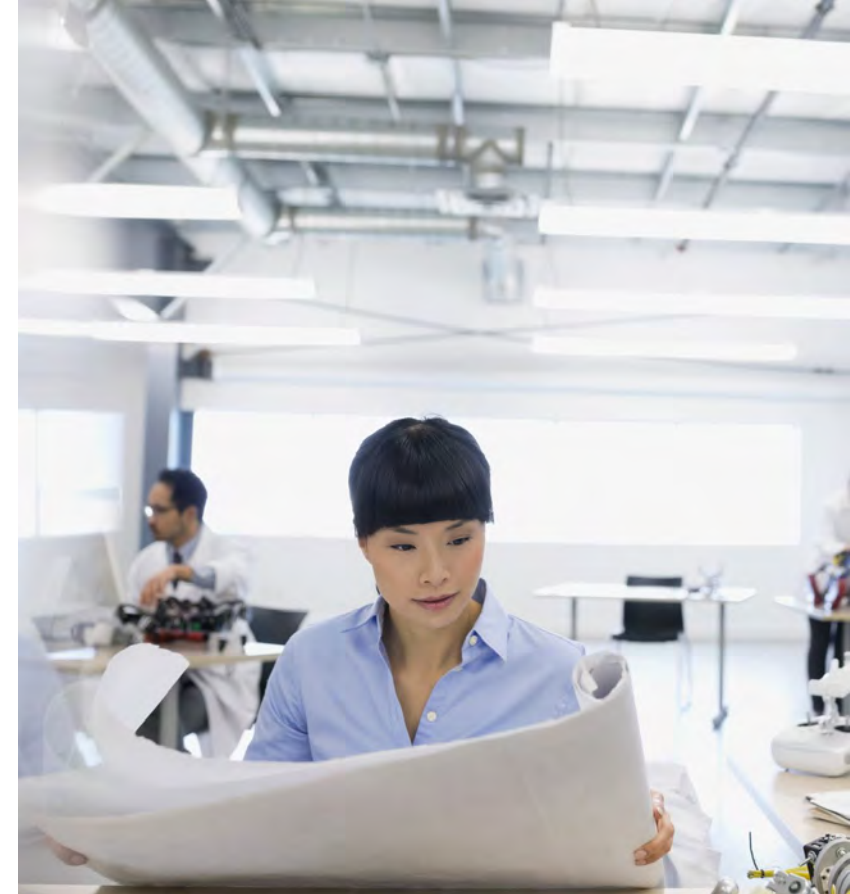
### Determining a Proposed Route

To determine the location and extent of the Proposed Route, Enbridge Gas considered constraints in the study area such as natural environment features, slope, topography, socio-economic features, including cultural heritage features, and landscapes. To mitigate impacts and constraints to these features, opportunities to follow existing linear infrastructure were identified.

The Proposed Route, as shown on slide 6 of this presentation, follows existing linear infrastructure (i.e., municipal road allowances) and avoids, to the extent possible, existing environmental and socio-economic features.

The study area encompasses a broader area beyond the Proposed Route to account for any potential impacts and routing modifications that may arise during the planning process. Since the primary objective of Community Expansion Projects is to maximize customer attachments, an “Alternatives To” analysis to the Proposed Route was deemed not to be required as Project / routing alternatives are not expected to be reasonable or economically feasible.

An interactive map that shows the extent of the Proposed Route can be accessed at:  
<https://solutions.ca/SelwynEA>





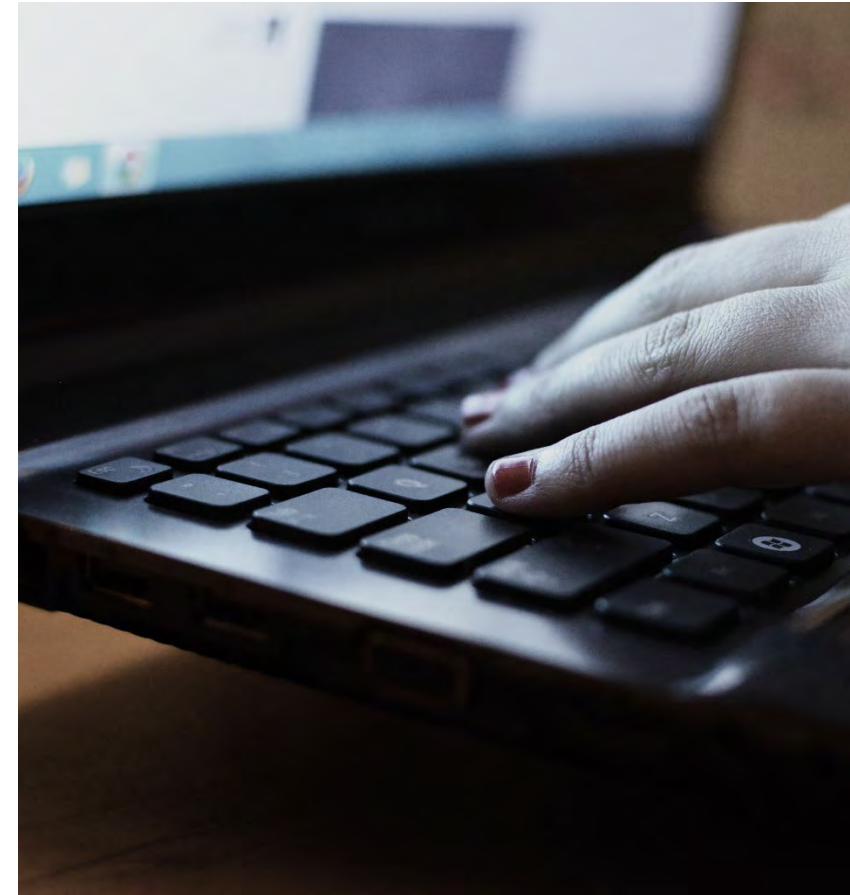
# Selwyn Community Expansion Project

## Virtual Information Session | Presented on behalf of Enbridge Gas



### Consultation and Engagement

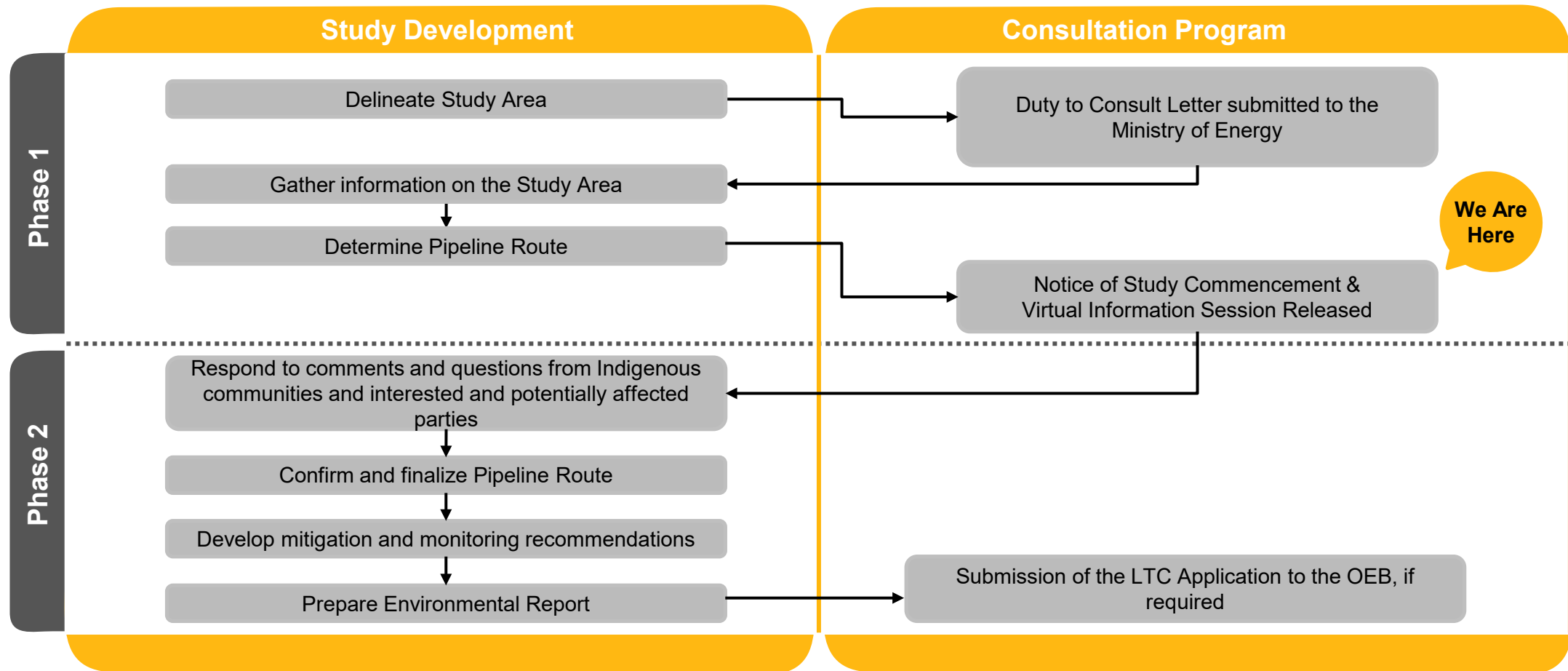
- Consultation and engagement are key components of the Environmental Study.
- At the outset of the Project, Enbridge Gas submits a Project Description to the Ministry of Energy; upon review, the Ministry of Energy determines potential impacts on Aboriginal or treaty rights and identifies Indigenous communities that Enbridge Gas must consult with during the Environmental Study and entirety of the Project.
- The consultation and engagement program that is developed during the Environmental Study helps identify and address Indigenous community and stakeholder concerns and issues, provides information on the Project, and allows for participation in the Project review and development process.
- Input will be used to help finalize the pipeline route and mitigation plans for the Project.
- Once the LTC application is made to the OEB, any party with an interest in the Project, including members of the public, can participate in the OEB's review process.



# Selwyn Community Expansion Project

## Virtual Information Session | Presented on behalf of Enbridge Gas

### Environmental Study Process



# Selwyn Community Expansion Project

## Virtual Information Session | Presented on behalf of Enbridge Gas



## Environment, Health and Safety Policy

### Our commitment

- Enbridge Gas is committed to protecting the health and safety of all individuals affected by our activities.
- Enbridge Gas will provide a safe and healthy working environment and will not compromise the health and safety of any individual.
- Our goal is to have no workplace incidents and to mitigate, to the extent feasible, impacts on the environment. To achieve this goal, Enbridge Gas will work with our stakeholders, peers, and others to promote responsible environmental practices and continuous improvement.
- Enbridge Gas is committed to environmental protection and stewardship, and we recognize that pollution prevention, biodiversity, and resource conservation are key to a sustainable environment.
- All employees are responsible and accountable for contributing to a safe working environment, for fostering safe working attitudes, and for operating in an environmentally responsible manner.



# Selwyn Community Expansion Project

## Virtual Information Session | Presented on behalf of Enbridge Gas



### Access and Land Requirements

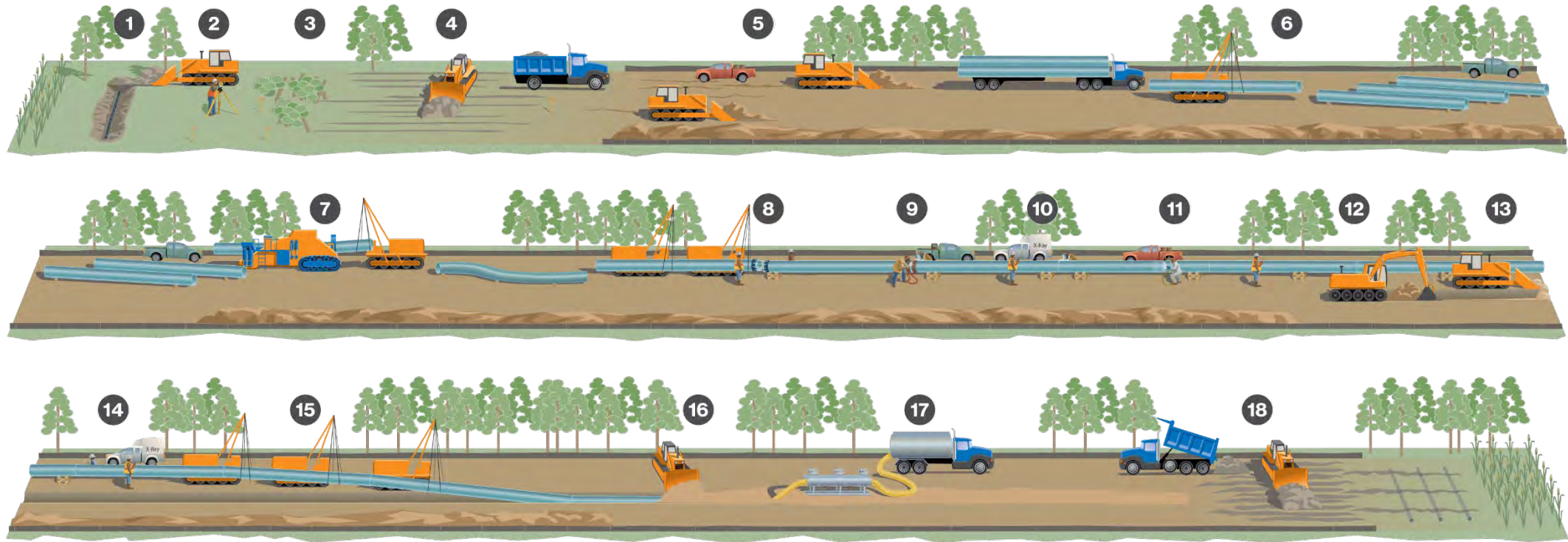
- While the majority of the pipeline route will be constructed within municipal road allowances, some circumstances requiring access agreements, permanent easement or temporary working space during construction could result in the need for additional land outside of road allowances.
- Enbridge Gas has a comprehensive Landowner Relations Program that uses a dedicated Lands Advisor who would:
  - Provide direct contact & liaison between landowners and Enbridge Gas.
  - Be available to the landowner during the length of the Project and throughout construction activities.
  - Address the concerns and questions of the landowner.
  - Act as a singular point of contact for all landowners.
  - Address any landowner questions and any legal matters relating to temporary use of property, access agreements, permanent easements, and impacts or remedy to property.



# Selwyn Community Expansion Project

## Virtual Information Session | Presented on behalf of Enbridge Gas

### Constructing an Enbridge Gas Pipeline



- |                            |                                   |                       |   |   |   |
|----------------------------|-----------------------------------|-----------------------|---|---|---|
| 1. Pre-construction tiling | 4. Right-of-way topsoil stripping | 7. Field bending pipe | 10. X-ray or ultrasonic inspection, weld repair | 13. Padding trench bottom               | 16. Backfilling                                   |
| 2. Surveying and staking   | 5. Front-end grading              | 8. Lining-up pipe     | 11. Field coating                               | 14. Final inspection and coating repair | 17. Hydrostatic testing                           |
| 3. Clearing                | 6. Stringing pipe                 | 9. Welding process    | 12. Digging the trench                          | 15. Lowering pipe                       | 18. Site restoration and post-construction tiling |





# Selwyn Community Expansion Project

## Virtual Information Session | Presented on behalf of Enbridge Gas



### Socio-economic Features

The Project will mainly be constructed in municipal road allowances. As a result of construction, private businesses, agricultural operations, and homes along the pipeline route may be impacted.

### Potential Effects

- Temporary increases in noise, dust, and air emissions.
- Increased construction traffic volumes.
- Temporary impairment of the use and enjoyment of residential/business properties.
- Vegetation clearing along the pipeline easement.

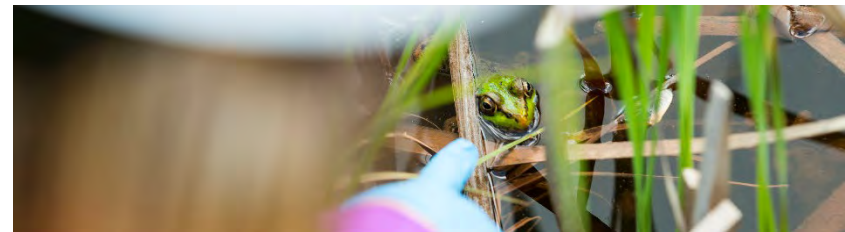
### Example Mitigation Measures

- Provide access across the construction area.
- Restrict construction to daylight hours and adhere to applicable noise by-laws.
- Develop and implement a Traffic Control Plan.
- Place fencing at appropriate locations for safety.
- Implement a water well monitoring program.
- Making contact information for a designated Enbridge Gas representative available prior to and throughout construction.
- Dust control measures.
- Re-vegetation of cleared areas (seeding/planting).



# Selwyn Community Expansion Project

## Virtual Information Session | Presented on behalf of Enbridge Gas



### Aquatic Resources

Enbridge Gas understands the importance of protecting watercourses, wetlands, and associated wildlife during construction and will implement appropriate mitigation measures to reduce possible environmental effects.

#### Potential Effects

- Disruption and alteration to aquatic species and habitat and/or nuisance effects.
- Increased erosion, sedimentation, and turbidity resulting from removal of vegetation.

#### Example Mitigation Measures

- Install erosion and sediment control measures.
- Obtain necessary agency permits and approvals.
- Conform to fish timing window guidelines.
- Horizontal Directional Drill under environmentally sensitive features (i.e., watercourses, wetlands, etc.)
- For in-channel construction, protect aquatic species through methods such as flow diversion/dewatering, fish rescue planning and manage sedimentation and turbidity.
- Restore and seed disturbed areas to establish habitat and reduce erosion, if necessary.
- Replant vegetation along waterways.

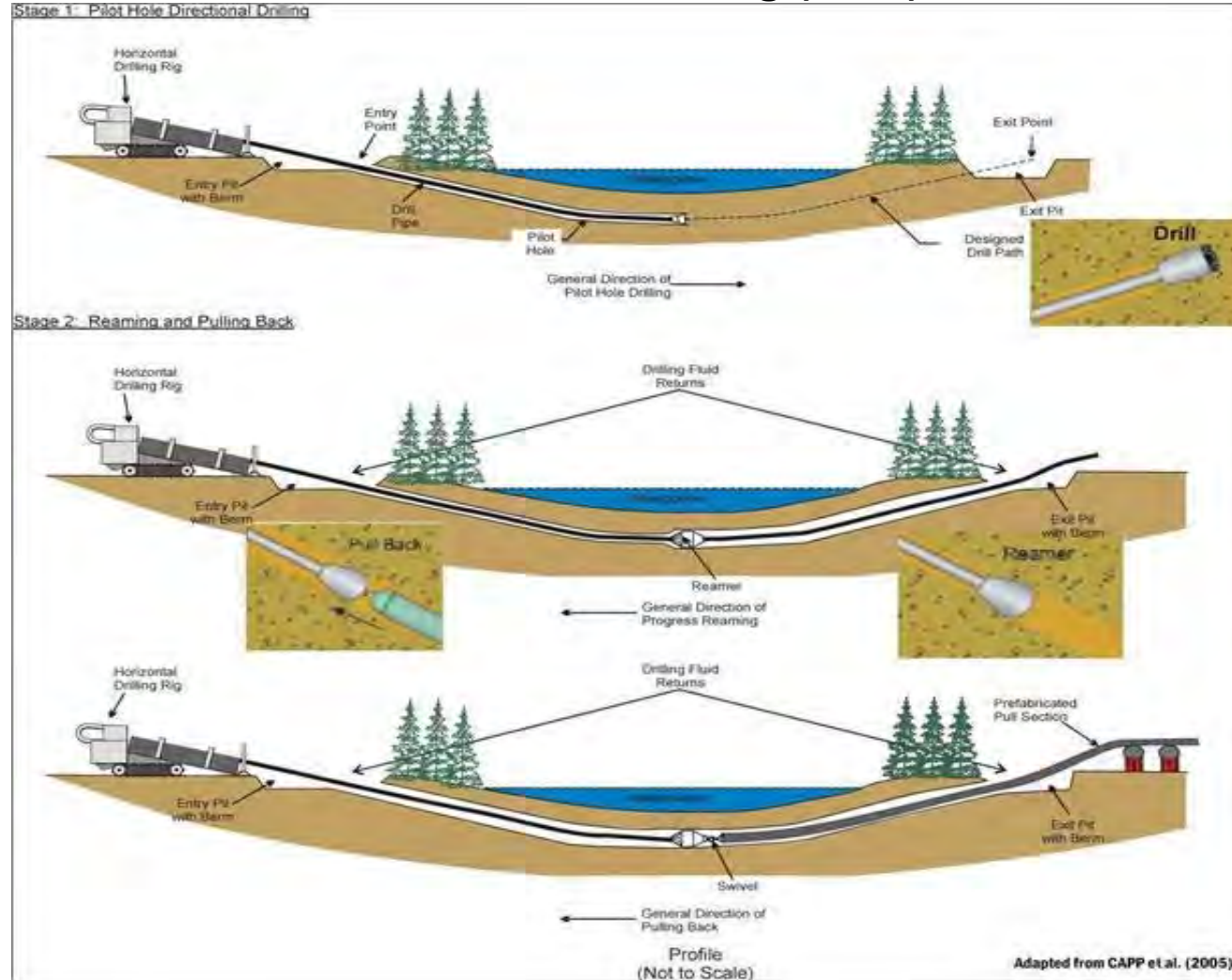


# Selwyn Community Expansion Project

## Virtual Information Session | Presented on behalf of Enbridge Gas



### Horizontal Directional Drilling (HDD) Procedures





# Selwyn Community Expansion Project

## Virtual Information Session | Presented on behalf of Enbridge Gas



### Cultural Heritage Resources

During construction, cultural heritage features such as archaeological finds, buildings, fences, and landscapes may be encountered. Detailed field surveys will be conducted by independent, third-party archaeologists and cultural heritage professionals, if required.

#### Potential Effects

- Damage or destruction of archaeological or cultural heritage resources.

### Example Mitigation Measures

- Archaeological assessment of the construction footprint, with review and comment from the Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI).
- Cultural heritage assessment (for built heritage features and cultural heritage landscapes) of the construction right-of-way, with review and comment from MHSTCI.
- Reporting of any previously unknown archaeological or cultural heritage resources uncovered, or suspected of being uncovered, during excavation.



# Selwyn Community Expansion Project

## Virtual Information Session | Presented on behalf of Enbridge Gas



### Terrestrial Resources

During construction, natural environmental features such as wildlife habitat and vegetated/wooded areas may be crossed.

#### Potential Effects

- Damage or removal of vegetation and wildlife habitat in the construction area.
- Disturbance and/or mortality to local wildlife.

#### Example Mitigation Measures

- Conduct surveys (including Species at Risk surveys) in advance of construction to determine the potential presence of wildlife and wildlife habitat.
- Complete vegetation removal outside of migratory bird windows (typically from April 1 – August 31), to the extent possible.
- Clearly mark the construction area to avoid accidental damage.
- Restore and seed disturbed areas to establish habitat and reduce erosion, if required.
- Secure necessary permits and follow any conditions of approval.



# Selwyn Community Expansion Project

## Virtual Information Session | Presented on behalf of Enbridge Gas



### Pipeline Design

The high-grade plastic and steel pipeline is designed to meet and/or exceed the regulations of the Canadian Standards Association (Z662 Oil and Gas Pipeline Systems) and the applicable regulations of the Technical Standards & Safety Association (TSSA).

### Pipeline Safety and Integrity

We take many steps to ensure safe, reliable operation of our network of natural gas pipelines, such as:

- Design, construct, and test our pipelines to meet or exceed requirements set by industry standards and regulatory authorities,
- Continuously monitor the entire network, and
- Perform regular field surveys to detect leaks and confirm corrosion prevention methods are working as intended.



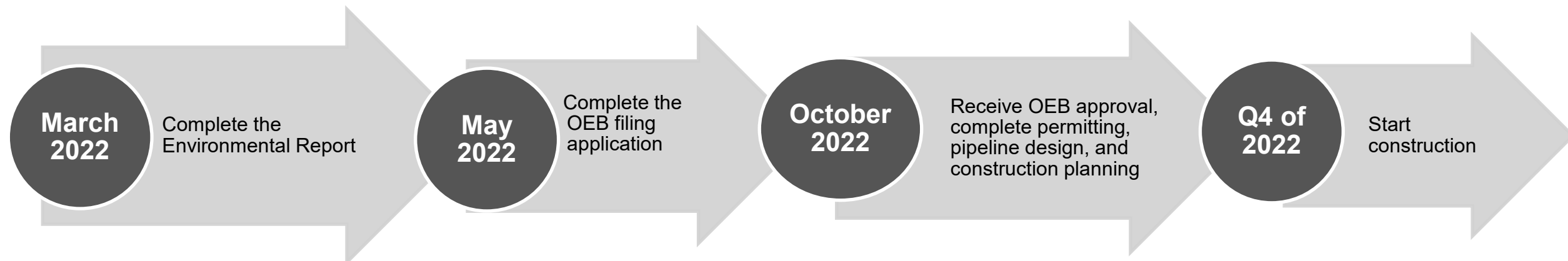
# Selwyn Community Expansion Project

## Virtual Information Session | Presented on behalf of Enbridge Gas



### Next Steps

After this Virtual Information Session, we intend to pursue the following schedule of activities:



# Selwyn Community Expansion Project

## Virtual Information Session | Presented on behalf of Enbridge Gas



### Thank-you!

On behalf of the Project team, thank-you for listening to the Virtual Information Session presentation. Please complete the Questionnaire, located in the Resources tab, by February 28, 2022, for your comments to be considered as part of the Environmental Report.

#### **Kayla Ginter**

Project Coordinator  
Stantec Consulting Ltd.  
300W-675 Cochrane Drive,  
Markham, ON L3R 0B8  
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#### **Chris Revak**

Project Coordinator  
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#### **George Tatolis**

Environmental Permitting Advisor  
Enbridge Gas Inc.  
500 Consumers Road  
North York, ON M2J 1P8  
Phone: 437-998-2873  
Email: [george.tatolis@enbridge.com](mailto:george.tatolis@enbridge.com)

For more information about the proposed Project, please visit our Project website at: <https://www.enbridgegas.com/selwyn>



Slide #	Slide Theme	Script
1	Cover Page	Thank-you for viewing the Virtual Information Session for the Selwyn Community Expansion Project. This presentation has been prepared by Stantec Consulting Ltd. on behalf of Enbridge Gas.
2	Welcome/ Our Commitment	<p><b>Welcome</b> You may pause the presentation at any time to read over the presentation slides. A copy of the presentation slides is available for download from the Resources Tab. Questions and comments can be submitted using the questionnaire, also found on the Resources tab, and an Enbridge Gas or Stantec representative will respond.</p> <p>If you would like to receive future Project updates, please complete the Contact Information section of the questionnaire.</p> <p><b>Our Commitment</b> Enbridge Gas is committed to involving indigenous communities, agencies, interest groups, and community members in this proposed Project by providing you with up-to-date information in an open, honest, and respectful manner, and will carefully consider your input.</p> <p>Enbridge Gas provides safe and reliable delivery of natural gas to more than 3.8 million residential, commercial, and industrial customers across Ontario. Enbridge Gas is committed to environmental stewardship and conducts all operations in an environmentally responsible manner.</p>
3	Purpose of the Virtual Information Session	<p>Enbridge Gas is committed to the health and safety of the public and its workers. As a result of the COVID-19 pandemic and physical distancing requirements set out by the Province of Ontario and the Government of Canada, Enbridge Gas is providing a Virtual Information Session as a safe alternative to an in-person information session.</p> <p>The Purpose of the Virtual Information Session is to consult with Indigenous communities and engage with members of the public and regulatory authorities regarding the Proposed Route, potential impacts, and mitigation measures. The Virtual Information Session also provides an opportunity for individuals to ask any questions and provide comments to representatives from Enbridge Gas and Stantec.</p>
4	Land Acknowledgement	<p>We respectfully acknowledge that the proposed Project area is located in Treaty 20 and in the traditional territory of the Michi Saagiig (Mississauga) and Chippewa Nations, collectively known as the Williams Treaties First Nations, which include: Curve Lake First Nation, Hiawatha First Nation, Alderville First Nation, Mississaugas of Scugog Island First Nation, Chippewas of Rama First Nation, Beausoleil First Nation, and Chippewas of Georgina Island First Nations.</p> <p>The Project area is also located on the ancestral lands of the Huron-Wendat Nation.</p>

5	Indigenous Peoples Policy	<p>Enbridge Gas recognizes the diversity of Indigenous Peoples who live where we work and operate. We understand from history, the destructive impacts on the social and economic wellbeing of Indigenous Peoples. Enbridge Gas recognizes the importance of reconciliation between Indigenous communities and the broader society. Positive relationships with Indigenous peoples, based on mutual respect and focused on achieving common goals, will create positive outcomes for Indigenous communities. Enbridge Gas commits to pursue sustainable relationships with Indigenous Nations and groups in proximity to where Enbridge Gas conducts business. To achieve this, Enbridge Gas will govern itself by the principles seen on this slide.</p>
6	Project Overview	<p>The Project will involve the installation of up to approximately 8.4 kilometers (km) of 2- and 6-inch Nominal Pipe Size (NPS) natural gas pipeline to be located primarily in the road allowance of 8th Line.</p> <p>The Proposed Route will tie into the existing Enbridge Gas system at the intersection of 8th Line and Selwyn Road and will travel east to the terminal tie-in point at 8th Line and Buckhorn Road.</p> <p>Pending approval by the Ontario Energy Board, construction of the pipeline is planned to begin Q4 of 2022 and be in service by 2023.</p>
7	Environmental Study Process	<p>As part of the planning process, Enbridge Gas has retained Stantec to undertake an Environmental Study for the Project. The Environmental Study and Environmental Report, which will accompany the Study, will be completed according to the Ontario Energy Board's <i>Environmental Guidelines</i> (2016).</p> <p>The Environmental Study will be conducted during the earliest phase of the planning process. As part of the Study, Enbridge Gas / Stantec will:</p> <ul style="list-style-type: none"> <li>• Undertake engagement to understand the views of interested and potentially affected parties.</li> <li>• Consult and engage with Indigenous communities and key stakeholders to understand interests and potential impacts.</li> <li>• Identify potential impacts of the Project.</li> <li>• Develop environmental mitigation and protective measures to avoid or reduce potential impacts; and,</li> <li>• Develop an appropriate environmental inspection, monitoring, and follow-up program.</li> </ul>
8	OEB Review and Approval Process	<p>It is anticipated that the Environmental Report for the study will be completed in March 2022, after which Enbridge Gas may file a Leave-to-Construct application. The application to the Ontario Energy Board will include the following information on the Project:</p> <ul style="list-style-type: none"> <li>• The need for the Project</li> <li>• Environmental Report with mitigation measures</li> <li>• Project costs and economics</li> <li>• Pipeline design and construction considerations</li> <li>• Land requirements</li> <li>• Consultation and engagement with Indigenous Communities and stakeholders</li> </ul>



		<p>The Ontario Energy Board will then hold a public hearing to review the Project. If the Ontario Energy Board determines that the Project is in the public interest, it will approve construction of the Project. Additional information about the Ontario Energy Board process can be found on their website.</p>
9	Determining a Proposed Route	<p>To determine the location and extent of the Proposed Route, Enbridge Gas considered constraints in the study area such as natural environment features, slope, topography, socio-economic features, including cultural heritage features, and landscapes. To mitigate impacts and constraints to these features, opportunities to follow existing linear infrastructure were identified.</p> <p>The Proposed Route, as shown on slide 6 of this presentation, follows existing linear infrastructure (i.e., municipal road allowances) and avoids, to the extent possible, existing environmental and socio-economic features.</p> <p>The study area encompasses a broader area beyond the Proposed Route to account for any potential impacts and routing modifications that may arise during the planning process. Since the primary objective of Community Expansion Projects is to maximize customer attachments, an “Alternatives To” analysis to the Proposed Route was deemed not to be required as Project / routing alternatives are not expected to be reasonable or economically feasible.</p> <p>An interactive map that shows the extent of the Proposed Route can be accessed at: website link found on this slide.</p>
10	Consultation and Engagement	<p>Consultation and engagement are key components of the Environmental Study.</p> <p>At the outset of the Project, Enbridge Gas submits a Project Description to the Ministry of Energy; upon review, the Ministry of Energy determines potential impacts on Aboriginal or treaty rights and identifies Indigenous communities that Enbridge Gas must consult with during the Environmental Study and entirety of the Project.</p> <p>The consultation and engagement program that is developed during the Environmental Study helps identify and address Indigenous community and stakeholder concerns and issues, provides information on the Project, and allows for participation in the Project review and development process.</p> <p>Input received during consultation and engagement will be used to help finalize the pipeline route and mitigation plans for the Project.</p> <p>Once the Leave-to-Construct application is submitted to the Ontario Energy Board, any party with an interest in the Project can participate in the Board’s review process.</p>
11	Environmental Study Process	<p>This slide shows the environmental study process that Enbridge Gas follows as part of the Ontario Energy Board’s Environmental Guidelines. Enbridge Gas is currently nearing the end of Phase 1.</p>



12	Environment, Health and Safety Policy	<p>Enbridge Gas is committed to protecting the health and safety of all individuals affected by our activities.</p> <p>Enbridge Gas will provide a safe and healthy working environment and will not compromise the health and safety of any individual.</p> <p>Our goal is to have no workplace incidents and to mitigate, to the extent feasible, impacts on the environment. To achieve this goal, Enbridge Gas will work with our stakeholders, peers, and others to promote responsible environmental practices and continuous improvement.</p> <p>Enbridge Gas is committed to environmental protection and stewardship, and we recognize that pollution prevention, biodiversity, and resource conservation are key to a sustainable environment.</p> <p>All employees are responsible and accountable for contributing to a safe working environment, for fostering safe working attitudes, and for operating in an environmentally responsible manner.</p>
13	Access and Land Requirements	<p>While the majority of the pipeline route will be constructed within municipal road allowances, some circumstances requiring access agreements, permanent easement or temporary working space during construction could result in the need for additional land outside of road allowances.</p> <p>Enbridge Gas has a comprehensive Landowner Relations Program that uses a dedicated Lands Advisor who would:</p> <ul style="list-style-type: none"> <li>• Provide direct contact &amp; liaison between landowners and Enbridge Gas.</li> <li>• Be available to the landowner during the length of the Project and throughout construction activities.</li> <li>• Address the concerns and questions of the landowner.</li> <li>• Act as a singular point of contact for all landowners.</li> <li>• Address any landowner questions and any legal matters relating to temporary use of property, access agreements, permanent easements, and impacts or remedy to property.</li> </ul>
14	Pipeline Construction	<p>This slide shows an infographic of typical pipeline construction procedures. Please press “pause” to review these procedures. When you are ready to move onto the next slide, please press “next”.</p>
15	Socio-economic Features	<p>The Project will mainly be constructed in municipal road allowances. As a result of construction, private businesses, agricultural operations, and homes along the pipeline route may be impacted. Potential socio-economic effects of construction include temporary increases in noise, dust and air emissions, increased construction traffic, temporary impairment of residential/business properties, and vegetation clearing along the pipeline easement.</p> <p>Some of the mitigation measures that could be implemented during construction include providing access across construction areas, restricting construction to daylight hours, adhering to applicable noise by-laws, implementing a</p>

		water well monitoring program, and re-vegetating cleared areas. Additional examples are provided on this slide for your review.
16	Aquatic Resources	<p>Enbridge Gas understands the importance of protecting watercourses, wetlands, and associated wildlife during construction and will implement appropriate mitigation measures to reduce possible environmental effects.</p> <p>Potential effects to aquatic environments include: disruption and alteration to aquatic species and habitat, increased erosion, sedimentation, and turbidity resulting from removal of vegetation.</p> <p>The following are examples of mitigation measures that may be implemented to reduce the potential effects of construction:</p> <ul style="list-style-type: none"> <li>• Installing erosion and sediment control measures.</li> <li>• Obtaining all necessary agency permits and approvals.</li> <li>• Conforming to fish timing window guidelines,</li> <li>• Horizontal Directional Drilling under environmentally sensitive features (i.e., watercourses, wetlands, etc.)</li> <li>• For in-channel construction, protecting aquatic species through methods such as flow diversion and/or dewatering, fish rescue planning etc., and managing sedimentation and turbidity.</li> <li>• Restoring and seeding disturbed areas to establish habitat and reduce erosion, if necessary; and</li> <li>• Replanting vegetation along waterways.</li> </ul>
17	Horizontal Directional Drilling (HDD) Procedures	This slide shows an infographic of typical Horizontal Directional Drilling (HDD) procedures. Please press “pause” to review these procedures. When you are ready to move onto the next slide, please press “next”.
18	Cultural Heritage Resources	<p>During construction, cultural heritage features such as archaeological finds, buildings, fences, and landscapes may be encountered. Detailed field surveys will be conducted by independent, third-party archaeologists and cultural heritage professionals prior to construction, if required.</p> <p>As outlined on this slide, there are several mitigation measures that will be employed to reduce the potential effects construction could have on cultural heritage, as approved by the Ministry of Heritage, Sport, Tourism and Culture Industries.</p>
19	Terrestrial Resources	<p>During construction, natural environmental features such as wildlife habitat and vegetated or wooded areas may be crossed. Potential effects include damage of vegetation and wildlife in the construction area.</p> <p>Prior to construction, surveys (including Species at Risk surveys) will be conducted to determine the potential presence of wildlife and wildlife habitat in the Project area. Vegetation removal will be conducted outside of migratory bird windows (typically from April 1 – August 31), to the extent possible. Construction areas will be clearly marked to avoid accidental damage and affected areas will be restored or seeded to establish habitat and reduce erosion. Permits from conservation authorities, municipalities, and agencies will be secured as required,</p>

		and conditions outlined in those permits and/or approvals will be followed in order to reduce damage and disturbance to vegetation and wildlife.
20	Pipeline Design	<p>The high-grade plastic and steel pipeline is designed to meet or exceed the regulations of the Canadian Standards Association and the applicable regulations of the Technical Standards &amp; Safety Association.</p> <p>Enbridge Gas takes many steps to ensure safe, reliable operation of the network of natural gas pipelines, such as designing, constructing, and testing pipelines to meet or exceed requirements set by industry standards and regulatory authorities, continuously monitoring the entire network, and perform regular field surveys to detect leaks and confirm corrosion prevention methods are working as intended.</p>
21	Next Steps	<p>Serving hundreds of communities in Ontario, we at Enbridge Gas consider ourselves strong community partners who believe in and are committed to consultation and engagement.</p> <p>During the planning stages for this Project, we have and will continue to consult with Indigenous Communities, and engage with local landowners, government agencies, and other interested parties that could be impacted by the Project.</p> <p>After this Virtual Information Session is complete, we plan to finalize our Environmental Report. When complete, we will submit the Environmental Report to the Ontario Energy Board along with other Leave-to-Construct documents. We anticipate we'll receive a response from the Ontario Energy Board by October 2022. Permitting, pipeline design, and construction planning will then take place. We would plan to start construction in Q4 of 2022 and be in service by 2023.</p>
22	Thank-you	<p>On behalf of the Project team, thank-you for listening to the Virtual Information Session presentation for the Selwyn Community Expansion Project.</p> <p>If you have any questions or comments, or you would like to be kept up to date on the Project please complete the Questionnaire located in the Resources Tab. Please complete the Questionnaire by February 28, 2022, to be considered as part of the Environmental Report that will be submitted to the Ontario Energy Board. Please note that comments will still be received after this date and will be reviewed and considered during the planning and design phase, as applicable.</p> <p>To return to a specific slide, please press the "menu" button and select the slide you wish to review. To close the presentation, please press the "save and exit" button.</p> <p>For more information about the proposed Project, please visit our Project website at the website link shown on this slide.</p>



# Selwyn Community Expansion Project Virtual Information Session Questionnaire



Thank you for attending the Selwyn Community Expansion Project Virtual Information Session, presented by Stantec on behalf of Enbridge Gas! We hope the session was informative and we would appreciate your comments and feedback. If you require any assistance or clarification while completing this questionnaire, please send an email to [SelwynEA@stantec.com](mailto:SelwynEA@stantec.com) or call (226) 980-5347 and leave a detailed message. If you have a question that requires a response, please fill out the **Contact Information** section at the end of this form and a representative will respond as soon as possible.

Please complete this questionnaire by **February 28, 2022**, to be considered as part of the Environmental Report submitted to the Ontario Energy Board (OEB). Your feedback is important and will also be considered during the planning and permitting stages of the Project.

**1. What is your interest in this Project?**

- Directly affected landowner
- Business owner
- Surrounding landowner
- Resident interested in natural gas conversion
- Interested citizen
- Member of interest group
- Government official
- Other: \_\_\_\_\_

**2. What is your view of the proposed Project?**

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**3. Please indicate if the Project will have any potential impacts to you, your property, or your business that you would like addressed (i.e., access, noise, dust, traffic, etc.).**

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**4. Please identify any features along the pipeline route you feel are important to consider during the environmental study.**

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## Selwyn Community Expansion Project Virtual Information Session Questionnaire

5. **Were you provided with an adequate understanding of the Project and the Environmental Assessment OEB review and approval process?**

Yes

No

6. **Do you require additional information about the Project and/or Environmental Assessment OEB process? Please note below:**

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7. **Did the content provided in the Virtual Information Session meet your needs?**

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8. **How did you hear about the Virtual Information Session? Check all that apply:**

Newspaper Advertisement

Project Notification Letter

Word of Mouth

Other: \_\_\_\_\_

9. **Do you have any questions or comments about this Project, not addressed above, you would like to bring to our attention?**

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## Selwyn Community Expansion Project Virtual Information Session Questionnaire



Thank you for completing this questionnaire. If you would like to be informed of Project updates, please provide us with your full contact information. If you have a question about the Project that has not been addressed or for which you would like more information, please email us at: [SelwynEA@stantec.com](mailto:SelwynEA@stantec.com) or call (226) 980-5347 and leave a detailed message.

### Contact Information

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Email: \_\_\_\_\_  
Phone: (\_\_\_\_) \_\_\_\_\_

*Information will be collected and used in accordance with the Freedom of Information and Protection of Privacy Act. This information will be used to assist Enbridge Gas Inc. in meeting applicable approval requirements. This material will be maintained on file for use during the study and may be included in Project documentation. Unless indicated otherwise, personal information and all comments will become part of the public record and may be publicly released as part of Project documentation.*

*APPENDIX B6:  
PROJECT CORRESPONDENCE*





**Enbridge Gas Inc.**  
**Selwyn Community Expansion Project Correspondence Tracking - Agencies and Municipalities**

N/A - Not Available

Comment Number	Stakeholder Group	Stakeholder Representative Name	Method of Communication	Date of Communication	Summary of Comment	Date of Response	Summary of Response
See Appendix B1	Former Ministry of Energy (MOE)	Dan Delaquis (MOE)	Email	November 29, 2021	Enbridge Gas provided the MOE, formerly the Ministry of Energy, Northern Development and Mines (MENDM), with a letter detailing an updated Project Description, noting that a Leave to Construct application will be filed with the Ontario Energy Board (OEB), and inquired as to if the Project triggers the Duty to Consult process.	18-Jan-21	The MOE responded with a Letter of Delegation noting that the Project may have the potential to affect Indigenous communities, and provided a list of these potentially affected communities to consult with.
See Appendix B1 and B2	All agencies and municipalities on the Project's Contact Lists	N/A	Email	13-Jan-21	Notice of Study Commencement.	N/A	N/A
Appendix B6 - Agency Comment #1	Ministry of Environment, Conservation, and Parks (MECP), Environmental Assessment Branch	Jon Orpana	Email	13-Jan-21	MECP request a GIS shapefile of the proposed route.	1-Apr-22	Stantec provided MECP with the requested shapefile.
Appendix B6 - Agency Comment #2	Ministry of Environment, Conservation, and Parks (MECP), Peterborough Office	Jacqueline Fuller	Email	18-Jan-21	Jacqueline Fuller asked that further correspondence regarding the Project be sent directly to Courtney Redmond.	N/A	N/A
Appendix B6 - Agency Comment #3	Peterborough County, Planning Department	N/A	Email	18-Jan-21	Peterborough County, Planning Department confirmed receipt of the Notice of Commencement and Virtual Information Session (VIS) invitation submitted on the County's website.	N/A	N/A
Appendix B6 - Agency Comment #4	Transport Canada (TC)	Environmental Assessment Program	Email	21-Jan-22	TC advised that they do not require receipt of all individual or class EA related notifications. Project proponents are required to self-assess if their project: (1) will interact with a federal property and/or waterway by reviewing the Directory of Federal Real Property and (2) will require approval and/or authorization under any Acts administered by TC.	N/A	N/A
Appendix B6 - Agency Comment #5	Ministry of Environment, Conservation, and Parks (MECP), Species at Risk Branch (SARB)	Monique Charette		2-Feb-22	SARB advised that the Selwyn Project has been assigned to Monique Charette, SARB Management Biologist, for review. SARB to contact Stantec should they have any questions regarding the Project.	N/A	N/A
Appendix B6 - Agency Comment #6	Ministry of Transportation (MTO)	Alexandre Gitkow	Email	3-Feb-22	MTO confirmed the Preferred Route is outside of their jurisdiction and/or property and that an MTO designated (designated but not owned) property is located on and around Buckhorn Road south of 7th Line. Should the scope of the Preferred Route change, MTO has asked to be notified if the proposed work falls within 400m of this designated property.	7-Feb-22	Stantec thanked MTO for their email and confirmed that the running line appears to be approximately 1.36 km from the MTO designated property referenced in their response.
Appendix B6 - Agency Comment #7	Ministry of Transportation (MTO)	Amanda Rodek	Email	14-Feb-22	MTO forwarded the response provided on 3-Feb-22. No additional comments on the Project were provided.	N/A	N/A
Appendix B6 - Agency Comment #8.0	Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI)	Jack Mallon	Email	28-Feb-22	MHSTCI requested a copy of the VIS presentation.	28-Feb-22	Stantec provided MHSTCI the requested materials and emailed a pdf version of the presentation, script, and questionnaire to the Ministry.
Appendix B6 - Agency Comment #8.1	Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI)	Jack Mallon	Email	28-Feb-22	MHSTCI provided advice on how to incorporate consideration of cultural heritage in the Report, and expanded on how to apply Chapter 2 of the OEB Environmental Guidelines by outlining the technical cultural heritage studies and level of detail required to address cultural heritage in pipeline and facilities projects. MHSTCI also provided details on the role of the Stage 1 Archaeological Assessment and how to complete the Stage 1 Report according to Ministry standards.	N/A	N/A
Appendix B6 - Agency Comment #9.0	Infrastructure Ontario (IO)	Dami Fatlie	Email	2-Mar-22	IO noted that, from an initial scan of the Study Area, no properties owned by the Minister of Government and Consumer Services are located in the Study Area. IO requested that Enbridge Gas advise on any changes to the scope of the Project that would impact this initial determination.	N/A	N/A

**Enbridge Gas Inc.**  
**Selwyn Community Expansion Project Correspondence Tracking - Utility Owners and Operators**

N/A - Not Available

Comment Number	Stakeholder Group	Stakeholder Representative Name	Method of Communication	Date of Communication	Summary of Comment	Date of Response	Summary of Response
See Appendix B2	Hydro One	N/A	Email	13-Jan-21	Notice of Study Commencement was provided to Hydro One.	N/A	N/A
See Appendix B6 - Utility Owners and Operators Comment #1	Hydro One	N/A	Email	8-Mar-22	Hydro One confirmed they have existing distribution assets within the Study Area. However, as the Project is still in the early planning and design phase, Hydro One noted they do not have sufficient information to comment on the potential resulting impacts the Project may have on their infrastructure. As such, they requested Enbridge Gas continue providing updates on the Project so that they can advise on if the Project conflicts with the distribution assets, and if so, the measures and costs to be incurred by Enbridge Gas.	N/A	N/A

Indigenous Community or Stakeholder	Date	Method	Summary	Interest Type	Interests Description	Interest Outcome
<b>Alderville First Nation</b>	December 13, 2021	Email	Email from Enbridge Gas representative to Alderville First Nation (AFN) representative providing a Selwyn Community Expansion Project overview and notification letter. Enbridge Gas representative requested feedback or shared knowledge by January 14, 2022 and invited AFN to submit a capacity funding request. The letter provided an overview of the Project, the Project study area and the preliminary preferred Project route. The letter advised an Enbridge Gas contractor would complete an environmental study for Project construction and operation. The letter advised authorization might be required from a potential list of regulatory organizations. The letter requested feedback and suggestions for minimizing or mitigating any potential Project impacts to AFN's Aboriginal and treaty rights and advised Enbridge Gas would provide capacity funding. The letter advised the Ontario Ministry of Energy delegated the procedural aspects for consultation to Enbridge Gas and provided Ontario Ministry of Energy contact information. The letter requested a meeting to discuss the Project and provided Enbridge Gas contact information.			
	December 14, 2021	Email	Email from Alderville First Nation (AFN) representative to Enbridge Gas representative advising they did not see a map of the area where the project took place. AFN advised they were not party to Treaty 20 territory.			
	December 15, 2021	Email	Email from Enbridge Gas representative to Alderville First Nation (AFN) representative providing a map of the Project area.			
	February 7, 2022	Email	Email from Enbridge Gas representative to Alderville First Nation representative introducing themselves as the new community and Indigenous engagement point-of-contact. Enbridge Gas representative provided a reminder for the Selwyn Community Expansion Project virtual open house. Enbridge Gas representative provided a website link to the open house, a website link to an accompanying questionnaire and advised the virtual open house was available from February 3 to February 22, 2022.			
<b>Beausoleil First Nation (Christian Island)</b>	December 13, 2021	Email	Email from Enbridge Gas representative to Beausoleil First Nation (BFN) representatives providing a Selwyn Community Expansion Project overview and notification letter. Enbridge Gas representative requested feedback or shared knowledge by January 14, 2022 and invited BFN to submit a capacity funding request. The letter provided an overview of the Project, the Project study area and the preliminary preferred Project route. The letter advised an Enbridge Gas contractor would complete an environmental study for Project construction and operation. The letter advised authorization might be required from a potential list of regulatory organizations. The letter requested feedback and suggestions for minimizing or mitigating any potential Project impacts to BFN's Aboriginal and treaty rights and advised Enbridge Gas would provide capacity funding. The letter advised the Ontario Ministry of Energy delegated the procedural aspects for consultation to Enbridge Gas and provided Ontario Ministry of Energy contact information. The letter requested a meeting to discuss the Project and provided Enbridge Gas contact information.			
	January 24, 2022	Email	Email from Enbridge Gas representative to Chief Joanne Sandy following up regarding the proposed Selwyn Community Expansion Project (NGEP). Enbridge Gas representative inquired if Beausoleil First Nation (Christian Island) (BFN) had any interests, comments or questions regarding the Project. Enbridge Gas representative provided a Project notification letter.			
	February 7, 2022	Email	Email from Enbridge Gas representative to Beausoleil First Nation (Christian Island) representatives introducing themselves as the new community and Indigenous engagement point-of-contact. Enbridge Gas representative provided a reminder for the Selwyn Community Expansion Project virtual open house. Enbridge Gas representative provided a website link to the open house, a website link to an accompanying questionnaire and advised the virtual open house was available from February 3 to February 22, 2022.			
<b>Chippewas of Georgina Island</b>	December 13, 2021	Email	Email from Enbridge Gas representative to Chippewas of Georgina Island First Nation (CGIFN) representatives providing a Selwyn Community Expansion Project overview and notification letter. Enbridge Gas representative requested feedback or shared knowledge by January 14, 2022 and invited CGIFN to submit a capacity funding request. The letter provided an overview of the Project, the Project study area and the preliminary preferred Project route. The letter advised an Enbridge Gas contractor would complete an environmental study for Project construction and operation. The letter advised authorization might be required from a potential list of regulatory organizations. The letter requested feedback and suggestions for minimizing or mitigating any potential Project impacts to CGIFN's Aboriginal and treaty rights and advised Enbridge Gas would provide capacity funding. The letter advised the Ontario Ministry of Energy delegated the procedural			

Indigenous Community or Stakeholder	Date	Method	Summary	Interest Type	Interests Description	Interest Outcome
			aspects for consultation to Enbridge Gas and provided Ontario Ministry of Energy contact information. The letter requested a meeting to discuss the Project and provided Enbridge Gas contact information.			
	January 24, 2022	Email	Email from Enbridge Gas representative to Chief Donna Big Canoe following up regarding the proposed Selwyn Community Expansion Project (NGEP). Enbridge Gas representative inquired if Chippewas of Georgina Island (CGI) had any interests, comments or questions regarding the Project. Enbridge Gas representative provided a Project notification letter.			
	February 7, 2022	Email	Email from Enbridge Gas representative to Chippewas of Georgina Island representative introducing themselves as the new community and Indigenous engagement point-of-contact. Enbridge Gas representative provided a reminder for the Selwyn Community Expansion Project virtual open house. Enbridge Gas representative provided a website link to the open house, a website link to an accompanying questionnaire and advised the virtual open house was available from February 3 to February 22, 2022.			
<b>Chippewas of Rama First Nation</b>	December 13, 2021	Email	Email from Enbridge Gas representative to Chippewas of Rama First Nation (CRFN) representatives providing a Selwyn Community Expansion Project overview and notification letter. Enbridge Gas representative requested feedback or shared knowledge by January 14, 2022 and invited CRFN to submit a capacity funding request. The letter provided an overview of the Project, the Project study area and the preliminary preferred Project route. The letter advised an Enbridge Gas contractor would complete an environmental study for Project construction and operation. The letter advised authorization might be required from a potential list of regulatory organizations. The letter requested feedback and suggestions for minimizing or mitigating any potential Project impacts to CRFN's Aboriginal and treaty rights and advised Enbridge Gas would provide capacity funding. The letter advised the Ontario Ministry of Energy delegated the procedural aspects for consultation to Enbridge Gas and provided Ontario Ministry of Energy contact information. The letter requested a meeting to discuss the Project and provided Enbridge Gas contact information.			
	January 24, 2022	Email	Email from Enbridge Gas representative to Chippewas of Rama First Nation (CRFN) following up regarding the proposed Selwyn Community Expansion Project (NGEP). Enbridge Gas representative inquired if CRFN had any interests, comments or questions regarding the Project. Enbridge Gas representative provided a Project notification letter.			
	February 4, 2022	Email	Email from Chippewas of Rama First Nation (CRFN) representative to Enbridge Gas representative advising that CRFN had no comments or questions regarding the Selwyn Community Expansion Project notification. Enbridge Gas representative confirmed receipt of the email.			
	February 7, 2022	Email	Email from Enbridge Gas representative to Chippewas of Rama First Nation representative introducing themselves as the new community and Indigenous engagement point-of-contact. Enbridge Gas representative provided a reminder for the Selwyn Community Expansion Project virtual open house. Enbridge Gas representative provided a website link to the open house, a website link to an accompanying questionnaire and advised the virtual open house was available from February 3 to February 22, 2022.			
<b>Curve Lake First Nation</b>	December 2, 2021	Phone	Enbridge Gas representatives had a meeting with Curve Lake First Nation (CLFN) representatives regarding the Natural Gas Expansion Program. Topics of discussion included ongoing Haldimand Shores Community Expansion Project update, Bobcaygeon Community Expansion Project update, Ajax Reinforcement Project update, Almonte Reinforcement Project update, Selwyn Community Expansion Project update, Eganville Community Expansion Project update, Kingston Reinforcement Project update, community investment, supply chain management and Indigenous engagement updates. Enbridge Gas representative advised they would provide CLFN with a draft environmental report for the Haldimand Shores Community Expansion Project in early December 2021. CLFN representative provided feedback to Enbridge Gas regarding the draft stage one Archaeological Impact Assessment (AIA) in November 2021. Enbridge Gas representative advised they would provide a draft environmental report for the Bobcaygeon Community Expansion Project on December 3, 2021 and requested feedback no later than January 17, 2022. Enbridge Gas representative advised they would provide a notification letter for the Selwyn Community Expansion Project in December 2021. Enbridge Gas representative advised the stage one AIA desktop review was ongoing and the CLFN representatives would receive a draft report when completed. Enbridge Gas representative advised they would provide CLFN representatives with a Project notification letter for the Eganville	Commitment	Enbridge Gas advised CLFN would receive a draft AIA report for the Selwyn Community Expansion Project when completed.	
				Commitment	Enbridge Gas advised they would provide a draft environmental report for the Bobcaygeon Community Expansion Project.	Enbridge Gas provided a draft environmental report via email on December 3, 2021.
				Commitment	Enbridge Gas advised they would provide a	Enbridge Gas provided a Project notification letter

Indigenous Community or Stakeholder	Date	Method	Summary	Interest Type	Interests Description	Interest Outcome
			Community Expansion Project in January 2022. Enbridge Gas representative advised the Kingston reinforcement Project would be reinitiated in early 2022.		Project notification letter for the Selwyn Community Expansion Project in December 2021.	via email on December 13, 2021.
				Commitment	Enbridge Gas advised they would provide CLFN with a Project notification letter for the Eganville Community Expansion Project in January 2022.	
				Commitment	Enbridge Gas advised they would provide Curve Lake First Nation with a draft environmental report for the Haldimand Shores Community Expansion Project in early December 2021.	Enbridge Gas provided a website link to the draft environmental report for the Haldimand Shores Community Expansion Project via email on January 17, 2022.
	December 9, 2021	Email	Email from Enbridge Gas representative to Curve Lake First Nation representative providing minutes from their December 2, 2021 meeting.			
	December 13, 2021	Email	Email from Enbridge Gas representative to Curve Lake First Nation (CLFN) representatives providing a Selwyn Community Expansion Project overview and notification letter. Enbridge Gas representative requested feedback or shared knowledge by January 14, 2022 and invited CLFN to submit a capacity funding request. The letter provided an overview of the Project, the Project study area and the preliminary preferred Project route. The letter advised an Enbridge Gas contractor would complete an environmental study for Project construction and operation. The letter advised authorization might be required from a potential list of regulatory organizations. The letter requested feedback and suggestions for minimizing or mitigating any potential Project impacts to CLFN's Aboriginal and treaty rights and advised Enbridge Gas would provide capacity funding. The letter advised the Ontario Ministry of Energy delegated the procedural aspects for consultation to Enbridge Gas and provided Ontario Ministry of Energy contact information. The letter requested a meeting to discuss the Project and provided Enbridge Gas contact information.	Commitment	Enbridge Gas advised they would provide a Project notification letter for the Selwyn Community Expansion Project in December 2021.	Enbridge Gas provided a Project notification letter via email on December 13, 2021.
	January 6, 2022	Email	Email from Curve Lake First Nation (CLFN) representative to Enbridge Gas representative providing a response letter to the proposed Selwyn Community Expansion Project. The letter requested a filing fee for the Project and provided directions for payment. The letter provided a website link to CLFN's Consultation and Accommodation standards. The letter raised a concern regarding possible environmental impacts to drinking water. The letter raised a concern regarding endangerment of fish and wild game. The letter raised a concern regarding impacts on Aboriginal heritage and cultural values. The letter raised a concern regarding impacts to endangered species. The letter raised a concern regarding impacts to lands and savannas. The letter raised a concern regarding Indigenous burial or archaeological sites in the proposed Project area. The letter stated if remains, a burial site or other archaeological findings were unearthed, CLFN needed to be notified immediately. The letter advised if a burial site was unearthed, the nearest First Nation Government or Aboriginal Community needed to be notified. The letter stated CLFN had cultural heritage liaisons available to participate in the archaeological assessment process. The letter commented CLFN expected engagement at stage one of an archaeological	Inquiry	Curve Lake First Nation requested a filing fee for the Project and provided directions for payment.	
				Concern	Curve Lake First Nation raised a concern regarding possible environmental impacts to drinking water.	Enbridge Gas advised there were no anticipated impacts to drinking water. Enbridge Gas advised the draft Environmental Report would identify if a water

Indigenous Community or Stakeholder	Date	Method	Summary	Interest Type	Interests Description	Interest Outcome
			assessment so Indigenous knowledge could be included in the process. The letter commented at least one cultural heritage liaison should be included in any stage two through four archaeological assessments. The letter provided CLFN contact information. Enbridge Gas representative confirmed receipt of the letter and advised they would provide a summary response to CLFN by January 21, 2022.			well monitoring program was needed around the chosen pipeline route.
				Concern	Curve Lake First Nation raised a concern regarding endangerment of fish and wild game.	Enbridge Gas advised impacts to wildlife and wild game were not anticipated as the pipeline would be constructed around the existing municipal ROW, and Enbridge Gas would use best management practices.
				Concern	Curve Lake First Nation (CLFN) raised a concern regarding impacts on Aboriginal heritage and cultural values	Enbridge Gas advised screening would be conducted for cultural heritage landscapes and built heritage resources in the vicinity of the pipeline and preliminary mitigations methods would be developed, with additional mitigation measures as required. Enbridge Gas advised they welcomed CLFN's expertise identifying potential Aboriginal heritage and cultural values in the proposed Project footprint.
				Concern	Curve Lake First Nation raised a concern regarding endangered species	Enbridge Gas advised impacts to species at risk were not anticipated as the pipeline would be constructed around the existing municipal ROW, and Enbridge Gas would use best management practices.



Indigenous Community or Stakeholder	Date	Method	Summary	Interest Type	Interests Description	Interest Outcome
				Concern	Curve Lake First Nation raised a concern regarding impacts to lands and savannas	Enbridge Gas advised impacts to lands and savannas were not anticipated as the pipeline would be constructed around the existing municipal ROW, and Enbridge Gas would use best management practices.
				Concern	Curve Lake First Nation (CLFN) raised a concern regarding Indigenous burial or archaeological sites in the proposed Project area.	Enbridge Gas advised they would provide a draft AA report with detailed information on existing archaeological sites or Indigenous burial grounds in Ministry databases for CLFN's review and comment. Enbridge Gas advised they welcomed CLFN's participation and shared knowledge in additional assessments if recommended.
				Comment	The letter commented Curve Lake First Nation expected engagement at stage one of an archaeological assessment so Indigenous knowledge could be included in the process.	Enbridge Gas advised a stage one AA would be conducted as part of the draft environmental report, which would be provided to Indigenous communities for comment during the Ontario Pipeline Coordinating Committee consultation period prior to submission to the Ontario Ministry of Heritage, Sport, Tourism and Culture Industries.
				Comment	Curve Lake First Nation commented at least one cultural heritage liaison	



Indigenous Community or Stakeholder	Date	Method	Summary	Interest Type	Interests Description	Interest Outcome
					should be included in any stage two through four archaeological assessments.	
	January 20, 2022	Email	Email from Enbridge Gas representative to Curve Lake First Nation (CLFN) representative providing a letter in response to Chief Emily Whetung's initial inquiry letter from 2021 regarding the proposed Selwyn Community Expansion Project (NGEP). The letter included a general summary of the Project, potential impacts and mitigations. The letter advised there were no anticipated impacts to drinking water. The letter advised the draft ER would identify if a water well monitoring program was needed around the chosen pipeline route. The letter advised impacts to wildlife/wild game, SAR, lands and savannas were not anticipated as the pipeline would be constructed around the existing municipal ROW, and Enbridge Gas would use best management practices. The letter advised screening would be conducted for cultural heritage landscapes and built heritage resources in the vicinity of the pipeline and preliminary mitigations methods would be developed, with additional mitigation measures as required. The letter stated Enbridge Gas welcomes CLFN's expertise identifying potential Aboriginal heritage and cultural values in the proposed Project footprint. The letter advised a stage one AA would be conducted as part of the draft environmental report, which would be provided to Indigenous communities for comment during the Ontario Pipeline Coordinating Committee consultation period prior to submission to the Ontario Ministry of Heritage, Sport, Tourism and Culture Industries. The letter advised Enbridge Gas would provide a draft AA report with detailed information on existing archaeological sites or Indigenous burial grounds in Ministry databases for CLFN's review and comment. The letter noted Enbridge Gas welcomed CLFN's participation and shared knowledge in additional assessments if recommended. The letter stated Enbridge Gas was committed to keeping interested Indigenous communities engaged in archaeological work related to Enbridge Gas projects. The letter stated Enbridge Gas was committed to ongoing engagement with the CLFN consultation office on archaeological potential in the proposed Project footprint and providing timely notifications of any discoveries. The letter stated Enbridge Gas would engage the community in environmental mitigation discussions when the scope of the Project was better defined. The letter provided instructions regarding proper invoicing for capacity funding or fees associated with CLFN's participation in and review of the Project.	Concern	Curve Lake First Nation raised a concern regarding possible environmental impacts to drinking water.	Enbridge Gas advised there were no anticipated impacts to drinking water. Enbridge Gas advised the draft Environmental Report would identify if a water well monitoring program was needed around the chosen pipeline route.
				Concern	Curve Lake First Nation raised a concern regarding endangerment of fish and wild game.	Enbridge Gas advised impacts to wildlife and wild game were not anticipated as the pipeline would be constructed around the existing municipal ROW, and Enbridge Gas would use best management practices.
				Concern	Curve Lake First Nation (CLFN) raised a concern regarding impacts on Aboriginal heritage and cultural values	Enbridge Gas advised screening would be conducted for cultural heritage landscapes and built heritage resources in the vicinity of the pipeline and preliminary mitigations methods would be developed, with additional mitigation measures as required. Enbridge Gas advised they welcomed CLFN's expertise identifying potential Aboriginal heritage and cultural values in the

Indigenous Community or Stakeholder	Date	Method	Summary	Interest Type	Interests Description	Interest Outcome
						proposed Project footprint.
				Concern	Curve Lake First Nation raised a concern regarding endangered species	Enbridge Gas advised impacts to species at risk were not anticipated as the pipeline would be constructed around the existing municipal ROW, and Enbridge Gas would use best management practices.
				Concern	Curve Lake First Nation raised a concern regarding impacts to lands and savannas	Enbridge Gas advised impacts to lands and savannas were not anticipated as the pipeline would be constructed around the existing municipal ROW, and Enbridge Gas would use best management practices.
				Concern	Curve Lake First Nation (CLFN) raised a concern regarding Indigenous burial or archaeological sites in the proposed Project area.	Enbridge Gas advised they would provide a draft AA report with detailed information on existing archaeological sites or Indigenous burial grounds in Ministry databases for CLFN's review and comment. Enbridge Gas advised they welcomed CLFN's participation and shared knowledge in additional assessments if recommended.
				Comment	The letter commented Curve Lake First Nation expected engagement at stage one of an archaeological assessment so Indigenous knowledge	Enbridge Gas advised a stage one AA would be conducted as part of the draft environmental report, which would be provided to Indigenous communities for

Indigenous Community or Stakeholder	Date	Method	Summary	Interest Type	Interests Description	Interest Outcome
					could be included in the process.	comment during the Ontario Pipeline Coordinating Committee consultation period prior to submission to the Ontario Ministry of Heritage, Sport, Tourism and Culture Industries.
	January 24, 2022	Email	Email from Enbridge Gas representative to Curve Lake First Nation (CLFN) representative providing a summary response letter, notice of study commencement letter and virtual open house letter for the proposed Selwyn Community Expansion Project, which included an invitation for CLFN's initial feedback or shared knowledge by February 28, 2022. The Project notification letter provided a Project overview, study area, preferred route, installation location details, environmental study, potential Project authorizations and capacity support. The Project notification letter requested a meeting to discuss the Project, obtain feedback and advised feedback would be accepted until January 14, 2022. The notice of study commencement and virtual open house letter provided an overview of the Project, planning process, Enbridge Gas contractor selection, environmental study and report. The notice of study commencement and virtual open house letter provided a website link to the virtual information session which was open from February 3 to 22, 2022. The notice of study commencement and virtual open house letter requested initial input and comments on the Project were submitted by February 28, 2022. The notice of study commencement and virtual open house letter advised arrangements could be made if CLFN was unable to meet that deadline but still interested in participating in the Project consultation process.			
	February 7, 2022	Email	Email from Enbridge Gas representative to Curve Lake First Nation representative introducing themselves as the new community and Indigenous engagement point-of-contact. Enbridge Gas representative provided a reminder for the Selwyn Community Expansion Project virtual open house. Enbridge Gas representative provided a website link to the open house, a website link to an accompanying questionnaire and advised the virtual open house was available from February 3 to February 22, 2022.			
	February 13, 2022	Email	Email from Curve Lake First Nation representative to Enbridge Gas representative providing invoices for their filing fees.	Follow Up	Enbridge Gas advised they would provide payment for the two filing fee invoices within the week.	Enbridge Gas provided payment on February 22, 2022.
	February 14, 2022	Email	Enbridge Gas representative emailed Curve Lake First Nation representative confirming filing fee invoices. Enbridge Gas representative advised payment would occur within the week.			
	February 22, 2022	Phone	Enbridge Gas representative had a phone conversation with Curve Lake First Nation representative regarding filing fees for the Selwyn Community Expansion Project, Bobcaygeon Community Expansion Project, Haldimand Shores Community Expansion Project and Kingston Reinforcement Project.			
	February 22, 2022	Email	Enbridge Gas representative emailed Curve Lake First Nation representative advising payment was completed for the Selwyn Community Expansion Project, Bobcaygeon Community Expansion Project, Haldimand Shores Community Expansion Project and Kingston Reinforcement Project filing fee invoices. Enbridge Gas representative provided the invoices.	Follow Up	Enbridge Gas advised they would provide payment for the two filing fee invoices within the week.	Enbridge Gas provided payment on February 22, 2022.
	March 21, 2022	Email	Email from Enbridge Gas representative to Curve Lake First Nation (CLFN) business partner representative requesting CLFN business partner representative's availability to review comments and responses for the Selwyn Community Expansion Project, Bobcaygeon Community Expansion Project and Haldimand Shores Community Expansion Project. Enbridge Gas representative advised they were available for an in-person meeting if that was acceptable.			

Indigenous Community or Stakeholder	Date	Method	Summary	Interest Type	Interests Description	Interest Outcome
<b>Hiawatha First Nation</b>	December 13, 2021	Email	Email from Enbridge Gas representative to Hiawatha First Nation (HFN) representative providing a Selwyn Community Expansion Project overview and notification letter. Enbridge Gas representative requested feedback or shared knowledge by January 14, 2022 and invited HFN to submit a capacity funding request. The letter provided an overview of the Project, the Project study area and the preliminary preferred Project route. The letter advised an Enbridge Gas contractor would complete an environmental study for Project construction and operation. The letter advised authorization might be required from a potential list of regulatory organizations. The letter requested feedback and suggestions for minimizing or mitigating any potential Project impacts to HFN's Aboriginal and treaty rights and advised Enbridge Gas would provide capacity funding. The letter advised the Ontario Ministry of Energy delegated the procedural aspects for consultation to Enbridge Gas and provided Ontario Ministry of Energy contact information. The letter requested a meeting to discuss the Project and provided Enbridge Gas contact information.			
	January 24, 2022	Email	Email from Enbridge Gas representative to Hiawatha First Nation (HFN) representative providing a Selwyn Community Expansion Project notification letter, notice of study commencement letter and virtual open house letter, which included an invitation for HFN's initial feedback or shared knowledge by February 28, 2022. The Project notification letter provided a Project overview, study area, preferred route, installation location details, environmental study, potential Project authorizations and capacity support. The Project notification letter requested a meeting to discuss the Project, obtain feedback and advised feedback would be accepted until January 14, 2022. The notice of study commencement and virtual open house letter provided an overview of the Project, planning process, Enbridge Gas contractor selection, environmental study and report. The notice of study commencement and virtual open house letter provided a website link to the virtual information session which was open from February 3 to 22, 2022. The notice of study commencement and virtual open house letter requested initial input and comments on the Project were submitted by February 28, 2022. The notice of study commencement and virtual open house letter advised arrangements could be made if HFN was unable to meet that deadline but still interested in participating in the Project consultation process.			
	February 7, 2022	Email	Email from Enbridge Gas representative to Hiawatha First Nation representative introducing themselves as the new community and Indigenous engagement point-of-contact. Enbridge Gas representative provided a reminder for the Selwyn Community Expansion Project virtual open house. Enbridge Gas representative provided a website link to the open house, a website link to an accompanying questionnaire and advised the virtual open house was available from February 3 to February 22, 2022.			
<b>Huron-Wendat Nation</b>	December 13, 2021	Email	Email from Enbridge Gas representative to Huron-Wendat Nation (HWN) representatives providing a Selwyn Community Expansion Project overview and notification letter. Enbridge Gas representative requested feedback or shared knowledge by January 14, 2022 and invited HWN to submit a capacity funding request. The letter provided an overview of the Project, the Project study area and the preliminary preferred Project route. The letter advised an Enbridge Gas contractor would complete an environmental study for Project construction and operation. The letter advised authorization might be required from a potential list of regulatory organizations. The letter requested feedback and suggestions for minimizing or mitigating any potential Project impacts to HWN's Aboriginal and treaty rights and advised Enbridge Gas would provide capacity funding. The letter advised the Ontario Ministry of Energy delegated the procedural aspects for consultation to Enbridge Gas and provided Ontario Ministry of Energy contact information. The letter requested a meeting to discuss the Project and provided Enbridge Gas contact information.			

Indigenous Community or Stakeholder	Date	Method	Summary	Interest Type	Interests Description	Interest Outcome
	January 24, 2022	Email	Email from Enbridge Gas representative to Huron-Wendat Nation (HWN) providing a Selwyn Community Expansion Project notification letter, notice of study commencement letter and virtual open house letter, which included an invitation for HWN's initial feedback or shared knowledge by February 28, 2022. The Project notification letter provided a Project overview, study area, preferred route, installation location details, environmental study, potential Project authorizations and capacity support. The Project notification letter requested a meeting to discuss the Project, obtain feedback and advised feedback would be accepted until January 14, 2022. The notice of study commencement and virtual open house letter provided an overview of the Project, planning process, Enbridge Gas contractor selection, environmental study and report. The notice of study commencement and virtual open house letter provided a website link to the virtual information session which was open from February 3 to 22, 2022. The notice of study commencement and virtual open house letter requested initial input and comments on the Project were submitted by February 28, 2022. The notice of study commencement and virtual open house letter advised arrangements could be made if HWN was unable to meet that deadline but still interested in participating in the Project consultation process.			
	January 24, 2022	Email	Email from Huron-Wendat Nation (HWN) representative to Enbridge Gas representative advising they wished to be consulted for the Project. HWN representative expressed interest in participation in construction monitoring for excavation, archaeological field work, and monitoring. HWN representative requested copies of the draft reports for review and comments. HWN noted funding must be made available to ensure their participation. HWN representative provided contact information for future correspondence regarding the Project. Enbridge Gas representative advised they would work to ensure HWN was included for future archaeological field work. Enbridge Gas representative advised they would give HWN the opportunity to review and comment on draft reports. Enbridge Gas representative advised capacity dollars would be made available to ensure HWN's meaningful participation. Enbridge Gas representative advised they would update their correspondence accordingly.	Inquiry	Huron-Wendat Nation (HWN) expressed interest in participating in archaeological field work.	Enbridge Gas advised they would work to ensure HWN was included for future archaeological field work.
		Inquiry		Huron-Wendat Nation (HWN) expressed interest in participating in construction monitoring for excavation.		
		Inquiry		Huron-Wendat Nation (HWN) expressed interest in participating in monitoring.		
		Inquiry		Huron-Wendat Nation (HWN) requested funding be made available to ensure their participation regarding the Selwyn Community Expansion Project.	Enbridge Gas advised capacity dollars would be made available to ensure HWN's meaningful participation.	
		Inquiry		Huron-Wendat Nation requested copies of the draft reports regarding	Enbridge Gas advised they would give HWN the opportunity to review	



Indigenous Community or Stakeholder	Date	Method	Summary	Interest Type	Interests Description	Interest Outcome
	February 7, 2022	Email	Email from Enbridge Gas representative to Huron-Wendat Nation representative introducing themselves as the new community and Indigenous engagement point-of-contact. Enbridge Gas representative provided a reminder for the Selwyn Community Expansion Project virtual open house. Enbridge Gas representative provided a website link to the open house, a website link to an accompanying questionnaire and advised the virtual open house was available from February 3 to February 22, 2022.		the Selwyn Community Expansion Project for review and comments.	and comment on draft reports.
<b>Kawartha Nishnawbe First Nation</b>	December 13, 2021	Email	Email from Enbridge Gas representative to Kawartha Nishnawbe First Nation (KNFN) representative providing a Selwyn Community Expansion Project overview and notification letter. Enbridge Gas representative requested feedback or shared knowledge by January 14, 2022 and invited KNFN to submit a capacity funding request. The letter provided an overview of the Project, the Project study area and the preliminary preferred Project route. The letter advised an Enbridge Gas contractor would complete an environmental study for Project construction and operation. The letter advised authorization might be required from a potential list of regulatory organizations. The letter requested feedback and suggestions for minimizing or mitigating any potential Project impacts to KNFN's Aboriginal and treaty rights and advised Enbridge Gas would provide capacity funding. The letter advised the Ontario Ministry of Energy delegated the procedural aspects for consultation to Enbridge Gas and provided Ontario Ministry of Energy contact information. The letter requested a meeting to discuss the Project and provided Enbridge Gas contact information.			
	January 24, 2022	Email	Email from Enbridge Gas representative to Chief Kris Nahrhang providing a Selwyn Community Expansion Project notification letter, notice of study commencement letter and virtual open house letter, which included an invitation for Kawartha Nishnawbe First Nation (KNFN)'s initial feedback or shared knowledge by February 28, 2022. The Project notification letter provided a Project overview, study area, preferred route, installation location details, environmental study, potential Project authorizations and capacity support. The Project notification letter requested a meeting to discuss the Project, obtain feedback and advised feedback would be accepted until January 14, 2022. The notice of study commencement and virtual open house letter provided an overview of the Project, planning process, Enbridge Gas contractor selection, environmental study and report. The notice of study commencement and virtual open house letter provided a website link to the virtual information session which was open from February 3 to 22, 2022. The notice of study commencement and virtual open house letter requested initial input and comments on the Project were submitted by February 28, 2022. The notice of study commencement and virtual open house letter advised arrangements could be made if KNFN was unable to meet that deadline but still interested in participating in the Project consultation process.			
	February 7, 2022	Email	Email from Enbridge Gas representative to Kawartha Nishnawbe First Nation representative introducing themselves as the new community and Indigenous engagement point-of-contact. Enbridge Gas representative provided a reminder for the Selwyn Community Expansion Project virtual open house. Enbridge Gas representative provided a website link to the open house, a website link to an accompanying questionnaire and advised the virtual open house was available from February 3 to February 22, 2022.			
<b>Mississaugas of Scugog Island First Nation</b>	December 13, 2021	Email	Email from Enbridge Gas representative to Mississaugas of Scugog Island First Nation (MSIFN) representatives providing a Selwyn Community Expansion Project overview and notification letter. Enbridge Gas representative requested feedback or shared knowledge by January 14, 2022 and invited MSIFN to submit a capacity funding request. The letter provided an overview of the Project, the Project study area and the preliminary preferred Project route. The letter advised an Enbridge Gas contractor would complete an environmental study for Project construction and operation. The letter advised authorization might be required from a potential list of regulatory organizations. The letter requested feedback and suggestions for minimizing or mitigating any potential Project impacts to MSIFN's Aboriginal and treaty rights and advised Enbridge Gas would provide capacity funding. The letter advised the Ontario Ministry of Energy delegated the procedural aspects for consultation to Enbridge Gas and provided Ontario Ministry of Energy contact information. The letter requested a meeting to discuss the Project and provided Enbridge Gas contact information.			

Indigenous Community or Stakeholder	Date	Method	Summary	Interest Type	Interests Description	Interest Outcome
	January 14, 2022	Email	Email from Mississaugas of Scugog Island First Nation (MSIFN) representative to Enbridge Gas representative confirming receipt of the December 13, 2021 Selwyn Community Expansion Project email and letter. MSIFN representative advised MSIFN had no comments at this time.			
	January 24, 2022	Email	Email from Enbridge Gas representative to Mississaugas of Scugog Island First Nation (MSIFN) representative providing a Selwyn Community Expansion Project notification letter, notice of study commencement letter and virtual open house letter, which included an invitation for MSIFN's initial feedback or shared knowledge by February 28, 2022. The Project notification letter provided a Project overview, study area, preferred route, installation location details, environmental study, potential Project authorizations and capacity support. The Project notification letter requested a meeting to discuss the Project, obtain feedback and advised feedback would be accepted until January 14, 2022. The notice of study commencement and virtual open house letter provided an overview of the Project, planning process, Enbridge Gas contractor selection, environmental study and report. The notice of study commencement and virtual open house letter provided a website link to the virtual information session which was open from February 3 to 22, 2022. The notice of study commencement and virtual open house letter requested initial input and comments on the Project were submitted by February 28, 2022. The notice of study commencement and virtual open house letter advised arrangements could be made if MSIFN was unable to meet that deadline but still interested in participating in the Project consultation process.			
	February 7, 2022	Email	Email from Enbridge Gas representative to Mississaugas of Scugog Island First Nation (MSIFN) representatives introducing themselves as the new community and Indigenous engagement point-of-contact. Enbridge Gas representative provided a reminder for the Selwyn Community Expansion Project virtual open house. Enbridge Gas representative provided a website link to the open house, a website link to an accompanying questionnaire and advised the virtual open house was available from February 3 to February 22, 2022.			
	March 1, 2022	Email	Email from Enbridge Gas representative to Mississaugas of Scugog Island First Nation (MSIFN) representative and MSIFN business partner representative providing a February 2022 Project Haldimand Shores Community Expansion Project update, Bobcaygeon Community Expansion Project update, Selwyn Community Expansion Project update, Kingston System Reinforcement Project update and Scarborough Subway Station - Kennedy Road Expansion update. Enbridge Gas representative requested feedback on the project update document and advised they were available for a meeting to discuss the project updates.			



Enbridge Gas Inc.

Selwyn Community Expansion Project Correspondence Tracking - Landowner and Public

N/A - Not Available

Comment Number	Stakeholder Group	Name	Method of Communication	Email	Phone Number	Date of Correspondence	Summary of Comment	Date Response Provided	Summary of Response
N/A - Not Applicable	Directly affected landowner	Stantec on the behalf of Enbridge Gas	Mail	N/A	N/A	8-Nov-21	Notice of Study Commencement mailed November 1, 2021 and delivered to mailboxes November 8, 2021.	N/A	N/A
Appendix B6 - Landowner Reponse #1	Surrounding landowner	[REDACTED]	Email	[REDACTED]@hotmail.com	N/A	18-Jan-22	Resident on [REDACTED] inquired on if the homes north and south of the intersection of 8th Line and Buckhorn Road would be getting natural gas from the Project.	20-Jan-22	Enbridge clarified that they are currently in the planning phase of the Project and working on a proposed pipeline route. While planning a project of this nature, Enbridge noted that they consider several factors, including minimizing social and environmental impacts and serving the greatest number of customers that is economically feasible. To learn more about the proposed pipeline route, ask questions, and provide comments, Enbridge encouraged the landowner to attend the Virtual Information Session (VIS). Lastly, Enbridge noted that as early as June, their Customer Attachment team will start to engage with area residents through information packages detailing how to apply for natural gas, how to get in touch with us to discuss the application process, and discuss converting to natural gas.
Appendix B6 - Landowner Reponse #2	Surrounding landowner	[REDACTED] and [REDACTED]	Email	[REDACTED]@cloud.com	N/A	24-Jan-22	[REDACTED] (cc'ing [REDACTED] and [REDACTED]) noted their concerns of the environmental impact of the project and economic impact on residents. The concerned landowners requested information on where they could share their comments and concerns on the project and requested additional information on the environmental assessment process.	11-Feb-22	Stantec thanked the three concerned citizens for their email and confirmed that the Project is still in the planning phase and that their concerns of the Project would be documented in the ER. Although impacts of the Project are still being identified, Stantec noted that, from a preliminary review of the study area, impacts to socio-economic features are not anticipated to be significant. During construction, the Project will affect residents/business in both positive and adverse ways. Project demands for labor and goods will bring opportunities to the Township of Selwyn. Known adverse, but mostly temporary impacts associated with pipeline construction, include temporary increases in noise, dust, and air emissions, increased construction traffic volumes, and temporary impairment of the use and enjoyment of residential/business properties. To reduce the adverse impacts on socioeconomic features, and environmental features, Stantec confirmed that Enbridge Gas will be applying proven and recommended mitigation measures.
Appendix B6 - Landowner Reponse #3	Surrounding landowner	[REDACTED]	Email	[REDACTED]@gmail.com	N/A	20-Jan-22	Resident noted that they are in support of the Project and requested information on if the Project would be delivering natural gas to the residents home in [REDACTED] as well as their properties in [REDACTED].	26-Jan-22	Stantec thanked the resident for their email and noted that based on a review of their home and properties, it appears that their properties in Selwyn are located within the scope of the Study Area. However, the residents home appears to be outside the Study Area and so it is unlikely they would receive natural gas from this Project at their home. For their interest, Stantec noted that if the resident is interested in connecting their Selwyn properties to natural gas, as early as June the Enbridge Customer Attachment team will start to engage with area residents through information packages detailing how to apply for natural gas, how to get in touch with Enbridge to discuss the application process, and discuss converting to natural gas. Stantec also noted that Enbridge has internal departments that operate independent of any government-funded community expansion project, who work with local contractors in the area to provide service to new customers through natural gas main extensions. Enbridge typically reviews these customer-driven inquiries after the community expansion project is constructed. By including the Enbridge CEAPPLICATIONS@enbridge.com team in this chain, the residents interest in connecting their home to natural gas will be captured and passed along to the Enbridge internal department for review. To further show their interest in having their home included for possible future funding programs, Stantec suggested that the resident reach out to their municipality and local councillor to let them know their interest.
N/A	Surrounding landowner	[REDACTED]	Phone	[REDACTED]@persona.ca	[REDACTED]	31-Jan-22	Resident at [REDACTED] left a voicemail regarding the extent of the Project on Selwyn Road and the possibility of being connected to natural gas line.	2-Feb-22	Stantec returned the call and provided further information on the Project and the extent of the PR and noted they would follow-up with more information via email. (See correspondence below).
Appendix B6 - Landowner Reponse #4	Surrounding landowner	[REDACTED]	Email	[REDACTED]@persona.ca			Stantec followed up with the residents phone call and noted that, as discussed, their home falls outside the scope of the Project. Stantec noted that Enbridge typically reviews customer-driven inquiries after the community expansion project is constructed. By including the Enbridge CEAPPLICATIONS@enbridge.com team in this chain, the residents interest in connecting their home to natural gas will be captured and passed along to the Enbridge internal department for review. To further show their interest in having their home included for possible future funding programs, Stantec suggested that the resident reach out to their municipality and local councillor to let them know their interest.	4-Feb-22	The resident thanked Stantec for their email.
N/A	Surrounding landowner	[REDACTED]	Phone	N/A	[REDACTED]	3-Feb-22	Resident on [REDACTED] had questions regarding the extent of the Project on Selwyn Road and the possibility of being connected to the natural gas line. Stantec clarified the residents questions on the location of the PR. It was determined that the resident's home, as it is located outside the Project study area, would likely not receive natural gas as part of this Project. Stantec provided the resident with the Enbridge CEAPPLICATIONS@enbridge.com team email from them to express their interest in being connected to natural gas for future projects.	N/A	N/A
Appendix B6 - Landowner Reponse #5		[REDACTED]		[REDACTED]@bell.net	N/A	8-Feb-22	Resident at [REDACTED] inquired on the possibility of having their home be connected to natural gas. The resident also asked for a copy of the Notice of Commencement and VIS letter.	8-Feb-22	Stantec called the resident then followed-up via email with a copy of the letter to residents on the Notice of Commencement and VIS. Stantec also provided details on how the landowner could connect their property to the natural gas line of this Project and provided a link to the VIS for their interest.

**Enbridge Gas Inc.**  
**Selwyn Community Expansion Project Correspondence Tracking - Landowner and Public**

Comment Number	Stakeholder Group	Name	Method of Communication	Email	Phone Number	Date of Correspondence	Summary of Comment	Date Response Provided	Summary of Response
Appendix B6 - Landowner Reponse #5.1					N/A	22-Feb-22	The resident followed up in a separate email and inquired on how they fill out an application to connect with natural gas.	22-Feb-22	<p>Stantec asked the landowner if they received their email from Feb 8, 2022, which detailed how to fill out an application.</p> <p>22-Feb-22, the landowner noted they had received the email and was now interested in next steps.</p> <p>4-March-22, Stantec provided the landowner with next steps and reiterated that in June, the Enbridge Customer Attachment team will start to engage with area residents through information packages detailing how to apply for natural gas and discuss if converting to natural gas is the right choice for their property. Stantec noted that if they require assistance filling out the application to connect with natural gas in June, the Enbridge Customer Attachment team will be there to help.</p> <p>4-March-22, the landowner thanked Stantec for the above information and followed up with additional questions on the cost to connect to the pipeline.</p> <p>9-March-22, Stantec responded to the landowner and explained that customer connection costs are based on existing customer connection policies, approved by the Ontario Energy Board. If the customer is in the area previously served by Enbridge Gas Distribution, Enbridge Gas will provide and install, at no cost, one service line per civic address to new customers provided that:</p> <ul style="list-style-type: none"> <li>-&gt;The distance between the owner's property line and the front wall of house/building is 20 meters or less; and</li> <li>-&gt;The distance between the front wall of house/building and the selected meter location is 2 meters or less.</li> <li>-&gt;Service and meter installation more than these distances will result in additional charges of \$32 per meter (plus Applicable Taxes).</li> </ul> <p>In response to the landowners completed VIS questionnaire, Stantec, in the same email, also provided comments on concerns the landowner expressed in the questionnaire. Specifically, Stantec, addressed their concern about having water quality issues ever since the Project began. Stantec clarified that the Project has not entered the construction phase and is thus, not the cause for water quality issues you are facing. The Project will be entering construction in late Q4 of 2022 / early 2023. During the construction phase, Enbridge is aware that potential impacts to water quality and quantity may occur and will be applying mitigation and protective measures to reduce impacts. Where blasting is required, well owners within 100 m of the preferred pipeline trench will be provided the option to participate in a Water Well Monitoring Program prior to construction to determine pre-construction quality and quantity conditions. Prior to construction, Enbridge, or the constructor operating on their behalf, will be reaching out to landowners who may be impacted by blasting or have a well within 10 m of the pipeline trench to participate in the Water Well Monitoring program. This monitoring program will include pre-construction, construction, and post-construction water quality monitoring to assess the effects of the Project on private water wells.</p>
Appendix B6 - Landowner Reponse #6	Surrounding landowner		Phone			2-Mar-22	Landowner at [redacted] indicated their interested in receiving natural gas from this project. On the call, Stantec described the extent of the proposed pipeline route and noted that their property is outside the study area and therefore it is unlikely they would be connected to natural gas through this project.	4-Mar-22	<p>Stantec followed-up with email with details on how their interested in receiving natural gas could be documented by Enbridge and noted for future expansion projects.</p>



**Enbridge Gas Inc.**

**Selwyn Community Expansion Project Correspondence Tracking - Virtual Information Session (VIS)**

Comment Number	Stakeholder Group	Correspondent	Address	Email	Phone Number	Method of Communication	Date of Correspondence	Responses Provided	Date Response Provided	Summary of Response
See copy of the questionnaire provided in Appendix B5	N/A	Stantec on the behalf of Enbridge Gas	N/A	N/A	N/A	Virtual Information Session Questionnaire	8-Nov-21	See Appendix B5 for a blank copy of the questionnaire provided during the Virtual Information Session (VIS).	N/A	N/A
See copy of completed questionnaire provided in Appendix B6 - Completed Questionnaire #1	Surrounding landowner/Resident interested in natural gas conversion	██████████	██████████	██████████@hotmail.com	██████████	Virtual Information Session Questionnaire	6-Feb-22	<ol style="list-style-type: none"> <li>1. Surrounding landowner/Resident interested in natural gas conversion.</li> <li>2. I would like it to include opportunities for other communities to access natural gas. ██████████ is a community of 110 homes that would benefit from the opportunity to connect to natural gas. There are new communities being built yearly in this area and it will continue to grow to support the costs of extending the infrastructure.</li> <li>3. No response provided.</li> <li>4. No response provided.</li> <li>5. No response provided.</li> <li>6. No response provided.</li> <li>7. There was a lot of really good content.</li> <li>8. Project Notification Letter.</li> <li>9. No response provided.</li> </ol>	7-Feb-22	Stantec thanked the landowner for attending the VIS and responded to their questions on the extent of the running line and scope of the Project. The Stantec representative noted that ██████████ is outside the scope of this Project. Although ██████████ would not be receiving natural gas from this pipeline, Stantec provided the respondents email to the CEAPPLICATIONS@enbridge.com team so that their interest in receiving natural gas could be recorded and considered as a possible location of future community expansion projects.
See copy of completed questionnaire provided in Appendix B6 - Completed Questionnaire #2	Surrounding landowner/Resident interested in natural gas conversion	██████████	██████████	██████████@nexicom.net	██████████	Virtual Information Session Questionnaire	9-Feb-22	<ol style="list-style-type: none"> <li>1. Surrounding landowner/Resident interested in natural gas conversion.</li> <li>2. Good to have increase in natural gas in the area.</li> <li>3. Not the way it is shown as I live on ██████████ which has maybe more potential customers than the 8th line..</li> <li>4. Ability to later connect to the ██████████.</li> <li>5. Yes.</li> <li>6. No.</li> <li>7. Yes.</li> <li>8. Project Notification Letter.</li> <li>9. Just as indicated.</li> </ol>	N/A	N/A
See copy of completed questionnaire provided in Appendix B6 - Completed Questionnaire #3	Surrounding landowner/Resident interested in natural gas conversion	██████████	██████████	██████████@gmail.com	██████████	Virtual Information Session Questionnaire	9-Feb-22	<ol style="list-style-type: none"> <li>1. Surrounding landowner/Resident interested in natural gas conversion.</li> <li>2. I would like to see it connect to 8th Line south down Centre Line to an existing pipe at 5th Line.</li> <li>3. No response provided.</li> <li>4. No response provided.</li> <li>5. No response provided.</li> <li>6. No response provided.</li> <li>7. No response provided.</li> <li>8. Project Notification Letter.</li> <li>9. No response provided.</li> </ol>	N/A	N/A
See copy of completed questionnaire provided in Appendix B6 - Completed Questionnaire #4	Interested citizen/Member of interest group	██████████	██████████	██████████@rethinkgroup.ca	██████████	Virtual Information Session Questionnaire	17-Feb-22	<ol style="list-style-type: none"> <li>1. Interested citizen/Member of interest group.</li> <li>2. Since natural gas is one of the most damaging greenhouse gas emissions, expanding the supply of natural gas to more homes, businesses and institutions is absolutely the WRONG thing to do, especially given that a decision to convert to natural gas as an energy source will result in increased emission of this greenhouse gas for decades. The investment by the Province of Ontario in this endeavor would be MUCH better allocated to providing incentives to convert to electric air source heat pump furnaces, increase the energy efficiency of buildings, and expand Ontario's low carbon electricity grid.</li> <li>3. Not directly. However, it will lead to an increase in the level of greenhouse gas emissions in the atmosphere indefinitely.</li> <li>4. No response provided.</li> <li>5. Yes.</li> <li>6. No.</li> <li>7. Yes.</li> <li>8. Project Notification Letter.</li> <li>9. See answers 2 and 3.</li> </ol>	N/A	N/A
See copy of completed questionnaire provided in Appendix B6 - Completed Questionnaire #5	Concerned nearby resident	██████████	Not provided	Not provided	Not provided	Virtual Information Session Questionnaire	22-Feb-22	<ol style="list-style-type: none"> <li>1. Concerned nearby resident.</li> <li>2. My view of the project is that it is not economically nor environmentally viable for the residents and businesses it will affect as well as the rest of the area and world that will be affected by the increase in greenhouse gas emissions. Residents will have to pay a hook up fee as well as a monthly rate, when the time comes, which it will soon to switch to electric, residents will have to pay even more to convert. It simply does not make sense to continue to push through environmentally harmful and damaging projects in 2022, we are in a climate emergency and this project is continuing to fuel the crisis not address it. I am embarrassed and upset to see a project like this going in so near to me. I believe there are many other alternatives for the residents, province and Enbridge including district heating, air source heat pumps and more. The proposed project will not be beneficial in the long term, nor in the short term. I would like to see this project reconsidered.</li> <li>3. The increase in Green house gas emissions will affect me as a young person growing up in this world, to address it, please consider the need to create this project and more sustainable alternatives.</li> <li>4. Please consider the environmental impact of natural gas it's self. Please go beyond the land that will be damaged to put the pipeline in place (which is important), a pipeline and the gas it's transporting is a direct contributor to climate change and this is crucial to the environmental study.</li> <li>5. No response provided.</li> <li>6. No response provided.</li> <li>7. No response provided.</li> <li>8. No response provided.</li> <li>9. No response provided.</li> </ol>	N/A	N/A
See copy of completed questionnaire provided in Appendix B6 - Completed Questionnaire #6	Surrounding landowner/Resident interested in natural gas conversion	██████████	██████████	██████████@bell.net	██████████	Virtual Information Session Questionnaire	22-Feb-22	<ol style="list-style-type: none"> <li>1. Surrounding landowner/Resident interested in natural gas conversion.</li> <li>2. I agree with the Project.</li> <li>3. Every since the project started we have been having trouble with are water.</li> <li>4. No response provided.</li> <li>5. Yes.</li> <li>6. I am need an application for the natural gas, I believe that the neighboring both side of us already have the gas line going up to and into the houses.</li> <li>7. Yes.</li> <li>8. Project Notification Letter.</li> </ol>	9-Mar-22	As the landowner provided similar questions through the Project email, Stantec responded to their concerns/comments in the questionnaire through ongoing email correspondence. See item 5.1 of the Landowner and Public tracking table for Stantec's response to question 3 and question 6.

**From:** [Ginter, Kayla](#)  
**To:** [Orpana, Jon \(MECP\)](#)  
**Cc:** [Revak, Chris](#)  
**Subject:** RE: Selwyn Community Expansion Project – Notice of Commencement and Virtual Information Session  
**Date:** Friday, April 1, 2022 2:15:00 PM  
**Attachments:** [EGI\\_Selwyn\\_stn\\_20220118.zip](#)

---

Good afternoon Jon,

My sincere apologies if you didn't receive the attached shapefile for the Project or are receiving the attached for a second time. I am just going through the process of finalizing the Environmental Report for the Selwyn project and for the life of me was unable to find a returned correspondence to your email below. I was out of the office the third week of January and was sending emails out by way of phone. Perhaps the attached was provided by another colleague of mine which would explain why I can not track this correspondence through my own sent folder. If you could provide receipt of the attached, I would greatly appreciate that. The Environmental Report will be published on the [Enbridge Gas project website](#) by EOD Monday, April 4<sup>th</sup>. In the Report, we of course, outline the existing conditions and mitigation and protection measures. If MECP has any comments on the Environmental Report or Project, please send those to comments to me or the Project Team ([SelwynEA@stantec.com](mailto:SelwynEA@stantec.com)) and we will record/address your comments.

Warmly,

**Kayla Ginter** M.ES. (Planning), OPPI Candidate  
Environmental Planner

---

**From:** Orpana, Jon (MECP) <[Jon.Orpana@ontario.ca](mailto:Jon.Orpana@ontario.ca)>  
**Sent:** Tuesday, January 18, 2022 11:52 AM  
**To:** Gasser, Matthew <[Matthew.Gasser@stantec.com](mailto:Matthew.Gasser@stantec.com)>  
**Cc:** Ginter, Kayla <[Kayla.Ginter@stantec.com](mailto:Kayla.Ginter@stantec.com)>; Knight, Mark <[Mark.Knight@stantec.com](mailto:Mark.Knight@stantec.com)>  
**Subject:** RE: Selwyn Community Expansion Project – Notice of Commencement and Virtual Information Session

Hello Matthew,

Could you send us a copy of the supporting shape file for this route to facilitate a map at our end for an internal review.

Thanks so much!

Jon

Jon K. Orpana  
Regional Environmental Planner  
Environmental Assessment Branch  
Ministry of the Environment, Conservation and Parks  
Kingston Regional Office  
PO Box 22032, 1259 Gardiners Road  
Kingston, Ontario

K7M 8S5

Phone: (613) 548-6918

Fax: (613) 548-6908

Email: [jon.orpana@ontario.ca](mailto:jon.orpana@ontario.ca)

---

**From:** Gasser, Matthew <[Matthew.Gasser@stantec.com](mailto:Matthew.Gasser@stantec.com)>  
**Sent:** January 18, 2022 11:33 AM  
**To:** Orpana, Jon (MECP) <[Jon.Orpana@ontario.ca](mailto:Jon.Orpana@ontario.ca)>  
**Cc:** Ginter, Kayla <[Kayla.Ginter@stantec.com](mailto:Kayla.Ginter@stantec.com)>; Knight, Mark <[Mark.Knight@stantec.com](mailto:Mark.Knight@stantec.com)>  
**Subject:** Selwyn Community Expansion Project – Notice of Commencement and Virtual Information Session

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Good Morning,

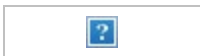
Please find attached a Notice of Commencement and Virtual Information Session for the Enbridge Gas Inc. Selwyn Community Expansion Project.

Kind regards,

**Matthew Gasser** BES  
Environmental Consultant

[Matthew.Gasser@stantec.com](mailto:Matthew.Gasser@stantec.com)

Stantec  
300W-675 Cochrane Drive  
Markham ON L3R 0B8



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**From:** [Fuller, Jacqueline \(MECP\)](#)  
**To:** [Gasser, Matthew](#); [Redmond, Courtney \(MECP\)](#)  
**Cc:** [Ginter, Kayla](#); [Knight, Mark](#)  
**Subject:** Re: Selwyn Community Expansion Project – Notice of Commencement and Virtual Information Session  
**Date:** Tuesday, January 18, 2022 11:15:08 AM

---

Please ensure any further correspondence regarding this project is sent to the attention of Courtney Redmond.

Thank you  
Get [Outlook for iOS](#)

---

**From:** Gasser, Matthew <Matthew.Gasser@stantec.com>  
**Sent:** Tuesday, January 18, 2022 11:10:43 AM  
**To:** Fuller, Jacqueline (MECP) <Jacqueline.Fuller@ontario.ca>  
**Cc:** Ginter, Kayla <Kayla.Ginter@stantec.com>; Knight, Mark <Mark.Knight@stantec.com>  
**Subject:** Selwyn Community Expansion Project – Notice of Commencement and Virtual Information Session

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

Good Morning,

Please find attached a Notice of Commencement and Virtual Information Session for the Enbridge Gas Inc. Selwyn Community Expansion Project.

Kind regards,

**Matthew Gasser** BES  
Environmental Consultant

[Matthew.Gasser@stantec.com](mailto:Matthew.Gasser@stantec.com)

Stantec  
300W-675 Cochrane Drive  
Markham ON L3R 0B8



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**From:** [Sonia Fazari](#)  
**To:** [Ginter, Kayla](#)  
**Subject:** FW: [External] (Automatic Reply) Thank you for contacting the County of Peterborough  
**Date:** Tuesday, January 18, 2022 3:25:17 PM

---

**From:** noreply@ptbocounty.ca <noreply@ptbocounty.ca>  
**Sent:** Tuesday, January 18, 2022 2:49 PM  
**To:** Sonia Fazari <Sonia.Fazari@enbridge.com>  
**Subject:** [External] (Automatic Reply) Thank you for contacting the County of Peterborough

**CAUTION: EXTERNAL EMAIL**

This email originated from outside Enbridge and could be a phish. Criminals can pretend to be anyone. Do not interact with the email unless you are 100% certain it is legitimate. Report any suspicious emails.

This message is to confirm receipt of your recent email to Peterborough County.

Thank you,

Peterborough County

---

**Your Name:**

Sonia Fazari

**Subject:**

Enbridge Gas Selwyn System Expansion Project

**Your Message:**

Dear Planning Department,

Please find attached a Notice of Commencement and Virtual Information Session invitation for the Enbridge Gas Inc. Selwyn Community Expansion Project. I have also included a copy of the newspaper ad that will be published in the Lakefield Herald on January 21 and 28 and Peterborough This Week on January 20 and 27 promoting the virtual open house.

The attached information has also been shared with the Township of Selwyn Mayor and Council for their information and reference. However, should you or anyone else on your team have any questions regarding the project please do not hesitate to reach out. We look forward to working with you and your team on this very important project!



Sincerely,

Sonia Fazari  
Sr. Advisor, Municipal & Stakeholder Engagement  
Enbridge Gas Inc.  
C: 416-525-2497

**From:** [ONT Environment / Environnement ONT](#)  
**To:** [Gasser, Matthew](#)  
**Cc:** [Ginter, Kayla](#); [Knight, Mark](#)  
**Subject:** RE: Selwyn Community Expansion Project – Notice of Commencement and Virtual Information Session  
**Date:** Friday, January 21, 2022 8:45:34 AM  
**Attachments:** [Transport Canada.pdf](#)

---

Greetings,

Thank you for your correspondence.

Please note Transport Canada **does not** require receipt of all individual or Class EA related notifications. We are requesting project proponents self-assess if their project:

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/](http://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>.

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 *Impact Assessment Act, 2019*.

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 *electronically* to: [EnviroOnt@tc.gc.ca](mailto:EnviroOnt@tc.gc.ca) with a **brief description of Transport Canada's expected role**.

\*Below is a summary of the most common Acts that have applied to projects in an Environmental Assessment context:

- **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](mailto:NPPONT-PPNONT@tc.gc.ca) or by calling (519) 383-1863.
- **Railway Safety Act (RSA)** – the Act 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](mailto: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](mailto:TDG-TMDOntario@tc.gc.ca) or by calling (416) 973-1868.

- **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](mailto:tc.aviationservicesont-servicesaviationont.tc@tc.gc.ca) or by calling 1 (800) 305-2059 / (416) 952-0230.

Please advise if additional information is needed.

Thank you,

**Environmental Assessment Program**, Ontario Region

Transport Canada / Government of Canada / 4900 Yonge St., Toronto, ON M2N 6A5  
[EnviroOnt@tc.gc.ca](mailto:EnviroOnt@tc.gc.ca) / Facsimile : (416) 952-0514 / TTY: 1-888-675-6863

**Programme d'évaluation environnementale**, Région de l'Ontario

Transports Canada / Gouvernement du Canada / 4900, rue Yonge, Toronto, ON, M2N 6A5  
[EnviroOnt@tc.gc.ca](mailto:EnviroOnt@tc.gc.ca) / télécopieur: (416) 952-0514

---

**From:** Gasser, Matthew <Matthew.Gasser@stantec.com>

**Sent:** Tuesday, January 18, 2022 11:57 AM

**To:** ONT Environment / Environnement ONT <EnviroOnt@tc.gc.ca>

**Cc:** Ginter, Kayla <Kayla.Ginter@stantec.com>; Knight, Mark <Mark.Knight@stantec.com>

**Subject:** Selwyn Community Expansion Project – Notice of Commencement and Virtual Information Session

Good Morning,

Please find attached a Notice of Commencement and Virtual Information Session for the Enbridge Gas Inc. Selwyn Community Expansion Project.

Kind regards,

**Matthew Gasser** BES  
Environmental Consultant

[Matthew.Gasser@stantec.com](mailto:Matthew.Gasser@stantec.com)

Stantec  
300W-675 Cochrane Drive  
Markham ON L3R 0B8



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**From:** [Species at Risk \(MECP\)](#)  
**To:** [Gasser, Matthew](#)  
**Cc:** [Ginter, Kayla](#); [Knight, Mark](#)  
**Subject:** RE: Selwyn Community Expansion Project – Notice of Commencement and Virtual Information Session  
**Date:** Wednesday, February 2, 2022 3:06:47 PM

---

Good afternoon Mr. Gasser,  
Your file has been assigned to me for triaged review. Once I have completed my review, I will contact you directly to discuss. Please Note: We continue to experience a large volume of requests at this time and thank you for your continued patience.

**Monique Charette**

Management Biologist  
Ministry of the Environment, Conservation and Parks  
Permissions and Compliance Section  
Species At Risk Branch  
(613) 583-3162

---

**From:** Gasser, Matthew <Matthew.Gasser@stantec.com>  
**Sent:** January 18, 2022 11:31 AM  
**To:** Species at Risk (MECP) <SAROntario@ontario.ca>  
**Cc:** Ginter, Kayla <Kayla.Ginter@stantec.com>; Knight, Mark <Mark.Knight@stantec.com>  
**Subject:** Selwyn Community Expansion Project – Notice of Commencement and Virtual Information Session

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Good Morning,

Please find attached a Notice of Commencement and Virtual Information Session for the Enbridge Gas Inc. Selwyn Community Expansion Project.

Kind regards,

**Matthew Gasser** BES  
Environmental Consultant

[Matthew.Gasser@stantec.com](mailto:Matthew.Gasser@stantec.com)

Stantec  
300W-675 Cochrane Drive  
Markham ON L3R 0B8



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**From:** [Ginter, Kayla](#)  
**To:** [Gitkow, Alexandre \(MTO\)](#)  
**Cc:** [Green, Kate \(MTO\)](#); [Sharma, Prabin \(MTO\)](#); [Waters, Darren \(MTO\)](#); [Rodek, Amanda \(MTO\)](#); [Revak, Chris](#); [Gasser, Matthew](#)  
**Subject:** RE: Selwyn Community Expansion Project – Notice of Commencement and Virtual Information Session  
**Date:** Monday, February 7, 2022 9:42:00 AM

---

Good morning Alexandre,

Thank you for your email. The running line appears to be approximately 1.36 km from the MTO designated property on and around Buckhorn Road south of 7<sup>th</sup> Line. Should the scope of the route change, we will reach out accordingly.

Have a nice day,

**Kayla Ginter** M.ES. (Planning), OPPI Candidate  
Environmental Planner

---

**From:** Gitkow, Alexandre (MTO) <Alexandre.Gitkow@ontario.ca>  
**Sent:** Thursday, February 3, 2022 1:02 PM  
**To:** Gasser, Matthew <Matthew.Gasser@stantec.com>  
**Cc:** Ginter, Kayla <Kayla.Ginter@stantec.com>; Knight, Mark <Mark.Knight@stantec.com>; Green, Kate (MTO) <Kate.Green1@ontario.ca>; Sharma, Prabin (MTO) <Prabin.Sharma@ontario.ca>; Waters, Darren (MTO) <Darren.Waters@ontario.ca>; Rodek, Amanda (MTO) <Amanda.Rodek@ontario.ca>  
**Subject:** RE: Selwyn Community Expansion Project – Notice of Commencement and Virtual Information Session

Good Afternoon Mr. Gasser,

Please see attached the MTO comment for the Selwyn Community Expansion Project.

Please do not hesitate to contact me should you require more information.

Sincerely Yours,

Alexandre Gitkow  
Corridor Management Officer (Utility)  
Corridor Management Section | East Operations  
Ministry of Transportation (MTO)  
1355 John Counter Boulevard,  
Kingston, ON K7L 5A3  
Cell: 613-323-1253 | Email: [Alexandre.Gitkow@Ontario.ca](mailto:Alexandre.Gitkow@Ontario.ca)

---

**From:** Gasser, Matthew <[Matthew.Gasser@stantec.com](mailto:Matthew.Gasser@stantec.com)>  
**Sent:** January 18, 2022 11:13 AM  
**To:** Gitkow, Alexandre (MTO) <[Alexandre.Gitkow@ontario.ca](mailto:Alexandre.Gitkow@ontario.ca)>  
**Cc:** Ginter, Kayla <[Kayla.Ginter@stantec.com](mailto:Kayla.Ginter@stantec.com)>; Knight, Mark <[Mark.Knight@stantec.com](mailto:Mark.Knight@stantec.com)>  
**Subject:** Selwyn Community Expansion Project – Notice of Commencement and Virtual Information

Session

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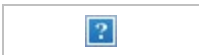
Please find attached a Notice of Commencement and Virtual Information Session for the Enbridge Gas Inc. Selwyn Community Expansion Project.

Kind regards,

**Matthew Gasser** BES  
Environmental Consultant

[Matthew.Gasser@stantec.com](mailto:Matthew.Gasser@stantec.com)

Stantec  
300W-675 Cochrane Drive  
Markham ON L3R 0B8



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**Ministry of Transportation**

Corridor Management Section  
1355 John Counter Boulevard  
Postal Bag 4000  
Kingston, Ontario K7L 5A3  
Tel.: 613 323-1253  
Fax: 613-540-5106  
[Alexandre.gitkow@ontario.ca](mailto:Alexandre.gitkow@ontario.ca)

**Ministère des Transports**

Section de gestion des couloirs routiers  
1355, boulevard John Counter  
CP/Service de sacs 4000  
Kingston (Ontario) K7L 5A3  
Tél.: 613 323-1253  
Télééc. 613 540-5106



February 3, 2022

Matthew Gasser  
Environmental Consultant  
Stantec  
300W-675 Cochrane Drive,  
Markham ON  
L3R 0B8

Via email: [SelwynEA@stantec.com](mailto:SelwynEA@stantec.com)

Dear Matthew Gasser:

**Re: Enbridge Gas Inc. – Selwyn Community Expansion Project, Notice of Study Commencement and Virtual Information Session**

Thank you for circulating the notice of commencement for the Enbridge proposed Selwyn Community Expansion Project, Notice of Study Commencement and Virtual Information Session to the Ministry of Transportation (MTO) for review and comments. As you are aware, under the Public Transportation and Highway Improvement Act (PTHIA), the ministry, through the issuance of permits, has a control area that includes the Highway right of way corridor, and an area of 395 metres radius around each interchange/intersection and 45 m from the highway property limit. MTO review, approval and permits are required prior to the issuance of any other permits. This also includes any pre-engineering work that you may require.

An Encroachment Permit or other Permit or approval required by the Ministry must be obtained prior to any construction occurring on site. The construction or operation of works within the limits of the right-of-way of a highway by other than the Ministry or its agent shall be considered an encroachment, and any application will also be required to be submitted with a full Traffic Management Plan in accordance with Book 7 requirements, including any restrictions required by MTO such as hours of work, etc.

The MTO has reviewed the Selwyn Community Expansion Project and we have the following preliminary comment. The proposed project looks to be outside MTO jurisdiction and/or property, but the MTO as a designation (designated but not owned) on and around Buckhorn Road south of 7<sup>th</sup> Line, so if your proposed work fall within 400m of Buckhorn Road and 7<sup>th</sup> line, we want to know and will need to review in more detail, if not, we have no issue or comments on the project. If the project scope or route change the MTO would need to review and comment again.

If Stantec or Enbridge require more detail or need to provided more information (if you're in 400m of Buckhorn Road & 7<sup>th</sup> line) please direct your request or info to me at: [Alexandre.Gitkow@ontario.ca](mailto:Alexandre.Gitkow@ontario.ca).

Sincerely Yours,

Alexandre Gitkow  
Corridor Management Officer

cc. Kate Green, Ministry of Transportation, Corridor Management Head  
Prabin Sharma, Ministry of Transportation, Corridor Senior Project Manager  
Darren Waters, Ministry of Transportation, Area Manager Highway Engineering  
Amanda Rodek, Ministry of Transportation, Program Analyst

**From:** [Rodek, Amanda \(MTO\)](#)  
**To:** [Gasser, Matthew](#)  
**Cc:** [Ginter, Kayla](#)  
**Subject:** RE: Selwyn Community Expansion Project – Notice of Commencement and Virtual Information Session  
**Date:** Monday, February 14, 2022 10:03:10 AM  
**Attachments:** [RE Selwyn Community Expansion Project Notice of Commencement and Virtual Information Session .msg](#)

---

Hi Matthew,

Stantec's, January 18, 2022 email to Tony Di Fabio regarding the Selwyn Community Expansion Project – Notice of Commencement and Virtual Information Session, has been forwarded to my attention for review and response.

Please find the following comments from the Ministry of Transportation for your consideration regarding the proposed project:

- Ministry of Transportation – East Region provided comments via email on February 3, 2022 (see attached), MTO has no additional comments

Have a great day!

Thanks.

Amanda Rodek  
Program Analyst  
Ministry of Transportation  
Corridor Management Office  
301 St. Paul Street  
St. Catharines, ON L2R 7R4  
Tel. (905) 704-2916

---

**From:** Gasser, Matthew <[Matthew.Gasser@stantec.com](mailto:Matthew.Gasser@stantec.com)>  
**Sent:** January 18, 2022 11:04 AM  
**To:** Di Fabio, Tony (MTO) <[Tony.DiFabio@ontario.ca](mailto:Tony.DiFabio@ontario.ca)>  
**Cc:** Ginter, Kayla <[Kayla.Ginter@stantec.com](mailto:Kayla.Ginter@stantec.com)>; Knight, Mark <[Mark.Knight@stantec.com](mailto:Mark.Knight@stantec.com)>  
**Subject:** Selwyn Community Expansion Project – Notice of Commencement and Virtual Information Session

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

Good Morning,

Please find attached a Notice of Commencement and Virtual Information Session for the Enbridge Gas Inc. Selwyn Community Expansion Project.

Kind regards,

**Matthew Gasser** BES  
Environmental Consultant

[Matthew.Gasser@stantec.com](mailto:Matthew.Gasser@stantec.com)

Stantec  
300W-675 Cochrane Drive  
Markham ON L3R 0B8



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**Please consider the environment before printing this email.**

**From:** [Mallon, Jack \(MHSTCI\)](#)  
**To:** [Ginter, Kayla](#)  
**Cc:** [George Tatolis](#); [Revak, Chris](#)  
**Subject:** Re: Selwyn Community Expansion Project – Virtual Information Session  
**Date:** Monday, February 28, 2022 11:28:22 AM

---

Many thanks Kayla and George!

Best,

Jack Mallon

Heritage Planner

Heritage Planning Unit | Programs and Services Branch

Heritage, Tourism and Culture Division

Ministry of Heritage, Sport, Tourism and Culture Industries

Phone: 437-522-6582

---

**From:** Ginter, Kayla <Kayla.Ginter@stantec.com>  
**Sent:** February 28, 2022 11:24 AM  
**To:** Mallon, Jack (MHSTCI) <Jack.Mallon@ontario.ca>  
**Cc:** George Tatolis <george.tatolis@enbridge.com>; Revak, Chris <Chris.Revak@stantec.com>  
**Subject:** RE: Selwyn Community Expansion Project – Virtual Information Session

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

Good morning Jack and George,

Absolutely! Attached please find the script, Virtual House Presentation slides, and questionnaire.

Warmly,

**Kayla Ginter** M.ES. (Planning), OPPI Candidate  
Environmental Planner

---

**From:** George Tatolis <george.tatolis@enbridge.com>  
**Sent:** Monday, February 28, 2022 10:36 AM  
**To:** Mallon, Jack (MHSTCI) <Jack.Mallon@ontario.ca>; Revak, Chris <Chris.Revak@stantec.com>; Ginter, Kayla <Kayla.Ginter@stantec.com>  
**Subject:** RE: Selwyn Community Expansion Project – Virtual Information Session

Good morning Jack. I have copied Chris and Kayla from Stantec on this e-mail. They will get you what you need.

Chris and Kayla please see message from Jack below.

Thanks,

**George Tatolis** (he/him), C.E.T, B.E.S (Hons), M.E.S  
Environmental Permitting Advisor  
**Lands, Permitting & Environment**

---

**ENBRIDGE**

TEL: 416-495-6785 | CELL: 437-998-2873 | [george.tatolis@enbridge.com](mailto:george.tatolis@enbridge.com)  
500 Consumers Road, North York, ON, M2J 1P8

[enbridge.com](http://enbridge.com)

**Safety. Integrity. Respect. Inclusion.**

---

**From:** Mallon, Jack (MHSTCI) <[Jack.Mallon@ontario.ca](mailto:Jack.Mallon@ontario.ca)>

**Sent:** Monday, February 28, 2022 10:31 AM

**To:** George Tatolis <[george.tatolis@enbridge.com](mailto:george.tatolis@enbridge.com)>

**Subject:** [External] Selwyn Community Expansion Project – Virtual Information Session

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Good morning George,

Could you provide me with the VIC slides or direct me where I can view them if they are available online? I didn't download them before the end of the VIC.

Best,

Jack Mallon

Heritage Planner

Heritage Planning Unit | Programs and Services Branch

Heritage, Tourism and Culture Division

Ministry of Heritage, Sport, Tourism and Culture Industries

Phone: 437-522-6582

**From:** [Mallon, Jack \(MHSTCI\)](#)  
**To:** [Sonia.Fazari@enbridge.com](mailto:Sonia.Fazari@enbridge.com)  
**Cc:** [Barboza, Karla \(MHSTCI\)](#); [George.Tatolis@enbridge.com](mailto:George.Tatolis@enbridge.com); [Ginter, Kayla](#); [Zora Crnojacki \(She/Her\)](#)  
**Subject:** MHSTCI Letter - Selwyn Community Expansion Project  
**Date:** Monday, February 28, 2022 3:18:45 PM  
**Attachments:** [2022-02-28-Selwyn-Expansion-Project-Commencement-MHSTCI-Letter.pdf](#)

---

Good afternoon,

Please see the attached MHSTCI letter in response to the Notice of Commencement and Virtual Information Session for the Selwyn Community Expansion Project.

Do not hesitate to contact me if you have any questions.

Best,

Jack Mallon

Heritage Planner

Heritage Planning Unit | Programs and Services Branch

Heritage, Tourism and Culture Division

Ministry of Heritage, Sport, Tourism and Culture Industries

Phone: 437-522-6582



**Ministry of Heritage, Sport,  
Tourism and Culture Industries**

Programs and Services Branch  
400 University Ave, 5th Flr  
Toronto, ON M7A 2R9  
Tel: 437.522.6582

**Ministère des Industries du Patrimoine,  
du Sport, du Tourisme et de la Culture**

Direction des programmes et des services  
400, av. University, 5e étage  
Toronto, ON M7A 2R9  
Tél: 437.522.6582



February 28, 2022

EMAIL ONLY

Sonia Fazari  
Senior Advisor, Municipal & Stakeholder Engagement  
Enbridge Gas Inc.  
[sonia.fazari@enbridge.com](mailto:sonia.fazari@enbridge.com)

**MHSTCI File : 0010809**  
**Proponent : Enbridge Gas Inc.**  
**Subject : Notice of Commencement and Virtual Information Session**  
**Project : Selwyn Community Expansion Project**  
**Location : Township of Selwyn, Ontario**

Dear Sonia Fazari,

Thank you for contacting the Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI) about the above-referenced project, which requires Ontario Energy Board (OEB)'s leave to construction under the Ontario Energy Board Act.

Please note that the OEB issued the [Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition](#) to assist applicants how to identify, manage and document environmental impacts. The Guidelines encourage applicants to consult with the Ontario Pipeline Coordinating Committee (which MHSTCI is a member) and other agencies. MHSTCI's interest in this process relates to its mandate of conserving Ontario's cultural heritage, which includes:

- Archaeological resources, including land and marine;
- Built heritage resources, including bridges and monuments; and,
- Cultural heritage landscapes.

Among the planning activities outlined in Chapter 2 of the Guidelines, an applicant is advised to:

- describe the rationale for study area delineation (including construction staging, land requirements);
- identify existing baseline environmental conditions;
- identify potential environmental impacts expected to occur during construction and operation of the project, including cumulative impacts;
- describe proposed measures to mitigate potential negative impacts.

This letter provides advice on how to incorporate consideration of cultural heritage in the above mentioned planning activities, and also expands on sections 4.3 and 5.3 of the Guidelines by outlining the technical cultural heritage studies and level of detail required to address cultural heritage in pipeline and facilities projects. The outcomes and recommendations of the studies will be reported in the Environmental Report and form the basis for any future commitments.

### **Project Summary**

Enbridge Gas Inc. is proposing to construct the Selwyn Community Expansion Project to supply the community in the Township of Selwyn with affordable natural gas. The project will involve the construction of up to approximately 8.4 kilometers (km) of 2- and 6-inch Nominal Pipe Size natural

gas pipeline to be located primarily in the road allowance of 8th Line. The proposed route will tie into the existing Enbridge Gas system at the intersection of 8th Line and Selwyn Road and will travel east to the terminal tie-in point at 8th Line and Buckhorn Road. The proposed route has been developed for purposes of an assessment of potential environmental and socioeconomic impacts and does not represent the final project scope / design that will provide access to natural gas to end-use customers. To accommodate the increased supply of natural gas, the Project may also involve the rebuild of an Existing Enbridge Station at Ward Street and Bridge Street, in Bridgenorth, Ontario

### **Identifying Cultural Heritage Resources**

While some cultural heritage resources may have already been formally identified, others may be identified through assessment.

### **Archaeological Resources (Land and Marine, if applicable)**

MHSTCI recommends that, as a best practice, a combined Stage 1-2 archaeological assessment (AA) be completed for the entire study area during the planning phase.

At a minimum, a Stage 1 AA will be undertaken for the entire study area during the planning phase. The results of the Stage 1 AA will inform the OEB and will be summarized in the Environmental Report. If the Stage 1 AA recommends further AA(s), then MHSTCI recommends that further stages of AA be completed as early as possible during the design phase of the project, and prior to the completion of detailed design.

Archaeological assessments are required to be undertaken by an archaeologist licenced under the *Ontario Heritage Act*, who is responsible for submitting the report directly to MHSTCI for review.

The Environmental Report must include specific information from the AA report(s). The Executive Summary of each AA report provides a brief summary of the work completed and the recommendations for next steps, whether for further archaeological assessment, in which case the report will include a map that identifies those areas, or for no further assessment. The Environmental Report must also include clear commitments to undertake any further AA stages recommended, and a timeline for their completion.

### **Built Heritage Resources and Cultural Heritage Landscapes**

A Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment will be undertaken for the entire study area during the planning phase to inform the OEB and will be summarized in the Environmental Report. This study will:

1. Identify existing baseline cultural heritage conditions within the study area.
  - Study Area: The consultants preparing the Cultural Heritage Report will need to define a study area and explain their rationale. The common practice has been to define a study area as including the right-of-way (ROW) and a 50-metre buffer (construction zone) on either side of the ROW.
  - The report will include a historical summary of the study area and will identify all known or potential built heritage resources and cultural heritage landscapes in the study area. MHSTCI 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.

Where a known or potential built heritage resource or cultural heritage landscape may be directly and adversely impacted<sup>1</sup>, and where it has not yet been evaluated for Cultural Heritage Value or Interest (CHVI), completion of a Cultural Heritage Evaluation Report (CHER) is required to fully understand its CHVI and level of significance. The CHER must be completed as part of the Environmental Report. If a potential resource is found to be of CHVI, then a Heritage Impact Assessment (HIA) will be undertaken by a qualified person. The HIA will be completed in consultation with MHSTCI and the proponent as early as possible during detail design, following the OEB's Leave to Construct.

While some cultural heritage landscapes are contained within individual property boundaries, others span across multiple properties. For certain cultural heritage landscapes, it will be more appropriate for the CHER and HIA to include multiple properties, in order to reflect the extent of that cultural heritage landscape in its entirety.

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.

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.

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.

### **Environmental Reporting**

The findings of the above-mentioned studies should be summarized as part of the Environmental Report discussion of existing conditions, impact assessment, mitigation, and future commitments. Commitments for further studies should clearly state what is to be done, who is responsible for implementation, and when. Recommendations from the technical cultural heritage studies described above should be reflected as commitments in the Environmental Report.

MHSTCI welcomes the opportunity to review and comment upon relevant sections of the draft Environmental Report, before the final draft Environmental Report is submitted to the OPCC for review.

Thank you for consulting MHSTCI on this project and please continue to do so throughout the OEB process. If you have any questions, require clarification, or would like additional examples to assist with project reporting, do not hesitate to contact me.

<sup>1</sup> A direct adverse impact would have a permanent and irreversible negative effect on the cultural heritage value or interest of a property or result in the loss of a heritage attribute on all or part of the property. Examples include, but are not limited to: removal or demolition of a heritage attribute, land disturbance, alterations that are not sympathetic to the CHVI of the property, introduction of new elements that diminish the integrity of the property, changing the character of the property, intensification of the property without conservation of heritage attributes.

Sincerely,

Jack Mallon  
Heritage Planner  
[Jack.Mallon@Ontario.ca](mailto:Jack.Mallon@Ontario.ca)  
Heritage Planning Unit

Copied to:

Karla Barboza, Team Lead, Heritage Planning Unit, MHSTCI – [Karla.Barboza@ontario.ca](mailto:Karla.Barboza@ontario.ca)  
George Tatolis, Environmental Permitting Advisor, Enbridge Gas Inc. - [George.Tatolis@enbridge.com](mailto:George.Tatolis@enbridge.com)  
Kayla Ginter, Environmental Planner, Stantec Consulting Ltd – [Kayla.Ginter@stantec.com](mailto:Kayla.Ginter@stantec.com)  
Zora Crnojacki, Project Advisor, OEB - [Zora.Crnojacki@oeb.ca](mailto:Zora.Crnojacki@oeb.ca)

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 (at [archaeology@ontario.ca](mailto:archaeology@ontario.ca)) 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 and coroner must be contacted. In situations where human remains are associated with archaeological resources, MHSTCI should also be notified (at [archaeology@ontario.ca](mailto:archaeology@ontario.ca)) to ensure that the site is not subject to unlicensed alterations which would be a contravention of the Ontario Heritage Act.

---

**From:** Fatile, Dami (IO) <Dami.Fatile@infrastructureontario.ca>  
**Sent:** Wednesday, March 2, 2022 3:59 PM  
**To:** Sonia Fazari <Sonia.Fazari@enbridge.com>  
**Subject:** [External] Selwyn Community Expansion Project - EA Notice Response

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Good afternoon,

Thank you for sending us the Notice of Commencement for the Selwyn Community Expansion Project in Peterborough.

While our initial scan indicates that there are no properties owned by the Minister of Government and Consumer Services within your project's study area, it is the proponent's responsibility to verify if any provincial government property is within the study area. Title documents may identify owners of provincial government property as any of the following or variations:

- Her Majesty the Queen
- His Majesty the King
- Hydro One
- Hydro One Networks Inc.
- Management Board Secretariat (MBS)
- Minister of Economic Development, Employment and Infrastructure (MEDEI)
- Minister of Energy and Infrastructure (MEI)
- Minister of Government and Consumer Services (MGCS)
- Minister of Infrastructure (MOI)
- Minister of Natural Resources and Forestry (MNRF)
- Minister of Public Infrastructure Renewal (PIR)
- Minister of Public Works
- Minister of Transportation (MTO)
- Ontario Lands Corporation (OLC)
- Ontario Realty Corporation (ORC)

If the proponent confirms that no provincial government property exists in the project area, please remove IO from the contact list.

If provincial government property is in the study area but not required for the project, you should continue to consult IO as a directly affected stakeholder. However, if government property is required for the project, the proponent should contact us so that we can advise about requirements for obtaining government property.

Additionally, please remember to send notices to our dedicated notice email address:

[noticereview@infrastructureontario.ca](mailto:noticereview@infrastructureontario.ca)

Kind regards,

Dami Fatile



**Dami Fatile** (she, her)

Infrastructure Ontario

Co-op, Environmental Management

[dami.fatile@infrastructureontario.ca](mailto:dami.fatile@infrastructureontario.ca)

Phone: 647-264-3369

[\[web.cisco.com/1DFcNaK0DZTjCLZW\\\_\\\_a9nA1jp6bTigtMP\\\_EReRsiEb7Mk8WPmkBceQ5zJ4a\\\_95h47-\]\(http://secure-web.cisco.com/1DFcNaK0DZTjCLZW\_\_a9nA1jp6bTigtMP\_EReRsiEb7Mk8WPmkBceQ5zJ4a\_95h47-\)](http://secure-</a></p></div><div data-bbox=)

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[RH\\_pxwuGNEm0uVbHBrjAWEJQyil8v89RR2CVQtWK338e7CwluBVjLgNpQ6mwRvb5oEUuDsb-](http://secure-web.cisco.com/1DFcNaK0DZTjCLZW__a9nA1jp6bTigtMP_EReRsiEb7Mk8WPmkBceQ5zJ4a_95h47-RH_pxwuGNEm0uVbHBrjAWEJQyil8v89RR2CVQtWK338e7CwluBVjLgNpQ6mwRvb5oEUuDsb-)

[\\_1ZzhwVHz5lelt6d9rhvhMtcOOFi3TKYDLqoPZWb\\_A3z9CAh0un\\_z34ZzLtn9THa\\_4lpM1FZr1vZDVUDJ](http://secure-web.cisco.com/1DFcNaK0DZTjCLZW__a9nA1jp6bTigtMP_EReRsiEb7Mk8WPmkBceQ5zJ4a_95h47-_1ZzhwVHz5lelt6d9rhvhMtcOOFi3TKYDLqoPZWb_A3z9CAh0un_z34ZzLtn9THa_4lpM1FZr1vZDVUDJ)

[O8tMLBVoEEy7vn9siayPUTuJ-qhwV17ax1KW0KB5-](http://secure-web.cisco.com/1DFcNaK0DZTjCLZW__a9nA1jp6bTigtMP_EReRsiEb7Mk8WPmkBceQ5zJ4a_95h47-O8tMLBVoEEy7vn9siayPUTuJ-qhwV17ax1KW0KB5-)

[mCyFRpNa2/http%3A%2F%2Fwww.infrastructureontario.ca](http://secure-web.cisco.com/1DFcNaK0DZTjCLZW__a9nA1jp6bTigtMP_EReRsiEb7Mk8WPmkBceQ5zJ4a_95h47-mCyFRpNa2/http%3A%2F%2Fwww.infrastructureontario.ca)

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**From:** [SUN Hongxia](#) on behalf of [SECONDARY LAND USE Department](#)  
**To:** [Kingston EA](#)  
**Cc:** [SECONDARY LAND USE Department](#)  
**Subject:** Hydro One Response: 20220120-NoticeOfPIC1-Kingston System Reinforcement Project, Notice of Project Change  
**Date:** Thursday, January 20, 2022 8:47:23 AM  
**Attachments:** [20220120-NoticeOfPIC1-Kingston System Reinforcement Project, Notice of Project Change .pdf](#)

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Please see the attached for Hydro One's Response.

Hydro One Networks Inc  
SecondaryLandUse@HydroOne.com

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March 08, 2022

Re: Selwyn Community Expansion Project

Attention:  
Sonia Fazari  
Senior Advisor, Municipal & Stakeholder Engagement  
Enbridge Gas Inc.

Thank you for sending us notification regarding (Selwyn Community Expansion Project). In our preliminary assessment, we have confirmed that Hydro One has existing distribution assets within your study area. At this time we do not have sufficient information to comment on the potential resulting impacts that your project may have on our infrastructure. As such, we must stay informed as more information becomes available so that we can advise if any of the alternative solutions present actual conflicts with our assets, and if so; what resulting measures and costs could be incurred by the proponent. Note that this response does not constitute approval for your plans and is being sent to you as a courtesy to inform you that we must continue to be consulted on your project.

Any future communications are sent to [Secondarylanduse@hydroone.com](mailto:Secondarylanduse@hydroone.com).

Be advised that any changes to lot grading and/or drainage within proximity to Hydro One transmission corridor lands must be controlled and directed away from the transmission corridor.

Sent on behalf of,

***Secondary Land Use  
Asset Optimization  
Strategy & Integrated Planning  
Hydro One Networks Inc.***

**From:** Matthew Chegahno <matthew.chegahno@enbridge.com>  
**Sent:** Monday, December 13, 2021 2:29 PM  
**To:** Dave Simpson  
**Subject:** Project Notification - Selwyn Community Expansion Project

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Good afternoon Dave,

Please find attached the project notification letter for Enbridge Gas' proposed *Selwyn Community Expansion Project*.

**Project Summary:**

To provide access to natural gas distribution services to the community of Selwyn, Enbridge Gas has identified the need to construct approximately 7 km of Nominal Pipe Size ("NPS") 6-inch High Pressure Polyethylene ("HPPE") natural gas pipeline, approximately 2 km of NPS 2-inch HPPE natural gas pipeline and may also make modifications to an existing station (the "Project"). The proposed facilities are located predominantly within the Township of Selwyn and the Project is proposed to be placed into service as early as Q2 2023.

We are seeking Alderville First Nation's initial feedback or shared knowledge by **Friday, January 14, 2022**. As always, please advise if there are capacity requirements that are needed in order to complete this work.

Should you have questions or concerns, or would be interested in setting up a briefing on this project please feel free to contact me directly. We look forward to engaging with you to ensure your community's interests are being considered and represented.

Chi-miigwetch,

Matthew

**Matthew Chegahno**

Advisor, Community & Indigenous Engagement

**Public Affairs, Communications & Sustainability**

ENBRIDGE INC.

CELL: 519-502-3570 | [matthew.chegahno@enbridge.com](mailto:matthew.chegahno@enbridge.com)

603 Kumpf Drive, Waterloo ON, N2J 4A4

Safety. Integrity. Respect. Inclusion.

**From:** Dave Simpson <consulta\_on@alderville.ca>  
**Sent:** Tuesday, December 14, 2021 8:43 AM  
**To:** Ma hew Chegahno <ma\_hew.chegahno@enbridge.com>  
**Subject:** [External] RE: Project No fica on - Selwyn Community Expansion Project

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Good morning Ma hew, I didn't see any map of the area that this project is taking place in. Also, Also Alderville First Nation is not party to Treaty 20 territory  
Thank you

Dave Simpson  
Alderville First Nation  
[consulta\\_on@alderville.ca](mailto:consulta_on@alderville.ca)  
905 375-5480

**From:** Ma hew Chegahno <ma\_hew.chegahno@enbridge.com>  
**Sent:** Wednesday, December 15, 2021 9:25 AM  
**To:** Dave Simpson  
**Subject:** RE: Project No fication - Selwyn Community Expansion Project

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Aahnii Dave,

Please find the bubble map for the proposed *Selwyn Community Expansion Project* attached. Please let me know if you have any questions or would like to discuss in general.

Chi-miigwetch,

Ma hew

**Matthew Chegahno**

Advisor, Community & Indigenous Engagement

**Public Affairs, Communications & Sustainability**

ENBRIDGE INC.

CELL: 519-502-3570 | [ma\\_hew.chegahno@enbridge.com](mailto:ma_hew.chegahno@enbridge.com)

603 Kumpf Drive, Waterloo ON, N2J 4A4

**Safety. Integrity. Respect. Inclusion.**

**From:** Melanie Green

**Sent:** Monday, February 7, 2022 9:22 AM

Provided by Communica

**To:** Dave Simpson <consulta\_on@alderville.ca>

**Cc:** MaꞤhew Chegahno <maꞤhew.chegahno@enbridge.com>; Lauryn Graham <lauryn.graham@enbridge.com>

**Subject:** Selwyn Community Expansion Project - Follow Up

Good morning,

I hope you all has a fantastic weekend – I wanted to take this time to introduce myself. Moving forward, I will be replacing MaꞤhew Chegahno as your advisor for all things Enbridge related. I currently hold a similar portfolio with other Indigenous nations and I and thrilled that I have been given the opportunity to work with you all. Separate from this email I will be sending out a much more formal email and I hope to meet you in the coming months. I look forward to working together.

I also wanted to take the opportunity to remind you of the virtual open house that is currently happening that is related to our Selwyn Project. MaꞤhew would have sent you a project notification on or around January 24<sup>th</sup>, 2022.

I know how busy we tend to get, so I thought a gentle reminder would be nice. If you have not already, please have a look – as we value your feedback.

The Virtual Information Session will be available for two weeks starting on **February 3, 2022**, and finishing on **February 22, 2022**, at <https://solutions.ca/SelwynEA>.

A questionnaire will be available as part of the Virtual Information Session, and you will have the ability to submit comments and/or questions about the proposed Project. In addition, a copy of the Virtual Information Session story boards will be available on the Enbridge Gas project website at: <https://www.enbridgegas.com/selwyn>

thank you and if you should have any questions or concerns, please let me know.

Mel

**Melanie Green** C.E.T

Senior Advisor, Community & Indigenous Engagement, Eastern Region  
Conseiller principal, Engagement communautaire et autochtone, Région de l'Est

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**From:** Matthew Chegahno <matthew.chegahno@enbridge.com>

**Sent:** Monday, December 13, 2021 2:25 PM

**To:** council@chimnissing.ca; fnadmin@chimnissing.ca; executiveassistant@chimnissing.ca; msmith@chimnissing.ca

**Subject:** Project Notification - Selwyn Community Expansion Project

CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon Chief Sandy,

Please find attached the project notification letter for Enbridge Gas' proposed *Selwyn Community Expansion Project*.

**Project Summary:**

To provide access to natural gas distribution services to the community of Selwyn, Enbridge Gas has identified the need to construct approximately 7 km of Nominal Pipe Size ("NPS") 6-inch High Pressure Polyethylene ("HPPE") natural gas pipeline, approximately 2 km of NPS 2-inch HPPE natural gas pipeline and may also make modifications to an existing station (the "Project"). The proposed facilities are located predominantly within the Township of Selwyn and the Project is proposed to be placed into service as early as Q2 2023.

We are seeking Beausoleil First Nation's initial feedback or shared knowledge by **Friday, January 14, 2022**. As always, please advise if there are capacity requirements that are needed in order to complete this work.

Should you have questions or concerns, or would be interested in setting up a briefing on this project please feel free to contact me directly. We look forward to engaging with you to ensure your community's interests are being considered and represented.

Chi-miigwetch,

Matthew

**Matthew Chegahno**

Advisor, Community & Indigenous Engagement

**Public Affairs, Communications & Sustainability**

ENBRIDGE INC.

CELL: 519-502-3570 | [matthew.chegahno@enbridge.com](mailto:matthew.chegahno@enbridge.com)

603 Kumpf Drive, Waterloo ON, N2J 4A4

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**From:** Ma hew Chegahno <ma\_hew.chegahno@enbridge.com>

**Sent:** Monday, January 24, 2022 9:59 AM

**To:** council@chimnissing.ca; fnadmin@chimnissing.ca; executiveassistant@chimnissing.ca; msmith@chimnissing.ca

**Subject:** FW: Project Notification - Selwyn Community Expansion Project

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Good morning Chief Sandy,

I hope this note finds you well.

I just wanted to take a moment to follow up on the below regarding Enbridge's proposed *Selwyn Community Expansion Project*. I wanted to gauge if Beausoleil First Nation had any interests, comments or questions about the Project. If so, I would be happy to work to address them.

Chi-miigwetch,

Ma hew

**Matthew Chegahno** (he/him)

Advisor, Community & Indigenous Engagement

**Public Affairs, Communications & Sustainability**

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CELL: 519-502-3570 | [ma\\_hew.chegahno@enbridge.com](mailto:ma_hew.chegahno@enbridge.com)

603 Kumpf Drive, Waterloo ON, N2J 4A4

**Safety. Integrity. Respect. Inclusion.**



**From:** Melanie Green

**Sent:** Monday, February 7, 2022 9:49 AM

**To:** council@chimnissing.ca; execu. veassistant@chimnissing.ca; fnadmin@chimnissing.ca; msmith@chimnissing.ca

**Cc:** Maꞓhew Chegahno <maꞓhew.chegahno@enbridge.com>; Lauryn Graham <lauryn.graham@enbridge.com>

**Subject:** Selwyn Community Expansion Project - Follow Up

Provided by Communica

Good morning,

I hope you all has a fantastic weekend – I wanted to take this time to introduce myself. Moving forward, I will be replacing Maꞓhew Chegahno as your advisor for all things Enbridge related. I currently hold a similar portfolio with other Indigenous nations and I and thrilled that I have been given the opportunity to work with you all. Separate from this email I will be sending out a much more formal email and I hope to meet you in the coming months. I look forward to working together.

I also wanted to take the opportunity to remind you of the virtual open house that is currently happening that is related to our Selwyn Project. Maꞓhew would have sent you a project notification on or around January 24<sup>th</sup>, 2022.

I know how busy we tend to get, so I thought a gentle reminder would be nice. If you have not already, please have a look – as we value your feedback.

The Virtual Information Session will be available for two weeks starting on **February 3, 2022**, and finishing on **February 22, 2022**, at <https://solutions.ca/SelwynEA>.

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thank you and if you should have any questions or concerns, please let me know.

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**From:** Matthew Chegahno <matthew.chegahno@enbridge.com>  
**Sent:** Monday, December 13, 2021 2:22 PM  
**To:** donna.bigcanoe@georginaisland.com; sylvia.mccue@georginaisland.com  
**Subject:** Project Notification - Selwyn Community Expansion Project

CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon Chief Big Canoe,

Please find attached the project notification letter for Enbridge Gas' proposed *Selwyn Community Expansion Project*.

**Project Summary:**

To provide access to natural gas distribution services to the community of Selwyn, Enbridge Gas has identified the need to construct approximately 7 km of Nominal Pipe Size ("NPS") 6-inch High Pressure Polyethylene ("HPPE") natural gas pipeline, approximately 2 km of NPS 2-inch HPPE natural gas pipeline and may also make modifications to an existing station (the "Project"). The proposed facilities are located predominantly within the Township of Selwyn and the Project is proposed to be placed into service as early as Q2 2023.

We are seeking Chippewas of Georgina Island First Nation's initial feedback or shared knowledge by **Friday, January 14, 2022**. As always, please advise if there are capacity requirements that are needed in order to complete this work.

Should you have questions or concerns, or would be interested in setting up a briefing on this project please feel free to contact me directly. We look forward to engaging with you to ensure your community's interests are being considered and represented.

Chi-miigwetch,

Matthew

**Matthew Chegahno**

Advisor, Community & Indigenous Engagement

**Public Affairs, Communications & Sustainability**

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CELL: 519-502-3570 | [matthew.chegahno@enbridge.com](mailto:matthew.chegahno@enbridge.com)

603 Kumpf Drive, Waterloo ON, N2J 4A4

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**From:** Ma hew Chegahno <ma\_hew.chegahno@enbridge.com>  
**Sent:** Monday, January 24, 2022 10:00 AM  
**To:** Chief Donna Big Canoe; Sylvia McCue  
**Subject:** FW: Project Notification - Selwyn Community Expansion Project

CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Chief Big Canoe,

I hope this note finds you well.

I just wanted to take a moment to follow up on the below regarding Enbridge's proposed *Selwyn Community Expansion Project*. I wanted to gauge if Chippewas of Georgina Island First Nation had any interests, comments or questions about the Project. If so, I would be happy to work to address them.

Chi-miigwetch,

Ma hew

**Matthew Chegahno** (he/him)  
Advisor, Community & Indigenous Engagement

**Public Affairs, Communications & Sustainability**

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CELL: 519-502-3570 | [ma\\_hew.chegahno@enbridge.com](mailto:ma_hew.chegahno@enbridge.com)  
603 Kumpf Drive, Waterloo ON, N2J 4A4

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**From:** Melanie Green <Melanie.Green@enbridge.com>  
**Sent:** Monday, February 7, 2022 7:53 AM  
**To:** donna.bigcanoe@georginaisland.com; sylvia.mccue@georginaisland.com  
**Cc:** Lauryn Graham; Ma hew Chegahno  
**Subject:** Selwyn Community Expansion Project - Follow Up

CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning,

I hope you all has a fantas. c weekend – I wanted to take this time to introduce myself. Moving forward, I will be replacing Ma hew Chegahno as your advisor for all things Enbridge related. I currently hold a similar portfolio with other Indigenous nations and I and thrilled that I have been given the opportunity to work with you all. Separate from this email I will be sending out a much more formal email and I hope to meet you in the coming months. I look forward to working together.

I also wanted to take the opportunity to remind you of the virtual open house that is currently happening that is related to our Selwyn Project. Ma hew would have sent you a project notification on or around January 24<sup>th</sup>, 2022.

I know how busy we tend to get, so I thought a gentle reminder would be nice. If you have not already, please have a look – as we value your feedback.

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thank you and if you should have any questions or concerns, please let me know.

Mel

**Melanie Green** C.E.T

Senior Advisor, Community & Indigenous Engagement, Eastern Region  
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**From:** Matthew Chegahno <matthew.chegahno@enbridge.com>  
**Sent:** Monday, December 13, 2021 2:21 PM  
**To:** shardayj@ramafirstnation.ca; consultation@ramafirstnation.ca  
**Subject:** Project Notification - Selwyn Community Expansion Project

CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon Sharday,

Please find attached the project notification letter for Enbridge Gas' proposed *Selwyn Community Expansion Project*.

**Project Summary:**

To provide access to natural gas distribution services to the community of Selwyn, Enbridge Gas has identified the need to construct approximately 7 km of Nominal Pipe Size ("NPS") 6-inch High Pressure Polyethylene ("HPPE") natural gas pipeline, approximately 2 km of NPS 2-inch HPPE natural gas pipeline and may also make modifications to an existing station (the "Project"). The proposed facilities are located predominantly within the Township of Selwyn and the Project is proposed to be placed into service as early as Q2 2023.

We are seeking Chippewas of Rama First Nation's initial feedback or shared knowledge by **Friday, January 14, 2022**. As always, please advise if there are capacity requirements that are needed in order to complete this work.

Should you have questions or concerns, or would be interested in setting up a briefing on this project please feel free to contact me directly. We look forward to engaging with you to ensure your community's interests are being considered and represented.

Chi-miigwetch,

Matthew

**Matthew Chegahno**

Advisor, Community & Indigenous Engagement

**Public Affairs, Communications & Sustainability**

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CELL: 519-502-3570 | [matthew.chegahno@enbridge.com](mailto:matthew.chegahno@enbridge.com)

603 Kumpf Drive, Waterloo ON, N2J 4A4

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**From:** Ma hew Chegahno <ma\_hew.chegahno@enbridge.com>  
**Sent:** Monday, January 24, 2022 10:01 AM  
**To:** Sharday James; consulta on@ramafirstna on.ca  
**Subject:** FW: Project No fica on - Selwyn Community Expansion Project

CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Sharday,

I hope this note finds you well.

I just wanted to take a moment to follow up on the below regarding Enbridge's proposed *Selwyn Community Expansion Project*. I wanted to gauge if Chippewas of Rama First Na on had any interests, comments or ques ons about the Project. If so, I would be happy to work to address them.

Chi-miigwetch,

Ma hew

**Matthew Chegahno** (he/him)  
Advisor, Community & Indigenous Engagement

**Public Affairs, Communications & Sustainability**

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CELL: 519-502-3570 | [ma\\_hew.chegahno@enbridge.com](mailto:ma_hew.chegahno@enbridge.com)  
603 Kumpf Drive, Waterloo ON, N2J 4A4

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**From:** Ma hew Chegahno <ma\_hew.chegahno@enbridge.com>  
**Sent:** Friday, February 4, 2022 12:27 PM  
**To:** Sharday James  
**Subject:** RE: Project No fication - Selwyn Community Expansion Project

CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hey there Sharday,

Thanks for the clarity on that. Happy Friday to you too!

Ma

**Matthew Chegahno** (he/him)  
 Advisor, Community & Indigenous Engagement

Public Affairs, Communications & Sustainability

ENBRIDGE INC.  
 CELL: 519-502-3570 | [ma\\_hew.chegahno@enbridge.com](mailto:ma_hew.chegahno@enbridge.com)  
 603 Kumpf Drive, Waterloo ON, N2J 4A4

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---

**From:** Sharday James <shardayj@ramafirstnation.ca>  
**Sent:** Friday, February 4, 2022 2:25 PM  
**To:** Ma hew Chegahno <ma\_hew.chegahno@enbridge.com>  
**Subject:** [External] RE: Project No fication - Selwyn Community Expansion Project

**CAUTION: EXTERNAL EMAIL**

This email originated from outside Enbridge and could be a phish. Criminals can pretend to be anyone. Do not interact with the email unless you are 100% certain it is legitimate. Report any suspicious emails.

Hello Ma !

Thanks for the email. We have no comments or questions but thanks for following up :D

Happy Friday!  
Sharday James

---

**Sharday James**

Community Consultation Worker, Lands and Membership

**Chippewas of Rama First Nation**

(ph) 705-325-3611,1633

(cell)

(fax)

(url) [http://secure-web.cisco.com/13lfLorfFqegjq02incvJQBCtbxP\\_y6o8la3tLgygqxmLNSyFH7DDPLaoF98T-7BAZqnd6jM2-](http://secure-web.cisco.com/13lfLorfFqegjq02incvJQBCtbxP_y6o8la3tLgygqxmLNSyFH7DDPLaoF98T-7BAZqnd6jM2-)

[eJQjA4Nw6sp4Y84eXOX59leeoKIZVA6Exx5DCGQ0lfWHuuQTfcRMSS8xyR3unj\\_5R0Nt9KBCY\\_VbezVBC5xPrWjyY-AXbHzwTX2ybwUOLr-TZkG1Ejex00plyi9T9S-LK6xEY5oWeGaqKsjVRo14BpA\\_dpeDfQaV5URqEgaN90oi6wLI93ZF-MPrMV1Nu67z7kSeMvoGUwa0-xLtLzRge2exgIKHVDXo3Nh9FCsAjEnV87Jp3Goo74/http%3A%2F%2Fwww.ramafirstnation.ca](http://eJQjA4Nw6sp4Y84eXOX59leeoKIZVA6Exx5DCGQ0lfWHuuQTfcRMSS8xyR3unj_5R0Nt9KBCY_VbezVBC5xPrWjyY-AXbHzwTX2ybwUOLr-TZkG1Ejex00plyi9T9S-LK6xEY5oWeGaqKsjVRo14BpA_dpeDfQaV5URqEgaN90oi6wLI93ZF-MPrMV1Nu67z7kSeMvoGUwa0-xLtLzRge2exgIKHVDXo3Nh9FCsAjEnV87Jp3Goo74/http%3A%2F%2Fwww.ramafirstnation.ca)

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By submitting your or another individual's personal information to Chippewas of Rama First Nation, its service providers and agents, you agree and confirm your authority from such other individual, to our collection, use and disclosure of such personal information in accordance with our privacy policy.

-----  
 Please consider the environment before printing this e-mail.



**From:** Melanie Green <Melanie.Green@enbridge.com>  
**Sent:** Monday, February 7, 2022 7:25 AM  
**To:** consulta\_on@ramafirstnation.ca; shardayj@ramafirstnation.ca  
**Cc:** Lauryn Graham; Matthew Chegahno  
**Subject:** Selwyn Community Expansion Project - Follow Up

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thank you and if you should have any questions or concerns, please let me know.

Mel

**Melanie Green** C.E.T

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**From:** Ma hew Chegahno <ma\_hew.chegahno@enbridge.com>  
**Sent:** Thursday, December 9, 2021 8:45 AM  
**To:** Francis M. Chua  
**Cc:** Melanie Book  
**Subject:** Thanks for meeting on Thurs, Dec 2

CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Francis,

I just wanted to say a big thanks for the meeting last week. It was good to see you again and great to conduct my first meeting as an Advisor among friendly faces.

I just wanted to recap what we spoke about and highlight and specific deliverables from our discussion:

### **Highlights:**

#### *Ongoing Project Updates:*

- Haldimand Shores Community Expansion Project:
- ENB to provide CLFN draft Environmental Report (ER) in early December 2021
- CLFN provided feedback to ENB on draft Stage 1 AA in November 2021
- Bobcaygeon Community Expansion Project:
  - ENB provided CLFN with daily updates and photos for Phase 1 Stage 2 AA fieldwork in October 2021
  - ENB provided draft ER to CLFN on Friday, December 3, 2021 with request to return comments by no later than January 17, 2022.
- Ajax Reinforcement Project:
  - ENB provided CLFN with draft Stage 3 AA Report in Oct 2021 and CLFN agreed with proposed recommendations.
- Almonte Reinforcement Project:
  - CLFN will be invited to participate in Stage 4 AA field work in Spring 2022 and will be provided draft Stage 4 AA Report in Spring 2022.

#### *Upcoming Project Updates:*

- Selwyn Community Expansion Project:
  - ENB to provide CLFN with Project Notification letter in December 2021.
  - Stage 1 AA desktop review is ongoing – CLFN will be provided with draft Stage 1 AA Report for review and comment once complete.
- Eganville Community Expansion Project:
  - ENB to provide CLFN with Project Notification letter in January 2022.
- Kingston Reinforcement Project:
  - Proposed project to be reinitiated in early 2022.

#### *Community Investment:*

- CLFN to potentially build a grant application around the re-seeding program.
- ENB to notify CLFN when portal re-opens for 2022.
- CLFN able to fund Heritage & Archaeological Training Program in part due to ENB funds.

#### *Supply Chain Management – Indigenous Engagement:*

- Francis to meet with Economic Development Officer at CLFN in the coming weeks.
- ENB and CLFN to reconvene on the challenges and opportunities associated with supply chain participation in 2022.

I hope I've captured most of what we discussed last Thursday, Francis. Please feel free to supplement this with any notes you have and see fit.

Looking forward to the next time we're able to connect.

Ma

**Matthew Chegahno**

Advisor, Community & Indigenous Engagement

**Public Affairs, Communications & Sustainability**

ENBRIDGE INC.

CELL: 519-502-3570 | [ma@hew.chegahno@enbridge.com](mailto:ma@hew.chegahno@enbridge.com)

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**Matthew Chegahno**

Advisor, Community & Indigenous Engagement

**Public Affairs, Communications & Sustainability**

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CELL: 519-502-3570 | [ma@hew.chegahno@enbridge.com](mailto:ma@hew.chegahno@enbridge.com)

603 Kumpf Drive, Waterloo ON, N2J 4A4

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**From:** Matthew Chegahno <matthew.chegahno@enbridge.com>  
**Sent:** Monday, December 13, 2021 2:23 PM  
**To:** Julie Kapyrka; francis@francischua.com; Jordon MacArthur; Kaitlin Hill; Kayla Wright  
**Subject:** Project Notification - Selwyn Community Expansion Project

CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon Dr. Julie,

Please find attached the project notification letter for Enbridge Gas' proposed *Selwyn Community Expansion Project*.

**Project Summary:**

To provide access to natural gas distribution services to the community of Selwyn, Enbridge Gas has identified the need to construct approximately 7 km of Nominal Pipe Size ("NPS") 6-inch High Pressure Polyethylene ("HPPE") natural gas pipeline, approximately 2 km of NPS 2-inch HPPE natural gas pipeline and may also make modifications to an existing station (the "Project"). The proposed facilities are located predominantly within the Township of Selwyn and the Project is proposed to be placed into service as early as Q2 2023.

We are seeking Curve Lake First Nation's initial feedback or shared knowledge by **Friday, January 14, 2022**. As always, please advise if there are capacity requirements that are needed in order to complete this work.

Should you have questions or concerns, or would be interested in setting up a briefing on this project please feel free to contact me directly. We look forward to engaging with you to ensure your community's interests are being considered and represented.

Chi-miigwetch,

Matthew

**Matthew Chegahno**

Advisor, Community & Indigenous Engagement

**Public Affairs, Communications & Sustainability**

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CELL: 519-502-3570 | [matthew.chegahno@enbridge.com](mailto:matthew.chegahno@enbridge.com)

603 Kumpf Drive, Waterloo ON, N2J 4A4

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**From:** Ma hew Chegahno <ma\_hew.chegahno@enbridge.com>  
**Sent:** Thursday, January 6, 2022 12:07 PM  
**To:** Kaitlin Hill  
**Cc:** Julie Kapyrka  
**Subject:** RE: Proposed Selwyn Community Expansion Project

CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.  
 Kaitlin,

Miigwetch for sending this over. I will look through it and write up a summary response for Curve Lake First Na on. I will aim to have that back to you before Friday, January 21, 2022.

In the mean me, please let me know if any other ques ons come up pertaining to this project.

Chi-miigwetch,

Ma hew

**Matthew Chegahno** (he/him)  
 Advisor, Community & Indigenous Engagement  
 Public Affairs, Communications & Sustainability  
 ENBRIDGE INC.  
 CELL: 519-502-3570 | [ma\\_hew.chegahno@enbridge.com](mailto:ma_hew.chegahno@enbridge.com)  
 603 Kumpf Drive, Waterloo ON, N2J 4A4

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---

**From:** Kaitlin Hill <KaitlinH@curvelake.ca>  
**Sent:** Thursday, January 6, 2022 1:35 PM  
**To:** Ma hew Chegahno <ma\_hew.chegahno@enbridge.com>  
**Cc:** Julie Kapyrka <JulieK@curvelake.ca>  
**Subject:** [External] Proposed Selwyn Community Expansion Project

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Aaniin Ma hew,

Please find a ached a le er from Curve Lake First Na on in regard to the proposed Selwyn Community Expansion Project.

We hope you had a great holiday and we look forward to hearing from you.

Miigwech,  
 Kaitlin H.



**Kaitlin Hill**  
 Lands and Resources Consulta on Liaison  
 Curve Lake First Na on  
 Government Services Building  
 22 Winookeeda Street, Curve Lake, ON K0L 1R0  
 P: 705.657.8045 ext 222 F: 705.657.8708  
 W: [h\\_p://secure-web.cisco.com/1qKoQs4cnBIK5\\_5ACYVvUOfrt1TV\\_HbG25Lk042GfwR\\_oEocElwt-kWv7xu8\\_E2DcWh90gV2AtbGxJrfZ\\_yZNLkLaQQ861Te6ph25pZlqM8lmgk17KdF09XzGx25L\\_9lc-P-Ei3yaBLgRQu5uGi6DULaAL2Jfuv4rsNA3DbATuY40rINZV6hZiBcD9nLIUxs0Yo\\_3B-nuvq306Lc0zBRulq6wy38g2SjSjwcPyez7iVpgUWq-3gYJFi9WCg7W\\_PeeC7hvPcqzKohFy1oISUeOPkRA125xHQ5\\_Xe2cU7KMXEjos4UrbA9o3GShehmUih/h\\_p%3A%2F%2Fwww.curvelakefirstna\\_on.ca](https://secure-web.cisco.com/1qKoQs4cnBIK5_5ACYVvUOfrt1TV_HbG25Lk042GfwR_oEocElwt-kWv7xu8_E2DcWh90gV2AtbGxJrfZ_yZNLkLaQQ861Te6ph25pZlqM8lmgk17KdF09XzGx25L_9lc-P-Ei3yaBLgRQu5uGi6DULaAL2Jfuv4rsNA3DbATuY40rINZV6hZiBcD9nLIUxs0Yo_3B-nuvq306Lc0zBRulq6wy38g2SjSjwcPyez7iVpgUWq-3gYJFi9WCg7W_PeeC7hvPcqzKohFy1oISUeOPkRA125xHQ5_Xe2cU7KMXEjos4UrbA9o3GShehmUih/h_p%3A%2F%2Fwww.curvelakefirstna_on.ca)  
 E: [KaitlinH@curvelake.ca](mailto:KaitlinH@curvelake.ca)

Government Services Building  
22 Winookeadaa Road  
Curve Lake, Ontario K0L1R0



Phone: 705.657.8045  
Fax: 705.657.8708  
www.curvelakefirstnation.ca

January 5, 2022  
VIA E-MAIL

Matthew Chegahno  
Advisor, Community & Indigenous Engagement, Eastern Region  
Enbridge Inc.  
519-502-3570  
Matthew.chegahno@enbridge.com

**RE: Proposed Selwyn Community Expansion Project**

Dear Matthew,

I would like to acknowledge receipt of correspondence, which was received on December 13<sup>th</sup>, 2021, regarding the above noted project. As you may be aware, the area in which your project is proposed is situated within the Traditional Territory of Curve Lake First Nation. Our First Nation's Territory is incorporated within the Williams Treaties Territory and was the subject of a claim under Canada's Specific Claims Policy, which has now been settled. All 7 First Nations within the Williams Treaties have had their harvesting rights legally re-affirmed and recognized through this settlement.

Curve Lake First Nation is requiring a File Fee for this project in the amount of \$250.00 as outlined in our *Consultation and Accommodation Standards*. This Fee includes project updates as well as review of standard material and project overviews. Depending on the amount of documents to be reviewed by the Consultation Department, additional fees may apply. **Please make this payment to Curve Lake First Nation Consultation Department and please indicate the project name or number on the cheque.**

If you do not have a copy of *Curve Lake First Nation's Consultation and Accommodation Standards* they are available at <https://www.curvelakefirstnation.ca/services-departments/lands-rights-resources/consultation/>. Hard copies are available upon request.

Based on the information that you have provided us with respect to the Proposed Selwyn Community Expansion project, Curve Lake First Nation may require a Special Consultation Framework for this project. Information on this Framework can be found on page 9 of our *Consultation and Accommodation Standards* document.

In order to assist us in providing you with timely input, it would be appreciated if you could provide a summary statement indicating how the project will address the following areas that are of concern to our First Nation within our Traditional and Treaty Territory: possible environmental impact to our drinking water; endangerment to fish and wild game; impact on Aboriginal heritage and cultural values; and to endangered species; lands; savannas etc.



Government Services Building  
22 Winookeedaa Road  
Curve Lake, Ontario K0L1R0



Phone: 705.657.8045  
Fax: 705.657.8708  
[www.curvelakefirstnation.ca](http://www.curvelakefirstnation.ca)

After the information is reviewed it is expected that you or a representative will be in contact to make arrangements to discuss this matter in more detail and possibly set up a date and time to meet with Curve Lake First Nation in person (or virtually).

Although we have not conducted exhaustive research nor have we the resources to do so, there may be the presence of burial or archaeological sites in your proposed project area. Please note, that we have particular concern for the remains of our ancestors. Should excavation unearth bones, remains, or other such evidence of a native burial site or any other archaeological findings, we must be notified without delay. In the case of a burial site, Council reminds you of your obligations under the *Cemeteries Act* to notify the nearest First Nation Government or other community of Aboriginal people which is willing to act as a representative and whose members have a close cultural affinity to the interred person. As I am sure you are aware, the regulations further state that the representative is needed before the remains and associated artifacts can be removed. Should such a find occur, we request that you contact our First Nation immediately.

Furthermore, Curve Lake First Nation also has available, trained Cultural Heritage Liaisons who are able to actively participate in the archaeological assessment process as a member of a field crew, the cost of which will be borne by the proponent. **Curve Lake First Nation expects engagement at Stage 1 of an archaeological assessment** so that we may include Indigenous Knowledge of the land in the process. We insist that at least one of our Cultural Heritage Liaisons be involved in any Stage 2-4 assessments, including test pitting, and/or pedestrian surveys to full excavation.

Although we may not always have representation at all stakeholder meetings, as rights holders', it is our wish to be kept apprised throughout all phases of this project. Please note that this letter does not constitute consultation, but it does represent the initial engagement process.

Should you have further questions or if you wish to hire a Liaison for a project, please contact Julie Kapyrka or Kaitlin Hill, Lands and Resources Consultation Liaisons, at 705-657-8045 or via email at [JulieK@Curvelake.ca](mailto:JulieK@Curvelake.ca) and [KaitlinH@Curvelake.ca](mailto:KaitlinH@Curvelake.ca) .

Yours sincerely,

A handwritten signature in blue ink, appearing to read "Emily Whetung", is written over a light blue circular stamp or watermark.

Chief Emily Whetung  
Curve Lake First Nation

**From:** Ma hew Chegahno  
**Sent:** Thursday, January 20, 2022 9:41 AM  
**To:** 'Kaitlin Hill' <KaitlinH@curvelake.ca>  
**Cc:** 'Julie Kapyrka' <JulieK@curvelake.ca>  
**Subject:** RE: Proposed Selwyn Community Expansion Project

Kaitlin,

Further to below, please find attached a summary response letter prepared by Enbridge Inc. in regard to Curve Lake First Nation's initial inquiries into the proposed *Selwyn Community Expansion Project*. I hope this information is of use to the community and I would welcome a discussion to help provide any further detail that may be requested.

I look forward to continuing to work with you, on behalf of Curve Lake, on this matter.

Chi-miigwetch,

Ma hew

**Matthew Chegahno** (he/him)  
Advisor, Community & Indigenous Engagement

**Public Affairs, Communications & Sustainability**

ENBRIDGE INC.  
CELL: 519-502-3570 | [ma\\_hew.chegahno@enbridge.com](mailto:ma_hew.chegahno@enbridge.com)  
603 Kumpf Drive, Waterloo ON, N2J 4A4

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Matthew Chegahno  
Advisor, Community & Indigenous Engagement  
Eastern Region Operations  
Enbridge Inc.

Provided by Communica  
Enbridge  
603 Kumpf Drive  
Waterloo, ON N2J 4A4  
Canada

Thursday, January 20, 2022  
VIA E-MAIL

Chief Emily Whetung  
Curve Lake First Nation  
22 Winookeedaa Road  
Curve Lake, ON  
K0L 1R0

**RE: INITIAL SUMMARY STATEMENT – SELWYN COMMUNITY EXPANSION PROJECT**

Dear Chief Emily Whetung,

I wanted to follow-up on the project initiation for the proposed *Selwyn Community Expansion Project* and provide a general summary of the Project, potential impacts, and mitigations.

**Project Summary:**

To provide access to natural gas distribution services to the community of Selwyn, Enbridge Gas Inc. (Enbridge Gas) has identified the need to construct approximately 8.4 km of Nominal Pipe Size (“NPS”) 6-inch and 2-inch High Pressure Polyethylene (“HPPE”) natural gas pipeline and may also make modifications to an existing station (the “Project”). The proposed facilities are located predominantly within the Township of Selwyn and the Project is proposed to be placed into service as early as Q2 2023.

In response to Curve Lake First Nation’s (CLFN) initial inquiry surrounding potential projects impacts, please find information on the following areas of interest.

- 1) Drinking Water** – No impacts are anticipated to drinking water as the installation depth of natural gas pipelines ranges from 0.9m to 1.2m. Horizontal Directional Drilling (HDD) may be conducted under watercourses, which occurs at a depth of at least 2.0 to 2.5m or as recommended through additional studies such as geotechnical assessments. The draft Environmental Report (ER) will identify if there is a need for a water well monitoring program on individual wells in the vicinity of the chosen pipeline route.
- 2) Endangerment to fish and wild game** – HDD is the preferred method for watercourse crossings. Fisheries and Oceans Canada’s Measures to Protect Fish and Fish Habitat, as well as other Best Management Practices, will be used during work in vicinity of watercourses or when utilizing HDD under watercourses. As the pipeline will be mainly within existing municipal right-of-way, impacts to wildlife/wild game are not anticipated.
- 3) Impact on Aboriginal heritage and cultural values** – As part of the ER, screening for built heritage resources and cultural heritage landscapes in the vicinity of the pipeline will be conducted, using the MHSTCI’s document, ‘Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes’ and preliminary mitigation measures will be developed. If built heritage or cultural landscape features are identified based on this document, further studies may be completed to evaluate the features and propose additional mitigation measures, as required.

Regarding specific Aboriginal heritage and cultural values, Enbridge welcomes Curve Lake's expertise on identifying potential Aboriginal heritage and cultural values in the proposed project footprint.

- 4) **Endangered species** – As the proposed pipeline will be mainly installed within existing municipal right-of-way, impacts to Species at Risk are not anticipated and mitigation measures will be implemented that will avoid potential impacts. Mitigation measures for Species at Risk will be noted in the draft ER and the need for further consultation with the Ministry of Environment, Conservation and Parks is currently being evaluated.
- 5) **Lands; savannas etc.** – As the proposed pipeline will be mainly installed within existing municipal right-of-way, impacts to these features are not anticipated.
- 6) **Indigenous burial or archaeological sites in the proposed project area** – As part of the preparation of the draft ER, a Stage 1 Archaeological Assessment will be conducted. This assessment, along with Curve Lake's knowledge of the area, will help to determine the presence of archaeological sites or Indigenous burial grounds. This Stage 1 Report will be shared with Indigenous communities for comment during the Ontario Pipeline Coordinating Committee (OPCC) consultation period prior to submission to the MHSTCI.

As it relates to archaeological interests, once the Stage 1 assessment is completed, we will be providing a draft archaeology report for Curve Lake's review and comment, which will have detailed information on any archaeological sites or Indigenous burial grounds identified in Ministry databases. We would appreciate any additional knowledge or insight Curve Lake could share regarding areas that may be identified in these assessments. Further, should additional assessments be recommended, we would welcome the participation and the shared knowledge of the community in this work.

Enbridge is committed to keeping interested Indigenous communities engaged in archaeological work related to Enbridge projects. As such, we are committed to ongoing engagement with the CLFN Consultation Office on archaeological potential in the proposed project footprint and providing timely notifications of any discoveries.

Similarly, we will engage the community in environmental mitigation discussions once the scope of the project is better defined. Feedback from Indigenous communities and organizations received during the environmental study phase shapes the draft ER, which is provided to the community for review and comment. Enbridge would welcome the opportunity to further build our understanding of Curve Lake First Nation's environmental priorities related to this important area.

As always, Enbridge recognizes that consultation is ongoing. As such, we continue to be interested in understanding, and working collaboratively to mitigate, the impacts this Project may have on Aboriginal and/or Treaty Rights.

Should you have capacity needs or fees associated with your participation in and review of this project, please produce invoices for the work. The correct **billing address** for invoices associated with the proposed *Selwyn Community Expansion Project* is below and invoices must have the following information:

- Full Legal Enbridge Company Name: **Enbridge Gas Inc.**



**Matthew Chegahno**  
Advisor, Community & Indigenous Engagement  
Eastern Region Operations  
Enbridge Inc.

Provided by Communica  
**Enbridge**  
603 Kumpf Drive  
Waterloo, ON N2J 4A4  
Canada

- Project Number: 20022289
- Supplier Name and Remittance Address – Your complete company name, remit-to address and current contact information (email preferred)
- Invoice Date
- Invoice Number – must be unique
- Total amount due – including currency
- Description of Goods or Services – including all supporting documentation
- Enbridge Invoicing Contact Name – Miranda Pilon (Project Manager) and Matthew Chegahno (cc)

Billing Address

**Miranda Pilon (Project Manager)**

**Enbridge Gas Inc.**

**500 Consumers Rd, North York, Ontario, M2J 1P8**

**Attn: Selwyn Community Expansion Project (Project #20022289)**

**CC: Matthew Chegahno (Advisor, Community & Indigenous Engagement)**

Please advise if you require additional information on the topics discussed above and do not hesitate to contact me should you have any additional questions on the Project.

Chi-miigwetch,

**Matthew Chegahno**

Advisor, Community & Indigenous Engagement

Eastern Region Operations

Enbridge Inc.

**From:** Matthew Chegahno <matthew.chegahno@enbridge.com>  
**Sent:** Monday, January 24, 2022 9:46 AM  
**To:** Kaitlin Hill; Julie Kapyrka  
**Cc:** Francis M. Chua; Jordon MacArthur; Kayla Wright  
**Subject:** FW: Proposed Selwyn Community Expansion Project

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Good morning Kaitlin,

I hope this note finds you well this snowy Monday morning. I trust that Curve Lake received the summary response letter that I provided on behalf of Enbridge. Recognizing that these are busy days, I have included it again in the attachments just so it doesn't get lost in this email thread.

I am also attaching some supplemental information, the Notice of Study Commencement and Virtual Open House letter, which includes an invitation for Curve Lake First Nation to provide some additional feedback or shared knowledge by **Monday, February 28, 2022**. I acknowledge that we have received Curve Lake's Level 2 letter and wanted to provide this additional space for Curve Lake to learn more about the project and provide additional feedback or pose questions, as necessary.

As always, if you have any questions or would like to speak more about the Project, please feel free to contact me directly.

Chi-miigwetch,

Matthew

**Matthew Chegahno** (he/him)

Advisor, Community & Indigenous Engagement

**Public Affairs, Communications & Sustainability**

ENBRIDGE INC.

CELL: 519-502-3570 | [matthew.chegahno@enbridge.com](mailto:matthew.chegahno@enbridge.com)

603 Kumpf Drive, Waterloo ON, N2J 4A4

**Safety. Integrity. Respect. Inclusion.**



**Stantec Consulting Ltd.**  
300W-675 Cochrane Drive, Markham ON L3R 0B8



January 24, 2022

Attention: Emily Whetung, Chief  
Curve Lake First Nation  
22 Winookeedaa Road  
Curve Lake K0L 1R0  
emilyw@curvelakefn.ca

Dear Chief Emily Whetung,

**Reference: Enbridge Gas Inc. – Selwyn Community Expansion Project, Notice of Study Commencement and Virtual Information Session**

I am writing to advise you of an upcoming proposed natural gas pipeline project in the Township of Selwyn, in the Williams Treaties Traditional Territory.

Enbridge Gas Inc. (Enbridge Gas) is proposing to construct the Selwyn Community Expansion Project to supply the community in the Township of Selwyn with affordable natural gas (the “Project”). The Project will involve the construction of up to approximately 8.4 kilometers (km) of 2- and 6-inch Nominal Pipe Size (NPS) natural gas pipeline to be located primarily in the road allowance of 8<sup>th</sup> Line.

The proposed route will tie into the existing Enbridge Gas system at the intersection of 8<sup>th</sup> Line and Selwyn Road and will travel east to the terminal tie-in point at 8<sup>th</sup> Line and Buckhorn Road. The proposed route has been developed for purposes of an assessment of potential environmental and socioeconomic impacts and does not represent the final project scope / design that will provide access to natural gas to end-use customers.

To accommodate the increased supply of natural gas, the Project may also involve the rebuild of an Existing Enbridge Station at Ward Street and Bridge Street, in Bridgenorth, Ontario. For further details, please refer to the attached Figure.

As part of the planning process, Enbridge Gas has retained Stantec Consulting Ltd. (Stantec) to undertake an Environmental Study for the Project. The Environmental Study will fulfill the requirements of the Ontario Energy Board’s (OEB) *“Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)”*.

An Environmental Report, summarizing the results of the Environmental Study, will accompany Enbridge Gas’ application to the OEB requesting a leave to construct (LTC) for the Project. It is anticipated that the Environmental Report will be completed in Spring 2022, after which Enbridge Gas will file the LTC application. Should the OEB find the Project to be in the public’s interest, construction is anticipated to commence in Q4 2022.

Stantec is presently compiling an environmental, socio-economic, and archaeological/cultural heritage inventory of the Study Area defined in the attached Figure. As an Indigenous community with a potential interest in the Study Area, we are inviting Curve Lake First Nation to provide comments and feedback regarding the proposed Project. Specifically, we are seeking information about areas that may be culturally significant to your community in the established Study Area and information about potential impacts that the Project may have on asserted or established Aboriginal and treaty rights, and any measures for mitigating those adverse impacts.

January 24, 2022  
Emily Whetung  
Page 2 of 2

Reference: Enbridge Gas Inc. – Selwyn Community Expansion Project, Notice of Study Commencement and Virtual Information Session

As part of the Environmental Study, Enbridge Gas is also in the process of contacting the following agencies:

- Indigenous and Northern Affairs Canada; and
- Ministry of Indigenous Affairs.

As a result of the health risks associated with in-person gatherings and physical distancing requirements set out by the Province of Ontario due to COVID-19, a Virtual Information Session will be held in place of an in-person Information Session.

The Virtual Information Session will be available for two weeks starting on **February 3, 2022**, and finishing on **February 22, 2022**, at <https://solutions.ca/SelwynEA>.

A questionnaire will be available as part of the Virtual Information Session, and you will have the ability to submit comments and/or questions about the proposed Project. In addition, a copy of the Virtual Information Session story boards will be available on the Enbridge Gas project website at: <https://www.enbridgegas.com/selwyn>

Enbridge Gas is committed to meaningful engagement with Indigenous communities. As such, we would be interested in holding a conference call with the Curve Lake First Nation to share Project related information, should you wish. If you have any questions, would like to provide feedback, share knowledge, or would be interested in setting up a briefing on this Project please feel free to contact me directly. We look forward to engaging with the Curve Lake First Nation to ensure your interests are being considered and represented.

We kindly request that initial input and comments regarding the Project are provided by your community by **February 28, 2022**. Please let us know if you are unable to respond by this date but are interested in participating in the consultation process for the Project.

If you have questions or concerns regarding the Project, please do not hesitate to contact me directly.

Regards,

**ENBRIDGE GAS INC.**



**Matthew Chegahno**

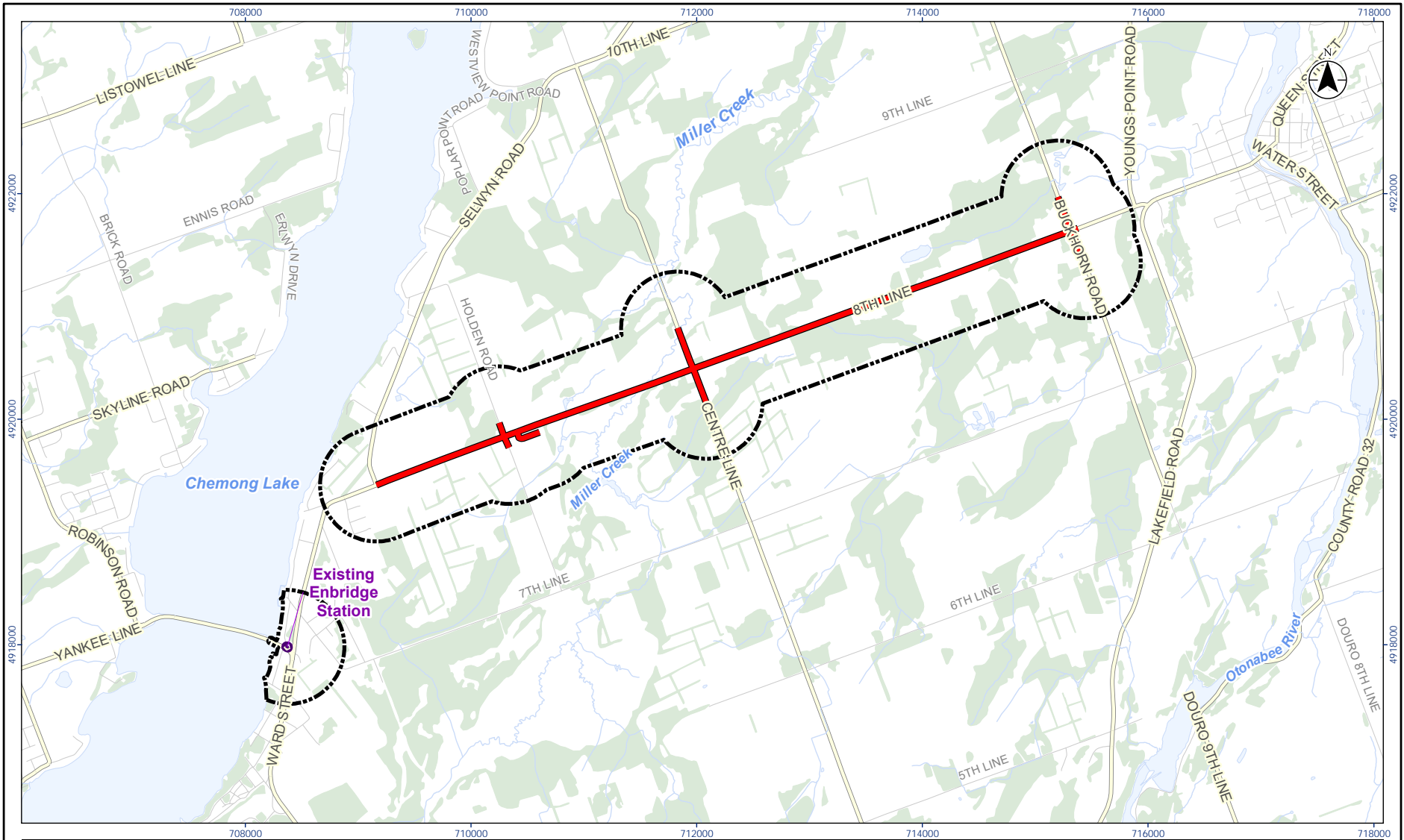
Advisor, Community & Indigenous Engagement  
Enbridge Gas Inc.  
Phone: 519-502-3570  
[matthew.chegahno@enbridge.com](mailto:matthew.chegahno@enbridge.com)

Attachment: Figure 1 – Study Area

c. George Tatolis, Advisor Environmental, Enbridge Gas Inc.  
Kayla Ginter, Stantec Consulting Ltd.

Design with community in mind

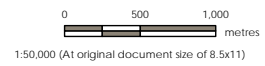




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- Legend**
- Existing Enbridge Station
  - Wooded Area
  - Waterbody
  - Proposed Route
  - Watercourse
  - Study Area
  - Major Road
  - Minor Road



**Notes**  
 1. Coordinate System: NAD 1983 UTM Zone 17N  
 2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2021.

Project Location: Township of Selwyn  
 160951299 REVA  
 Prepared by SPE on 2021-12-23

Client/Project: ENBRIDGE GAS INC. PROPOSED NATURAL GAS PIPELINE TO SERVE THE COMMUNITY OF SELWYN

Figure No.: 1  
 Title: Study Area



**From:** Melanie Green <Melanie.Green@enbridge.com>

**Sent:** Monday, February 7, 2022 7:13 AM

**To:** francis@francischua.com; JordonM@curvelake.ca; JulieK@curvelake.ca; KaitlinH@curvelake.ca; kayla@francischua.com

**Cc:** Lauryn Graham; Ma hew Chegahno

**Subject:** Selwyn Community Expansion Project - Follow up

CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning,

I hope you all has a fantas. c weekend – I wanted to take this time to introduce myself. Moving forward, I will be replacing Ma hew Chegahno as your advisor for all things Enbridge related. I currently hold a similar portfolio with other Indigenous nations and I and thrilled that I have been given the opportunity to work with you all. Separate from this email I will be sending out a much more formal email and I hope to meet you in the coming months. I look forward to working together.

I also wanted to take the opportunity to remind you of the virtual open house that is currently happening that is related to our Selwyn Project. Ma hew would have sent you a project notification on or around January 24<sup>th</sup>, 2022.

I know how busy we tend to get, so I thought a gentle reminder would be nice. If you have not already, please have a look – as we value your feedback.

The Virtual Information Session will be available for two weeks starting on **February 3, 2022**, and finishing on **February 22, 2022**, at <https://solutions.ca/SelwynEA>.

A questionnaire will be available as part of the Virtual Information Session, and you will have the ability to submit comments and/or questions about the proposed Project. In addition, a copy of the Virtual Information Session story boards will be available on the Enbridge Gas project website at: <https://www.enbridgegas.com/selwyn>

thank you and if you should have any questions or concerns, please let me know.

Mel

**Melanie Green** C.E.T

Senior Advisor, Community & Indigenous Engagement, Eastern Region  
Conseiller principal, Engagement communautaire et autochtone, Région de l'Est

Public Affairs, Communications & Sustainability  
Affaires publiques, communications et développement durable

**ENBRIDGE INC.**

TEL: 613.747.4039 | Cell: 613.297.4365

400 Coventry Rd, Ottawa, ON K1K2C7

[www.enbridge.com](http://www.enbridge.com)

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**Sécurité. Intégrité. Respect. Inclusion.**

**From:** Julie Kapyrka <JulieK@curvelake.ca>  
**Sent:** Sunday, February 13, 2022 12:43 PM  
**To:** Ma hew Chegahno <ma\_hew.chegahno@enbridge.com>  
**Cc:** Kaitlin Hill <KaitlinH@curvelake.ca>; Bridget Taylor <BridgetT@curvelake.ca>; Stephanie Monahan <StephanieM@curvelake.ca>  
**Subject:** [External] Two invoices RE: Filing fees

**CAUTION: EXTERNAL EMAIL**

This email originated from outside Enbridge and could be a phish. Criminals can pretend to be anyone. Do not interact with the email unless you are 100% certain it is legitimate. Report any suspicious emails.

Aaniin Ma hew,

As discussed, please find both filing fees attached.

Miigwech.

All the best,



**Dr. Julie Kapyrka**  
 Lands & Resources Consultant  
 Curve Lake First Nation Government Services Building  
 22 Winookeeda Road, Curve Lake, ON K0L 1R0  
 P: 705.657.8045 ext. 239 F: 705.657.8708  
 W: [https://secure-web.cisco.com/11Tm8OZjbrg2GeOYg0wDkmjHYXymU2WpjPEgBBA4s2Mb03fP9K08Of8vGMPuTvjbqCq-d0MV1WRRg0gnjGT0AVqPL3Qe2icaUvGJs1do2jFtNz2tLzkxg4AJOTV9mrCwrTeJo0eeVHLroOxcFGiV1tXL3aOyBcZ\\_UMUZJbcmmojwG-0yqryMgICpV6vNCjuQQT3BZr05chfhDc2ROSzFcjW7MX1YXgZtfdeC0TXKSTGCAhWUUm6s\\_q\\_ONaPuiY9etextBBVumD1kL2XcOa0XT943JtRSEYsEP/hj](https://secure-web.cisco.com/11Tm8OZjbrg2GeOYg0wDkmjHYXymU2WpjPEgBBA4s2Mb03fP9K08Of8vGMPuTvjbqCq-d0MV1WRRg0gnjGT0AVqPL3Qe2icaUvGJs1do2jFtNz2tLzkxg4AJOTV9mrCwrTeJo0eeVHLroOxcFGiV1tXL3aOyBcZ_UMUZJbcmmojwG-0yqryMgICpV6vNCjuQQT3BZr05chfhDc2ROSzFcjW7MX1YXgZtfdeC0TXKSTGCAhWUUm6s_q_ONaPuiY9etextBBVumD1kL2XcOa0XT943JtRSEYsEP/hj)  
 E: [JulieK@curvelake.ca](mailto:JulieK@curvelake.ca)

**From:** Ma hew Chegahno <ma\_hew.chegahno@enbridge.com>  
**Sent:** Monday, February 14, 2022 6:31 AM  
**To:** Julie Kapyrka  
**Cc:** Kaitlin Hill; Bridget Taylor; Stephanie Monahan  
**Subject:** RE: Two invoices RE: Filing fees

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Morning Dr. Julie,

Chi-miigwetch for providing both filing fees for *Selwyn Community Expansion Project* and *Kingston System Reinforcement Project*. I will be sure to pay them, if not today, then surely this week.

Ma

**Matthew Chegahno** (he/him)  
Advisor, Community & Indigenous Engagement

**Public Affairs, Communications & Sustainability**

ENBRIDGE INC.  
CELL: 519-502-3570 | [ma\\_hew.chegahno@enbridge.com](mailto:ma_hew.chegahno@enbridge.com)  
603 Kumpf Drive, Waterloo ON, N2J 4A4

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**From:** Ma hew Chegahno <ma\_hew.chegahno@enbridge.com>  
**Sent:** Tuesday, February 22, 2022 8:39 AM  
**To:** Julie Kapyrka  
**Cc:** Kaitlin Hill; Bridget Taylor; Stephanie Monahan; Melanie Green  
**Subject:** RE: Two invoices RE: Filing fees

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Aahnii Dr. Julie,

I just spoke with Stephanie this morning and we got each of the four \$250 project filing fees paid in full. One for each of the attached Selwyn Community Expansion, Bobcaygeon Community Expansion, Haldimand Shores Community Expansion, and Kingston Reinforcement. I was sure to provide Stephanie with the Invoice number as well as the Project name for each of the four payments.

If there are any questions or concerns, please let me know and I will correct as necessary.

Miigwetch,

Ma hew

**From:** Ma hew Chegahno <ma\_hew.chegahno@enbridge.com>  
**Sent:** Tuesday, February 22, 2022 8:39 AM  
**To:** Julie Kapyrka  
**Cc:** Kaitlin Hill; Bridget Taylor; Stephanie Monahan; Melanie Green  
**Subject:** RE: Two invoices RE: Filing fees

CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Aahnii Dr. Julie,

I just spoke with Stephanie this morning and we got each of the four \$250 project filing fees paid in full. One for each of the attached Selwyn Community Expansion, Bobcaygeon Community Expansion, Haldimand Shores Community Expansion, and Kingston Reinforcement. I was sure to provide Stephanie with the Invoice number as well as the Project name for each of the four payments.

If there are any questions or concerns, please let me know and I will correct as necessary.

Miigwetch,

Ma hew

**From:** Melanie Green <Melanie.Green@enbridge.com>  
**Sent:** Monday, March 21, 2022 8:27 AM  
**To:** Gary Pritchard  
**Cc:** JulieK@curvelake.ca; francis@francischua.com  
**Subject:** Hello & Good Morning!

CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Gary,

Thank you so much for the training again – I for one took a lot away and appreciated all of it! I know we spoke about getting together to review comments and response and our path forward regarding projects in Bobcaygeon, Haldimand and Selwyn. I am curious to know your availability – would later this week or next work? I will make the trip to curve lake if you all will accept me.

Mel

**Melanie Green** C.E.T

Senior Advisor, Community & Indigenous Engagement, Eastern Region  
Conseiller principal, Engagement communautaire et autochtone, Région de l'Est

Public Affairs, Communications & Sustainability  
Affaires publiques, communications et développement durable

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**Sécurité. Intégrité. Respect. Inclusion.**

**From:** Matthew Chegahno <matthew.chegahno@enbridge.com>  
**Sent:** Monday, December 13, 2021 2:19 PM  
**To:** Tom Cowie  
**Subject:** Project Notification - Selwyn Community Expansion Project

CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon Tom,

Please find attached the project notification letter for Enbridge Gas' proposed *Selwyn Community Expansion Project*.

**Project Summary:**

To provide access to natural gas distribution services to the community of Selwyn, Enbridge Gas has identified the need to construct approximately 7 km of Nominal Pipe Size ("NPS") 6-inch High Pressure Polyethylene ("HPPE") natural gas pipeline, approximately 2 km of NPS 2-inch HPPE natural gas pipeline and may also make modifications to an existing station (the "Project"). The proposed facilities are located predominantly within the Township of Selwyn and the Project is proposed to be placed into service as early as Q2 2023.

We are seeking Hiawatha First Nation's initial feedback or shared knowledge by **Friday, January 14, 2022**. As always, please advise if there are capacity requirements that are needed in order to complete this work.

Should you have questions or concerns, or would be interested in setting up a briefing on this project please feel free to contact me directly. We look forward to engaging with you to ensure your community's interests are being considered and represented.

Chi-miigwetch,

Matthew

**Matthew Chegahno**

Advisor, Community & Indigenous Engagement

**Public Affairs, Communications & Sustainability**

ENBRIDGE INC.

CELL: 519-502-3570 | [matthew.chegahno@enbridge.com](mailto:matthew.chegahno@enbridge.com)

603 Kumpf Drive, Waterloo ON, N2J 4A4

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**From:** Ma hew Chegahno <ma\_hew.chegahno@enbridge.com>  
**Sent:** Monday, January 24, 2022 9:31 AM  
**To:** Tom Cowie  
**Subject:** FW: Project No fication - Selwyn Community Expansion Project

CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Tom,

I hope this note finds you well this snowy Monday morning. I wanted to send a follow up to the email below regarding Enbridge Gas' proposed *Selwyn Community Expansion Project*.

Please find attached the Notice of Study Commencement and Virtual Open House letter, which includes an invitation for Hiawatha First Nation's initial feedback or shared knowledge by **Monday, February 28, 2022**. Moreover, I have also attached the previously provided Project No fication Letter for your reference as well.

As always, if you have any questions, please feel free to contact me directly.

Chi-miigwetch,

Ma hew

**Matthew Chegahno** (he/him)

Advisor, Community & Indigenous Engagement

**Public Affairs, Communications & Sustainability**

ENBRIDGE INC.

CELL: 519-502-3570 | [ma\\_hew.chegahno@enbridge.com](mailto:ma_hew.chegahno@enbridge.com)

603 Kumpf Drive, Waterloo ON, N2J 4A4

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**Stantec Consulting Ltd.**  
300W-675 Cochrane Drive, Markham ON L3R 0B8



January 24, 2022

Attention: Laurie Carr, Chief  
Hiawatha First Nation  
431 Hiawatha Line  
Hiawatha K9J 0E6  
chiefcarr@hiawathafn.ca

Dear Chief Laurie Carr,

**Reference: Enbridge Gas Inc. – Selwyn Community Expansion Project, Notice of Study Commencement and Virtual Information Session**

I am writing to advise you of an upcoming proposed natural gas pipeline project in the Township of Selwyn, in the Williams Treaties Traditional Territory.

Enbridge Gas Inc. (Enbridge Gas) is proposing to construct the Selwyn Community Expansion Project to supply the community in the Township of Selwyn with affordable natural gas (the “Project”). The Project will involve the construction of up to approximately 8.4 kilometers (km) of 2- and 6-inch Nominal Pipe Size (NPS) natural gas pipeline to be located primarily in the road allowance of 8<sup>th</sup> Line.

The proposed route will tie into the existing Enbridge Gas system at the intersection of 8<sup>th</sup> Line and Selwyn Road and will travel east to the terminal tie-in point at 8<sup>th</sup> Line and Buckhorn Road. The proposed route has been developed for purposes of an assessment of potential environmental and socioeconomic impacts and does not represent the final project scope / design that will provide access to natural gas to end-use customers.

To accommodate the increased supply of natural gas, the Project may also involve the rebuild of an Existing Enbridge Station at Ward Street and Bridge Street, in Bridgenorth, Ontario. For further details, please refer to the attached Figure.

As part of the planning process, Enbridge Gas has retained Stantec Consulting Ltd. (Stantec) to undertake an Environmental Study for the Project. The Environmental Study will fulfill the requirements of the Ontario Energy Board’s (OEB) *“Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)”*.

An Environmental Report, summarizing the results of the Environmental Study, will accompany Enbridge Gas’ application to the OEB requesting a leave to construct (LTC) for the Project. It is anticipated that the Environmental Report will be completed in Spring 2022, after which Enbridge Gas will file the LTC application. Should the OEB find the Project to be in the public’s interest, construction is anticipated to commence in Q4 2022.

Stantec is presently compiling an environmental, socio-economic, and archaeological/cultural heritage inventory of the Study Area defined in the attached Figure. As an Indigenous community with a potential interest in the Study Area, we are inviting Hiawatha First Nation to provide comments and feedback regarding the proposed Project. Specifically, we are seeking information about areas that may be culturally significant to your community in the established Study Area and information about potential impacts that the Project may have on asserted or established Aboriginal and treaty rights, and any measures for mitigating those adverse impacts.

January 24, 2022  
Laurie Carr  
Page 2 of 2

Reference: Enbridge Gas Inc. – Selwyn Community Expansion Project, Notice of Study Commencement and Virtual Information Session

As part of the Environmental Study, Enbridge Gas is also in the process of contacting the following agencies:

- Indigenous and Northern Affairs Canada; and
- Ministry of Indigenous Affairs.

As a result of the health risks associated with in-person gatherings and physical distancing requirements set out by the Province of Ontario due to COVID-19, a Virtual Information Session will be held in place of an in-person Information Session.

The Virtual Information Session will be available for two weeks starting on **February 3, 2022**, and finishing on **February 22, 2022**, at <https://solutions.ca/SelwynEA>.

A questionnaire will be available as part of the Virtual Information Session, and you will have the ability to submit comments and/or questions about the proposed Project. In addition, a copy of the Virtual Information Session story boards will be available on the Enbridge Gas project website at: <https://www.enbridgegas.com/selwyn>

Enbridge Gas is committed to meaningful engagement with Indigenous communities. As such, we would be interested in holding a conference call with the Hiawatha First Nation to share Project related information, should you wish. If you have any questions, would like to provide feedback, share knowledge, or would be interested in setting up a briefing on this Project please feel free to contact me directly. We look forward to engaging with the Hiawatha First Nation to ensure your interests are being considered and represented.

We kindly request that initial input and comments regarding the Project are provided by your community by **February 28, 2022**. Please let us know if you are unable to respond by this date but are interested in participating in the consultation process for the Project.

If you have questions or concerns regarding the Project, please do not hesitate to contact me directly.

Regards,

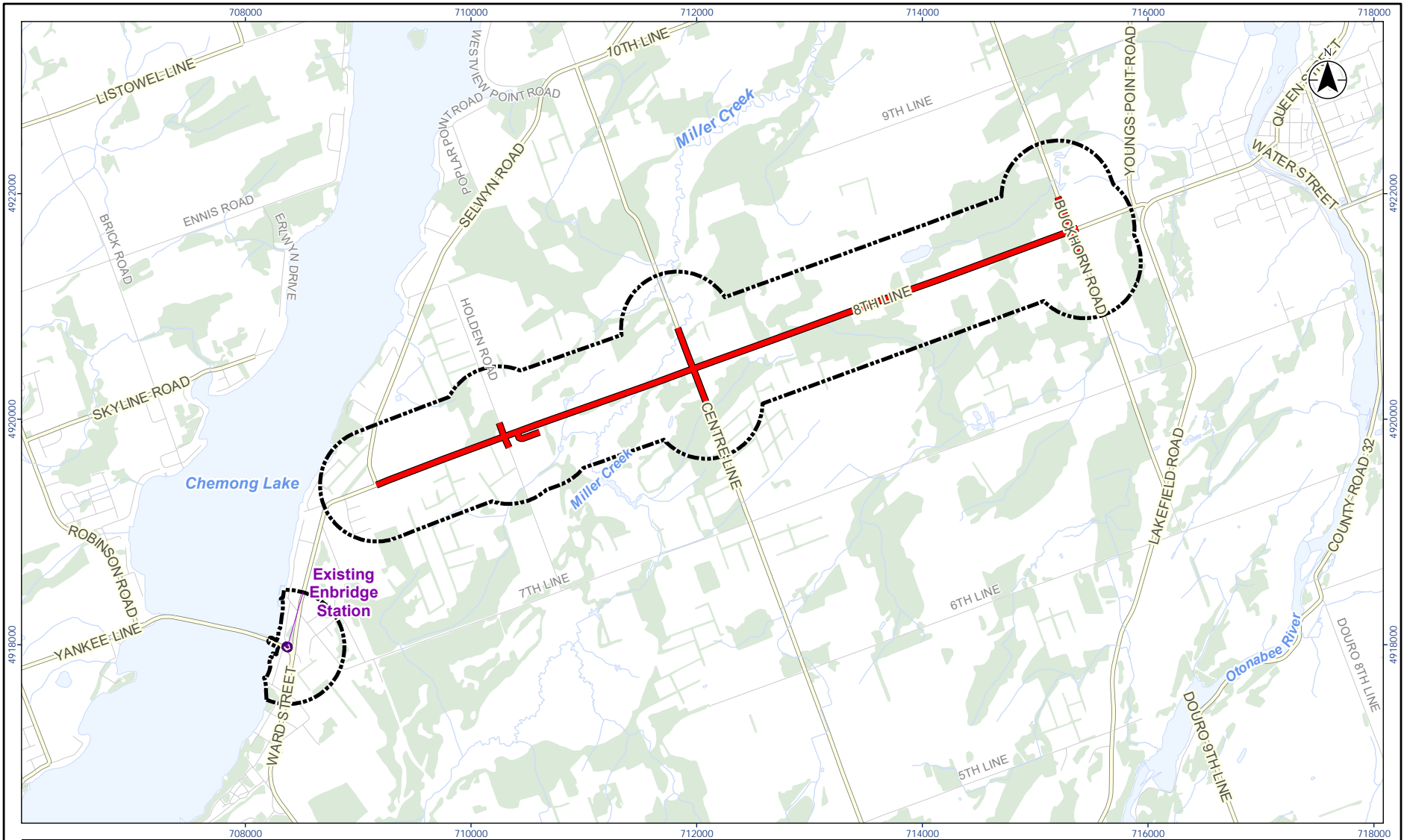
**ENBRIDGE GAS INC.**



**Matthew Chegahno**  
Advisor, Community & Indigenous Engagement  
Enbridge Gas Inc.  
Phone: 519-502-3570  
[matthew.chegahno@enbridge.com](mailto:matthew.chegahno@enbridge.com)

Attachment: Figure 1 – Study Area

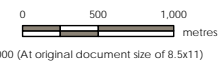
c. George Tatolis, Advisor Environmental, Enbridge Gas Inc.  
Kayla Ginter, Stantec Consulting Ltd.



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 Revised: 2021-12-23 By: seanes



- Legend**
- Existing Enbridge Station
  - Proposed Route
  - Study Area
  - Major Road
  - Minor Road
  - Wooded Area
  - Waterbody
  - Watercourse



**Notes**

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2021.

Project Location: Township of Selwyn  
 160951299 REVA  
 Prepared by SPE on 2021-12-23

Client/Project: ENBRIDGE GAS INC. PROPOSED NATURAL GAS PIPELINE TO SERVE THE COMMUNITY OF SELWYN

Figure No.: 1  
 Title: Study Area



**From:** Melanie Green  
**Sent:** Monday, February 7, 2022 9:45 AM  
**To:** tcowie@hiawathafn.ca  
**Cc:** Lauryn Graham <lauryn.graham@enbridge.com>; Ma hew Chegahno <ma hew.chegahno@enbridge.com>  
**Subject:** Selwyn Community Expansion Project - Follow Up

Good morning,

I hope you all has a fantas. c weekend – I wanted to take this time to introduce myself. Moving forward, I will be replacing Ma hew Chegahno as your advisor for all things Enbridge related. I currently hold a similar portfolio with other Indigenous nations and I and thrilled that I have been given the opportunity to work with you all. Separate from this email I will be sending out a much more formal email and I hope to meet you in the coming months. I look forward to working together.

I also wanted to take the opportunity to remind you of the virtual open house that is currently happening that is related to our Selwyn Project. Ma hew would have sent you a project notification on or around January 24<sup>th</sup>, 2022.

I know how busy we tend to get, so I thought a gentle reminder would be nice. If you have not already, please have a look – as we value your feedback.

The Virtual Information Session will be available for two weeks starting on **February 3, 2022**, and finishing on **February 22, 2022**, at <https://solutions.ca/SelwynEA>.

A questionnaire will be available as part of the Virtual Information Session, and you will have the ability to submit comments and/or questions about the proposed Project. In addition, a copy of the Virtual Information Session story boards will be available on the Enbridge Gas project website at: <https://www.enbridgegas.com/selwyn>

thank you and if you should have any questions or concerns, please let me know.

Mel

**Melanie Green** C.E.T

Senior Advisor, Community & Indigenous Engagement, Eastern Region  
Conseiller principal, Engagement communautaire et autochtone, Région de l'Est

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**From:** Matthew Chegahno <matthew.chegahno@enbridge.com>

**Sent:** Monday, December 13, 2021 2:31 PM

**To:** Valerie.Janssen@wendake.ca; Marie-Sophie Gendron; Isabelle Lechasseur; Jean-Francois Richard

**Subject:** Project Notification - Selwyn Community Expansion Project

CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon Valerie,

Please find attached the project notification letter for Enbridge Gas' proposed *Selwyn Community Expansion Project*.

**Project Summary:**

To provide access to natural gas distribution services to the community of Selwyn, Enbridge Gas has identified the need to construct approximately 7 km of Nominal Pipe Size ("NPS") 6-inch High Pressure Polyethylene ("HPPE") natural gas pipeline, approximately 2 km of NPS 2-inch HPPE natural gas pipeline and may also make modifications to an existing station (the "Project"). The proposed facilities are located predominantly within the Township of Selwyn and the Project is proposed to be placed into service as early as Q2 2023.

We are seeking the Huron Wendat Nation's initial feedback or shared knowledge by **Friday, January 14, 2022**. As always, please advise if there are capacity requirements that are needed in order to complete this work.

Should you have questions or concerns, or would be interested in setting up a briefing on this project please feel free to contact me directly. We look forward to engaging with you to ensure your community's interests are being considered and represented.

Chi-miigwetch,

Matthew

**Matthew Chegahno**

Advisor, Community & Indigenous Engagement

**Public Affairs, Communications & Sustainability**

ENBRIDGE INC.

CELL: 519-502-3570 | [matthew.chegahno@enbridge.com](mailto:matthew.chegahno@enbridge.com)

603 Kumpf Drive, Waterloo ON, N2J 4A4

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**From:** Ma hew Chegahno <ma\_hew.chegahno@enbridge.com>  
**Sent:** Monday, January 24, 2022 1:55 PM  
**To:** Marie-Sophie Gendron  
**Cc:** Isabelle Lechasseur; Jean-Francois Richard; Dominic Ste-Marie  
**Subject:** RE: Project No. fication - Selwyn Community Expansion Project

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Marie-Sophie,

Chi-miigwetch for the response and for indicating the wishes of the Huron Wendat Nation. I will work to ensure that the Nation is included for any possible archaeological fieldwork moving forward, as well as the opportunity to review and comment on draft reports. As always, capacity dollars will be made available to ensure the meaningful participation of the Nation.

Chi-miigwetch also for indicating the relevant individuals on the Huron Wendat side. I will be sure to update my correspondence accordingly.

Take care,

Ma hew

**Matthew Chegahno** (he/him)  
Advisor, Community & Indigenous Engagement

**Public Affairs, Communications & Sustainability**

ENBRIDGE INC.

CELL: 519-502-3570 | [ma\\_hew.chegahno@enbridge.com](mailto:ma_hew.chegahno@enbridge.com)

603 Kumpf Drive, Waterloo ON, N2J 4A4

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---

**From:** Marie-Sophie Gendron <Marie-Sophie.Gendron@wendake.ca>  
**Sent:** Monday, January 24, 2022 2:42 PM  
**To:** Ma hew Chegahno <ma\_hew.chegahno@enbridge.com>  
**Cc:** Isabelle Lechasseur <Isabelle.Lechasseur@wendake.ca>; Jean-Francois Richard <Jean-Francois.Richard@wendake.ca>; Dominic Ste-Marie <Dominic.Sainte-Marie@wendake.ca>  
**Subject:** [External] RE: Project Notification - Selwyn Community Expansion Project

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This email originated from outside Enbridge and could be a phish. Criminals can pretend to be anyone. Do not interact with the email unless you are 100% certain it is legitimate. Report any suspicious emails.

Good afternoon Ma hew,

Thank you for your email. The Huron-Wendat Nation wishes to be consulted for this project. We are also interested in participating in construction monitoring whenever excavation work takes place, if there is any new archeological fieldwork happening, we also wish to send a monitor, as well as receiving copies of the draft reports for review and comments. Funding must be made available to insure our participation.

Also, I would like to take advantage of this contact to inform you that Valerie is no longer working on the archaeological matter. Please, in the future, send the project notification to me or to my colleague Dominic Ste-Marie (cc'd).

Tiawenhk inenh chia' entio'!

Marie-Sophie





**NATION HURONNE-WENDAT**  
**Bureau du Nionwentsïo**

**Marie-Sophie Gendron, B.A.**

Analyste archéologue

255, Place Chef Michel-Laveau

Wendake (Qc) G0A 4V0

Téléphone : 418-843-3767

Courriel : marie-sophie.gendron@wendake.ca



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**De :** Mañhew Chegahno <[mañhew.chegahno@enbridge.com](mailto:mañhew.chegahno@enbridge.com)>

**Envoyé :** 24 janvier 2022 11:36

**À :** Valerie Janssen <[Valerie.Janssen@wendake.ca](mailto:Valerie.Janssen@wendake.ca)>; Marie-Sophie Gendron <[Marie-Sophie.Gendron@wendake.ca](mailto:Marie-Sophie.Gendron@wendake.ca)>; Isabelle Lechasseur <[Isabelle.Lechasseur@wendake.ca](mailto:Isabelle.Lechasseur@wendake.ca)>; Jean-Francois Richard <[Jean-Francois.Richard@wendake.ca](mailto:Jean-Francois.Richard@wendake.ca)>

**Objet :** FW: Project Notification - Selwyn Community Expansion Project

Good morning Valerie,

I hope this note finds you well this snowy Monday morning. I wanted to send a follow up to the email below regarding Enbridge Gas' proposed *Selwyn Community Expansion Project*.

Please find attached the Notice of Study Commencement and Virtual Open House letter, which includes an invitation for the Huron Wendat Nation's initial feedback or shared knowledge by **Monday, February 28, 2022**. Moreover, I have also attached the previously provided Project Notification Letter for your reference as well.

As always, if you have any questions, please feel free to contact me directly.

Chi-miigwetch,

Mañhew

**Matthew Chegahno** (he/him)

Advisor, Community & Indigenous Engagement

**Public Affairs, Communications & Sustainability**

ENBRIDGE INC.

CELL: 519-502-3570 | [mañhew.chegahno@enbridge.com](mailto:mañhew.chegahno@enbridge.com)

603 Kumpf Drive, Waterloo ON, N2J 4A4

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**Stantec Consulting Ltd.**  
300W-675 Cochrane Drive, Markham ON L3R 0B8



January 24, 2022

Attention: Louis Lesage, Director of the Nionwentsio Office  
Huron Wendat  
255 place Chef Michel Laveau  
Wendake G0A 4V0  
louis.lesage@cnhw.qc.ca

Dear Louis Lesage,

**Reference: Enbridge Gas Inc. – Selwyn Community Expansion Project, Notice of Study Commencement and Virtual Information Session**

I am writing to advise you of an upcoming proposed natural gas pipeline project in the Township of Selwyn, in the Williams Treaties Traditional Territory.

Enbridge Gas Inc. (Enbridge Gas) is proposing to construct the Selwyn Community Expansion Project to supply the community in the Township of Selwyn with affordable natural gas (the “Project”). The Project will involve the construction of up to approximately 8.4 kilometers (km) of 2- and 6-inch Nominal Pipe Size (NPS) natural gas pipeline to be located primarily in the road allowance of 8<sup>th</sup> Line.

The proposed route will tie into the existing Enbridge Gas system at the intersection of 8<sup>th</sup> Line and Selwyn Road and will travel east to the terminal tie-in point at 8<sup>th</sup> Line and Buckhorn Road. The proposed route has been developed for purposes of an assessment of potential environmental and socioeconomic impacts and does not represent the final project scope / design that will provide access to natural gas to end-use customers.

To accommodate the increased supply of natural gas, the Project may also involve the rebuild of an Existing Enbridge Station at Ward Street and Bridge Street, in Bridgenorth, Ontario. For further details, please refer to the attached Figure.

As part of the planning process, Enbridge Gas has retained Stantec Consulting Ltd. (Stantec) to undertake an Environmental Study for the Project. The Environmental Study will fulfill the requirements of the Ontario Energy Board’s (OEB) “*Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)*”.

An Environmental Report, summarizing the results of the Environmental Study, will accompany Enbridge Gas’ application to the OEB requesting a leave to construct (LTC) for the Project. It is anticipated that the Environmental Report will be completed in Spring 2022, after which Enbridge Gas will file the LTC application. Should the OEB find the Project to be in the public’s interest, construction is anticipated to commence in Q4 2022.

Stantec is presently compiling an environmental, socio-economic, and archaeological/cultural heritage inventory of the Study Area defined in the attached Figure. As an Indigenous community with a potential interest in the Study Area, we are inviting Huron Wendat to provide comments and feedback regarding the proposed Project. Specifically, we are seeking information about areas that may be culturally significant to your community in the established Study Area and information about potential impacts that the Project may have on asserted or established Aboriginal and treaty rights, and any measures for mitigating those adverse impacts.

January 24, 2022  
Louis Lesage  
Page 2 of 2

Reference: Enbridge Gas Inc. – Selwyn Community Expansion Project, Notice of Study Commencement and Virtual Information Session

As part of the Environmental Study, Enbridge Gas is also in the process of contacting the following agencies:

- Indigenous and Northern Affairs Canada; and
- Ministry of Indigenous Affairs.

As a result of the health risks associated with in-person gatherings and physical distancing requirements set out by the Province of Ontario due to COVID-19, a Virtual Information Session will be held in place of an in-person Information Session.

The Virtual Information Session will be available for two weeks starting on **February 3, 2022**, and finishing on **February 22, 2022**, at <https://solutions.ca/SelwynEA>.

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Enbridge Gas is committed to meaningful engagement with Indigenous communities. As such, we would be interested in holding a conference call with the Huron Wendat to share Project related information, should you wish. If you have any questions, would like to provide feedback, share knowledge, or would be interested in setting up a briefing on this Project please feel free to contact me directly. We look forward to engaging with the Huron Wendat to ensure your interests are being considered and represented.

We kindly request that initial input and comments regarding the Project are provided by your community by **February 28, 2022**. Please let us know if you are unable to respond by this date but are interested in participating in the consultation process for the Project.

If you have questions or concerns regarding the Project, please do not hesitate to contact me directly.

Regards,

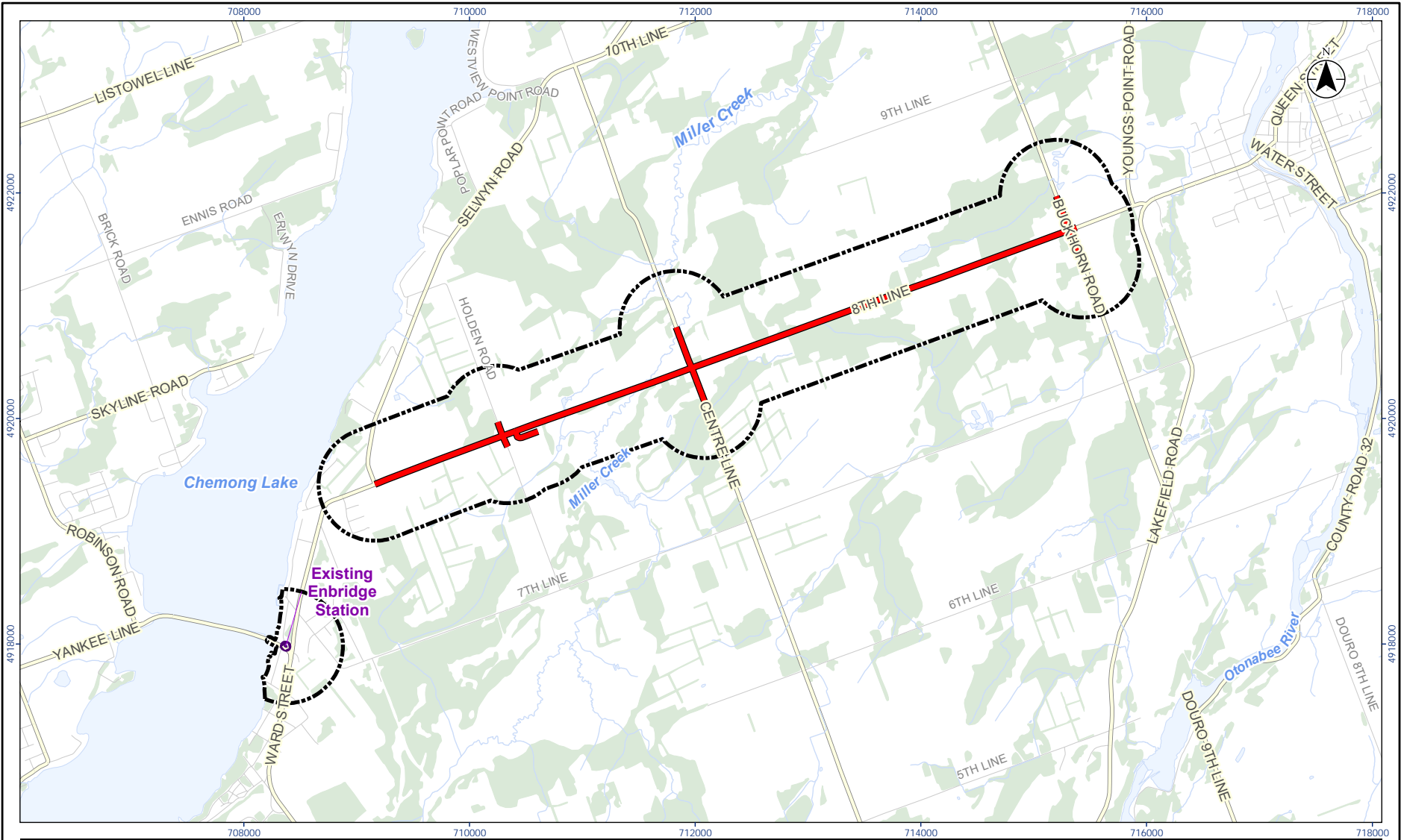
**ENBRIDGE GAS INC.**



**Matthew Chegahno**  
Advisor, Community & Indigenous Engagement  
Enbridge Gas Inc.  
Phone: 519-502-3570  
[matthew.chegahno@enbridge.com](mailto:matthew.chegahno@enbridge.com)

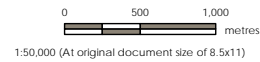
Attachment: Figure 1 – Study Area

c. George Tatolis, Advisor Environmental, Enbridge Gas Inc.  
Kayla Ginter, Stantec Consulting Ltd.



**Legend**

- Existing Enbridge Station
- Wooded Area
- Waterbody
- Proposed Route
- Watercourse
- Study Area
- Major Road
- Minor Road



- Notes**
1. Coordinate System: NAD 1983 UTM Zone 17N
  2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2021.

Project Location: 160951299 REVA  
Township of Selwyn Prepared by SPE on 2021-12-23

Client/Project: ENBRIDGE GAS INC. PROPOSED NATURAL GAS PIPELINE TO SERVE THE COMMUNITY OF SELWYN

Figure No.: 1

Title: Study Area



**From:** Melanie Green <Melanie.Green@enbridge.com>  
**Sent:** Monday, February 7, 2022 7:28 AM  
**To:** Dominic Ste-Marie; Lori-Jeanne Bolduc; Marie-Sophie Gendron; Mario Gros Louis  
**Cc:** Lauryn Graham; Ma hew Chegahno  
**Subject:** Selwyn Community Expansion Project - Follow up

CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning,

I hope you all has a fantas. c weekend – I wanted to take this time to introduce myself. Moving forward, I will be replacing Ma hew Chegahno as your advisor for all things Enbridge related. I currently hold a similar portfolio with other Indigenous nations and I and thrilled that I have been given the opportunity to work with you all. Separate from this email I will be sending out a much more formal email and I hope to meet you in the coming months. I look forward to working together.

I also wanted to take the opportunity to remind you of the virtual open house that is currently happening that is related to our Selwyn Project. Ma hew would have sent you a project notification on or around January 24<sup>th</sup>, 2022.

I know how busy we tend to get, so I thought a gentle reminder would be nice. If you have not already, please have a look – as we value your feedback.

The Virtual Information Session will be available for two weeks starting on **February 3, 2022**, and finishing on **February 22, 2022**, at <https://solutions.ca/SelwynEA>.

A questionnaire will be available as part of the Virtual Information Session, and you will have the ability to submit comments and/or questions about the proposed Project. In addition, a copy of the Virtual Information Session story boards will be available on the Enbridge Gas project website at: <https://www.enbridgegas.com/selwyn>

thank you and if you should have any questions or concerns, please let me know.

Mel

**Melanie Green** C.E.T

Senior Advisor, Community & Indigenous Engagement, Eastern Region  
Conseiller principal, Engagement communautaire et autochtone, Région de l'Est

Public Affairs, Communications & Sustainability  
Affaires publiques, communications et développement durable

**ENBRIDGE INC.**

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**Sécurité. Intégrité. Respect. Inclusion.**

**From:** Matthew Chegahno <matthew.chegahno@enbridge.com>  
**Sent:** Monday, December 13, 2021 2:33 PM  
**To:** kawarthanishnawbecouncil@outlook.com  
**Subject:** Project Notification - Selwyn Community Expansion Project

CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon Chief Nahrhang,

Please find attached the project notification letter for Enbridge Gas' proposed *Selwyn Community Expansion Project*.

**Project Summary:**

To provide access to natural gas distribution services to the community of Selwyn, Enbridge Gas has identified the need to construct approximately 7 km of Nominal Pipe Size ("NPS") 6-inch High Pressure Polyethylene ("HPPE") natural gas pipeline, approximately 2 km of NPS 2-inch HPPE natural gas pipeline and may also make modifications to an existing station (the "Project"). The proposed facilities are located predominantly within the Township of Selwyn and the Project is proposed to be placed into service as early as Q2 2023.

We are seeking Kawartha Nishnawbe's initial feedback or shared knowledge by **Friday, January 14, 2022**. As always, please advise if there are capacity requirements that are needed in order to complete this work.

Should you have questions or concerns, or would be interested in setting up a briefing on this project please feel free to contact me directly. We look forward to engaging with you to ensure your community's interests are being considered and represented.

Chi-miigwetch,

Matthew

**Matthew Chegahno**

Advisor, Community & Indigenous Engagement

**Public Affairs, Communications & Sustainability**

ENBRIDGE INC.

CELL: 519-502-3570 | [matthew.chegahno@enbridge.com](mailto:matthew.chegahno@enbridge.com)

603 Kumpf Drive, Waterloo ON, N2J 4A4

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---

**From:** Ma hew Chegahno <ma\_hew.chegahno@enbridge.com>  
**Sent:** Monday, January 24, 2022 9:33 AM  
**To:** kawarthanishnawbecouncil@outlook.com  
**Subject:** FW: Project No fication - Selwyn Community Expansion Project

CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.  
Good morning Chief Nahrhang,

I hope this note finds you well this snowy Monday morning. I wanted to send a follow up to the email below regarding Enbridge Gas' proposed *Selwyn Community Expansion Project*.

Please find attached the Notice of Study Commencement and Virtual Open House letter, which includes an invitation for Kawartha Nishnawbe's initial feedback or shared knowledge by **Monday, February 28, 2022**. Moreover, I have also attached the previously provided Project No fication Letter for your reference as well.

As always, if you have any questions, please feel free to contact me directly.

Chi-miigwetch,

Ma hew

**Matthew Chegahno** (he/him)  
Advisor, Community & Indigenous Engagement

Public Affairs, Communications & Sustainability

ENBRIDGE INC.  
CELL: 519-502-3570 | [ma\\_hew.chegahno@enbridge.com](mailto:ma_hew.chegahno@enbridge.com)  
603 Kumpf Drive, Waterloo ON, N2J 4A4

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**Stantec Consulting Ltd.**  
300W-675 Cochrane Drive, Markham ON L3R 0B8



January 24, 2022

Attention: Kris Nahrhang, Chief  
Kawartha Nishnawbe  
257 Big Cedar Lake Road  
Big Cedar K0L 2H0  
info@spiritofthestone.ca

Dear Chief Kris Nahrhang,

**Reference: Enbridge Gas Inc. – Selwyn Community Expansion Project, Notice of Study Commencement and Virtual Information Session**

I am writing to advise you of an upcoming proposed natural gas pipeline project in the Township of Selwyn, in the Williams Treaties Traditional Territory.

Enbridge Gas Inc. (Enbridge Gas) is proposing to construct the Selwyn Community Expansion Project to supply the community in the Township of Selwyn with affordable natural gas (the “Project”). The Project will involve the construction of up to approximately 8.4 kilometers (km) of 2- and 6-inch Nominal Pipe Size (NPS) natural gas pipeline to be located primarily in the road allowance of 8<sup>th</sup> Line.

The proposed route will tie into the existing Enbridge Gas system at the intersection of 8<sup>th</sup> Line and Selwyn Road and will travel east to the terminal tie-in point at 8<sup>th</sup> Line and Buckhorn Road. The proposed route has been developed for purposes of an assessment of potential environmental and socioeconomic impacts and does not represent the final project scope / design that will provide access to natural gas to end-use customers.

To accommodate the increased supply of natural gas, the Project may also involve the rebuild of an Existing Enbridge Station at Ward Street and Bridge Street, in Bridgenorth, Ontario. For further details, please refer to the attached Figure.

As part of the planning process, Enbridge Gas has retained Stantec Consulting Ltd. (Stantec) to undertake an Environmental Study for the Project. The Environmental Study will fulfill the requirements of the Ontario Energy Board’s (OEB) *“Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)”*.

An Environmental Report, summarizing the results of the Environmental Study, will accompany Enbridge Gas’ application to the OEB requesting a leave to construct (LTC) for the Project. It is anticipated that the Environmental Report will be completed in Spring 2022, after which Enbridge Gas will file the LTC application. Should the OEB find the Project to be in the public’s interest, construction is anticipated to commence in Q4 2022.

Stantec is presently compiling an environmental, socio-economic, and archaeological/cultural heritage inventory of the Study Area defined in the attached Figure. As an Indigenous community with a potential interest in the Study Area, we are inviting Kawartha Nishnawbe to provide comments and feedback regarding the proposed Project. Specifically, we are seeking information about areas that may be culturally significant to your community in the established Study Area and information about potential impacts that the Project may have on asserted or established Aboriginal and treaty rights, and any measures for mitigating those adverse impacts.



January 24, 2022  
Kris Nahrhang  
Page 2 of 2

Reference: Enbridge Gas Inc. – Selwyn Community Expansion Project, Notice of Study Commencement and Virtual Information Session

As part of the Environmental Study, Enbridge Gas is also in the process of contacting the following agencies:

- Indigenous and Northern Affairs Canada; and
- Ministry of Indigenous Affairs.

As a result of the health risks associated with in-person gatherings and physical distancing requirements set out by the Province of Ontario due to COVID-19, a Virtual Information Session will be held in place of an in-person Information Session.

The Virtual Information Session will be available for two weeks starting on **February 3, 2022**, and finishing on **February 22, 2022**, at <https://solutions.ca/SelwynEA>.

A questionnaire will be available as part of the Virtual Information Session, and you will have the ability to submit comments and/or questions about the proposed Project. In addition, a copy of the Virtual Information Session story boards will be available on the Enbridge Gas project website at: <https://www.enbridgegas.com/selwyn>

Enbridge Gas is committed to meaningful engagement with Indigenous communities. As such, we would be interested in holding a conference call with the Kawartha Nishnawbe to share Project related information, should you wish. If you have any questions, would like to provide feedback, share knowledge, or would be interested in setting up a briefing on this Project please feel free to contact me directly. We look forward to engaging with the Kawartha Nishnawbe to ensure your interests are being considered and represented.

We kindly request that initial input and comments regarding the Project are provided by your community by **February 28, 2022**. Please let us know if you are unable to respond by this date but are interested in participating in the consultation process for the Project.

If you have questions or concerns regarding the Project, please do not hesitate to contact me directly.

Regards,

**ENBRIDGE GAS INC.**

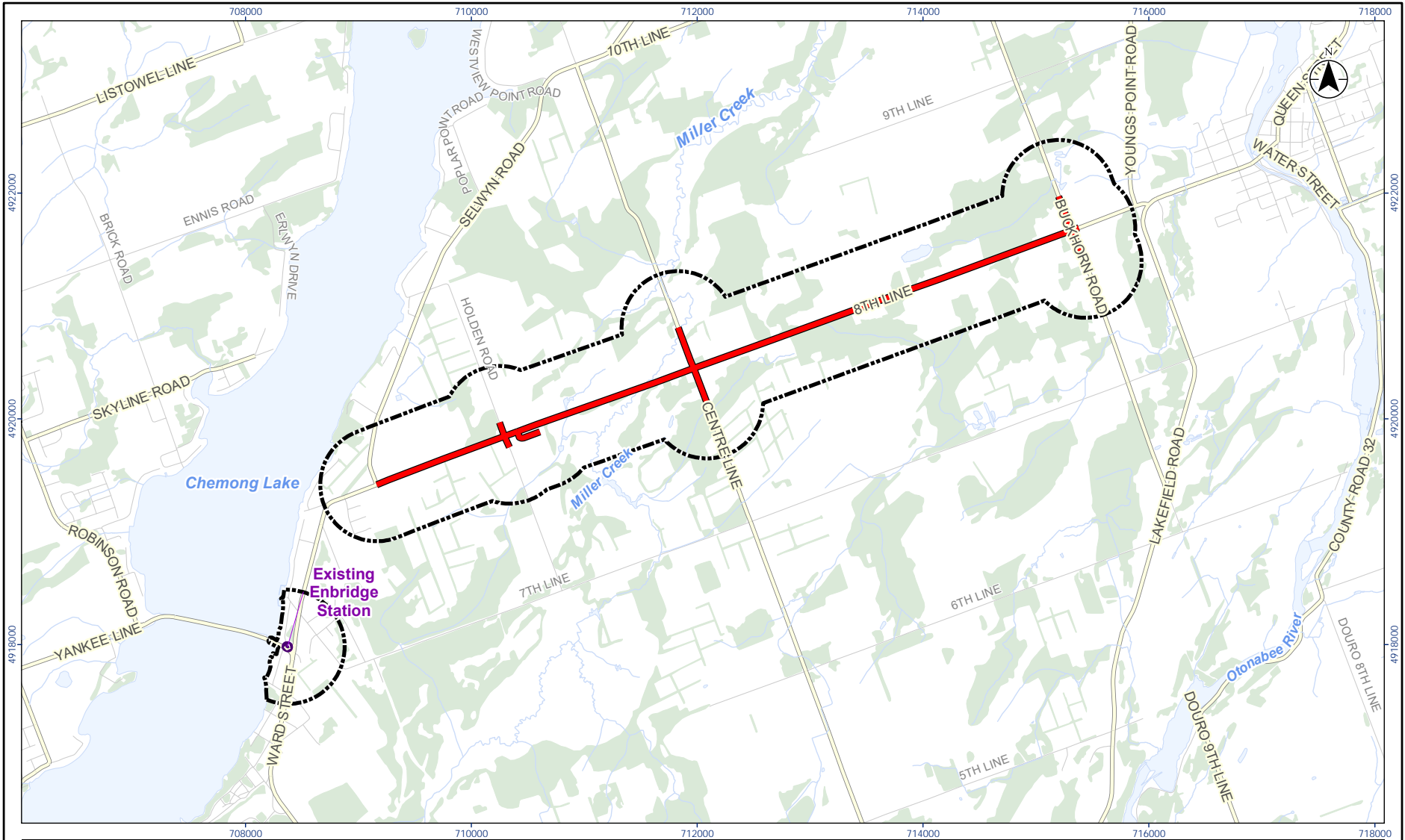


**Matthew Chegahno**  
Advisor, Community & Indigenous Engagement  
Enbridge Gas Inc.  
Phone: 519-502-3570  
[matthew.chegahno@enbridge.com](mailto:matthew.chegahno@enbridge.com)

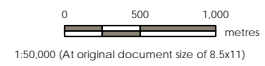
Attachment: Figure 1 – Study Area

c. George Tatolis, Advisor Environmental, Enbridge Gas Inc.  
Kayla Ginter, Stantec Consulting Ltd.





- Legend**
- Existing Enbridge Station
  - Wooded Area
  - Waterbody
  - Proposed Route
  - Watercourse
  - Study Area
  - Major Road
  - Minor Road



Project Location: Township of Selwyn  
 160951299 REVA  
 Prepared by SPE on 2021-12-23

- Notes**
1. Coordinate System: NAD 1983 UTM Zone 17N
  2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2021.

Client/Project:  
**ENBRIDGE GAS INC. PROPOSED NATURAL GAS PIPELINE TO SERVE THE COMMUNITY OF SELWYN**

Figure No.  
**1**  
 Title  
**Study Area**



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 Revised: 2021-12-23 By: seanes

**From:** Melanie Green <Melanie.Green@enbridge.com>

**Sent:** Monday, February 7, 2022 7:46 AM

**To:** kawarthanishnawbecouncil@outlook.com

**Cc:** Ma hew Chegahno; Lauryn Graham

**Subject:** Selwyn Community Expansion Project - Follow up

Provided by Communica

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Good morning,

I hope you all has a fantas. c weekend – I wanted to take this time to introduce myself. Moving forward, I will be replacing Ma hew Chegahno as your advisor for all things Enbridge related. I currently hold a similar portfolio with other Indigenous nations and I and thrilled that I have been given the opportunity to work with you all. Separate from this email I will be sending out a much more formal email and I hope to meet you in the coming months. I look forward to working together.

I also wanted to take the opportunity to remind you of the virtual open house that is currently happening that is related to our Selwyn Project. Ma hew would have sent you a project notification on or around January 24<sup>th</sup>, 2022.

I know how busy we tend to get, so I thought a gentle reminder would be nice. If you have not already, please have a look – as we value your feedback.

The Virtual Information Session will be available for two weeks starting on **February 3, 2022**, and finishing on **February 22, 2022**, at <https://solutions.ca/SelwynEA>.

A questionnaire will be available as part of the Virtual Information Session, and you will have the ability to submit comments and/or questions about the proposed Project. In addition, a copy of the Virtual Information Session story boards will be available on the Enbridge Gas project website at: <https://www.enbridgegas.com/selwyn>

thank you and if you should have any questions or concerns, please let me know.

Mel

**Melanie Green** C.E.T

Senior Advisor, Community & Indigenous Engagement, Eastern Region  
Conseiller principal, Engagement communautaire et autochtone, Région de l'Est

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**From:** Matthew Chegahno <matthew.chegahno@enbridge.com>  
**Sent:** Monday, December 13, 2021 2:19 PM  
**To:** Colleen Kennedy; kbent@scugogfirstnation.com; Consultation  
**Subject:** Project Notification - Selwyn Community Expansion Project

CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon Colleen,

Please find attached the project notification letter for Enbridge Gas' proposed *Selwyn Community Expansion Project*.

**Project Summary:**

To provide access to natural gas distribution services to the community of Selwyn, Enbridge Gas has identified the need to construct approximately 7 km of Nominal Pipe Size ("NPS") 6-inch High Pressure Polyethylene ("HPPE") natural gas pipeline, approximately 2 km of NPS 2-inch HPPE natural gas pipeline and may also make modifications to an existing station (the "Project"). The proposed facilities are located predominantly within the Township of Selwyn and the Project is proposed to be placed into service as early as Q2 2023.

We are seeking Scugog Island First Nation's initial feedback or shared knowledge by **Friday, January 14, 2022**. As always, please advise if there are capacity requirements that are needed in order to complete this work.

Should you have questions or concerns, or would be interested in setting up a briefing on this project please feel free to contact me directly. We look forward to engaging with you to ensure your community's interests are being considered and represented.

Chi-miigwetch,

Matthew

**Matthew Chegahno**

Advisor, Community & Indigenous Engagement

**Public Affairs, Communications & Sustainability**

ENBRIDGE INC.

CELL: 519-502-3570 | [matthew.chegahno@enbridge.com](mailto:matthew.chegahno@enbridge.com)

603 Kumpf Drive, Waterloo ON, N2J 4A4

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**From:** Consulta on <consulta on@scugogfirstna on.com>  
**Sent:** Friday, January 14, 2022 10:13 AM  
**To:** Ma hew Chegahno <ma hew.chegahno@enbridge.com>  
**Subject:** [External] Re: Project No fica on - Selwyn Community Expansion Project

**CAUTION: EXTERNAL EMAIL**

This email originated from outside Enbridge and could be a phish. Criminals can pretend to be anyone. Do not interact with the email unless you are 100% certain it is legitimate. Report any suspicious emails.

Good morning Ma hew,

Thank you for sending the project no fica on le er for the Selwyn Community Expansion Project.

MSIFN has no comments at this time, but please continue to keep us informed about the status of the project and/or any changes.

Thanks!

Sam

---

Samantha Shrubsole (she/her)

BSc, EMA

Consulta on Advisor to MSIFN

**From:** Ma hew Chegahno <ma\_hew.chegahno@enbridge.com>  
**Sent:** Monday, January 24, 2022 9:40 AM  
**To:** Consulta on  
**Cc:** Colleen Kennedy  
**Subject:** RE: Project No fica on - Selwyn Community Expansion Project

CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Sam,

I hope this note finds you well this snowy Monday morning. Thank you very much for indicating receipt of the Project No fica on Letter on behalf of MSIFN.

I am just attaching some supplemental information, the Notice of Study Commencement and Virtual Open House letter, which includes an invitation for Mississaugas of Scugog Island First Nation's initial feedback or shared knowledge by **Monday, February 28, 2022**.

As always, if you have any questions, please feel free to contact me directly.

Chi-miigwetch,

Ma hew

**Matthew Chegahno** (he/him)  
Advisor, Community & Indigenous Engagement

**Public Affairs, Communications & Sustainability**

ENBRIDGE INC.  
CELL: 519-502-3570 | [ma\\_hew.chegahno@enbridge.com](mailto:ma_hew.chegahno@enbridge.com)  
603 Kumpf Drive, Waterloo ON, N2J 4A4

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**Stantec Consulting Ltd.**  
300W-675 Cochrane Drive, Markham ON L3R 0B8



January 24, 2022

Attention: Kelly LaRocca, Chief  
Mississaugas of Scugog Island First Nation  
22521 Island Road, RR#5  
Port Perry L9L 1B6  
klarocca@scugogfirstnation.com

Dear Chief Kelly LaRocca,

**Reference: Enbridge Gas Inc. – Selwyn Community Expansion Project, Notice of Study Commencement and Virtual Information Session**

I am writing to advise you of an upcoming proposed natural gas pipeline project in the Township of Selwyn, in the Williams Treaties Traditional Territory.

Enbridge Gas Inc. (Enbridge Gas) is proposing to construct the Selwyn Community Expansion Project to supply the community in the Township of Selwyn with affordable natural gas (the "Project"). The Project will involve the construction of up to approximately 8.4 kilometers (km) of 2- and 6-inch Nominal Pipe Size (NPS) natural gas pipeline to be located primarily in the road allowance of 8<sup>th</sup> Line.

The proposed route will tie into the existing Enbridge Gas system at the intersection of 8<sup>th</sup> Line and Selwyn Road and will travel east to the terminal tie-in point at 8<sup>th</sup> Line and Buckhorn Road. The proposed route has been developed for purposes of an assessment of potential environmental and socioeconomic impacts and does not represent the final project scope / design that will provide access to natural gas to end-use customers.

To accommodate the increased supply of natural gas, the Project may also involve the rebuild of an Existing Enbridge Station at Ward Street and Bridge Street, in Bridgenorth, Ontario. For further details, please refer to the attached Figure.

As part of the planning process, Enbridge Gas has retained Stantec Consulting Ltd. (Stantec) to undertake an Environmental Study for the Project. The Environmental Study will fulfill the requirements of the Ontario Energy Board's (OEB) *Environmental Guidelines for the Location, Construction, and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7th Edition (2016)*.

An Environmental Report, summarizing the results of the Environmental Study, will accompany Enbridge Gas' application to the OEB requesting a leave to construct (LTC) for the Project. It is anticipated that the Environmental Report will be completed in Spring 2022, after which Enbridge Gas will file the LTC application. Should the OEB find the Project to be in the public's interest, construction is anticipated to commence in Q4 2022.

Stantec is presently compiling an environmental, socio-economic, and archaeological/cultural heritage inventory of the Study Area defined in the attached Figure. As an Indigenous community with a potential interest in the Study Area, we are inviting Mississaugas of Scugog Island First Nation to provide comments and feedback regarding the proposed Project. Specifically, we are seeking information about areas that may be culturally significant to your community in the established Study Area and information about potential impacts that the Project may have on asserted or established Aboriginal and treaty rights, and any measures for mitigating those adverse impacts.

January 24, 2022  
Kelly LaRocca  
Page 2 of 2

Reference: Enbridge Gas Inc. – Selwyn Community Expansion Project, Notice of Study Commencement and Virtual Information Session

As part of the Environmental Study, Enbridge Gas is also in the process of contacting the following agencies:

- Indigenous and Northern Affairs Canada; and
- Ministry of Indigenous Affairs.

As a result of the health risks associated with in-person gatherings and physical distancing requirements set out by the Province of Ontario due to COVID-19, a Virtual Information Session will be held in place of an in-person Information Session.

The Virtual Information Session will be available for two weeks starting on **February 3, 2022**, and finishing on **February 22, 2022**, at <https://solutions.ca/SelwynEA>.

A questionnaire will be available as part of the Virtual Information Session, and you will have the ability to submit comments and/or questions about the proposed Project. In addition, a copy of the Virtual Information Session story boards will be available on the Enbridge Gas project website at: <https://www.enbridgegas.com/selwyn>

Enbridge Gas is committed to meaningful engagement with Indigenous communities. As such, we would be interested in holding a conference call with the Mississaugas of Scugog Island First Nation to share Project related information, should you wish. If you have any questions, would like to provide feedback, share knowledge, or would be interested in setting up a briefing on this Project please feel free to contact me directly. We look forward to engaging with the Mississaugas of Scugog Island First Nation to ensure your interests are being considered and represented.

We kindly request that initial input and comments regarding the Project are provided by your community by **February 28, 2022**. Please let us know if you are unable to respond by this date but are interested in participating in the consultation process for the Project.

If you have questions or concerns regarding the Project, please do not hesitate to contact me directly.

Regards,

**ENBRIDGE GAS INC.**



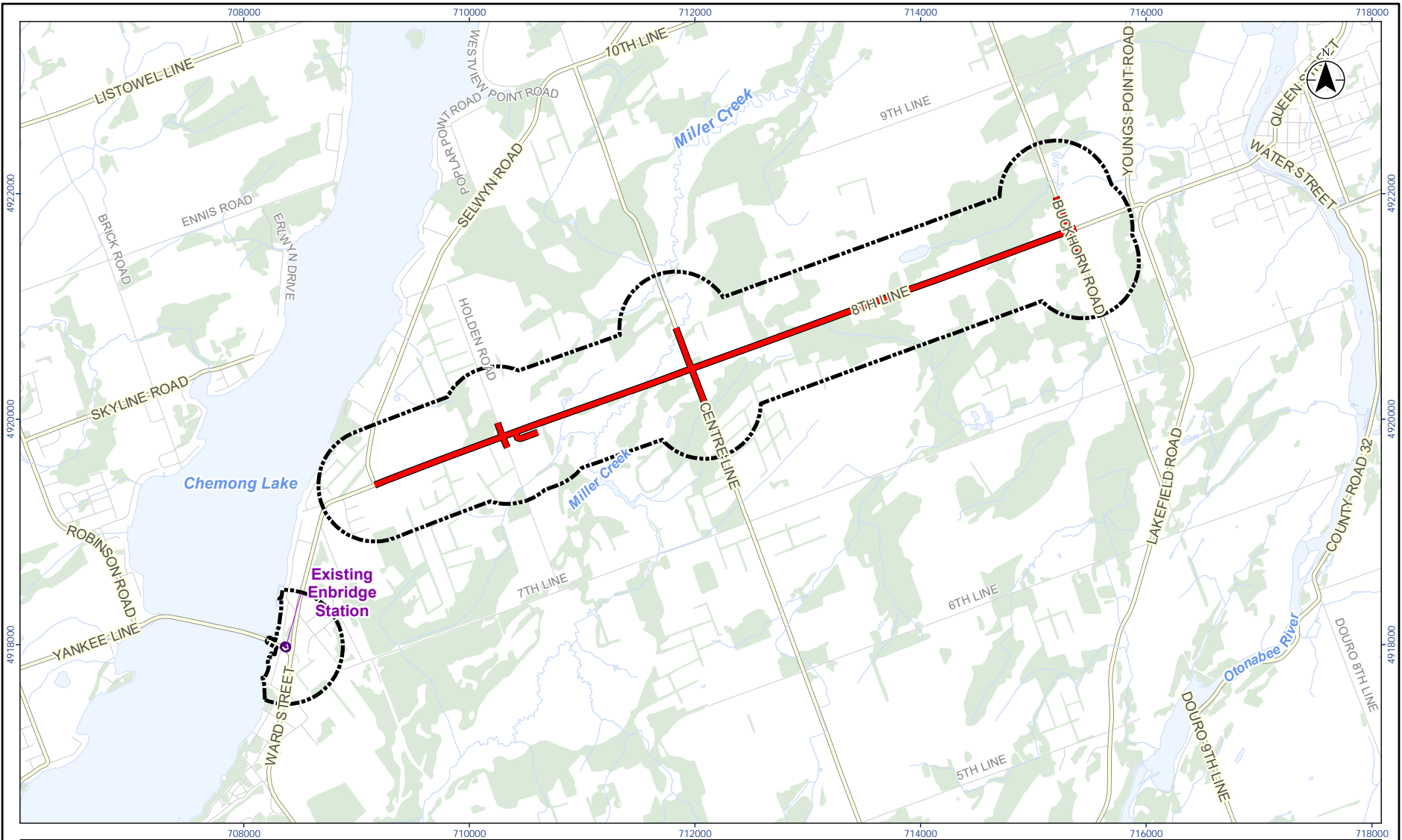
**Matthew Chegahno**  
Advisor, Community & Indigenous Engagement  
Enbridge Gas Inc.  
Phone: 519-502-3570  
[matthew.chegahno@enbridge.com](mailto:matthew.chegahno@enbridge.com)

Attachment: Figure 1 – Study Area

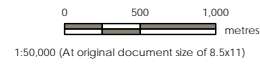
c. George Tatolis, Advisor Environmental, Enbridge Gas Inc.  
Kayla Ginter, Stantec Consulting Ltd.

Design with community in mind





- Legend**
- Existing Enbridge Station
  - Wooded Area
  - Waterbody
  - Proposed Route
  - Watercourse
  - Study Area
  - Major Road
  - Minor Road



- Notes**
1. Coordinate System: NAD 1983 UTM Zone 17N
  2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2021.

Project Location: Township of Selwyn  
 160951299 REVA  
 Prepared by SPE on 2021-12-23

Client/Project: ENBRIDGE GAS INC. PROPOSED NATURAL GAS PIPELINE TO SERVE THE COMMUNITY OF SELWYN

Figure No.: 1

Title: Study Area



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**From:** Melanie Green <Melanie.Green@enbridge.com>

**Sent:** Monday, February 7, 2022 7:19 AM

**To:** Colleen Kennedy; Consulta. on; Don Richardson; Kathleen Bent; Monica Sanford; Waverley Birch

**Cc:** Mañhew Chegahno; Lauryn Graham

**Subject:** Selwyn Community Expansion Project - Follow UP

CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning,

I hope you all has a fantastic weekend – I wanted to take this time to introduce myself. Moving forward, I will be replacing Mañhew Chegahno as your advisor for all things Enbridge related. I currently hold a similar portfolio with other Indigenous nations and I and thrilled that I have been given the opportunity to work with you all. Separate from this email I will be sending out a much more formal email and I hope to meet you in the coming months. I look forward to working together.

I also wanted to take the opportunity to remind you of the virtual open house that is currently happening that is related to our Selwyn Project. Mañhew would have sent you a project notification on or around January 24<sup>th</sup>, 2022.

I know how busy we tend to get, so I thought a gentle reminder would be nice. If you have not already, please have a look – as we value your feedback.

The Virtual Information Session will be available for two weeks starting on **February 3, 2022**, and finishing on **February 22, 2022**, at <https://solutions.ca/SelwynEA>.

A questionnaire will be available as part of the Virtual Information Session, and you will have the ability to submit comments and/or questions about the proposed Project. In addition, a copy of the Virtual Information Session story boards will be available on the Enbridge Gas project website at: <https://www.enbridgegas.com/selwyn>

thank you and if you should have any questions or concerns, please let me know.

Mel

**Melanie Green** C.E.T

Senior Advisor, Community & Indigenous Engagement, Eastern Region  
Conseiller principal, Engagement communautaire et autochtone, Région de l'Est

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**From:** Melanie Green <Melanie.Green@enbridge.com>  
**Sent:** Tuesday, March 1, 2022 5:23 PM  
**To:** Waverley Birch; sam@ibabraiding.com  
**Cc:** Lauryn Graham  
**Subject:** February 2022 Project Update

CAUTION: This email was sent outside of your organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good evening!

My apologies for this late update – I understand from Ma that I should be providing you with a monthly update regarding projects going forward. This will be a work in progress for me and I apologize in advance if I'm not providing you with enough info. Please have a look at what has been put together and any feedback would be appreciated. If you would like to set up a call to discuss, that would be appreciated too.

Thank you in advance,

Mel

**Melanie Green** C.E.T

Senior Advisor, Community & Indigenous Engagement, Eastern Region  
Conseiller principal, Engagement communautaire et autochtone, Région de l'Est

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**From:** [Ginter, Kayla](#)  
**To:** [REDACTED]  
**Subject:** RE: Selwyn VIS - Completed Questionnaire  
**Date:** Monday, February 7, 2022 5:18:00 PM

---

No problem, [REDACTED]. Have a wonderful night.

**Kayla Ginter** M.ES. (Planning), OPPI Candidate  
Environmental Planner

---

**From:** [REDACTED] <[REDACTED]@hotmail.com>  
**Sent:** Monday, February 7, 2022 5:17 PM  
**To:** Ginter, Kayla <Kayla.Ginter@stantec.com>  
**Cc:** CEAPPLICATIONS@enbridge.com; SelwynEA <SelwynEA@stantec.com>; Revak, Chris <Chris.Revak@stantec.com>  
**Subject:** Re: Selwyn VIS - Completed Questionnaire

Kayla,

Thank you for your detailed response and suggestion.

I appreciate your advice and time.

Warm regards,

[REDACTED]

On Feb 7, 2022, at 5:10 PM, Ginter, Kayla <[Kayla.Ginter@stantec.com](mailto:Kayla.Ginter@stantec.com)> wrote:

Good afternoon [REDACTED]

Thank you for viewing the Selwyn Community Expansion Project Virtual Information Session. We received your completed questionnaire and understand that you have some questions on the possibility of extending the proposed natural gas pipeline to the [REDACTED] community. From a quick review of the [REDACTED] website, I understand the community is close to [REDACTED]. As such, it is outside the scope of this Project.

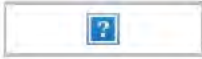
Although [REDACTED], would not be receiving natural gas from this pipeline. If you are interested in connecting to natural gas, please note, Enbridge has internal departments that operate independent of any government-funded community expansion project, who work with local contractors in the area to provide service to new customers through natural gas main extensions. Enbridge typically reviews these customer-driven inquiries after the community expansion project is constructed. By including the Enbridge [CEAPPLICATIONS@enbridge.com](mailto:CEAPPLICATIONS@enbridge.com) team in this chain, your interest will be captured and passed along to the Enbridge internal department for review. To further show your interest in having Buckhorn Sands be included for possible future funding programs, it is also suggested that you reach out to your municipality and local councillor to let them know your

interest.

Warmly,

**Kayla Ginter** M.ES. (Planning), OPPI Candidate  
Environmental Planner

Stantec  
400-1331 Clyde Avenue  
Ottawa ON K2C 3G4



The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately.

# EGI Selwyn Questionnaire

Submitted by: Anonymous user

Submitted time: Feb 6, 2022, 11:51:00 AM

1. What is your interest in this Project?

- **surrounding\_landowner res\_interest\_gas\_conv**

2. What is your view of the proposed Project?

**I would like it to include opportunities for other communities to access natural gas. [REDACTED] is a community of [REDACTED] that would benefit from the opportunity to connect to natural gas. There are new communities being built yearly in this area and it will continue to grow to support the costs of extending the infrastructure.**

7. Did the content provided in the Virtual Information Session meet your needs?

**There was a lot of really good content.**

8. How did you hear about the Virtual Information Session?

- **Project Notification Letter**

## Contact Information

Name:

[REDACTED]

Address:

[REDACTED]

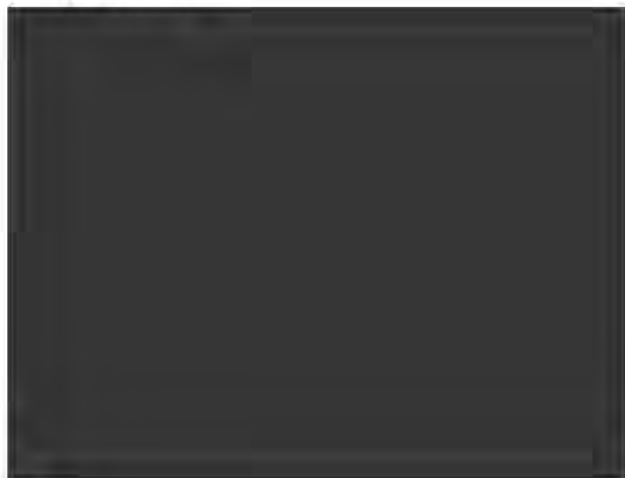
Email:

[REDACTED]@hotmail.com

Phone:

[REDACTED]

Appendix B6  
Mark your location



Completed Questionnaire #1

# EGI Selwyn Questionnaire

Submitted by: Anonymous user

Submitted time: Feb 9, 2022, 9:17:26 AM

1. What is your interest in this Project?

- **surrounding\_landowner res\_interest\_gas\_conv**

2. What is your view of the proposed Project?

**good to have increase in natural gas in the area**

3. Please indicate if the Project will have any potential impacts to you, your property, or your business that you would like addressed.

**not the way it is shown as I live on [REDACTED] which has maybe more potential custo rs than the 8 th line**

4. Please identify any features along the pipeline route you feel are important to consider during the environmental study.

**ability to later connect to the [REDACTED]**

5. Were you provided with an adequate understanding of the Project and the Environmental Assessment OEB review and approval process?

**Yes**

6. Do you require additional information about the Project and/or Environmental Assessment OEB process? Please note below:

**no**

7. Did the content provided in the Virtual Information Session meet your needs?

**yes**

8. How did you hear about the Virtual Information Session?

- **Project Notification Letter**

9. Do you have any questions or comments about this Project, not addressed above, you would like to bring to our attention?

**just as indicated**

## Contact Information

Name:

[REDACTED]

Address:

[REDACTED]

Email: Appendix B6

Completed Questionnaire #2

[REDACTED]@nexicom.net

Phone:

[REDACTED]

Mark your Location

Lat:

[REDACTED]



# EGI Selwyn Questionnaire

Submitted by: Anonymous user

Submitted time: Feb 9, 2022, 10:45:08 AM

1. What is your interest in this Project?

- **surrounding\_landowner res\_interest\_gas\_conv interested\_citizen**

2. What is your view of the proposed Project?

**I would like to see it connect 8th line south down Centre line to an existing pipe at 5th line.**

3. How did you hear about the Virtual Information Session?

- **Project Notification Letter**

## Contact Information

Name:

[Redacted]

Address:

[Redacted]

Email:

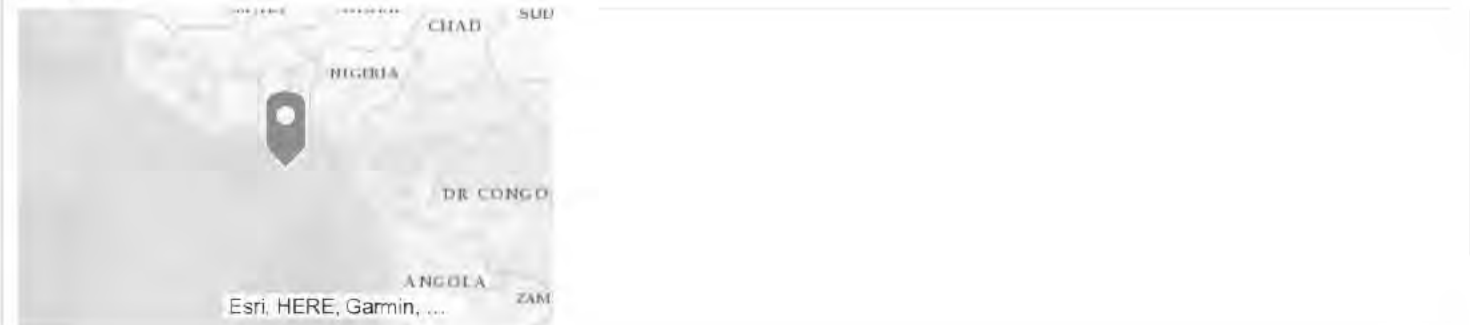
[Redacted]@gmail.com

Phone:

[Redacted]

Mark your Location

Lat: 0 Lon: 0





Thank you for attending the Selwyn Community Expansion Project Virtual Information Session, presented by Stantec on behalf of Enbridge Gas! We hope the session was informative and we would appreciate your comments and feedback. If you require any assistance or clarification while completing this questionnaire, please send an email to SelwynEA@stantec.com or call (226) 980-5347 and leave a detailed message. If you have a question that requires a response, please fill out the **Contact Information** section at the end of this form and a representative will respond as soon as possible.

Please complete this questionnaire by **February 28, 2022**, to be considered as part of the Environmental Report submitted to the Ontario Energy Board (OEB). Your feedback is important and will also be considered during the planning and permitting stages of the Project.

1. **What is your interest in this Project?**

- Directly affected landowner
- Business owner
- Surrounding landowner
- Resident interested in natural gas conversion
- Interested citizen
- Member of interest group
- Government official
- Other: \_\_\_\_\_

2. **What is your view of the proposed Project?**

Since natural gas is one of the most damaging greenhouse gas emissions, expanding the supply of natural gas to more homes, businesses and institutions is absolutely the WRONG thing to do, especially given that a decision to convert to natural gas as an energy source will result in increased emission of this greenhouse gas for decades. The investment by the Province of Ontario in this endeavour would be MUCH better allocated to providing incentives to convert to electric air source heat pump furnaces, increase the energy efficiency of buildings, and expand Ontario's low carbon electricity grid.

3. **Please indicate if the Project will have any potential impacts to you, your property, or your business that you would like addressed** (i.e., access, noise, dust, traffic, etc.).

Not directly. However, it will lead to an increase in the level of greenhouse gas emissions in the atmosphere indefinitely.

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4. **Please identify any features along the pipeline route you feel are important to consider during the environmental study.**

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5. **Were you provided with an adequate understanding of the Project and the Environmental Assessment OEB review and approval process?**

Yes

No

6. **Do you require additional information about the Project and/or Environmental Assessment OEB process? Please note below:**

No

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7. **Did the content provided in the Virtual Information Session meet your needs?**

Yes

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8. **How did you hear about the Virtual Information Session? Check all that apply:**

Newspaper Advertisement

Project Notification Letter

Word of Mouth

Other: \_\_\_\_\_

9. **Do you have any questions or comments about this Project, not addressed above, you would like to bring to our attention?**

See Questions #2 and #3.

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Thank you for completing this questionnaire. If you would like to be informed of Project updates, please provide us with your full contact information. If you have a question about the Project that has not been addressed or for which you would like more information, please email us at: [SelwynEA@stantec.com](mailto:SelwynEA@stantec.com) or call (226) 980-5347 and leave a detailed message.

Contact Information	
Name:	_____
Address:	_____
Email:	_____@rethinkgroup.ca
Phone:	_____

*Information will be collected and used in accordance with the Freedom of Information and Protection of Privacy Act. This information will be used to assist Enbridge Gas Inc. in meeting applicable approval requirements. This material will be maintained on file for use during the study and may be included in Project documentation. Unless indicated otherwise, personal information and all comments will become part of the public record and may be publicly released as part of Project documentation.*

# EGI Selwyn Questionnaire

Submitted by: Anonymous user

Submitted time: Feb 22, 2022, 3:23:36 PM

1. What is your interest in this Project?

- Other (please provide additional details)

Additional Details

**concerned nearby resident**

2. What is your view of the proposed Project?

**My view of the project is that it is not economically nor environmentally viable for the residents and businesses it will affect as well as the rest of the area and world that will be affected by the increase in greenhouse gas emissions. Residents will have to pay a hook up fee as well as a monthly rate, when the time comes, which it will soon to switch to electric, residents will have to pay even more to convert. It simply does not make sense to continue to push through environmentally harmful and damaging projects in 2022, we are in a climate emergency and this project is continuing to fuel the crisis not address it. I am embarrassed and upset to see a project like this going in so near to me. I believe there are many other alternatives for the residents, province and Enbridge including district heating, air source heat pumps and more. The proposed project will not be beneficial in the long term, nor in the short term. I would like to see this project reconsidered.**

3. Please indicate if the Project will have any potential impacts to you, your property, or your business that you would like addressed

**The increase in Green house gas emissions will affect me as a young person growing up in this world, to address it, please consider the need to create this project and more sustainable alternatives.**

4. Please identify any features along the pipeline route you feel are important to consider during the environmental study.

**Please consider the environmental impact of natural gas it's self. Please go beyond the land that will be damaged to put the pipeline in place (which is important), a pipeline and the gas it's transporting is a direct contributor to climate change and this is crucial to the environmental study.**

Contact Information

Name:



Mark your Location

Lat: 0 Lon: 0





# EGI Selwyn Questionnaire

Submitted by: Anonymous user

Submitted time: Feb 22, 2022, 1:37:47 PM

1. What is your interest in this Project?

- **res\_interest\_gas\_conv other**

Additional Details

**Friends**

2. What is your view of the proposed Project?

**I agree with the project**

3. Please indicate if the Project will have any potential impacts to you, your property, or your business that you would like addressed

**every since the project started we have been having troublewith are water.**

5. Were you provided with an adequate understanding of the Project and the Environmental Assessment OEB review and approval process?

**Yes**

6. Do you require additional information about the Project and/or Environmental Assessment OEB process? Please note below:

**I am need an application for the natural gas, I believethat the neighbouron both side of us already have the gas line going upto and into the houses.**

7. Did the content provided in the Virtual Information Session meet your needs?

**yes**

8. How did you hear about the Virtual Information Session?

- **project\_notification\_letter other**

Additional Details

**Friends**

9. Do you have any questions or comments about this Project, not addressed above, you would like to bring to our attention?

Contact Information

Name:

[Redacted]



Address: Appendix B6

[Redacted]

Email:

[Redacted]@bell.net

Phone:

[Redacted]

Mark your Location:

[Redacted]

Completed Questionnaire #6

**From:** [George Tatolis](#)  
**To:** [REDACTED]  
**Cc:** [Amanda Thoms](#); [Travis James](#); [Miranda Pilon](#); [Kendra Black](#); [CEAPPLICATIONS](#); [SelwynEA](#); [Georgopoulos, Rooly](#); [Revak, Chris](#); [Ginter, Kayla](#); [Sarah Kingdon-Benson](#)  
**Subject:** RE: Selwyn natural gas  
**Date:** Thursday, January 20, 2022 1:00:27 PM

---

Hello [REDACTED],

Thank you for your inquiry into the Selwyn Community Expansion Project.

I understand you are interested in connecting to natural gas through this project, and have a question regarding if the project will extend north/south at the intersection of 8<sup>th</sup> Line and Buckhorn Road. At this time, we are in the planning phase and working on a proposed pipeline route. While planning a project of this nature, we consider several factors including minimizing social and environmental impacts and serving the greatest number of customers that is economically feasible.

From February 3-22, 2022, we are hosting a **Virtual Open House** where area residents have the opportunity to learn more about the proposed pipeline route, ask questions, and provide comments. Please visit <https://solutions.ca/SelwynEA> between February 3 and 22 for the Virtual Open House. You can also read more about our proposed project at [www.enbridgegas.com/selwyn](http://www.enbridgegas.com/selwyn).

As early as June, our Customer Attachment team will start to engage with area residents through information packages detailing how to apply for natural gas, how to get in touch with us to discuss the application process, answer your questions, and discuss if converting to natural gas is the right choice for you and your home.

Should you have any other questions or concerns, please let me know.

With thanks,

George Tatolis

**George Tatolis** (he/him), C.E.T, B.E.S (Hons), M.E.S  
Environmental Permitting Advisor  
**Lands, Permitting & Environment**

**ENBRIDGE**  
TEL: 416-495-6785 | CELL: 437-998-2873 | [george.tatolis@enbridge.com](mailto:george.tatolis@enbridge.com)  
500 Consumers Road, North York, ON, M2J 1P8  
[enbridge.com](http://enbridge.com)  
**Safety. Integrity. Respect. Inclusion.**

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**From:** [REDACTED] [REDACTED]@hotmail.com>  
**Sent:** Tuesday, January 18, 2022 5:13 PM  
**To:** George Tatolis <[george.tatolis@enbridge.com](mailto:george.tatolis@enbridge.com)>  
**Subject:** [External] Selwyn natural gas

---

**CAUTION: EXTERNAL EMAIL**

This email originated from outside Enbridge and could be a phish. Criminals can pretend to be anyone. Do not interact with the email unless you are 100% certain it is legitimate. Report any suspicious emails.

Hello I'm not sure if im messaging the right person but I live in selwyn right at the junction of your project and I'm wondering if the houses just north and south of the intersection of the 8th line and buckhorn road will be getting serviced with natural gas as we are all on either propane or oil heat here

**From:** [Ginter, Kayla](#)  
**To:** [REDACTED]  
**Cc:** [REDACTED] <[REDACTED]@rethinkgroup.ca>; [SelwynEA](#); [Revak, Chris](#)  
**Subject:** RE: Selwyn Community Expansion Project  
**Date:** Friday, February 11, 2022 9:25:00 AM

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Good morning [REDACTED],

Thank you for your email. I can confirm that this Project is still in the very early phase of the planning process. Enbridge Gas has retained Stantec to undertake an Environmental Study for the Project. The Environmental Study that is being conducted will:

- Undertake engagement to understand the views of interested and potentially affected parties.
- Consult and engage with Indigenous communities to understand interests and potential impacts.
- Identify potential impacts of the Project.
- Develop environmental mitigation and protective measures to avoid or reduce potential impacts.
- Develop an appropriate environmental inspection, monitoring, and follow-up program.

Although impacts of the Project are still being identified, from a preliminary review of the study area, impacts to socio-economic features are not anticipated to be significant. During construction, the Project will affect residents/business in both positive and adverse ways. Project demands for labour and goods will bring opportunities to the Township of Selwyn. Known adverse, but mostly temporary impacts associated with pipeline construction, include temporary increases in noise, dust, and air emissions, increased construction traffic volumes, and temporary impairment of the use and enjoyment of residential/business properties. To reduce the adverse impacts on socio-economic features, and environmental features, Enbridge Gas will be applying proven and recommended mitigation measures.

The Virtual Information Session is available for two weeks, finishing on February 22, 2022, at <https://solutions.ca/SelwynEA/> questionnaire will be available as part of the Virtual Information Session, and you will have the ability to submit comments and/or questions about the proposed Project. In addition, a copy of the Virtual Information Session story boards will be available on the Enbridge Gas project website at: <https://www.enbridgegas.com/selwyn>.

There are plenty of opportunities to participate in the planning and review and approval process. To share your concerns and comments about the Project, you are welcome to complete a questionnaire or send me an email directly. These concerns and comments will be documented in the Environmental Report which will accompany Enbridge Gas' application to the Ontario Energy Board (OEB) as part of the application requesting a Leave to Construct (LTC) for the Project. It is anticipated that the Environmental Report for the study will be completed in March 2022, after which Enbridge Gas will file the LTC application. The OEB will hold a public hearing to review the Project once the LTC is submitted. If the OEB determines that the Project is in the public interest, it will approve construction of the Project. At that time, members of the public will have the opportunity to participate in the hearing, if deemed pertinent.

Hope that helps to answer some of your questions and concerns.

Have a nice day,

Kayla Ginter M.ES. (Planning), OPPI Candidate  
Environmental Planner

-----Original Message-----

**From:** [REDACTED] <[REDACTED]@icloud.com>  
**Sent:** Monday, January 24, 2022 5:12 PM  
**To:** SelwynEA <SelwynEA@stantec.com>  
**Cc:** [REDACTED] <[REDACTED]@hanchet.ca>; [REDACTED] <[REDACTED]@rethinkgroup.ca>; [REDACTED] <[REDACTED]@rethinkgroup.ca>  
**Subject:** Selwyn Community Expansion Project

Hi Kayla,

My name is [REDACTED] and I'm a resident of Selwyn township near where the proposed expansion project would go.

I've recently seen the information online and in the paper regarding this project and was wondering if you could tell us where this project is at? Has it already been approved or is it in the consultation phase?

[REDACTED] (copied here) and I are quite concerned about the environmental impact that this project would have as well as the economic impact it would have on residents. We know there are others in the community that feel similarly.

If you could let us know where in the process this project is at and where/how would be the best way to share our concerns and comments (if not with you), that would be greatly appreciated. And if you could share any other information regarding the environmental assessment that would be great.

Kind regards,

[REDACTED]

**From:** [Ginter, Kayla](#)  
**To:** [REDACTED]  
**Subject:** RE: Enbridge Selwyn community expansion project  
**Date:** Thursday, January 27, 2022 8:53:00 AM

---

That is too funny!

Perfect, happy to have helped.

Have a nice day [REDACTED], it was a pleasure speaking with you,

**Kayla Ginter** M.ES. (Planning), OPPI Candidate  
Environmental Planner

---

**From:** [REDACTED]@gmail.com>  
**Sent:** Wednesday, January 26, 2022 6:13 PM  
**To:** Ginter, Kayla <Kayla.Ginter@stantec.com>  
**Subject:** Re: Enbridge Selwyn community expansion project

[REDACTED]  
[REDACTED] Thanks for the information Kayla and i will follow up with your contacts...all the best!

[REDACTED]

On Wed., Jan. 26, 2022, 5:50 p.m. Ginter, Kayla, <[Kayla.Ginter@stantec.com](mailto:Kayla.Ginter@stantec.com)> wrote:

Hi [REDACTED],

Thank you for those details. It appears that the properties mentioned in your last email are located within the scope of the Study Area. However, [REDACTED], where your home is, does not fall within the Study Area and so it is unlikely you would receive natural gas from this Project at your main home.

If you are interested in connecting your other properties to natural gas, please note, as early as June the Enbridge Customer Attachment team will start to engage with area residents through information packages detailing how to apply for natural gas, how to get in touch with Enbridge to discuss the application process, answer your questions, and discuss if converting to natural gas is the right choice for you and your properties.

Enbridge has internal departments that operate independent of any government-funded community expansion project, who work with local contractors in the area to provide service to new customers through natural gas main extensions. Enbridge typically reviews these customer-driven inquiries after the community expansion project is constructed. By including the Enbridge [CEAPPLICATIONS@enbridge.com](mailto:CEAPPLICATIONS@enbridge.com) team in this chain, your interest will be captured and passed along to the Enbridge internal department for review. To further show your interest in having your area included for possible future funding programs, it is also suggested that you reach out to your municipality and local councillor to let them know your interest.

[REDACTED]

Should you have any other questions or concerns, please let me know.

Warmly,

**Kayla Ginter** [M.ES.](#) (Planning), OPPI Candidate  
Environmental Planner

---

**From:** [REDACTED] <[REDACTED]@gmail.com>  
**Sent:** Friday, January 21, 2022 10:05 AM  
**To:** Ginter, Kayla <[Kayla.Ginter@stantec.com](mailto:Kayla.Ginter@stantec.com)>  
**Subject:** Re: Enbridge Selwyn community expansion project

[REDACTED] just north and at the corner of [REDACTED] ?

[REDACTED]

On Fri., Jan. 21, 2022, 9:41 a.m. Ginter, Kayla, <[Kayla.Ginter@stantec.com](mailto:Kayla.Ginter@stantec.com)> wrote:

Hi [REDACTED],

It was lovely speaking with you yesterday. Thank you for your inquiry into the Selwyn Community Expansion Project.

I understand you are interested in connecting to natural gas. [REDACTED] looks to be outside the scope of this project, but I understand you have other properties in Lakefield. To help determine if those other properties are located within the scope of this work, are you able to provide those addresses?

Should you have any other questions or concerns, please let me know.

Warmly,

Kayla

---

**From:** [REDACTED] <[REDACTED]@gmail.com>  
**Sent:** Thursday, January 20, 2022 4:10 PM  
**To:** SelwynEA <[SelwynEA@stantec.com](mailto:SelwynEA@stantec.com)>  
**Subject:** Enbridge Selwyn community expansion project

I fully support this expansion and would along with my many many neighbors like to see this expansion to include Pinehurst av poplar point rd westview point rd, pratts Marina road birch island rd and the homes along chemong and buckhorn Lakes as well as across the bridgenorth Lakefield rd expansion to buckhorn rd ...sent from my cell phone thanks and many of us eagerly await further expansion of natural gas into our area... thanks

[REDACTED]





**From:** [Ginter, Kayla](#)  
**To:** [REDACTED]  
**Cc:** [SelwynEA](#)  
**Subject:** RE: Selwyn Community Expansion Project  
**Date:** Friday, February 4, 2022 10:24:00 AM

---

No problem, [REDACTED]. If you have any other Project related questions, don't hesitate to reach out.

Have a great Friday and weekend.

Warmly,

**Kayla Ginter** M.ES. (Planning), OPPI Candidate  
Environmental Planner

---

**From:** [REDACTED] <[REDACTED]@persona.ca>  
**Sent:** Friday, February 4, 2022 9:48 AM  
**To:** Ginter, Kayla <Kayla.Ginter@stantec.com>  
**Cc:** SelwynEA <SelwynEA@stantec.com>  
**Subject:** Re: Selwyn Community Expansion Project

Hi Kayla,

Thank you for following up on our discussion. I will follow your advice and contact the township and Enbridge to determine the possibility of being considered during the study being undertaken.

Best Regards,

[REDACTED]

On 02/03/22 08:55 PM, "Ginter, Kayla" <[Kayla.Ginter@stantec.com](mailto:Kayla.Ginter@stantec.com)> wrote:

The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately.

Hi [REDACTED]

Nice speaking with you yesterday. As mentioned on our call, it appears that your home may fall outside the scope of the Selwyn Community Expansion Project. Enbridge has internal departments that operate independent of any government-funded community expansion project, who work with local contractors in the area to provide service to new customers through natural gas main extensions. Enbridge typically reviews these customer-driven inquiries after the community expansion project is constructed. If you are interested in natural gas, you are welcome to email the [CEAPPLICATIONS@enbridge.com](mailto:CEAPPLICATIONS@enbridge.com) team and your interest will be captured and passed along to the Enbridge internal department for review. To further show your interest in having your area included for possible future funding programs, it is also suggested that you reach out to your municipality and local councillor to let them know your interest.

Warmly,

**Kayla Ginter** M.ES. (Planning), OPPI Candidate  
Environmental Planner

Stantec  
400-1331 Clyde Avenue

**From:** [Ginter, Kayla](#)  
**To:** [REDACTED]@bell.net"  
**Subject:** Enbridge Gas Inc. - Selwyn Community Expansion Project  
**Date:** Tuesday, February 8, 2022 4:32:00 PM  
**Attachments:** [let\\_160951299\\_Selwyn\\_Landowner\\_NoCVOH\\_20220117\\_fnl.pdf](#)

---

[REDACTED],

So nice speaking with you this afternoon. Thank you for providing your contact details and for your interest in the Selwyn Community Expansion Project. Attached please find the letter that was distributed to landowners mid-January. I believe this is the letter you mentioned your neighbours had received.

From reviewing the map provided in the attached letter, and the location of your home on Google Earth, it appears that your home falls within the Study Area. If you are interested in connecting your property to natural gas, please note, as early as June the Enbridge Customer Attachment team will start to engage with area residents through information packages detailing how to apply for natural gas, how to get in touch with Enbridge to discuss the application process, answer your questions, and discuss if converting to natural gas is the right choice for you and your property.

As a result of the health risks associated with in-person gatherings and physical distancing requirements set out by the Province of Ontario due to COVID-19, a Virtual Information Session will be held in place of an in-person Information Session. The Virtual Information Session will be available for two weeks starting on **February 3, 2022**, and finishing on **February 22, 2022**, at <https://solutions.ca/SelwynEA>. A questionnaire will be available as part of the Virtual Information Session, and you will have the ability to submit comments and/or questions about the proposed Project. In addition, a copy of the Virtual Information Session story boards will be available on the Enbridge Gas project website at: <https://www.enbridgegas.com/selwyn>.

\*P.S. I've changed the email subject name so it is easier to track our record of correspondence.

Warmly,

**Kayla Ginter** M.ES. (Planning), OPPI Candidate  
Environmental Planner

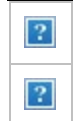
---

**From:** [REDACTED]@bell.net>  
**Sent:** Tuesday, February 8, 2022 4:19 PM  
**To:** Ginter, Kayla <Kayla.Ginter@stantec.com>  
**Subject:** In bridge hook up

Dear Miss Ginter

Here is my address [REDACTED]

[REDACTED]@bell.net



I am looking forward to hearing from Enbridge someone who can help.

If you need anymore information please do not hesitate to contact me.

Thank you

[REDACTED]

Sent from my iPhone

**From:** [Ginter, Kayla](#)  
**To:** [REDACTED]  
**Cc:** [CEAPPLICATIONS@enbridge.com](mailto:CEAPPLICATIONS@enbridge.com)  
**Subject:** RE: Please...  
**Date:** Wednesday, March 9, 2022 10:47:00 AM

---

Hi [REDACTED],

The cost to connect to the pipeline is determined based on the following factors:

Customer connection costs are based on existing customer connection policies, approved by the Ontario Energy Board.

- If the customer is in the area previously served by Enbridge Gas Distribution, Enbridge Gas will provide and install, at no cost, one service line per civic address to new customers provided that:

- >The distance between the owner's property line and the front wall of house/building is 20 metres or less; and
- >The distance between the front wall of house/building and the selected meter location is 2 metres or less.
- >Service and meter installation more than these distances will result in additional charges of \$32 per metre (plus Applicable Taxes).

The costs for individual residents or businesses to convert their existing systems to a natural gas system will vary based on the existing fuel type and equipment used by the customer. The customer is responsible for this cost.

If you have any additional questions on cost, or connecting to the pipeline, please reach out to [ceapplications@enbridge.com](mailto:ceapplications@enbridge.com), copied in this email.

In addition to your email, I've also noticed that you completed a questionnaire for the Project. I believe I answered all your questions noted in your completed questionnaire through email correspondence. However, I do understand that you had a concern about having water quality issues ever since the Project began? To clarify, the Project has not entered the construction phase and is thus, not the cause for water quality issues you are facing. The Project will be entering construction in late Q4 of 2022 / early 2023. During the construction phase, Enbridge is aware that potential impacts to water quality and quantity may occur and will be applying mitigation and protective measures to reduce impacts.

Where blasting is required, well owners within 100 m of the preferred pipeline trench will be provided the option to participate in a Water Well Monitoring Program prior to construction to determine preconstruction quality and quantity conditions. Prior to construction, Enbridge, or the constructor operating on their behalf, will be reaching out to landowners who may be impacted by blasting or have a well within 10 m of the pipeline trench to participate in the Water Well Monitoring program. This monitoring program will include pre-construction, construction, and post-construction water quality monitoring to assess the effects of the Project on private water wells.

Warmly,

Kayla Ginter M.ES. (Planning), OPPI Candidate  
Environmental Planner

-----Original Message-----

From: [REDACTED]@bell.net>  
Sent: Friday, March 4, 2022 10:04 PM  
To: Ginter, Kayla <[Kayla.Ginter@stantec.com](mailto:Kayla.Ginter@stantec.com)>  
Subject: Re: Please...

Thank you very much for getting back to me I really appreciate it, I am looking forward to June to seeing filling out the paperwork, if I need help may I ask for your help, another thing how much will it cost from the road to the

house ? [REDACTED]  
[REDACTED]

Thank you again  
[REDACTED]

Sent from my iPad

> On Mar 4, 2022, at 1:51 PM, Ginter, Kayla <Kayla.Ginter@stantec.com> wrote:

>

> Hi [REDACTED],

>

> As noted in my earlier email, as early as June the Enbridge Customer Attachment team will start to engage with area residents through information packages detailing how to apply for natural gas, how to get in touch with Enbridge to discuss the application process, answer your questions, and discuss if converting to natural gas is the right choice for you and your property.

>

> You do not need to fill out an application now as that opportunity will come in June. The Enbridge Customer Attachment team will be reaching out to landowners who wish to be connected to natural gas and are in the vicinity of the Project. If you require assistance filling out the application to connect with natural gas, the Enbridge Customer Attachment team will be there to help.

>

>

> Hope that clarifies things.

>

>

> Kayla Ginter M.ES. (Planning), OPPI Candidate Environmental Planner

>

>

> -----Original Message-----

> From: [REDACTED] [REDACTED]@bell.net>

> Sent: Tuesday, February 22, 2022 1:24 PM

> To: Ginter, Kayla <Kayla.Ginter@stantec.com>

> Subject: Re: Please...

>

> Yes thank you , I listened to study , now do we need to fill out an application or can we have someone come and help us fill out the application?

> I really do appreciate your help.

> I believe that the neighbor on both side of us already have the gas line going up to the house . We are the only house that does not have natural gas .

> Please let me know if their is anything I can do to help you .

>

> Thank you

>

> [REDACTED]@bell net

> Sent from my iPad

>

>> On Feb 22, 2022, at 12:56 PM, Ginter, Kayla <Kayla.Ginter@stantec.com> wrote:

>>

>> Hi [REDACTED], did you every receive the attached email we provided February 8th? We provided details on how to apply for natural gas - I believe all the details you need are in that email (attached).

>>

>> Warmly,

>>

>>

>> Kayla Ginter M.ES. (Planning), OPPI Candidate Environmental Planner

>>

>>

>> -----Original Message-----

>> From: [REDACTED] <[REDACTED]@bell net>

>> Sent: Tuesday, February 22, 2022 12:48 PM

>> To: SelwynEA <SelwynEA@stantec.com>

>> Subject: Please...

>>

>> Please , can we have someone come out to our home to talk about the application to get natural gas . [REDACTED]

>> Yes we are interested in Nuteral Gas , I think my neighboroughs on

>> both sides of us has have the gas line going into their home ,

**From:** [Ginter, Kayla](#)  
**To:** [REDACTED]@nexicom.net  
**Cc:** [CEAPPLICATIONS@enbridge.com](mailto:CEAPPLICATIONS@enbridge.com); [SelwynEA](#)  
**Subject:** Selwyn Community Expansion Project  
**Date:** Friday, March 4, 2022 2:10:00 PM

---

Hi [REDACTED],

It was nice speaking with you on Tuesday. Thank you for reaching out and for your interest in the Selwyn Community Expansion Project.

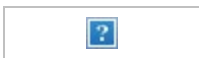
After reviewing the location of the proposed pipeline route and your property at [REDACTED], it appears your home is outside the scope of this Project. It is thus, unlikely you would receive natural gas from this Project.

Enbridge has internal departments that operate independent of any government-funded community expansion project, who work with local contractors in the area to provide service to new customers through natural gas main extensions. Enbridge typically reviews these customer-driven inquiries after the community expansion project is constructed. By including the Enbridge [CEAPPLICATIONS@enbridge.com](mailto:CEAPPLICATIONS@enbridge.com) team in this chain, your interest will be captured and passed along to the Enbridge internal department for review. To further show your interest in having your area included for possible future funding programs, it is also suggested that you reach out to your municipality and local councillor to let them know your interest.

Warmly,

**Kayla Ginter** M.ES. (Planning), OPPI Candidate  
Environmental Planner

Stantec  
400-1331 Clyde Avenue  
Ottawa ON K2C 3G4



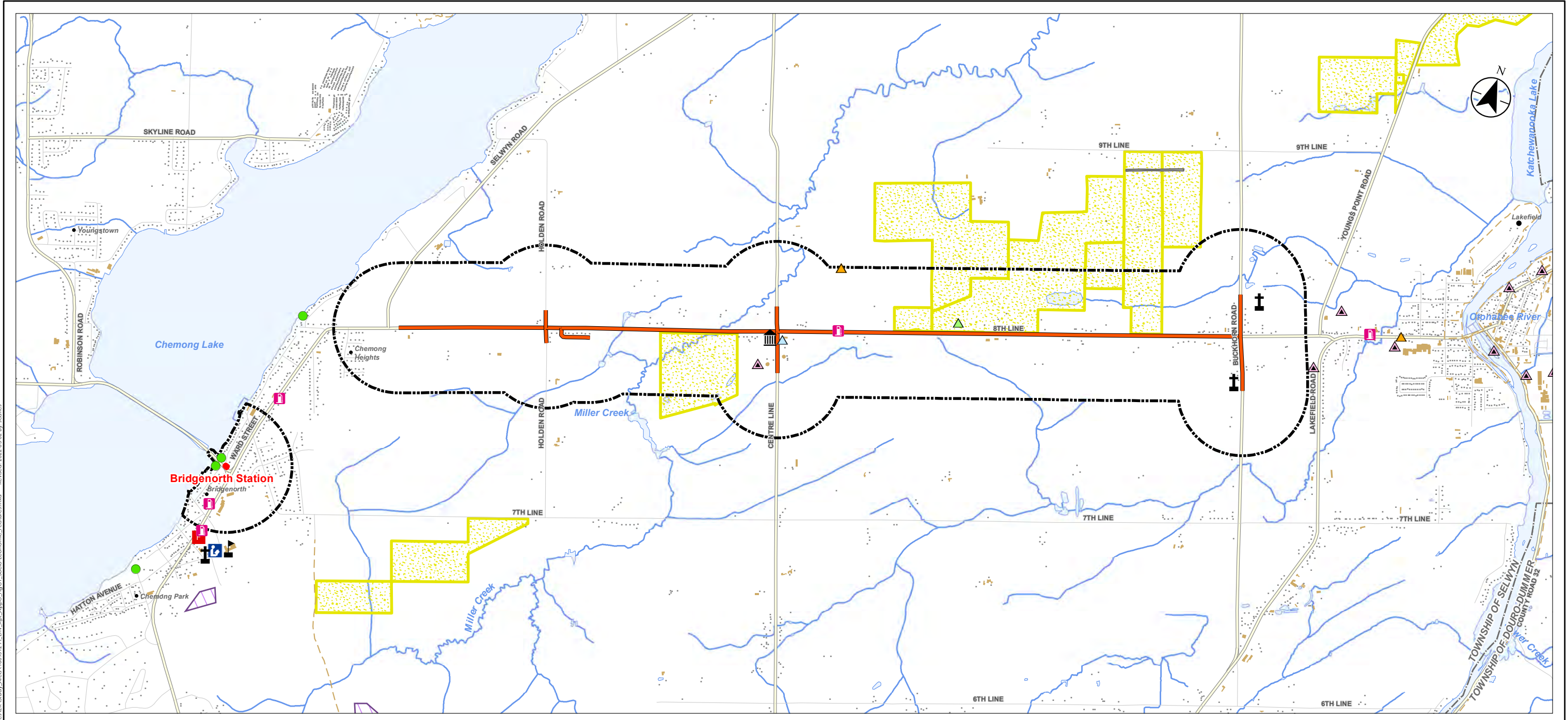
The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately.

# **APPENDIX C:**

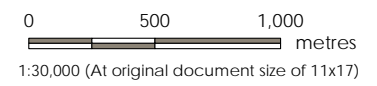
## **Existing Conditions Figures**







Legend	
	Preferred Route
	Bridgenorth Station
	Study Area
Base / Environmental Features	
	Building (residences, commercial businesses, barns, sheds, etc.)
	Landfill - Active
	Landfill - Closed
	Harardous Waste
	Major Road
	Minor Road
	Trail
	Watercourse
	Aggregate Site - Active
	Airport (other)
	Building
	Municipal Boundary - Lower Tier
	Waterbody
	Random Tile Drainage
Socio-Economic Features	
	Civic Building
	Contaminated Site
	Fire Station
	Gas Station
	Library
	Place of Worship
	Recreation
	School



Project Location: 160951299  
 County of Peterborough  
 Prepared by KB on 2022-03-02  
 Technical Review by SE on 2022-02-28

Client/Project: ENBRIDGE GAS DISTRIBUTION INC.  
 SELWYN COMMUNITY EXPANSION PROJECT

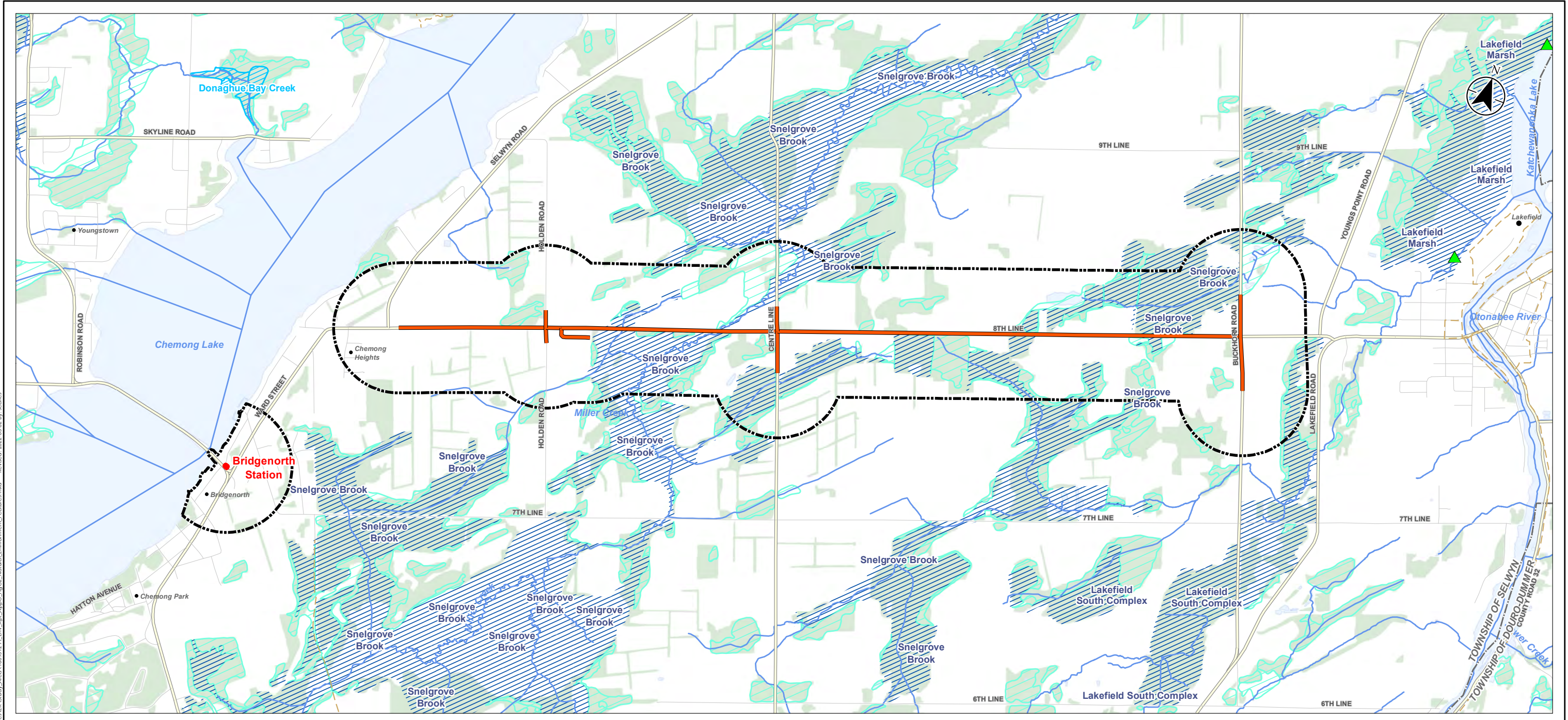
Figure No.: C-1  
 Title: Socio-Economic Features

Notes  
 1. Coordinate System: NAD 1983 UTM Zone 17N  
 2. Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017, Ministry of the Environment and Climate Change, 2021.  
 3. Regulated Data provided under licence agreement from Kawartha Region Conservation Authority (KRCA).

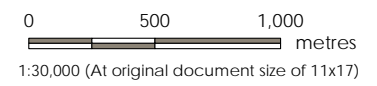
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 Revised: 2022-03-02 By: seanes





- Legend**
- Preferred Route
  - Bridgenorth Station
  - Study Area
  - Base / Environmental Features**
  - Nesting Site
  - Major Road
  - Minor Road
  - Trail
  - Watercourse
  - Municipal Boundary - Lower Tier
  - Wetland - Evaluated (Provincial)
  - Wetland - Evaluated (Other)
  - Wetland - Not evaluated per OWES
  - Waterbody
  - Wooded Area



Project Location: County of Peterborough  
 Prepared by KB on 2022-03-02  
 Technical Review by SE on 2022-02-28

Client/Project: ENBRIDGE GAS DISTRIBUTION INC.  
 SELWYN COMMUNITY EXPANSION PROJECT

Figure No.: C-2

Title: Natural Environment Features

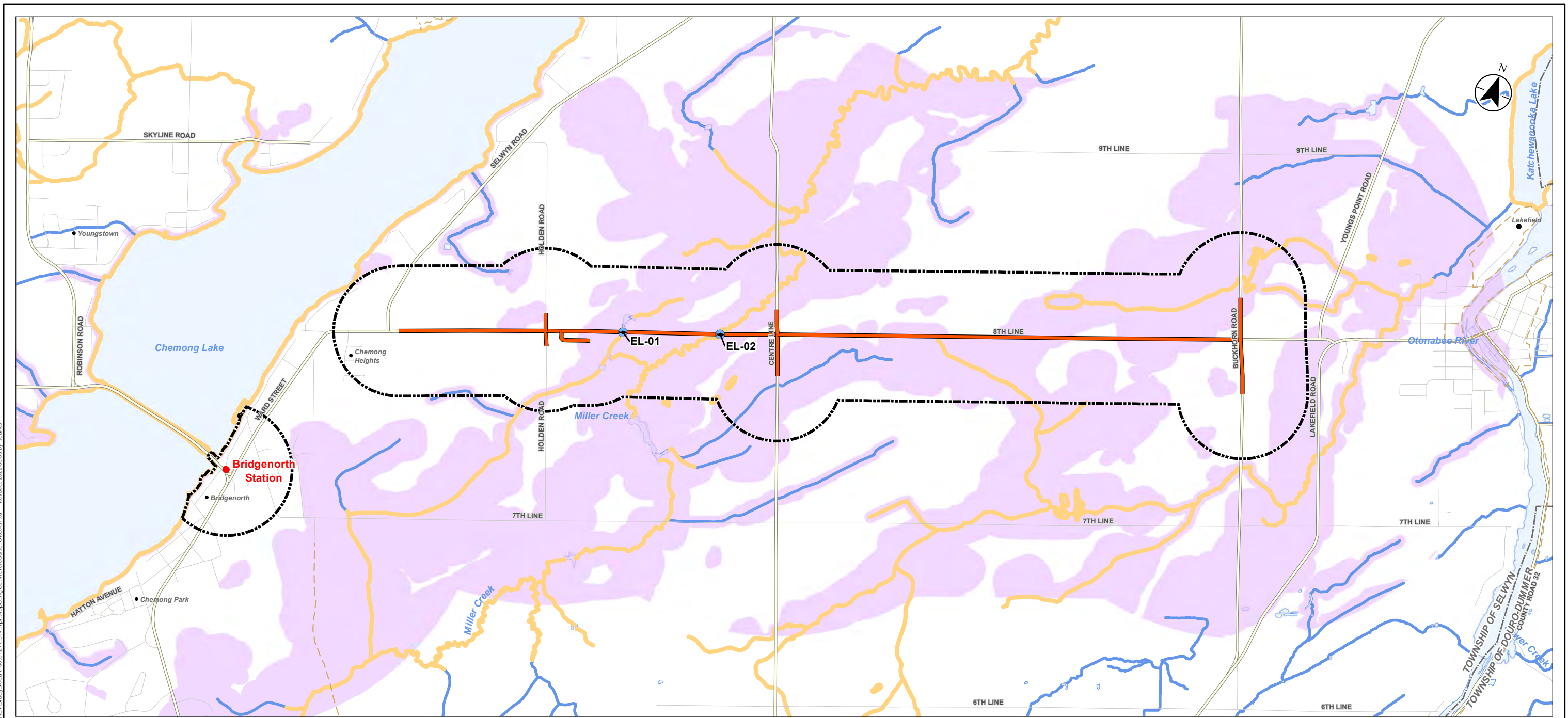
**Notes**

- Coordinate System: NAD 1983 UTM Zone 17N
- Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2021.
- Regulated Data provided under licence agreement from Otonabee Region Conservation Authority (ORCA).

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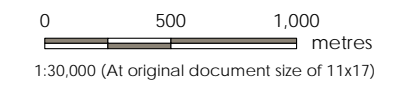
\\CD1215-001\Work\_Group\01609\Active\160951299\_03\_data\gis\_data\gis\_base\map\report\figures\ENR\Study\_Area\160951299\_Env\_Rpt\_AppC\_figC2\_Natural\_Environment\_Features.mxd  
 Revised: 2022-03-02 By: searles





- Legend**
- Preferred Route
  - Bridgenorth Station
  - Study Area
  - Base / Environmental Features**
  - Watercourse Crossing Location
  - Major Road
  - Minor Road
  - - - Trail
  - Watercourse
  - Municipal Boundary - Lower Tier
  - Waterbody

- Aquatic Resource Area - Thermal Regime**
- Warm Water
- Otonabee Region Conservation Features**
- Development Control Area (ORCA)



Project Location: County of Peterborough  
 Prepared by KB on 2022-03-03  
 Technical Review by SE on 2022-02-28

Client/Project: ENBRIDGE GAS DISTRIBUTION INC.  
 SELWYN COMMUNITY EXPANSION PROJECT

Figure No.: C-3

Title: Watercourses and Otonabee Region Conservation Authority Features

**Notes**

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2022.
3. Regulated Data provided under licence agreement from Otonabee Region Conservation Authority (ORCA).

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\\CD1215-001\Work\_Group\01609\Active\160951299\03\_data\figs\_cad\figs\_cad\map\paper\figures\ENR\Study\_Area\160951299\_Env\_Rpt\_AppC\_fig03\_Watercourse\_ORCA.mxd  
 Reviewed: 2022-03-03 By: searles

**APPENDIX D:**  
**Significant Wildlife Habitat Assessment for The  
Selwyn Community Expansion Project (Ecoregion 6E)**



**Appendix D: Significant Wildlife Habitat Assessment for The Selwyn Community Expansion Project (Ecoregion 6E)**

**Table D-1: Significant Wildlife Habitat Assessment**

<b>Wildlife Habitat Type</b>	<b>Criteria</b>	<b>Results of Desktop and Field Habitat Assessment</b>
<b>SEASONAL CONCENTRATION AREAS</b>		
Waterfowl Stopover and Staging Area (Terrestrial and Aquatic)	Fields with evidence of annual spring flooding from meltwater or runoff; aquatic habitats such as ponds, marshes, lakes, bays, and watercourses used during migration, including large marshy wetlands.	<b>Candidate SWH present</b> in ponds, marshes and lakes present in the Study Area.
Shorebird Migratory Stopover Area	Beaches and un-vegetated shorelines of lakes, rivers, and wetlands.	<b>Candidate SWH potentially present</b> on Chemong Lake.
Raptor Wintering Area	Combination of fields and woodland (>20 ha).	<b>Candidate SWH potentially present.</b> Large forests interspersed with meadows present in the Study Area.
Bat Hibernacula	Hibernacula may be found in caves, mine shafts, underground foundations and karsts.	Absent. Caves, mine shafts, and karsts absent.
Bat Maternity Colonies	Maternity colonies considered significant wildlife habitat are found in forested ecosites.	<b>Candidate SWH potentially present</b> in forested areas.
Turtle Wintering Areas	Over-wintering sites are permanent water bodies, large wetlands, and bogs or fens with adequate dissolved oxygen. Water has to be deep enough not to freeze and have soft mud substrate.	<b>Candidate SWH potentially present</b> in various waterbodies throughout the Study Area.
Reptile Hibernaculum	Rock piles or slopes, stone fences, crumbling foundations.	<b>Candidate SWH potentially present</b> within the Study Area.
Colonial-Nesting Bird Breeding Habitat (Bank and Cliff)	Eroding banks, sandy hills, steep slopes, rock faces or piles.	<b>Candidate SWH potentially present</b> within the Study Area.
Colonial-Nesting Bird Breeding Habitat (Tree/Shrubs)	Dead trees in large marshes and lakes, flooded timber, and shrubs, with nests of colonially nesting heron species.	<b>Candidate SWH potentially present</b> on Chemong Lake.
Colonial-Nesting Bird Breeding Habitat (Ground)	Rock islands and peninsulas in a lake or large river.	<b>Candidate SWH potentially present</b> on Chemong Lake.
Migratory Butterfly Stopover Areas	Meadows and forests that are a minimum of 10 ha and are located within 5 km of Lake Erie.	Absent. Study Area is not within 5 km of Lake Ontario.
Landbird Migratory Stopover Areas	Woodlands of a minimum size located within 5 km of Lake Ontario.	Absent. Study Area is not within 5 km of Lake Ontario.

**Appendix D: Significant Wildlife Habitat Assessment for The Selwyn Community Expansion Project (Ecoregion 6E)**

**Table D-1: Significant Wildlife Habitat Assessment**

<b>Wildlife Habitat Type</b>	<b>Criteria</b>	<b>Results of Desktop and Field Habitat Assessment</b>
Deer Yarding or Winter Congregation Areas	Deer winter congregation's areas are mapped by MNRF and species use surveys are not required.	<b>Candidate SWH potentially present</b> in Study Area.
<b>RARE VEGETATION COMMUNITIES</b>		
Sand Barren, Alvar, Cliffs and Talus Slopes	Sand barren, Alvar, Cliff and Talus ELC Community Classes, and other areas of exposed bed rock and patchy soil development, near vertical exposed bedrock and slopes of rock rubble.	To be confirmed during future ELC surveys.
Old-growth Forest	Relatively undisturbed, structurally complex; dominant trees >100 years' old.	To be confirmed during future ELC surveys.
Tallgrass Prairie and Savannah	Open canopy habitats (tree cover < 60%) dominated by prairie species.	To be confirmed during future ELC surveys.
Other Rare Vegetation Communities	Provincially Rare S1, S2 and S3 vegetation communities listed by the NHIC.	To be confirmed during future ELC surveys.
<b>SPECIALIZED HABITAT FOR WILDLIFE</b>		
Waterfowl Nesting Area	Upland habitats adjacent to wetlands (within 120 m).	<b>Candidate SWH potentially present</b> within wetlands throughout the Study Area and adjacent upland areas.
Bald Eagle and Osprey nesting, Foraging, and Perching Habitat	Treed communities adjacent to rivers, lakes, ponds, and other wetlands with stick nests of Bald Eagle or Osprey.	<b>Candidate SWH potentially present</b> in Study Area.
Woodland Raptor Nesting Habitat	Forested ELC communities >30 ha with 10 ha of interior habitat.	<b>Candidate SWH potentially present</b> in large forest tracts.
Turtle Nesting Areas	Exposed soil, including sand and gravel in open sunny areas near wetlands.	<b>Candidate SWH potentially present</b> adjacent to watercourses and waterbodies within the Study Area.
Seeps and Springs	Any forested area with groundwater at surface within the headwaters of a stream or river system.	<b>Candidate SWH potentially present.</b>
Amphibian Breeding Habitat (Woodland and Wetland)	Treed uplands with vernal pools, and wetland ecosites.	<b>Candidate SWH present</b> in wetlands and/or woodlands.
Woodland Area-sensitive Bird Breeding Habitat	Large mature forest stands, woodlots >30 ha and >200 m from the forest edge.	<b>Candidate SWH present</b> in large forest tracts.

**Appendix D: Significant Wildlife Habitat Assessment for The Selwyn Community Expansion Project (Ecoregion 6E)**

**Table D-1: Significant Wildlife Habitat Assessment**

<b>Wildlife Habitat Type</b>	<b>Criteria</b>	<b>Results of Desktop and Field Habitat Assessment</b>
<b>HABITAT FOR SPECIES OF CONSERVATION CONCERN</b>		
Marsh Bird Breeding Habitat	Wetlands with shallow water and emergent aquatic vegetation.	<b>Candidate SWH potentially present</b> in wetlands.
Open Country Bird Breeding Habitat	Large grasslands and fields (>30 ha).	<b>Candidate SWH present</b> in large pastures, meadows, fields.
Shrub/Early Successional Bird Breeding Habitat	Large shrub and thicket habitats (>10 ha).	<b>Candidate SWH present</b> in large thickets.
Terrestrial Crayfish	Wet meadows and edges of shallow marshes.	<b>Candidate SWH potentially present</b> adjacent to wetlands.
<b>SPECIES OF CONSERVATION CONCERN<sup>1</sup></b>		
<b>ANIMAL MOVEMENT CORRIDORS</b>		
Amphibian Movement Corridor	Corridors may be found in all ecosites associated with water. Determined based on identifying significant amphibian breeding habitat (wetland).	<b>Candidate SWH present</b> due to the likely presence of amphibian habitat in the Study Area. Associated with watercourses and wetlands.
Deer Movement Corridors	Corridors may be found in all forested ecosites.	<b>Candidate SWH potentially present.</b>

---

<sup>1</sup> See Table 3.5 in the body of the report for details on candidate SOCC

**APPENDIX E:**  
**Draft Stage 1 Archaeological Assessment**







**Stage 1 Archaeological Assessment:  
Selwyn Community Expansion  
Project**

Parts of Lots 13 to 25, Concessions 7 and  
8, and part of Lot 12, East Side of  
Communication Road, Geographic  
Township of Smith, now Township of  
Selwyn, Peterborough County, Ontario

March 24, 2022

Prepared for:

Enbridge Gas Inc.  
500 Consumers Road  
North York, Ontario M2J 1P8

Prepared by:

Stantec Consulting Ltd  
600-171 Queens Avenue  
London, Ontario N6A 5J7

Licensee: Parker Dickson, MA  
License Number: P256  
Project Information Form Number:  
P256-0706-2021  
Project Number: 160951299

**ORIGINAL REPORT**

## Land Acknowledgement

We respectfully and thoughtfully acknowledge that the Selwyn Community Expansion Project resides on Michi Saagiig (commonly referred to as the Mississauga First Nations), Treaty 20 territory. Since time immemorial, these lands and waters were, and are today, the traditional territory of the Michi Saagiig and Chippewa Nations, collectively known as the Williams Treaties First Nations. This includes Curve Lake First Nation, Hiawatha First Nation, Alderville First Nation, Beausoleil First Nation, Chippewas of Georgina Island First Nation, Chippewas of Scugog Island First Nation, and Chippewas of Rama First Nation. Additionally, we would gratefully recognize that the Project area is also on the ancestral lands of the Huron Wendat Nation.

## Executive Summary

Stantec Consulting Ltd. (Stantec) was retained by Enbridge Gas Inc. (Enbridge) to complete Stage 1 archaeological assessment for the Selwyn Community Expansion Project (the Project). This Stage 1 archaeological assessment was conducted in accordance with the provisions of the *Ontario Heritage Act* (Government of Ontario 1990a) and the requirements of Section 4.3.4 of the Ontario Energy Board's (OEB) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7<sup>th</sup> Edition* (OEB 2016). The study area comprises approximately 208.2 hectares (ha) and includes two components: the preferred pipeline route and the upgrades to the existing Enbridge station, i.e., Bridgenorth Station, located at the intersection of Road 18 and Road 14 in the Town of Bridgenorth. The study area for the Stage 1 assessment comprises parts of Lots 13 to 25, Concessions 7 and 8, and part of Lot 12, East Side of Communication Road, Geographic Township of Smith, now Township of Selwyn, Peterborough County, Ontario.

The Stage 1 archaeological assessment was completed under Project Information Form (PIF) number P256-0706-2021 issued to Parker Dickson, MA by the Ministry of Heritage, Sport, Tourism and Culture Industries (MHSTCI). A property inspection was conducted on December 3, 2021, by Lucas Hillcoat (R1145) in accordance with Section 1.2 of the MHSTCI's *Standards and Guidelines for Consultant Archaeologists* (Government of Ontario 2011). The study area includes existing disturbances such as municipal road ROWs and ditches, gravel and asphalt laneways and parking lots, and residential and commercial buildings. The study area also includes manicured lawn, woodlot and scrubland, wetland, and agricultural field

The Stage 1 archaeological assessment of the study area for the Project, involving background research and the property inspection, determined that portions of the study area retain potential for the identification and documentation of archaeological resources. In accordance with Section 1.3.1 and Section 7.7.4 of the MHSTCI'S 2011 *Standards and Guidelines for Consultant Archaeologists*



## STAGE 1 ARCHAEOLOGICAL ASSESSMENT: SELWYN COMMUNITY EXPANSION PROJECT

(Government of Ontario 2011), **Stage 2 archaeological assessment is required for any portion of the Project's anticipated construction which impacts an area of archaeological potential.**

The Stage 1 archaeological assessment also determined that portions of the study area retain low to no archaeological potential due to extensive disturbance and/or permanently low and wet conditions. These portions of the study area retain low to no potential for the identification or recovery of archaeological resources. In accordance with Section 1.3.2 and Section 7.7.4 of the MHSTCI'S 2011 *Standards and Guidelines for Consultant Archaeologists* (Government of Ontario 2011), **Stage 2 archaeological assessment is not required for any portion of the Project's anticipated construction which impacts an area of low to no archaeological potential.**

The MHSTCI is asked to review the results presented and to accept this report into the *Ontario Public Register of Archaeological Reports*.

*The Executive Summary highlights key points from the report only; for complete information and findings, the reader should examine the complete report.*

DRAFT



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**APPENDIX A**

A.1 Michi Saagig Historical/Background Context .....A.1

DRAFT



## Project Personnel

Licensed Archaeologist:	Parker Dickson, MA (P256)
Project Manager:	Rooly Georgopoulos, B.Sc.
Task Manager:	Parker Dickson, MA (P256)
Licensed Field Director:	Lucas Hillcoat, BA (R1145)
Report Writers:	Ruth Dickau, Ph.D. (R1171), Parker Dickson, MA (P256)
Mapping:	Sean Earles, Baljeet Kaur
Quality Review:	Colin Varley, MA, RPA
Independent Review:	Tracie Carmichael, BA, B.Ed.

## Acknowledgements

Enbridge Gas Inc.:	George Tatolis, C.E.T., B.E.S (Hons), M.E.S. – Environmental Permitting Advisor, Lands, Permitting & Environment
	Sarah Kingdon-Benson, EP, CAN-CISEC – Senior Environmental Analyst, Lands, Permitting & Environment
Ministry of Heritage, Sport, Tourism and Culture Industries:	Robert von Bitter – Archaeological Data Coordinator



# STAGE 1 ARCHAEOLOGICAL ASSESSMENT: SELWYN COMMUNITY EXPANSION PROJECT

Project Context  
March 24, 2022

## 1.0 PROJECT CONTEXT

### 1.1 DEVELOPMENT CONTEXT

Stantec Consulting Ltd. (Stantec) was retained by Enbridge Gas Inc. (Enbridge) to complete Stage 1 archaeological assessment for the Selwyn Community Expansion Project (the Project). Enbridge is proposing to construct a pipeline to supply the community of the Township of Selwyn with natural gas (Figure 1). The Project involves the installation of approximately 8.4 kilometres of new pipeline: 1.8 kilometres will be Nominal Pipe Size (NPS) 2" polyethylene (PE) pipeline and 6.6 kilometres will be NPS 6" PE pipeline. The preferred pipeline route originates at the intersection of 8<sup>th</sup> Line and Selwyn Road and travels east to its termination point at 8<sup>th</sup> Line and Buckthorn Road. The Project is anticipated to stay mainly within the existing municipal road Rights-of-Way (ROWs) of 8<sup>th</sup> Line, Selwyn Road, Holden Road, Centre Line, and Buckhorn Road, with some additional Temporary Land Use (TLU) outside the ROWs for lay-down, storage, and excess soils management to be identified prior to the construction phase. Pipeline installation will occur through an open trench technique, although select features may be crossed using a trenchless method such as bore or horizontal directional drill. In addition, the Project may require upgrades or rebuild of the existing Enbridge station at Ward Street and Bridge Street, Bridgenorth, Ontario.

This Stage 1 archaeological assessment was conducted in accordance with the provisions of the *Ontario Heritage Act* (Government of Ontario 1990a) and the requirements of Section 4.3.4 of the Ontario Energy Board's (OEB) *Environmental Guidelines for the Location, Construction and Operation of Hydrocarbon Pipelines and Facilities in Ontario, 7<sup>th</sup> Edition* (OEB 2016). Overall, the study area is approximately 208.2 hectares (ha) and comprises two components: the preferred pipeline route and the upgrades to the existing Enbridge station, i.e., Bridgenorth Station (Figure 2). The study area for the Stage 1 assessment of the pipeline component of the proposed Project is approximately 203.1 ha of part of Lots 13 to 25, Concessions 7 and 8, Geographic Township of Smith, now Township of Selwyn, Peterborough County, Ontario. The study area for the Bridgenorth Station component of the proposed Project is approximately 5.1 ha and is in part of Lot 12, East Side of Communication Road, Geographic Township of Smith, now Township of Selwyn, Peterborough County, Ontario.

#### 1.1.1 Objectives

In compliance with the provincial standards and guidelines set out in the Ministry of Heritage, Sport, Tourism and Culture Industries' (MHSTCI) 2011 *Standards and Guidelines for Consultant Archaeologists* (Government of Ontario 2011), the objectives of the Stage 1 are as follows:

- To provide information about the study area's geography, history, previous archaeological fieldwork, and current land conditions.
- To evaluate the study area's archaeological potential which will support recommendations for Stage 2 survey for all or parts of the property.
- To recommend appropriate strategies for Stage 2 survey.



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To meet these objectives, Stantec archaeologists employed the following research strategies:

- A review of relevant archaeological, historical, and environmental literature pertaining to the study area.
- A review of the land use history, including pertinent historical maps.
- An examination of the *Ontario Archaeological Sites Database* to determine the presence of registered archaeological sites in and around the study area.
- A query of the *Ontario Public Register of Archaeological Reports* to identify previous archaeological work completed within, or within 50 metres of, the study area.
- A property inspection of the study area.

Permission to enter private lands associated with the study area was not obtained by Enbridge to facilitate a full property inspection. As a result, the property inspection was limited to municipal road ROWs and public property.

## 1.2 HISTORICAL CONTEXT

### 1.2.1 Post-contact Indigenous Resources

“Contact” is typically used as a chronological benchmark when discussing Indigenous archaeology in Canada and describes the contact between Indigenous and European cultures. The precise moment of contact is a constant matter of discussion. Contact in what is now the province of Ontario is broadly assigned to the 16<sup>th</sup> century (Loewen and Chapdelaine 2016).

During the early post-contact period, the north shore of Lake Ontario was occupied by two distinct peoples with different cultural traditions: the Michi Saagig Nishnaabeg (Mississauga Anishinaabeg) and the Huron-Wendat. Both Huron and Mississauga traditional history indicate that the Huron-Wendat and Mississauga cohabited the region (Kapyrka 2018). It has long been the understanding of archaeologists that prior to the 16<sup>th</sup> century, the north shore of Lake Ontario was occupied by Iroquoian-speaking populations (Birch and Williamson 2013; Birch 2012; Dermarkar *et al.* 2016). Traditionally, the Huron-Wendat were farmers and fishermen-hunter-gatherers with a population of between 30,000 and 40,000 individuals. The Huron-Wendat traveled widely across a territory stretching from the Gaspé Peninsula in the Gulf of Saint Lawrence, along both sides of the Saint Lawrence River, and throughout the Great Lakes. The Huron-Wendat were, and continue to be, intimately linked to the Saint Lawrence River and its estuary, which is the main route of its activities and way of life. The Huron-Wendat formed alliances and traded goods with other Indigenous partners among the networks that stretched across the continent, and later incorporated the French into that trading network.

Recently, the direct correlation in Ontario between archaeology and ethnicity, and especially regional identity, has been questioned (cf. Fox 2015:23; Gaudreau and Lesage 2016:9-12; Ramsden 2016:124). Recent considerations of Indigenous sources on cultural history have led to the understanding that, prior to the 16<sup>th</sup> century, the north shore of Lake Ontario was co-habited by Iroquoian and more mobile Anishnaabeg populations (Kapyrka 2018), the latter of whom have not been represented in previous analyses of the archaeological record and most likely left a more ephemeral archaeological record than that of more densely populated agricultural settlements. The apparent void of semi-permanent village settlement along the north shore of Lake Ontario continued through the first half of the 17<sup>th</sup> century;





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however, this does not preclude the occupation of the region by mobile Anishnaabeg peoples. Both Huron and Mississauga traditional history indicate that the Huron-Wendat and Mississauga cohabited the region (Kapyrka 2018).

The Mississauga traditional homeland stretched along the north shore of Lake Ontario and its tributary rivers from present-day Gananoque in the east to Long Point on Lake Erie in the west. In the winter, the communities dispersed into smaller groups and travelled in-land to the north, to the area around present-day Bancroft and the Haliburton Highlands. Mississauga oral history relates that their ancestors occupied this part of southern Ontario from the time of the last deglaciation and continued to occupy it up to the start of the Contact period (Kapyrka 2018).

The Mississauga traditional territory was located between two powerful confederacies, the Three Fires Confederacy (consisting of the Odawa, Ojibwa, and Pottawatomi) located to the north and west, and the Haudenosaunee (Five Nations Iroquois) Confederacy on the south shore of Lake Ontario in present-day New York State. In this geo-political context, the Mississauga acted as peacekeepers among the various Indigenous nations, acting as negotiators and emissaries (Kapyrka 2018). In the 1640s, the Five Nations began an aggressive campaign of territorial expansion, in particular between the north shore of Lake Ontario and what is now central Ontario. In 1649, the Seneca, with the Mohawk, led a campaign that dispersed the Huron, Tionontate (Petun), and Attiwandaron (Neutral), and the Seneca established dominance over the region (Heidenreich 1978).

At this time, the semi-permanent settlements associated with the ancestral Huron-Wendat (the Huron) were abandoned and the Mississauga retreated from the area along the north shore of Lake Ontario into the hinterlands of their territory, waiting until the conflicts had ended and the political situation had stabilized before returning (Heidenreich 1990; Kapyrka 2018; Ramsden 1990). The Huron-Wendat permanently left the region, moving to the east in Quebec and to the southwest in the present-day United States. By the 1680s, Mississauga people had begun to re-enter the lower Great Lakes basin and reclaim some of their traditional territories (Curve Lake First Nation n.d.; Konrad 1981; Rogers 1978).

Upon their return, the Mississauga began to reestablish their role as peacekeepers in the region, extending that to include the incoming Euro-Canadian settlers (Kapyrka 2018). Additional historical and background history of the Curve Lake First Nation and the traditional homelands of Michi Saagiig (Mississauga Anishinaabeg) has been provided to Stantec by Enbridge and is included as Appendix A to this report. Part of the provided oral history includes the following from Mississauga Elder Gitiga Migizi:

*We weren't affected as much as the larger villages because we learned to paddle away for several years until everything settled down. And we came back and tried to bury the bones of the Huron but it was overwhelming, it was all over, there were bones all over – that is our story.*

*There is a misnomer here, that this area of Ontario is not our traditional territory and that we came in here after the Huron-Wendat left or were defeated, but that is not true. That is a big misconception of our history that needs to be corrected. We are the traditional people, we are the ones that signed treaties with the Crown. We are recognized as the ones who signed these treaties and we are the ones to be dealt with officially in any matters concerning territory in southern Ontario.*



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*We had peacemakers go to the Haudenosaunee and live amongst them in order to change their ways. We had also diplomatically dealt with some of the strong chiefs to the north and tried to make peace as much as possible. So we are very important in terms of keeping the balance of relationships in harmony.*

*Some of the old leaders recognized that it became increasingly difficult to keep the peace after the Europeans introduced guns. But we still continued to meet, and we still continued to have some wampum, which doesn't mean we negated our territory or gave up our territory – we did not do that. We still consider ourselves a sovereign nation despite legal challenges against that. We still view ourselves as a nation and the government must negotiate from that basis.*

(Migizi and Kapyrka 2015:2)

Since contact with European explorers and immigrants, and, later, with the establishment of provincial and federal governments (the Crown), the lands within Ontario have been included in various treaties, land claims, and land cessions. Though not an exhaustive list, Morris (1943) provides a general outline of some of the treaties within the Province of Ontario from 1783 to 1923. The study areas fall within the territory of the seven Anishnaabeg First Nations which are signatories to the Williams Treaties: Mississaugas of Alderville First Nation, Curve Lake First Nation, Hiawatha First Nation, Scugog Island First Nation, the Chippewas of Beausoleil First Nation, Georgina Island First Nation, and the Rama First Nation (Williams Treaties First Nations 2017). While it is difficult to exactly delineate treaty boundaries today, an approximate outline of the treaty lands described by Morris (1943) is provided in Figure 3. Based on Morris (1943), the study area is situated within lands governed by the 1818 Rice Lake Treaty (Treaty No. 20). The Rice Lake Treaty, which allowed for the initial settlement of Peterborough County to begin, area begins

*...at the northwest angle of the Township of Rawdon; then north 16 degrees west, 33 miles or until it strikes the line forty-five; then along said line to a Bay at the northern entrance of Lake Simcoe; then southerly along the waters [sic] edge to the entrance of Talbot River; thence up Talbot River to the eastern boundary line of the Home District; thence along said boundary line south 16 degrees east to the south west angle of the Township of Darlington; then along the northern boundary line of the Township of Darlington, Clarke, Hope and Hamilton to Rice Lake; then along the southern shore of said lake and of the River Trent to the Western Division Line of the Midland District; then north 16 degrees west to the place of beginning.*

(Morris 1943:24)

Once the initial Euro-Canadian settlement of the area began, the local Mississauga began to trade with settlers along the Trent and Severn rivers. As local industry began to develop, local Indigenous peoples went to work in the mills and in the construction of infrastructure, including the Trent-Severn waterway and for the original causeway link between Bridgenorth and Ennismore on Chemong Lake, approximately 17 kilometres southwest of the study area (J. Kapyrka, personal communication).



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The nature of Indigenous settlement size, population distribution, and material culture shifted as European explorers and settlers encroached upon Indigenous territory. However, despite this shift, written accounts of material culture and livelihood, correlations of historically recorded villages to their archaeological assemblages, and the resemblances of those sites to more ancient sites have revealed an antiquity to documented cultural expressions that confirms a deep historical continuity to systems of ideology and thought (Ferris 2009:114). As a result, Indigenous peoples have left behind archaeological resources throughout the region which show continuity with past peoples, even if they have not been explicitly recorded in Euro-Canadian documentation.

### 1.2.2 Euro-Canadian Resources

At its inception, Upper Canada was only sparsely settled by Europeans and the land had not been officially surveyed to any great extent. Thus, there was an urgency, by the then Lieutenant Governor of Upper Canada Colonel John Graves Simcoe, to survey this new province to establish military roads and prevent settlers from clearing and settling land not legally belonging to them. In 1791, the Provinces of Upper Canada and Lower Canada were created from the former Province of Quebec by an act of British Parliament (Craig 1963:17). At this time, Simcoe was appointed as the Lieutenant Governor of Upper Canada and was tasked with governing the new province, directing its settlement and establishing a constitutional government modelled after that of Britain (Coyne 1895). The change was affected at the behest of United Empire Loyalists who wished to live under the British laws and customs they were familiar with in Great Britain and the former 13 Colonies (Craig 1963:10-11). Simcoe had ambitious plans to create a model British society in North America, stating a desire to “inculcate British customs, manners, and principles in the most trivial, as well as most serious matters” in Upper Canada (Craig 1963:21). In 1792, Simcoe divided Upper Canada into 19 counties consisting of previously settled lands, new lands opened for settlement, and lands not yet acquired by Crown. These new counties stretched from Essex in the west to Glengarry in the east.

The administrative history of Peterborough County began in 1798 when the Newcastle District was established as one of the original districts of Upper Canada. In 1841, the districts were reorganized, and the Colborne District was established. Less than ten years later, the Colborne District was reorganized again, creating the United Counties of Peterborough and Victoria. In 1861, the united counties were separated into individual counties (Cole 1975:2).

#### 1.2.2.1 Geographic Township of Smith

Smith Township was surveyed by Samuel Wilmot in 1818 (Theberge and Theberge 1982). He began by surveying a road (Wilmot 1818a), named Communication Street (or Line), which roughly followed the Indigenous portage route between the Otonabee River and Chemong Lake and created lots on either side of this road (Figure 4). Wilmot continued his survey to the northeast according to the double-front survey system, a survey system popular between 1815 and 1829 (Dean 1969). By the end of 1818, Wilmot had reached Concession 12, but resigned due to lack of payment from the government (Theberge and Theberge 1982). The survey was completed in 1829 and 1830 by Richard Birdsall, who surveyed much of Peterborough County.



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The earliest Euro-Canadian settlement of Smith Township occurred in the southwest corner as soon as the first lots were surveyed in 1818. A group of early colonists, among them Allen Otty, Thomas Ward, Charles Wilson, and Richard VanArnam, built a log cabin in the first lot west of Communication Road and lived there until each man could build his own home on his own lot (Mulvaney 1884:375; Middleton and Landon 1927). The first working mill in the township was built on Galloway Creek but was constantly breaking down. In 1821, Adam Scott built a sturdier mill on the Otonabee River at Peterborough (Mulvaney 1884:376). Census records indicate that 22 people lived in Smith Township in 1818, increasing to 153 by 1824, and 753 by 1832 (Theberge and Theberge 1982:22; Middleton and Landon 1927). Irish immigrants were among the earliest wave of European settlers (Brunger 1985:99), along with Scottish and English. Some land was cleared for agriculture, but lumber was the main industry until the second half of the 19<sup>th</sup> century (Theberge and Theberge 1982). Early roads were in poor condition until 1831 when a grant by the Upper Canada Legislature was invested in improving them, including Communication Road and Mud Lake Road, which ran along the east bank of the Chemong Lake from Bridgenorth to Selwyn (Mulvaney 1884:376).

The village of Bridgenorth was established in 1837 when William Valley built a tavern there, but initial growth was slow (Middleton and Landon 1927). By 1854, Bridgenorth had a sawmill, a grist mill, steam saw, shingle mill, general store, and a post office. The village grew with the expansion of steam navigation on Lake Chemong (Mulvaney 1884:378). By 1884, the population of the village was 150, and a floating bridge connected it to Ennismore on the other side of Chemong Lake. Other early settlements in Smith Township included Selwyn and Young's Point in the northern half of the township, and Lakefield on the banks of the Otonabee River.

Lakefield was one of the largest and most prosperous villages in Peterborough County in the 19<sup>th</sup> century. It was established in 1831 on the banks of the Otonabee River at the entry to Lake Katchewanooka by Colonel Strickland, brother of Catherine Parr Trail. The village was formerly called Nelson's Falls, Herriott's Falls, and Selby at various times (Mulvaney 1884:398). The first bridge was built by early settlers and was frequently damaged by ice and logs. The bridge was later replaced with a more permanent wood and iron structure. Numerous mills were built in the village, and the first store and tavern were built sometime around 1855. It was easily accessible from the town of Peterborough via the Midland Railway (Mulvaney 1884:389).

#### 1.2.2.2 Peterborough & Chemong Lake Railway

A short-lived railway extended from Peterborough to the shoreline of Chemong Lake in Lot 16, Concession 9 in the late 19<sup>th</sup> century. This line is depicted on the 1879 map of Smith Township from the *County of Peterborough* historical atlas (Miles & Co. 1879). The Peterborough & Chemong Lake Railway Company was incorporated in 1855, but by 1859, only four miles of track had been laid on the east side of the Otonabee River up to Perry Mills (Nassau). Various challenges and business issues stalled construction. Between 1867 and 1871, a bridge (the Black Bridge) was constructed over the Otonabee River, but the project stalled again due to lack of funding (Cooper 2014). The bridge was closed, and the project was renewed in 1888 by the Grand Trunk Railroad Company, this time as a branch off the Lakefield Line on the west side of the Otonabee River (Turner 1982). The line traveled north to the shore



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of Lake Chemong, but by 1902 the line was abandoned due with the decline in the regional lumber industry (Cooper 2014).

### 1.2.2.3 Review of Historical Mapping

The 1818 survey map of the southern portion of Smith Township (Wilmot 1818b) depicts the lot layout, waterways, and gives indications where the survey lines passed through wet land (Figure 5). The map also shows which lots were set aside for the clergy and Crown, depicted by markings of “C/” and “C/” respectively. The lots in the southwestern part of the township and along Communication Road were the first to be settled. Several landowners are illustrated on the 1818 survey map, but they were likely added to the map years after the survey map was produced. The 1818 field notes do not explicitly mention any Indigenous settlements in the area, but the portage trail from Chemong Lake to the Otonabee River is illustrated on the survey map.

The Miles & Co. (1879) *County of Peterborough* historical atlas depicts a schoolhouse near the corner of 8<sup>th</sup> Line and Selwyn Road, north of the study area, and a schoolhouse on Buckhorn Road south of 8<sup>th</sup> Line, south of the study area (Figure 6). The town of Lakefield is depicted east of Buckhorn Road on the banks of the Otonabee River, and the Bridgenorth Post Office is illustrated in Lot 19, Concession 6, as is a school in Lot 19, Concession 7, although the town of Bridgenorth was located on the shore of Lake Chemong. No landowners are illustrated on the 1879 map for any lots associated with the study area.

In discussing the late 19<sup>th</sup> century historical mapping, it must be remembered that historical county atlases were produced primarily to identify factories, offices, residences and landholdings of subscribers and were funded by subscription fees. Landowners who did not subscribe were not always listed on the maps (Caston 1997:100). As such, structures were not necessarily depicted or placed accurately (Gentilcore and Head 1984). Further, historical mapping, including treaty maps, also has inherent accuracy difficulties due to potential error in geo-referencing. Geo-referencing is conducted by assigning spatial coordinates to fixed locations and using these points to spatially reference the remainder of the map. Due to changes in “fixed” locations over time (e.g., road intersections, road alignments, shorelines, watercourses, etc.), errors/difficulties of scale and the relative idealism of the historical cartography, historical maps may not translate accurately into real space points. This may provide obvious inconsistencies during historical map review.

## 1.3 ARCHAEOLOGICAL CONTEXT

### 1.3.1 The Natural Environment

The study area is located within the Peterborough Drumlin Field region. The Peterborough Drumlin Field region is described as:

*...rolling till plain with an area of about 1750 square miles. Extending from Hastings County in the east to Simcoe County in the west, and including the drumlins south of the moraine in Northumberland County, this belt contains approximately 3000 good drumlins in addition to many other drumlinoid hills and surface flutings of the till sheet. For the most part the rock underlying this region is limestone of the Lindsay and Verulam Formations*



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*which are somewhat softer and less massive formations than the Gull River Formation. They are also highly fossiliferous and disintegrate easily. The drumlins throughout are composed of highly calcareous till but there are local differences.*

(Chapman and Putnam 1984:170)

Because of the nature of the drumlin field, the study area crosses several different soil types. Soils range from extremely well drained sandy loam and gravel to very poorly drained peats, usually in the swales between the drumlins. Pockets of loam, such as Emily, Otonabee, and Farmington loams, would have been suitable for small scale Indigenous or Euro-Canadian agriculture. Table 1 summarizes the soils with the study area and their associated qualities, based on Gillespie and Acton (1981).

**Table 1: Soils within the Study Area**

Soil Name	Texture	Drainage
Emily	Loam	Imperfectly drained
Otonabee	Loam	Excessively to well drained
Vespra	Peat	Very poorly drained
Wendigo	Loamy sand	Excessively drained
Washago	Peat underlain by fine sand	Very poorly drained
White Lake	Sandy loam with gravel	Excessively drained
Brinco	Sandy loam	Well drained
Farmington	Loam	Well drained

Miller Creek (historically called Snelgrove Brook or Creek), a tributary of the Otonabee River, crosses the study area. The Bridgenorth Station portion of the study area is located approximately 80 metres from the shore of Chemong Lake. The study area also crosses several wetlands. The Otonabee River, located approximately 1,640 metres east of the study area, is part of the Trent-Severn Waterway. The Trent-Severn Waterway has been an important trade and travel route between present-day Lake Simcoe and Lake Ontario for both Indigenous and Euro-Canadian peoples (Wilson 2017).

### 1.3.2 Pre-contact Indigenous Resources

This portion of southeastern Ontario has been occupied by Indigenous peoples since the retreat of the Wisconsin glacier approximately 11,000 years ago. Much of what is understood about the lifeways of Indigenous peoples is derived from archaeological evidence and ethnographic analogy. In Ontario, Indigenous culture prior to the period of contact with European peoples has been distinguished into cultural periods based on observed changes in material culture. These cultural periods are largely based in observed changes in formal lithic tools, and separated into the Early Paleo-Indian, Late Paleo-Indian, Early Archaic, Middle Archaic, and Late Archaic periods. Following the advent of ceramic technology in the Indigenous archaeological record, cultural periods are separated into the Early Woodland, Middle Woodland, and Late Woodland periods, based primarily on observed changes in formal ceramic decoration. It should be noted that these cultural periods do not necessarily represent specific cultural identities but are a useful paradigm for understanding changes in Indigenous culture through time.



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The current understanding of Indigenous archaeological culture is summarized in Table 2, based on Ellis and Ferris (1990). The provided time periods are based on the “Common Era” calendar notation system, i.e., Before Common Era (BCE) and Common Era (CE). The following summary is based on syntheses in Archaeologix Inc. (2008), Damjkar (1990), Ellis and Ferris (1990), Jacques Whitford (2008), Ramsden (1989), and Sutton (1990).

**Table 2: Generalized Cultural Chronology of Southeastern Ontario**

Cultural Period	Characteristics	Time Period	Comments
Early Paleo-Indian	Fluted Projectiles	9000 - 8400 BCE	Spruce parkland / caribou hunters
Late Paleo-Indian	Hi-Lo Projectiles	8400 - 8000 BCE	Smaller but more numerous sites
Early Archaic	Kirk and Bifurcate Base Points	8000 - 6000 BCE	Slow population growth
Middle Archaic	Brewerton-like points	6000 - 2500 BCE	Environment similar to present
Late Archaic	Lamoka (narrow points)	2500 - 1800 BCE	Increasing site size
	Broad Points	1800 - 1500 BCE	Large chipped lithic tools
	Small Points	1500 - 1100 BCE	Introduction of bow hunting
Terminal Archaic	Hind Points	1100 - 950 BCE	Emergence of true cemeteries
Early Woodland	Meadowood Points	950 - 400 BCE	Introduction of pottery
Middle Woodland	Dentate / Pseudo-Scallop Pottery	400 BCE – 550 CE	Increased sedentism
	Princess Point	550 – 900 CE	Introduction of corn
Late Woodland	Early Late Woodland Pottery	900 – 1300 CE	Emergence of agricultural villages
	Middle Late Woodland Pottery	1300 – 1400 CE	Long longhouses (100+ metres)
	Late Late Woodland Pottery	1400 – 1650 CE	Tribal warfare and displacement

Between 9000 and 8000 BCE, Indigenous populations were sustained by hunting, fishing, and foraging and lived a relatively mobile existence across an extensive geographic territory. Despite these wide territories, social ties were maintained between groups. One method of maintaining social ties was gift exchange, evident through exotic lithic material documented on many sites (Ellis 2013:35-40).

By approximately 8000 BCE, evidence exists and becomes more common for the production of ground-stone tools such as axes, chisels and adzes. These tools themselves are believed to be indicative specifically of woodworking. This evidence can be extended to indicate an increase in craft production and arguably craft specialization. This latter statement is also supported by evidence dating to approximately 7000 BCE of ornately carved stone objects which would be laborious to produce and have explicit aesthetic qualities (Ellis 2013:41). This is indirectly indicative of changes in social organization which permitted individuals to devote time and effort to craft specialization. Since 8000 BCE, the Great Lakes basin experienced a low-water phase, with shorelines significantly below modern lake levels (Stewart 2013: Figure 1.1.C). It is presumed that the majority of human settlements would have been focused along these former shorelines. At approximately 6500 BCE the climate had warmed considerably since the recession of the glaciers and the environment had grown more similar to the present day. By approximately 4500 BCE, evidence exists from southern Ontario for the utilization of native copper, i.e., naturally occurring pure copper metal (Ellis 2013:42). The known origin of this material along the north



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shore of Lake Superior indicates the existence of extensive exchange networks across the Great Lakes basin.

At approximately 3500 BCE, the isostatic rebound of the North American plate following the melt of the Laurentide glacier had reached a point which significantly affected the watershed of the Great Lakes basin. Prior to this, the Upper Great Lakes had drained down the Ottawa Valley via the French-Mattawa River valleys. Following this shift in the watershed, the drainage course of the Great Lakes basin had changed to its present course. This also prompted a significant increase in water-level to approximately modern levels (with a brief high-water period); this change in water levels is believed to have occurred catastrophically (Stewart 2013:28-30). This change in geography coincides with the earliest evidence for cemeteries (Ellis 2013:46). By 2500 BCE, the earliest evidence exists for the construction of fishing weirs (Ellis *et al.* 1990: Figure 4.1). Construction of these weirs would have required a large amount of communal labour and are indicative of the continued development of social organization and communal identity. The large-scale procurement of food at a single location also has significant implications for permanence of settlement within the landscape. This period is also marked by further population increase and by 1500 BCE evidence exists for substantial permanent structures (Ellis 2013:45-46).

By approximately 950 BCE, the earliest evidence exists for populations using ceramics. Populations are understood to have continued to seasonally exploit natural resources. This advent of ceramic technology correlated, however, with the intensive exploitation of seed foods such as goosefoot and knotweed as well as mast such as nuts (Williamson 2013:48). The use of ceramics implies changes in the social organization of food storage as well as in the cooking of food and changes in diet. Fish also continued to be an important facet of the economy at this time. Evidence continues to exist for the expansion of social organization (including hierarchy), group identity, ceremonialism (particularly in burial), interregional exchange throughout the Great Lakes basin and beyond, and craft production (Williamson 2013:48-54).

By approximately 550 CE, evidence emerges for the introduction of maize into southern Ontario. This crop would have initially only supplemented Indigenous peoples' diet and economy (Birch and Williamson 2013:13-14). The archaeological evidence is supported by Mississauga oral history that speak of people coming into the Mississauga territory between 500 and 1000 CE and seeking permission to establish villages and an agricultural-based economy. Maize-based agriculture gradually became more important to societies and by approximately 900 CE permanent communities emerge which are primarily focused on agriculture and the storage of crops, with satellite locations oriented toward other resource procurement strategies such as hunting, fishing, and foraging. This archaeologically defined culture, known as the Late Woodland in southern Ontario, is associated with societies referred to as the Ontario Iroquois Tradition and is often divided into three temporal components: Early, Middle and Late Ontario Iroquoian. Sites associated with the Early Iroquoian period indicate that there was a continuation of similar subsistence practices and settlement patterns as the Middle Woodland. Villages tended to be small, with small longhouse dwellings that housed either nuclear or, with increasingly, extended families. Smaller camps and hamlets associated with villages served as temporary bases from which wild plant and game resources were acquired. Horticulture appears to have been for the most part a supplement to wild foods, rather than a staple.





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The Middle Iroquoian period marks the point at which a fully developed horticultural system emerged, and at which point cultivars became the staple food source. By approximately 1250 CE, evidence exists for the common cultivation of historic Indigenous cultigens, including maize, beans, squash, sunflower, and tobacco. In this period villages become much larger than in the Early Iroquoian period, and longhouses also become much larger, housing multiple, though related, nuclear families. For those Indigenous peoples who began practicing cultivation, food production through horticulture resulted in the abandonment of seasonal mobility. Hunting, fishing, and gathering of wild food activities continued to occur at satellite camps. However, for the most part, most Iroquoian people inhabited large, sometimes fortified villages throughout southern Ontario.

During the Late Iroquoian period longhouses became smaller again, although villages became even larger. A number of Huron village sites have been discovered in the region that contain material culture associated with both Huron and St. Lawrence Iroquoians, suggesting that St. Lawrence Iroquoians who had abandoned their home territory along the north shore of the St. Lawrence River and found refuge in the Trent Valley and Kawartha Lakes area (Ramsden 2016). The villages were abandoned in the 16<sup>th</sup> century and the region was used as a buffer between the Huron and the Five Nations Iroquois.

The Late Iroquoian period in the Trent River system and along the north shore of Lake Ontario is marked by the emergence of the Huron Iroquoian people, one of several discrete groups that emerge out of the Middle Iroquoian period. Pre-contact Huron villages have been documented in clusters along the north shore of Lake Ontario from just west of Toronto to Bellville, and north up through the Kawartha Lakes region. The Huron were similar to other Iroquoian societies in many ways, including material culture, semi-permanent settlement practices, and a tendency toward agricultural mixed with hunting and gathering subsistence strategy (Ramsden 1990). Huron settlements include large villages of several longhouses and camps for specialized extractive activities such as hunting and fishing, although there is discussion that these camps may actually be ancestral Mississauga sites (J. Kapyrka, personal communication). During the Late Iroquoian period, Huron settlements along the north shore of Lake Ontario begin to move through the Humber River, Don River, Duffins Creek/Rouge River and Trent River systems and eventually coalesce into what is now Simcoe County and the area traditionally identified as "Huronian" (Birch 2012).

### 1.3.3 Registered Archaeological Sites and Surveys

In Canada, archaeological sites are registered within the Borden system, a national grid system designed by Charles Borden in 1952 (Borden 1952). The grid covers the entire surface area of Canada and is divided into major units containing an area that is two degrees in latitude by four degrees in longitude. Major units are designated by upper case letters. Each major unit is subdivided into 288 basic unit areas, each containing an area of 10 minutes in latitude by 10 minutes in longitude. The width of basic units reduces as one moves north due to the curvature of the earth. In southern Ontario, each basic unit measures approximately 13.5 kilometres east-west by 18.5 kilometres north-south. In northern Ontario, adjacent to Hudson Bay, each basic unit measures approximately 10.2 kilometres east-west by 18.5 kilometres north-south. Basic units are designated by lower case letters. Individual sites are assigned a unique, sequential number as they are registered. These sequential numbers are issued by the MHSTCI



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who maintain the *Ontario Archaeological Sites Database*. The study area is located within Borden blocks BcGo and BcGn.

Information concerning specific site locations is protected by provincial policy and is not fully subject to the *Freedom of Information and Protection of Privacy Act* (Government of Ontario 1990b). The release of such information in the past has led to looting or various forms of illegally conducted site destruction. Confidentiality extends to media capable of conveying location, including maps, drawings, or textual descriptions of a site location. The MHSTCI will provide information concerning site location to the party or an agent of the party holding title to a property, or to a licensed archaeologist with relevant cultural resource management interests.

An examination of the *Ontario Archaeological Sites Database* has shown that one archaeological site, Champlain's Rest (BcGo-1), is registered within a one kilometre radius of the study area but is not within 50 metres of the study area (Government of Ontario 2022a). Champlain's Rest (BcGo-1) is registered as a post-contact Iroquoian camp. A query of the *Ontario Public Register of Archaeological Reports* indicates that there are no previous archaeological assessments undertaken within 50 metres of the study area (Government of Ontario 2022b).

### 1.4 EXISTING CONDITIONS

The Stage 1 archaeological assessment was completed under Project Information Form (PIF) number P256-0706-2021 issued to Parker Dickson, MA by the MHSTCI. Overall, the study area is approximately 208.2 ha and comprises parts of Lots 13 to 25, Concessions 7 and 8, and part of Lot 12, East Side of Communication Road, Geographic Township of Smith, now Township of Selwyn, Peterborough County, Ontario (see Figure 2). The study area includes existing disturbances such as municipal road ROWs and ditches, gravel and asphalt laneways and parking lots, and residential and commercial buildings. The study area also includes manicured lawn, woodlot and scrubland, wetland, and agricultural field.



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Field Methods

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### 2.0 FIELD METHODS

Prior to the start of the Stage 1 archaeological assessment, Enbridge provided AutoCAD files which illustrated the proposed pipeline route and station. The pipeline, and associated construction, is expected to be located within municipal road ROWs. The final construction easement/footprint and any further TLU requirements for the Project will be determined by Enbridge at a later date. Since additional TLU may be required during construction, the Stage 1 study area was developed to capture the pipeline route and municipal road ROWs plus a 125-metre buffer on either side. The files were then geo-referenced by Stantec's Geographic Information Services (GIS) team and a digital file (*i.e.*, a shape file) was created of the Project's study area. The digital file was uploaded to handheld devices for use in the field. Overall, the study area is approximately 208.2 ha and comprises parts of Lots 13 to 25, Concessions 7 and 8, and part of Lot 12, East Side of Communication Road, Geographic Township of Smith, now Township of Selwyn, Peterborough County, Ontario (see Figure 2).

Initial background research compiled information concerning registered and/or potential archaeological resources within the study area. A property inspection was conducted on December 3, 2021, by Lucas Hillcoat (R1145) under PIF number P256-0706-2021 issued to Parker Dickson, MA by the MHSTCI in accordance with Section 1.2 of the MHSTCI's *Standards and Guidelines for Consultant Archaeologists* (Government of Ontario 2011).

Permission to conduct the Stage 1 visual assessment of the study area was provided by Enbridge. However, access to private lands for the purposes of the archaeological assessment was not obtained. Thus, photo documentation undertaken for the Stage 1 visual assessment was completed from the municipal road ROWs and public lands. The property inspection involved spot-checking the entirety of the study area to identify the presence or absence of any features of archaeological potential. During the property inspection on December 3, 2021, the weather was cool and partly sunny. At no time were field, lighting, or weather conditions detrimental to the identification of features of archaeological potential. The photography from the property inspection is presented in Section 7.1 and confirms that the requirements for a Stage 1 property inspection were met, as per Section 1.2 and Section 7.7.2 Standard 1 of the MHSTCI's 2011 *Standards and Guidelines for Consultant Archaeologists* (Government of Ontario 2011). Figure 7 illustrates photo locations and the archaeological potential of the study area.

Based on the results of the property inspection, approximately 17.9% of the study area consists of modern disturbances from the existing paved roads, paved and gravel road shoulders, engineered foreslope and backslope for existing roads and drainage ditching, gravel and paved driveways/laneways, and buried utilities and municipal infrastructure (e.g., sewers, pipelines, etc.), as well as adjacent residential and commercial development. Photos 1 to 24 illustrate typical examples of existing disturbance identified throughout the study area.

Based on Ontario Ministry of Natural Resources and Forestry (MNRF) wetland mapping and on the results of the property inspection, approximately 15.7% of the study area is low and permanently wet. Photos 25 to 30 illustrate examples of low and permanently wet areas within the study area.



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The remainder of the study area, approximately 66.4%, consists of manicured lawn, agricultural field, woodlot, and scrubland, or areas which were not specifically examined as part of the Stage 1 property inspection. Photos 31 to 35 illustrate typical examples of the areas noted above.

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## 3.0 ANALYSIS AND CONCLUSIONS

Archaeological potential is established by determining the likelihood that archaeological resources may be present on a subject property. Stantec applied archaeological potential criteria commonly used by the MHSTCI (Government of Ontario 2011) to determine areas of archaeological potential within the region under study. These variables include proximity to previously identified archaeological sites; distance to various types of water sources; soil texture and drainage; glacial geomorphology; elevated topography; and the general topographic variability of the area. However, it is worth noting that extensive land disturbance can eradicate archaeological potential (Government of Ontario 2011).

Potable water is the single most important resource for any extended human occupation or settlement and since water sources in southern Ontario have remained relatively stable over time, proximity to drinkable water is regarded as a useful index for the evaluation of archaeological site potential. In fact, distance to water is one of the most commonly used variables for predictive modeling of archaeological site location in Ontario. Distance to modern or ancient water sources is generally accepted as the most important determinant of past human settlement patterns and considered alone, may result in a determination of archaeological potential. However, any combination of two or more other criteria, such as well-drained soils or topographic variability, may also indicate archaeological potential.

As discussed above, distance to water is an essential factor in archaeological potential modeling. When evaluating distance to water it is important to distinguish between water and shoreline, as well as natural and artificial water sources, as these features affect site locations and types to varying degrees. The MHSTCI categorizes water sources in the following manner:

- Primary water sources: lakes, rivers, streams, creeks.
- Secondary water sources: intermittent streams and creeks, springs, marshes, and swamps.
- Past water sources: glacial lake shorelines, relic river or stream channels, cobble beaches, shorelines of drained lakes or marshes.
- Accessible or inaccessible shorelines: high bluffs, swamp or marshy lake edges, sandbars stretching into marsh.

As stated in Section 1.3.1, numerous primary water sources run near, or through, the study area including Miller Creek (Snelgrove Brook) which crosses the study area, and Chemong Lake which is approximately 80 metres west of the study area. Additionally, the study area crosses several wetlands. Ancient and/or relic tributaries of other primary water sources may have existed but are not identifiable today and are not indicated on historic mapping. Further examination of the study area's natural environment identified pockets of soil suitable for Indigenous and Euro-Canadian agriculture and areas of elevated topography. An examination of the *Ontario Archaeological Sites Database* has shown that there is one registered Indigenous archaeological site within one kilometre of the study area (Government of Ontario 2022a).

Archaeological potential can be extended to areas of early Euro-Canadian settlement, including places of military or pioneer settlements; early transportation routes; and properties listed on the municipal register or designated under the *Ontario Heritage Act* (Government of Ontario 1990a) or property that local histories or informants have identified with possible historical events, activities, or occupations. Historical



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### Analysis and Conclusions

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mapping demonstrates that the study area follows the early municipal road structure of Smith Township, and that a railway and schoolhouses were adjacent to or within close proximity to the study area. Much of the established road and settlement from the early 19<sup>th</sup> century is still visible today.

When the above listed criteria are applied, the study area retains potential for the identification of Indigenous and Euro-Canadian archaeological resources. However, as noted above, extensive and deep land alteration can eradicate archaeological potential. The Stage 1 property inspection confirmed that a portion of the study area, approximately 17.9%, has been subject to extensive land disturbance. The extensive land disturbance noted within the study area includes the municipal road ROWs of Bridge Road (County Road 14), Ward Street (County Road 18), 8<sup>th</sup> Line, Selwyn Road, Holden Road, Merlenour Court, Centre Line, and Buckhorn Road, which have been subject to modern disturbance such as the existing paved and gravel roads, paved and gravel shoulders, engineered foreslope and backslope for existing roads, ditching, gravel and paved driveways/laneways, and buried utilities and municipal infrastructure (e.g., sewers, pipelines, etc.). Additionally, the Stage 1 property inspection, aided by MNRF wetland mapping, confirmed that a portion of the study area, approximately 15.7%, is low and permanently wet. Collectively, these portions of the study area, approximately 32.8%, retain low to no potential for archaeological resources.

The remaining portion of the study area, approximately 66.4%, comprises manicured lawn, agricultural field, woodlot, and scrubland, or areas which were not specifically examined as part of the Stage 1 property inspection. This portion of the study area retains potential for the identification of archaeological resources.



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Recommendations

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### 4.0 RECOMMENDATIONS

The Stage 1 archaeological assessment of the study area for the Project, involving background research and a property inspection, determined that portions of the study area retain potential for the identification and documentation of archaeological resources. In accordance with Section 1.3.1 and Section 7.7.4 of the MHSTCI'S 2011 *Standards and Guidelines for Consultant Archaeologists* (Government of Ontario 2011), **Stage 2 archaeological assessment is required for any portion of the Project's anticipated construction which impacts an area of archaeological potential (Figure 7).**

The objective of Stage 2 archaeological assessment is to document archaeological resources within the portions of the study area still retaining archaeological potential and to determine whether these archaeological resources require further assessment. For portions of the study area accessible for ploughing, the Stage 2 archaeological assessment will pedestrian survey as outlined in Section 2.1.1 of the MHSTCI'S 2011 *Standards and Guidelines for Consultant Archaeologists* (Government of Ontario 2011). The MHSTCI standards require that all agricultural land, both active and inactive, be recently ploughed and sufficiently weathered to improve the visibility of archaeological resources. Ploughing must be deep enough to provide total topsoil exposure, but not deeper than previous ploughing, and must provide at least 80% ground surface visibility.

For portions of the study area retaining archaeological potential that are inaccessible for ploughing, the Stage 2 archaeological assessment will include test pit survey as outlined in Section 2.1.2 of the MHSTCI'S 2011 *Standards and Guidelines for Consultant Archaeologists* (Government of Ontario 2011). The MHSTCI standards require that each test pit be at least 30 centimetres in diameter, excavated to at least five centimetres into subsoil, and have soil screened through six-millimetre hardware cloth to facilitate the recovery of any cultural material that may be present. Prior to backfilling, each test pit will be examined for stratigraphy, cultural features, or evidence of fill.

If the archaeological field team determines any lands to be low and permanently wet, steeply sloped, or disturbed during the course of the Stage 2 field work, those areas will not require survey, but will be photographically documented in accordance with Section 2.1 of the MHSTCI'S 2011 *Standards and Guidelines for Consultant Archaeologists* (Government of Ontario 2011).

It is further recommended that Stage 2 archaeological assessment of the study area for the Project include engagement with interested Indigenous communities. Indigenous engagement practices conducted during the Stage 2 archaeological assessment will be completed in accordance with the MHSTCI'S 2011 *Standards and Guidelines for Consultant Archaeologists* (Government of Ontario 2011) and the MHSTCI's draft technical bulletin on *Engaging Aboriginal Communities in Archaeology*.

The Stage 1 archaeological assessment also determined that portions of the study area retain low to no archaeological potential due to extensive disturbance and permanently low and wet conditions. These portions of the study area retain low to no potential for the identification or recovery of archaeological resources. In accordance with Section 1.3.2 and Section 7.7.4 of the MHSTCI'S 2011 *Standards and Guidelines for Consultant Archaeologists* (Government of Ontario 2011), **Stage 2 archaeological**



## STAGE 1 ARCHAEOLOGICAL ASSESSMENT: SELWYN COMMUNITY EXPANSION PROJECT

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**assessment is not required for any portion of the Project's anticipated construction which impacts an area of low to no archaeological potential (Figure 7).**

The MHSTCI is asked to review the results presented and to accept this report into the *Ontario Public Register of Archaeological Reports*.

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Advice on Compliance with Legislation

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### 5.0 ADVICE ON COMPLIANCE WITH LEGISLATION

*In accordance with Section 7.5.9 of the MHSTCI's 2011 Standards and Guidelines for Consultant Archaeologists (Government of Ontario 2011), the following standard statements are a required component of archaeological reporting and are provided verbatim from the MHSTCI's 2011 Standards and Guidelines for Consultant Archaeologists (Government of Ontario 2011).*

This report is submitted to the Minister of Heritage, Sport, Tourism and Culture Industries as a condition of licensing in accordance with Part VI of the *Ontario Heritage Act*, R.S.O. 1990, c O.18 (Government of Ontario 1990a). The report is reviewed to ensure that it complies with the standards and guidelines that are issued by the Minister, and that the archaeological fieldwork and report recommendations ensure the conservation, protection and preservation of the cultural heritage of Ontario. When all matters relating to archaeological sites within the study area of a development proposal have been addressed to the satisfaction of the MHSTCI, a letter will be issued by the ministry stating that there are no further concerns with regard to alterations to archaeological sites by the proposed development.

It is an offence under Sections 48 and 69 of the *Ontario Heritage Act* (Government of Ontario 1990a) for any party other than a licensed archaeologist to make any alteration to a known archaeological site or to remove any artifact or other physical evidence of past human use or activity from the site, until such time as a licensed archaeologist has completed fieldwork on the site, submitted a report to the Minister stating that the site has no further cultural heritage value or interest, and the report has been filed in the *Ontario Public Register of Archaeological Reports* referred to in Section 65.1 of the *Ontario Heritage Act* (Government of Ontario 1990a)

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* (Government of Ontario 1990a) The proponent or person discovering the archaeological resources must cease alteration of the site immediately and engage a licensed consultant archaeologist to carry out archaeological fieldwork, in compliance with Section 48(1) of the *Ontario Heritage Act* (Government of Ontario 1990a)

The *Funeral, Burial and Cremation Services Act*, 2002, S.O. 2002, c.33 (Government of Ontario 2002), requires that any person discovering or having knowledge of a burial site shall immediately notify the police or coroner. It is recommended that the Registrar of Cemeteries at the Ministry of Government and Consumer Services is also immediately notified.

Archaeological sites recommended for further archaeological fieldwork remain subject to Section 48(1) of the *Ontario Heritage Act* (Government of Ontario 1990b) and may not be altered, or have artifacts removed, except by a person holding an archaeological license.



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Images  
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## 7.0 IMAGES

### 7.1 PHOTOGRAPHS

**Photo 1: View of disturbed municipal road ROW, facing north**



**Photo 2: View of disturbed asphalt parking lot and building, facing southeast**



**Photo 3: View of disturbed municipal road ROW, facing northeast**



**Photo 4: View of disturbed municipal road ROW, facing southeast**



**STAGE 1 ARCHAEOLOGICAL ASSESSMENT: SELWYN COMMUNITY EXPANSION PROJECT**

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**Photo 5: View of disturbed municipal road ROW, facing southwest**



**Photo 6: View of disturbed municipal road ROW, facing southwest**



**Photo 7: View of disturbed municipal road ROW, facing northwest**



**Photo 8: View of disturbed municipal road ROW, facing northwest**





**STAGE 1 ARCHAEOLOGICAL ASSESSMENT: SELWYN COMMUNITY EXPANSION PROJECT**

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**Photo 9: View of disturbed municipal road ROW and residential development, facing northeast**



**Photo 10: View of disturbed municipal road ROW, facing northeast**



**Photo 11: View of disturbed municipal road ROW, facing southwest**



**Photo 12: View of disturbed municipal road ROW, facing southwest**





**STAGE 1 ARCHAEOLOGICAL ASSESSMENT: SELWYN COMMUNITY EXPANSION PROJECT**

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**Photo 13: View of disturbed municipal road ROW, facing southeast**



**Photo 14: View of disturbed municipal road ROW and commercial development, facing northwest**



**Photo 15: View of disturbed commercial development, facing southwest**



**Photo 16: View of disturbed municipal road ROW and commercial development, facing northeast**



**STAGE 1 ARCHAEOLOGICAL ASSESSMENT: SELWYN COMMUNITY EXPANSION PROJECT**

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**Photo 17: View of disturbed municipal road ROW, facing southwest**



**Photo 18: View of disturbed municipal road ROW and commercial development, facing northeast**



**Photo 19: View of disturbed municipal road ROW, facing southwest**



**Photo 20: View of disturbed municipal road ROW, facing northeast**





**STAGE 1 ARCHAEOLOGICAL ASSESSMENT: SELWYN COMMUNITY EXPANSION PROJECT**

Images  
March 24, 2022

**Photo 21: View of disturbed municipal road ROW, facing southwest**



**Photo 22: View of disturbed commercial development, facing southwest**



**Photo 23: View of disturbed municipal ROW and commercial development, facing north**



**Photo 24: View of disturbed municipal road ROW, facing southeast**



**STAGE 1 ARCHAEOLOGICAL ASSESSMENT: SELWYN COMMUNITY EXPANSION PROJECT**

Images  
March 24, 2022

**Photo 25: View of permanently low and wet area, facing south**



**Photo 26: View of permanently low and wet area, facing north**



**Photo 27: View of permanently low and wet area, facing northwest**



**Photo 28: View of permanently low and wet area, facing southeast**





**STAGE 1 ARCHAEOLOGICAL ASSESSMENT: SELWYN COMMUNITY EXPANSION PROJECT**

Images

March 24, 2022

**Photo 29: View of permanently low and wet area, facing west**



**Photo 30: View of permanently low and wet area, facing southwest**



**Photo 31: View of agricultural field, facing west**



**Photo 32: View of agricultural field, facing northwest**



**STAGE 1 ARCHAEOLOGICAL ASSESSMENT: SELWYN COMMUNITY EXPANSION PROJECT**

Images

March 24, 2022

**Photo 33: View of woodlot, facing southwest**



**Photo 34: View of scrubland, facing northwest**



**Photo 35: View of manicured lawn, facing southwest**



Maps  
March 24, 2022

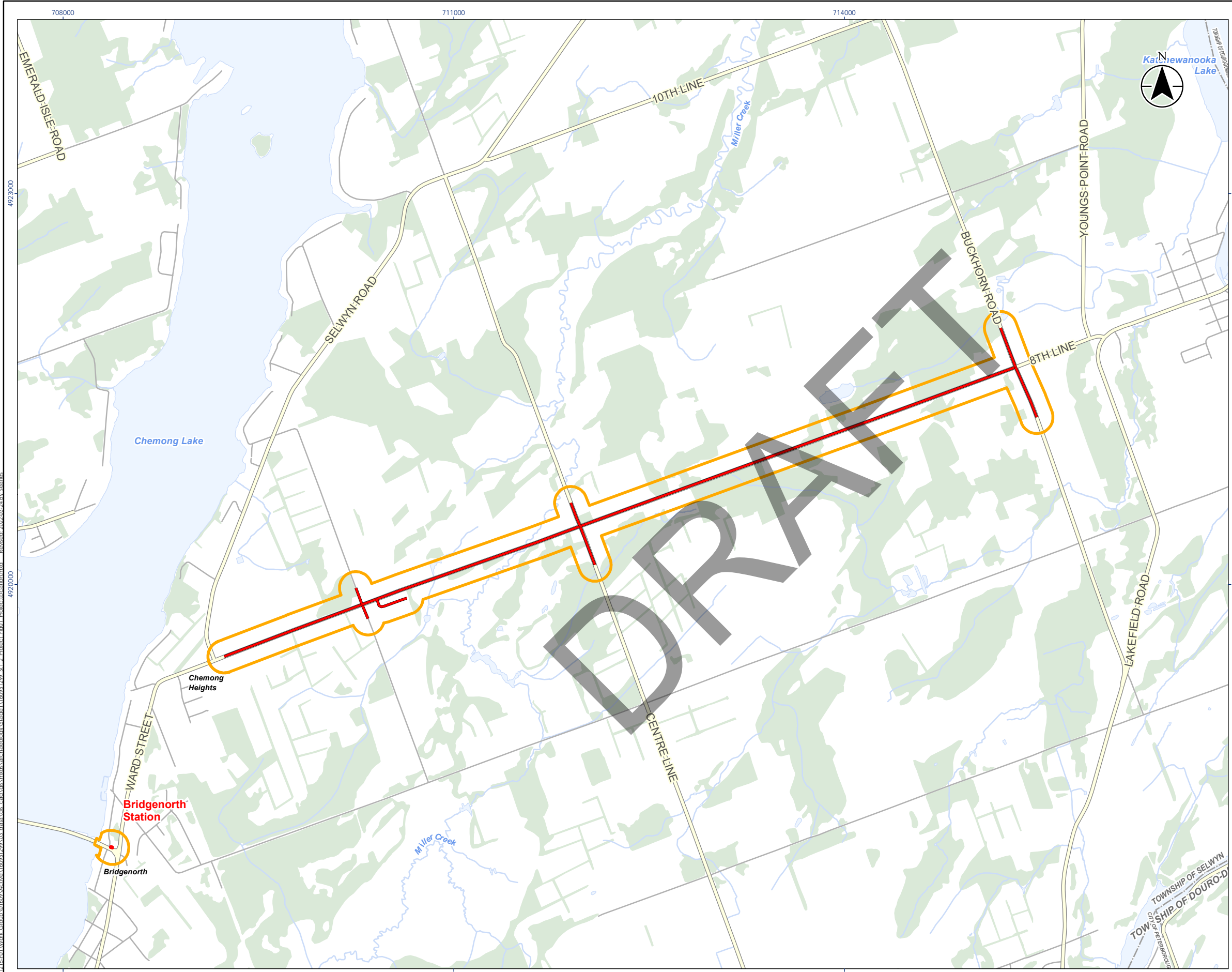
## **8.0 MAPS**

General maps of the study area will follow on succeeding pages.

DRAFT

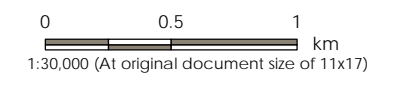




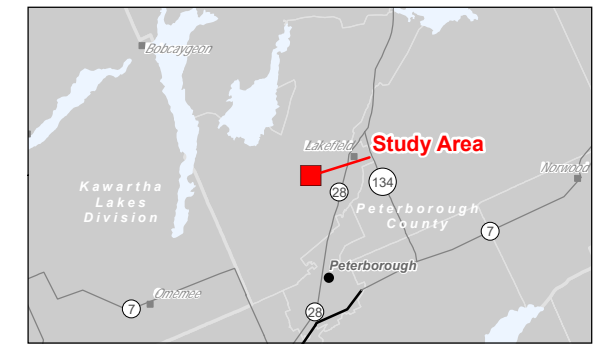


**Legend**

- Proposed Route
- Bridgenorth Station
- Study Area
- Major Road
- Minor Road
- Watercourse
- Municipal Boundary, Lower
- Waterbody
- Wooded Area



- Notes**
1. Coordinate System: NAD 1983 UTM Zone 17N
  2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2022.



Project Location: 160951299 REVA  
 County of Peterborough  
 Prepared by KB on 2022-03-24  
 Technical Review by SE on 2022-01-28

Client/Project: ENBRIDGE GAS INC.  
 SELWYN COMMUNITY EXPANSION PROJECT  
 STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.: 1  
 Title: Location of Project



\\CD\1215\201\Work\_Group\0160951299\_03\_data\ok\_cad\ok\_musk\archaeology\Stantec\160951299\_S1\_2\_Project\_LP001\_ProjectLocation.mxd - Revised: 2022-03-24 By: stantec

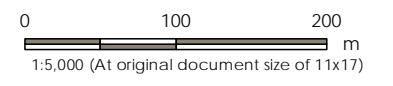


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Legend

-  Bridgenorth Station
-  Study Area



- Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
  2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2022.
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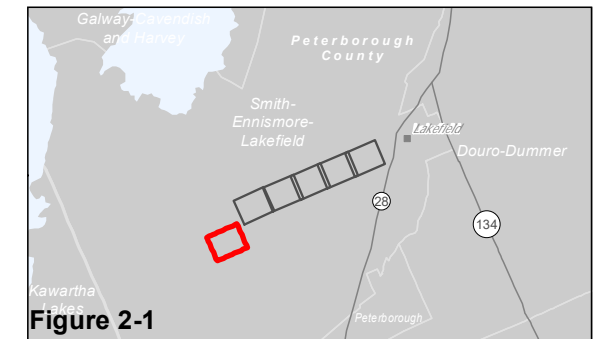


Figure 2-1

Project Location	160951299 REVA
County of	Peterborough
	Prepared by KB on 2022-03-24
	Technical Review by SE on 2022-01-28

Client/Project  
 ENBRIDGE GAS INC.  
 SELWYN COMMUNITY EXPANSION PROJECT  
 STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.  
 2-1

Title  
 Location of Study Area  
 Bridgenorth Station

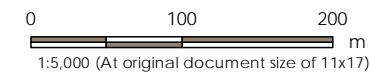


Chemong Lake

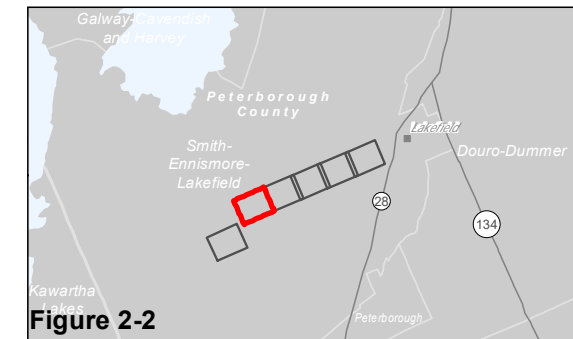


Legend

- Proposed Route
- Study Area
- Watercourse



- Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
  2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2022.
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**Figure 2-2**

Project Location: 160951299 REVA  
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 Technical Review by SE on 2022-01-28

Client/Project: ENBRIDGE GAS INC.  
 SELWYN COMMUNITY EXPANSION PROJECT  
 STAGE 1 ARCHAEOLOGICAL ASSESSMENT

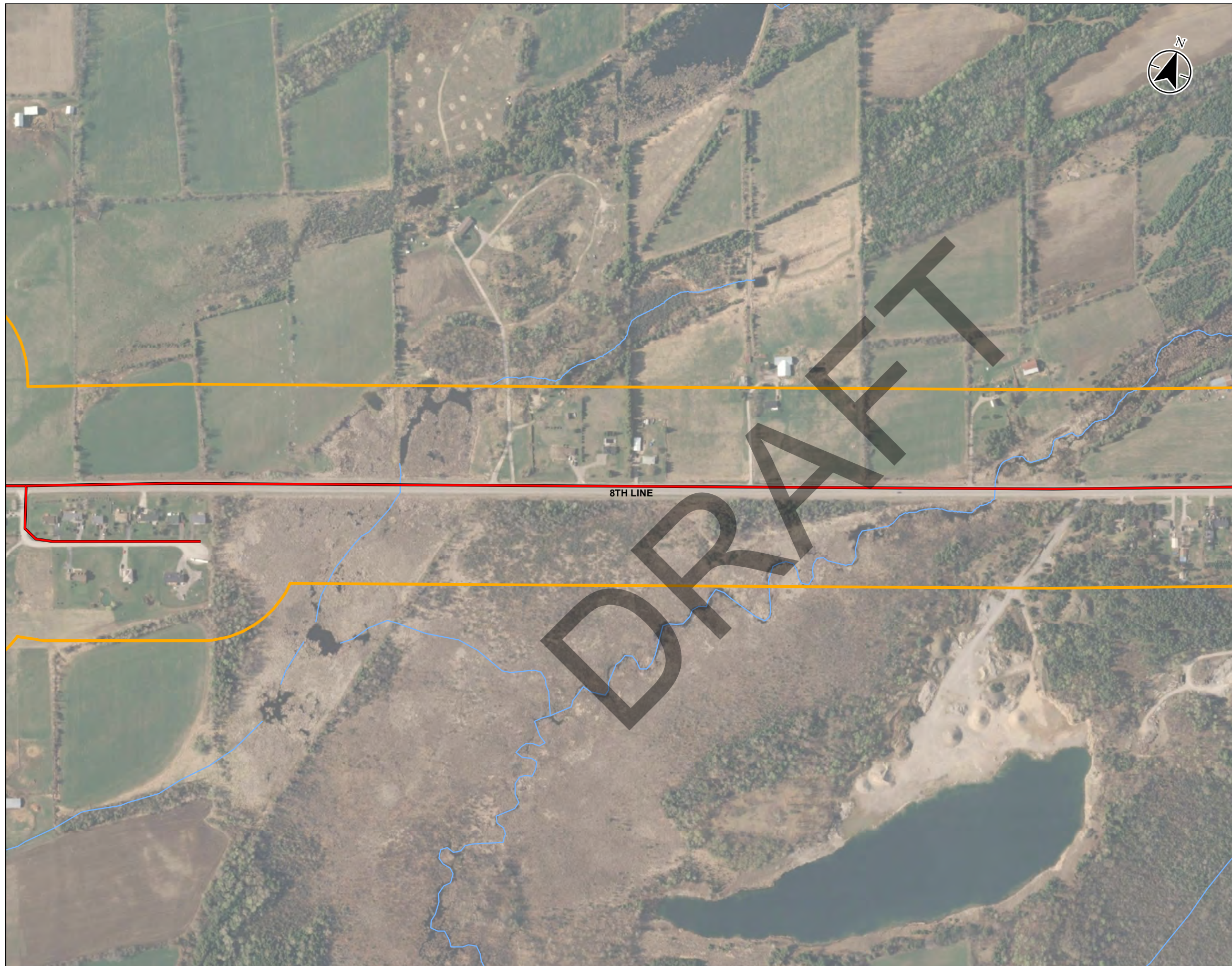
Figure No.: 2-2

Title: Location of Study Area

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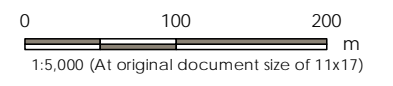


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Legend

- Proposed Route
- Study Area
- Watercourse



- Notes
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  2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2022.
  3. Orthoimagery © First Base Solutions, 2022. Imagery Date, 2008.

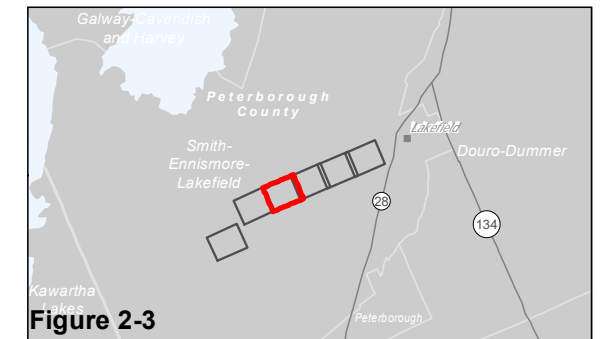


Figure 2-3

Project Location	160951299 REVA
County of	Prepared by KB on 2022-03-24
Peterborough	Technical Review by SE on 2022-01-28

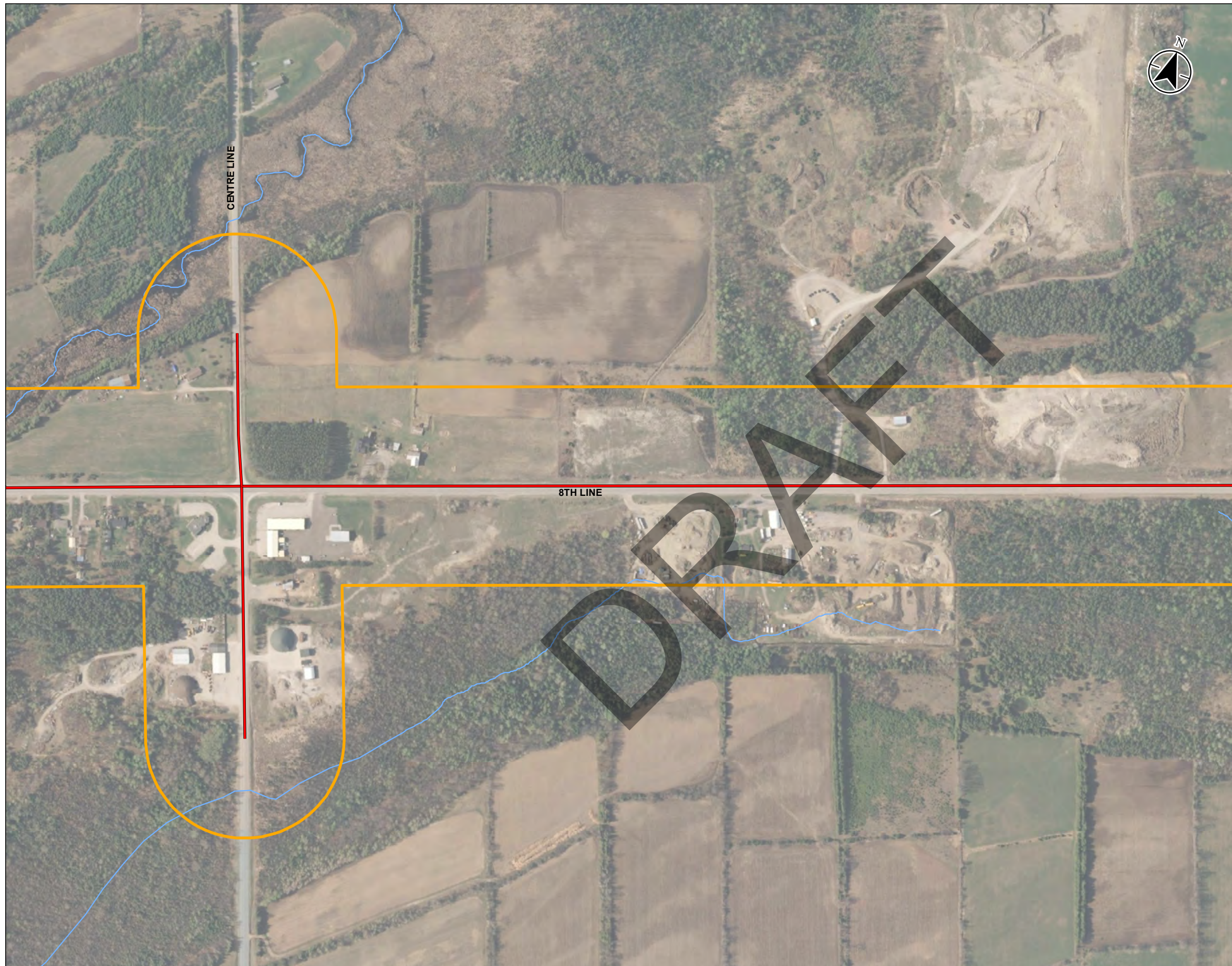
Client/Project  
 ENBRIDGE GAS INC.  
 SELWYN COMMUNITY EXPANSION PROJECT  
 STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.  
 2-3

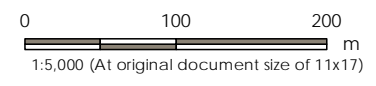
Title  
 Location of Study Area



\\CD\2151\01\Work\_Group\01609\Active\160951299\_S1\_2\_Project\_E002\_ProjectLocation\_Mapbook.mxd Revised: 2022-03-24 By: seandis



- Legend
- Proposed Route
  - Study Area
  - Watercourse



- Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
  2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2022.
  3. Orthoimagery © First Base Solutions, 2022. Imagery Date, 2008.

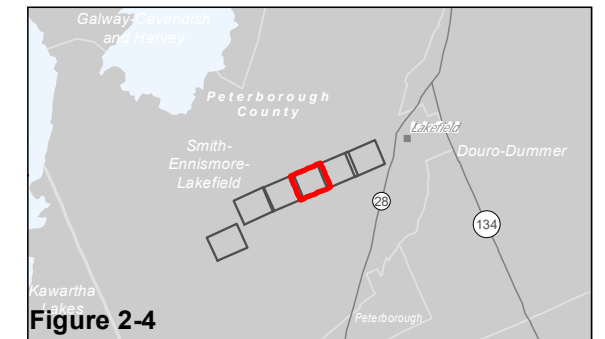


Figure 2-4

Project Location	160951299 REVA
County of	Prepared by KB on 2022-03-24
Peterborough	Technical Review by SE on 2022-01-28

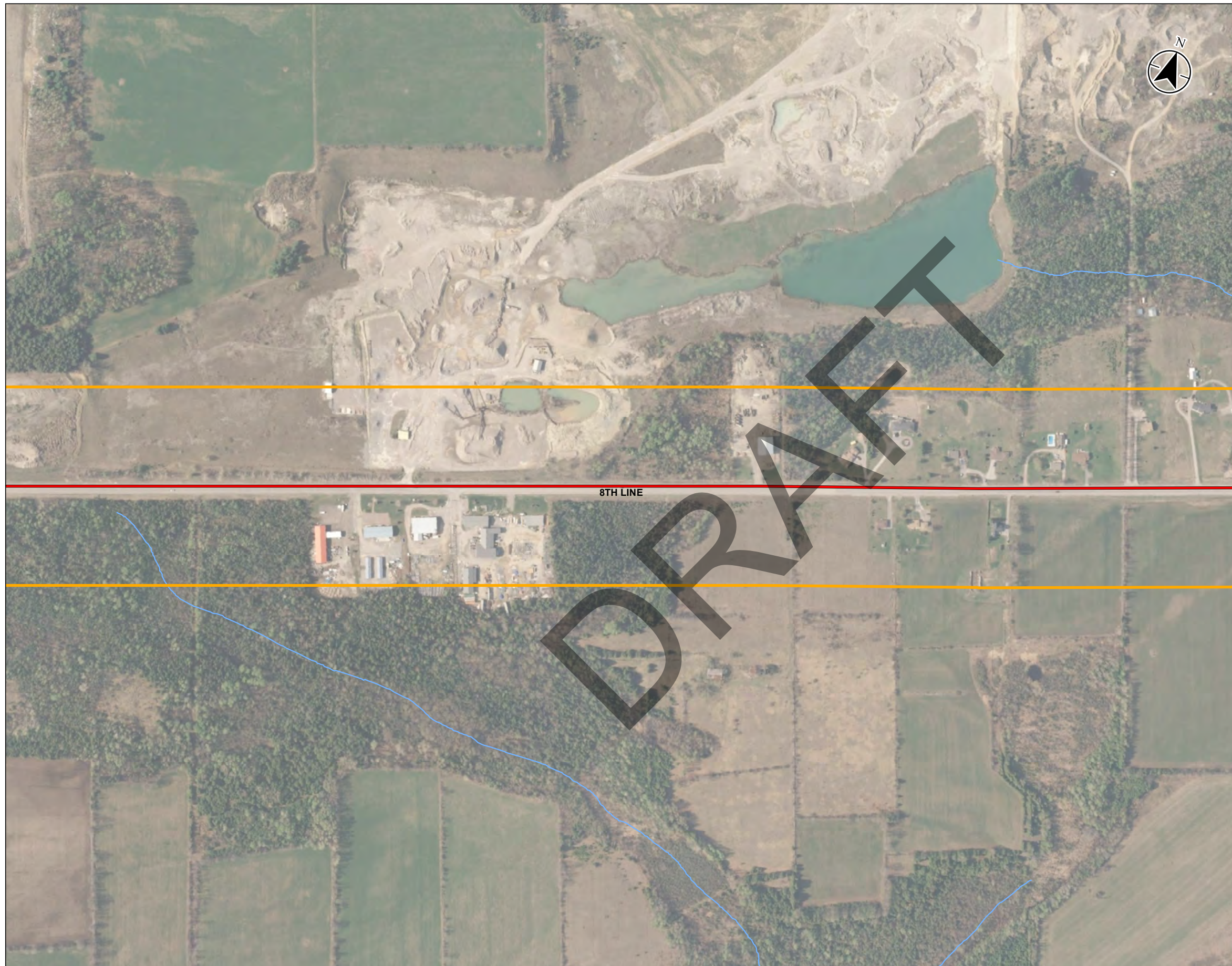
Client/Project  
 ENBRIDGE GAS INC.  
 SELWYN COMMUNITY EXPANSION PROJECT  
 STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.  
 2-4




Title  
 Location of Study Area

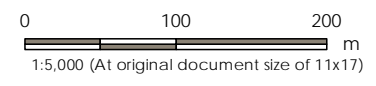


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Legend

-  Proposed Route
-  Study Area
-  Watercourse



- Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
  2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2022.
  3. Orthoimagery © First Base Solutions, 2022. Imagery Date, 2008.

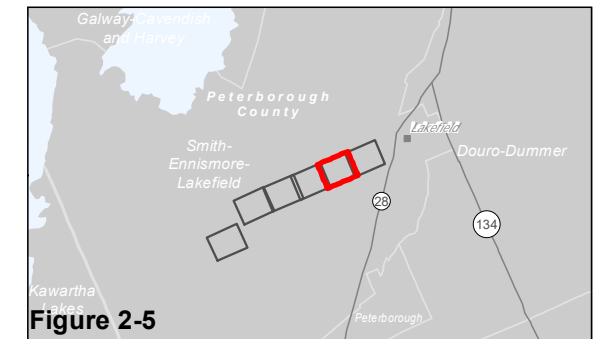


Figure 2-5

Project Location	160951299 REVA
County of	Prepared by KB on 2022-03-24
Peterborough	Technical Review by SE on 2022-01-28

Client/Project  
 ENBRIDGE GAS INC.  
 SELWYN COMMUNITY EXPANSION PROJECT  
 STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.  
 2-5

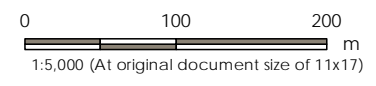
Title  
 Location of Study Area



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- Legend
- Proposed Route
  - Study Area
  - Watercourse



- Notes
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  2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2022.
  3. Orthomagery © First Base Solutions, 2022. Imagery Date, 2008.

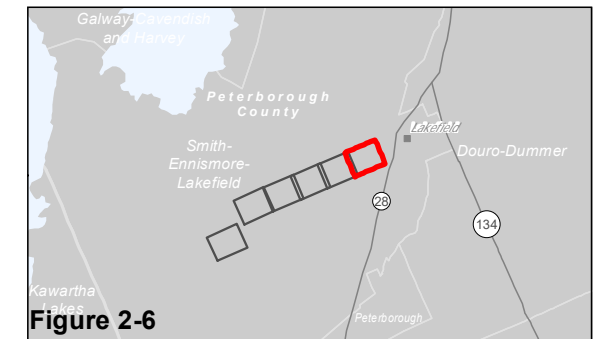


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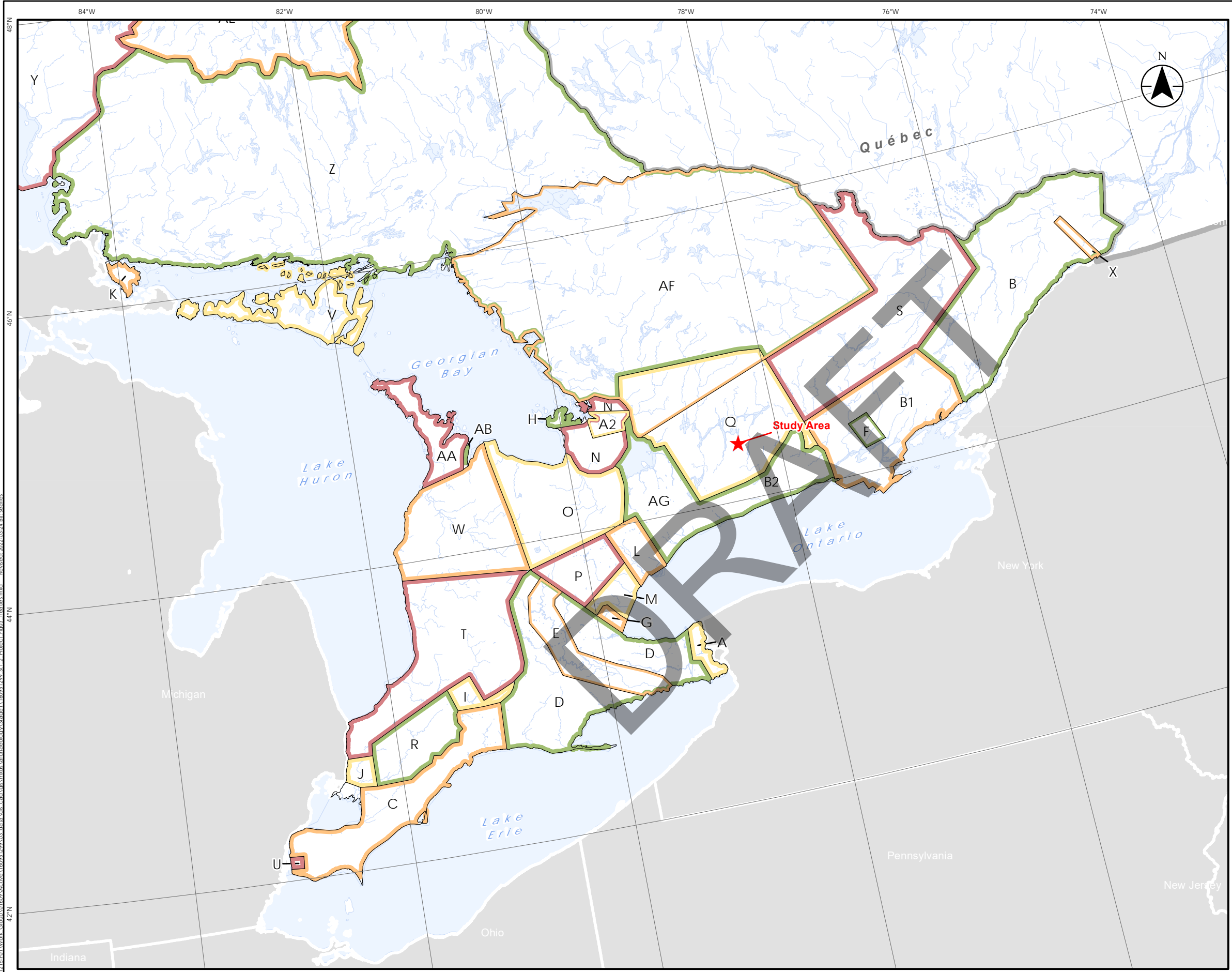
Project Location	160951299 REVA
County of	Prepared by KB on 2022-03-24
Peterborough	Technical Review by SE on 2022-01-28

Client/Project  
 ENBRIDGE GAS INC.  
 SELWYN COMMUNITY EXPANSION PROJECT  
 STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.  
 2-6

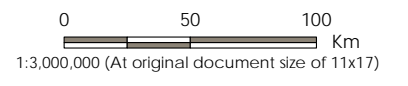
Title  
 Location of Study Area





**Legend**

- ★ Study Area
- Waterbody
- A** Treaty No. 381, May 9th, 1781 (Mississauga and Chippewa)
- AA** Treaty No. 72, October 30th, 1854 (Chippewa)
- AB** Treaty No. 82, February 9th, 1857 (Chippewa)
- AE** Treaty No. 9, James Bay 1905, 1906 (Ojibway and Cree)
- AF** Williams Treaty, October 31st and November 15th, 1923 (Chippewa and Mississauga)
- AG** Williams Treaty, October 31st, 1923 (Chippewa)
- A2** John Collins' Purchase, 1785 (Chippewa)
- B** Crawford's Purchase, October 9th, 1783 (Algonquin and Iroquois)
- B1** Crawford's Purchase, October 9th, 1783 (Mississauga)
- B2** Crawford's Purchase, 1783, 1787, 1788 (Mississauga)
- C** Treaty No. 2, May 19th, 1790 (Odawa, Chippewa, Pottawatomi, and Huron)
- D** Treaty No. 3, December 2nd, 1792 (Mississauga)
- E** Haldimand Tract: from the Crown to the Mohawk, 1793
- F** Tyndinaga: from the Crown to the Mohawk, 1793
- G** Treaty No. 3 3/4: from the Crown to Joseph Brant, October 24th, 1795
- H** Treaty No. 5, May 22nd, 1798 (Chippewa)
- I** Treaty No. 6, September 7th, 1796 (Chippewa)
- J** Treaty No. 7, September 7th, 1796 (Chippewa)
- K** Treaty No. 11, June 30th, 1798 (Chippewa)
- L** Treaty No. 13, August 1st, 1805 (Mississauga)
- M** Treaty No. 13A, August 2nd, 1805 (Mississauga)
- N** Treaty No. 16, November 18th, 1815 (Chippewa)
- O** Treaty No. 18, October 17th, 1818 (Chippewa)
- P** Treaty No. 19, October 28th 1818 (Chippewa)
- Q** Treaty No. 20, November 5th, 1818 (Chippewa)
- R** Treaty No. 21, March 9th, 1819 (Chippewa)
- S** Treaty No. 27, May 31st, 1819 (Mississauga)
- T** Treaty No. 27 1/2, April 25th, 1825 (Ojibwa and Chippewa)
- U** Treaty No. 35, August 13th, 1833 (Wyandot or Huron)
- V** Treaty No. 45, August 9th, 1836 (Chippewa and Odawa, "For All Indians To Reside Thereon")
- W** Treaty No. 45 1/2, August 9th, 1836 (Saugeen)
- X** Treaty No. 57, June 1st, 1847 (Iroquois of St. Regis)
- Y** Treaty No. 60, Robinson, Superior, September 7th, 1850 (Ojibwa)
- Z** Treaty No. 61, Robinson, Huron, September 9th, 1850 (Ojibwa)



- Notes**
1. Coordinate System: NAD 1983 Statistics Canada Lambert
  2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2022.
  3. Treaty boundaries adapted from Morris 1943 (1964 reprint). For cartographic representation only.

Project Location: 160951299 REVA  
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 Technical Review by SE on 2022-01-31

Client/Project: ENBRIDGE GAS INC.  
 SELWYN COMMUNITY EXPANSION PROJECT  
 STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.: 3  
 Title: Treaties and Purchases (Adapted from Morris 1943)

\\C:\D1215\201\Work\_Group\01609\Active\160951299\03\_data\03\_cad\03\_mxd\archaeology\State\160951299\_S1\_2\_Project\_Fig03\_Leaflet.mxd - Rowend: 2022-03-24 By: searfas



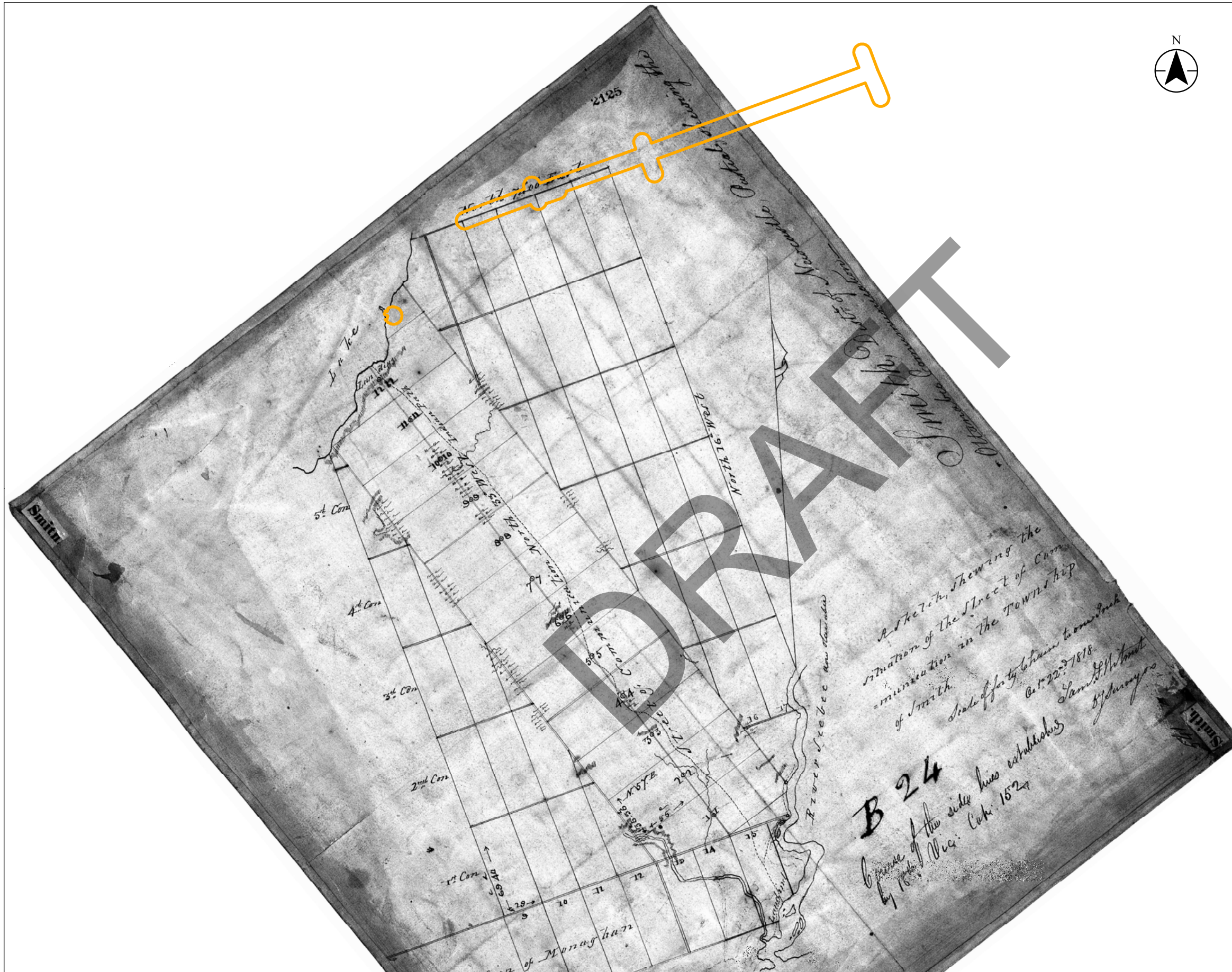
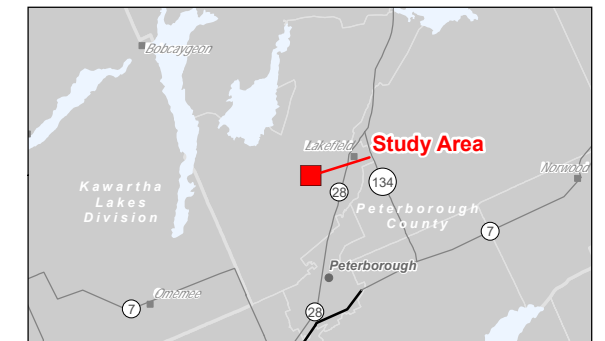


Figure Not to Scale

Notes  
 1. Reference: Wilmot, Samuel. 1818a. Survey Plan of Smith, District of Newcastle, Partial, showing the Otonabee Communication. Survey Plan B24. Map on file with Crown Land Surveys, Office of the Surveyor General, Ministry of Natural Resources and Forestry, Peterborough.



Project Location: 160951299 REVA  
 County of Peterborough Prepared by KB on 2022-03-24  
 Technical Review by SE on 2022-01-27

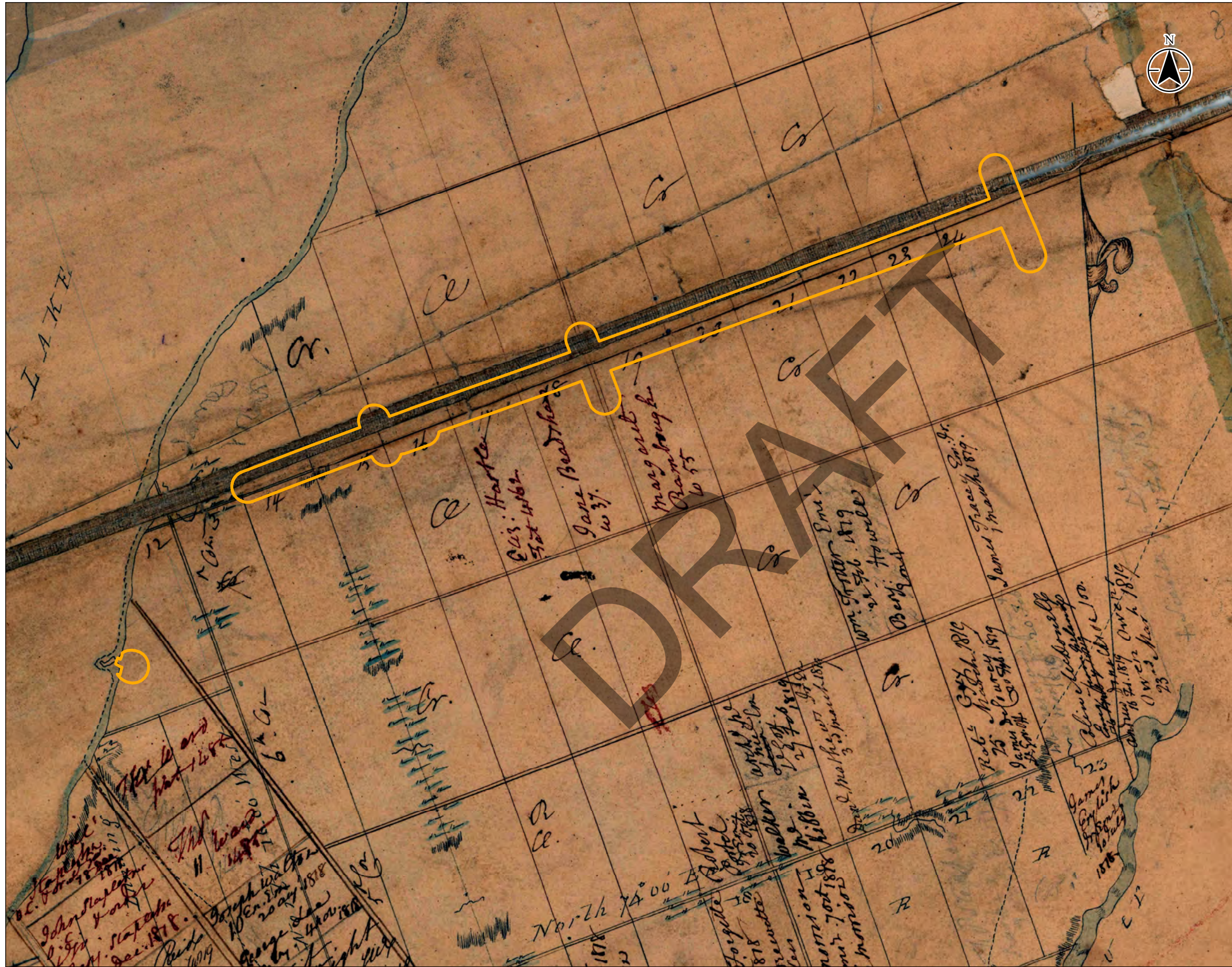
Client/Project: ENBRIDGE GAS INC.  
 SELWYN COMMUNITY EXPANSION PROJECT  
 STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.: 4

Title: 1818 Survey Plan of the Communication Road Area of Smith Township



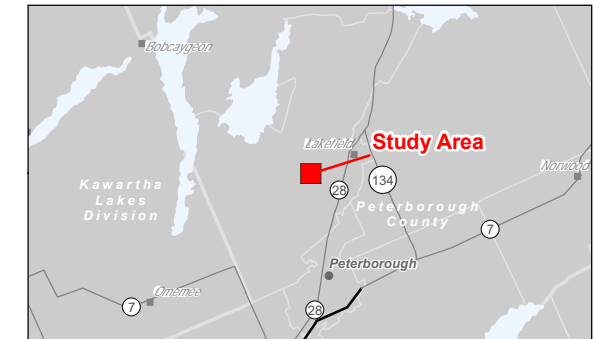
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Legend  
Study Area

Figure Not to Scale

Notes  
1. Ref: Wilnot, Samuel. 1818b. Survey Plan of Smith, District of Newcastle. Survey Plan A15. Map on file with Crown Land Surveys, Office of the Surveyor General, Ministry of Natural Resources and Forestry, Peterborough.



Project Location 160951299 REVA  
County of Peterborough Prepared by KB on 2022-03-24  
Technical Review by SE on 2022-01-27

Client/Project  
ENBRIDGE GAS INC.  
SELWYN COMMUNITY EXPANSION PROJECT  
STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.  
5

Title  
Portion of the 1818 Survey Plan of Smith Township

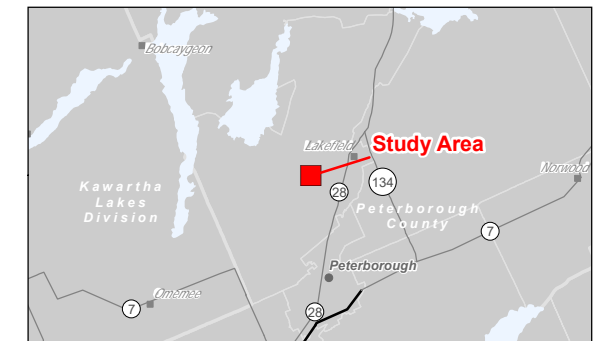




Legend  
 Study Area

Figure Not to Scale

Notes  
 1. Reference: Miles & Co. 1879. Historical Atlas of the County of Peterborough.  
 Toronto: Miles & Co.



Project Location 160951299 REVA  
 County of Peterborough Prepared by KB on 2022-03-24  
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 SELWYN COMMUNITY EXPANSION PROJECT  
 STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.  
 6

Title  
 Portion of the 1979 Historical Map of Smith  
 Township



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Legend

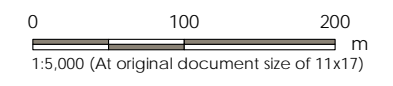
Photo Location and Direction

Study Area

Assessment Method

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

Archaeological Potential - Stage 2 Required



Notes

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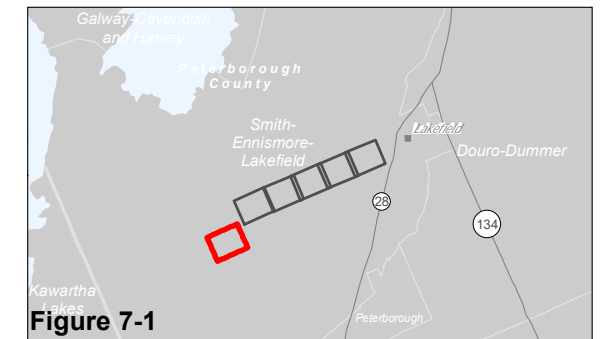


Figure 7-1

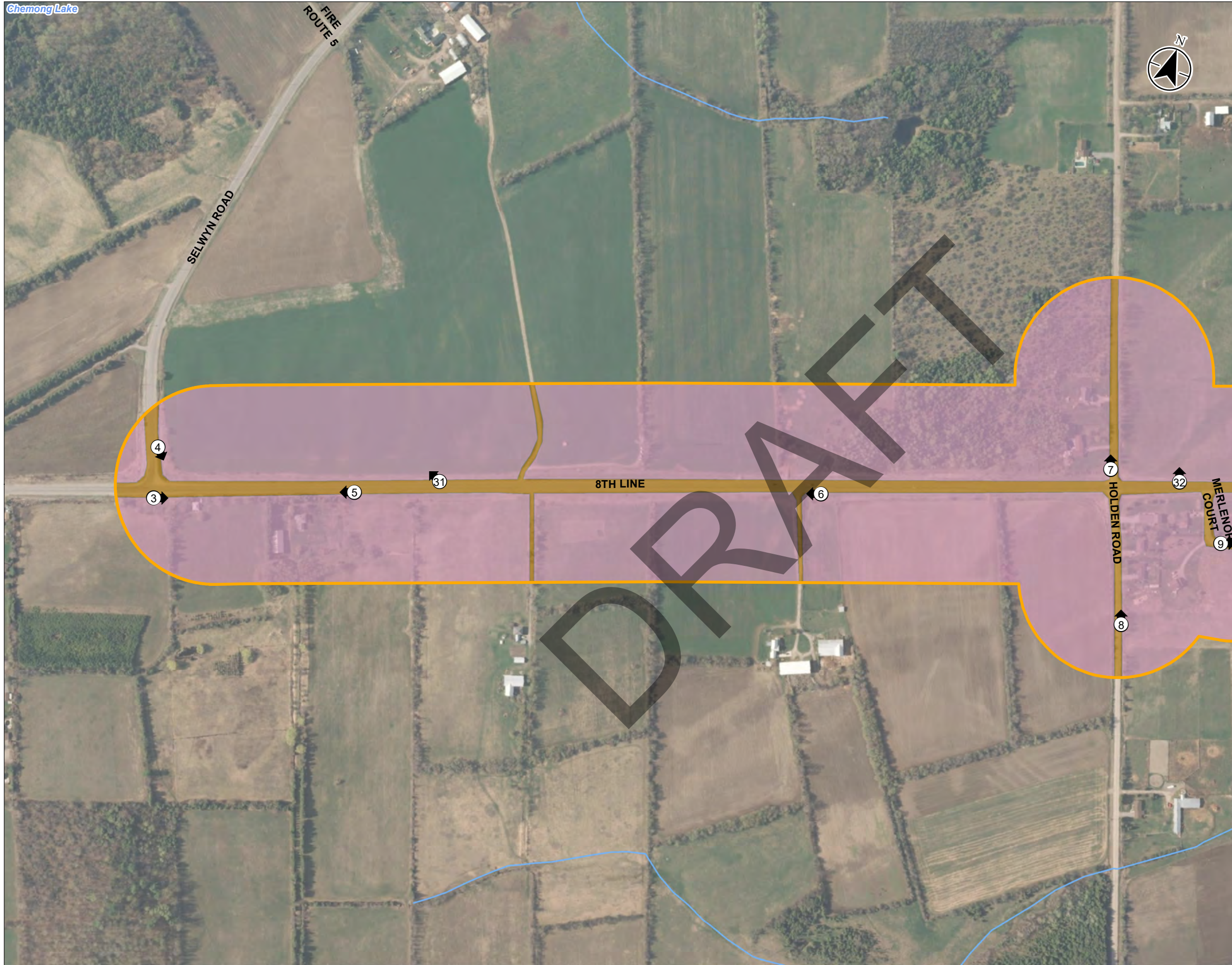
Project Location	160951299 REVA
County of	Peterborough
Peterborough	Prepared by KB on 2022-03-24
	Technical Review by SE on 2022-01-28

Client/Project  
 ENBRIDGE GAS INC.  
 SELWYN COMMUNITY EXPANSION PROJECT  
 STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.  
 7-1

Title  
 Archaeological Potential  
 Bridgenorth Station





Legend

Photo Location and Direction

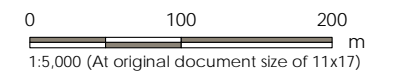
Study Area

Watercourse

Assessment Method

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

Archaeological Potential - Stage 2 Required



Notes

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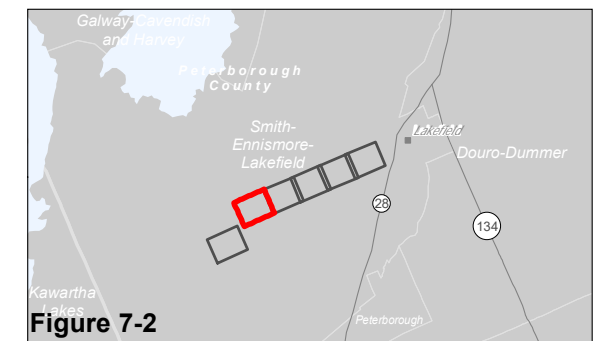


Figure 7-2

Project Location: 160951299 REVA  
 County of Peterborough  
 Prepared by KB on 2022-03-24  
 Technical Review by SE on 2022-01-28

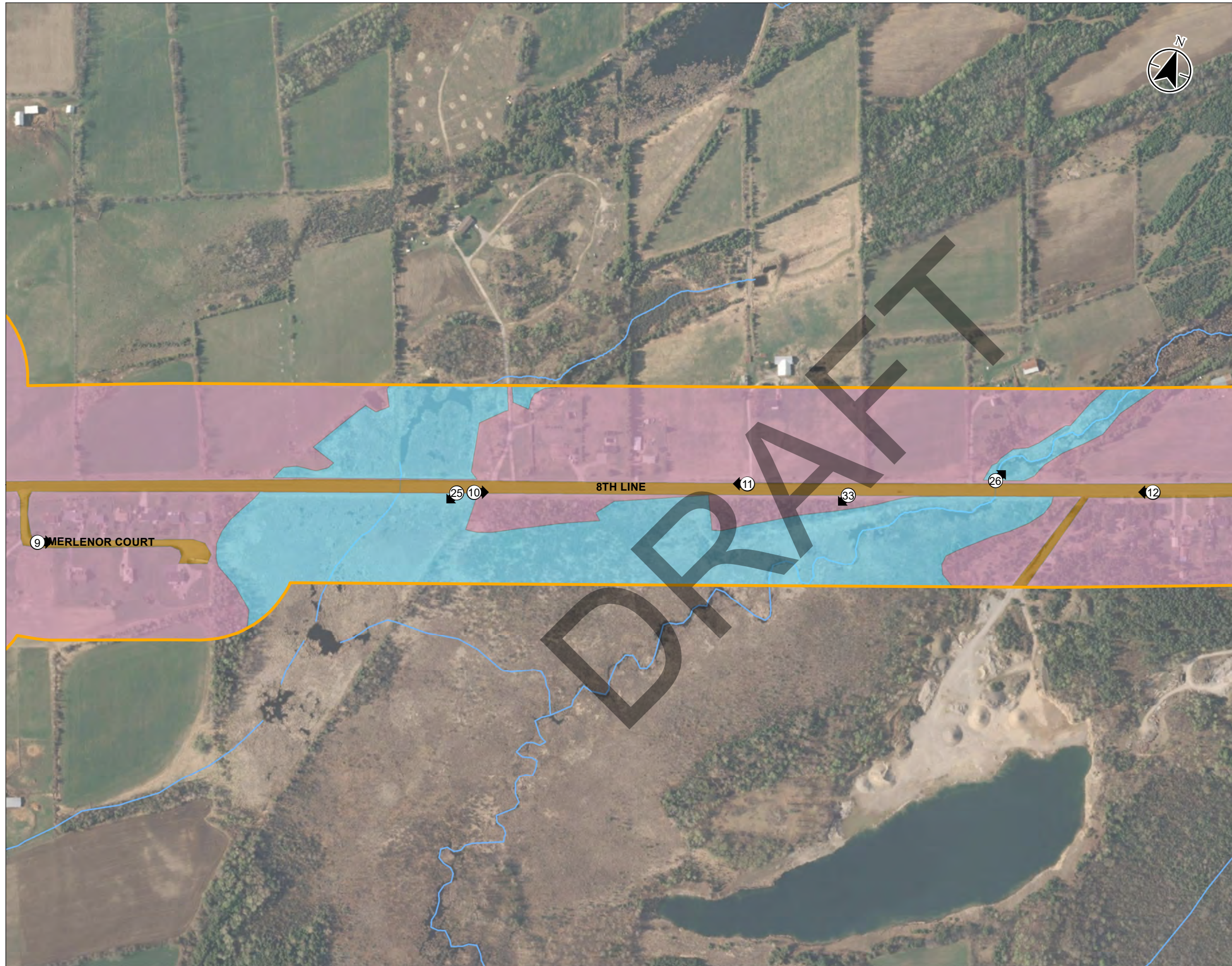
Client/Project: ENBRIDGE GAS INC.  
 SELWYN COMMUNITY EXPANSION PROJECT  
 STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.: 7-2

Title: Archaeological Potential



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Legend

Photo Location and Direction

Study Area

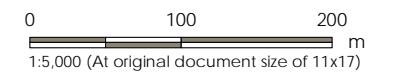
Watercourse

Assessment Method

Low and Permanently Wet Area, Low to No Archaeological Potential - No Further Archaeological Work Required

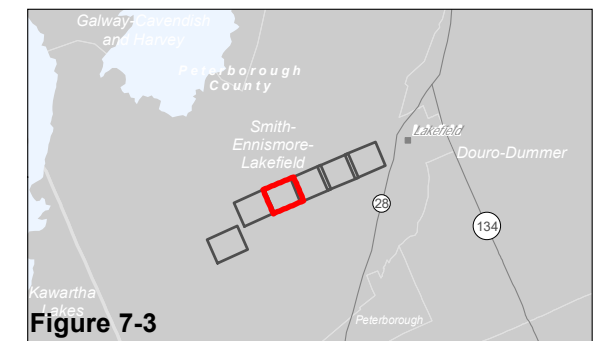
Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

Archaeological Potential - Stage 2 Required



Notes

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County of	Peterborough
Peterborough	Prepared by KB on 2022-03-24
	Technical Review by SE on 2022-01-28

Client/Project  
 ENBRIDGE GAS INC.  
 SELWYN COMMUNITY EXPANSION PROJECT  
 STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.

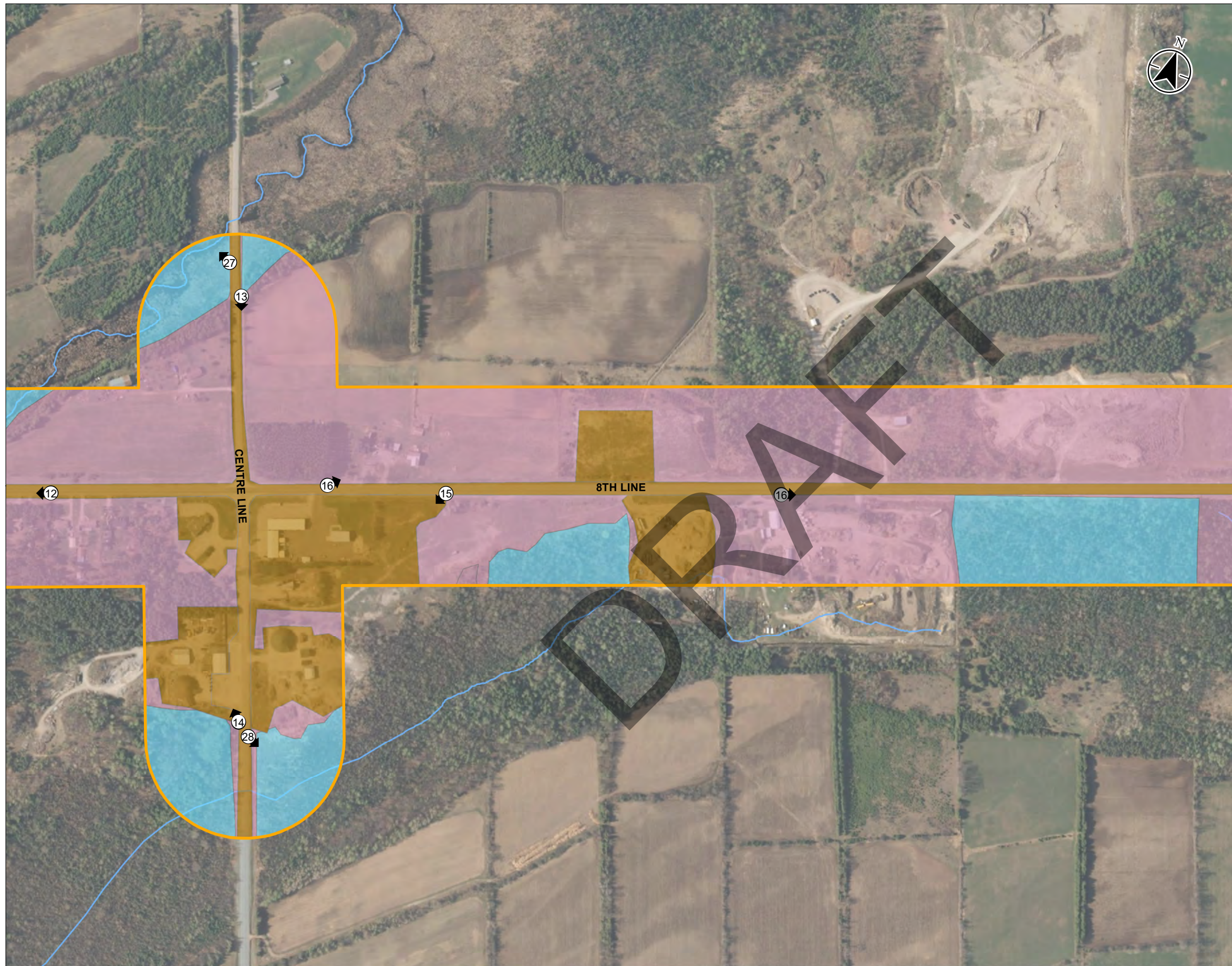
7-3

Title

Archaeological Potential



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Legend

Photo Location and Direction

Study Area

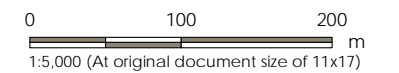
Watercourse

Assessment Method

Low and Permanently Wet Area, Low to No Archaeological Potential - No Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

Archaeological Potential - Stage 2 Required



Notes

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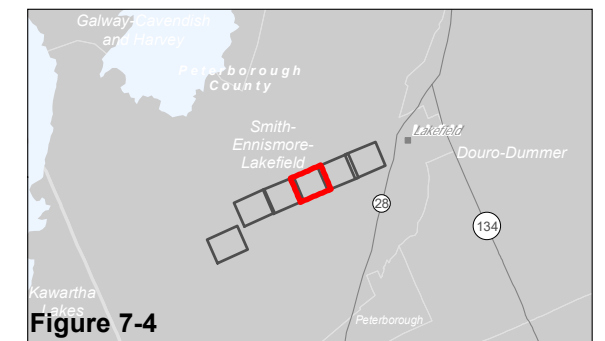


Figure 7-4

Project Location	160951299 REVA
County of	Prepared by KB on 2022-03-24
Peterborough	Technical Review by SE on 2022-01-28

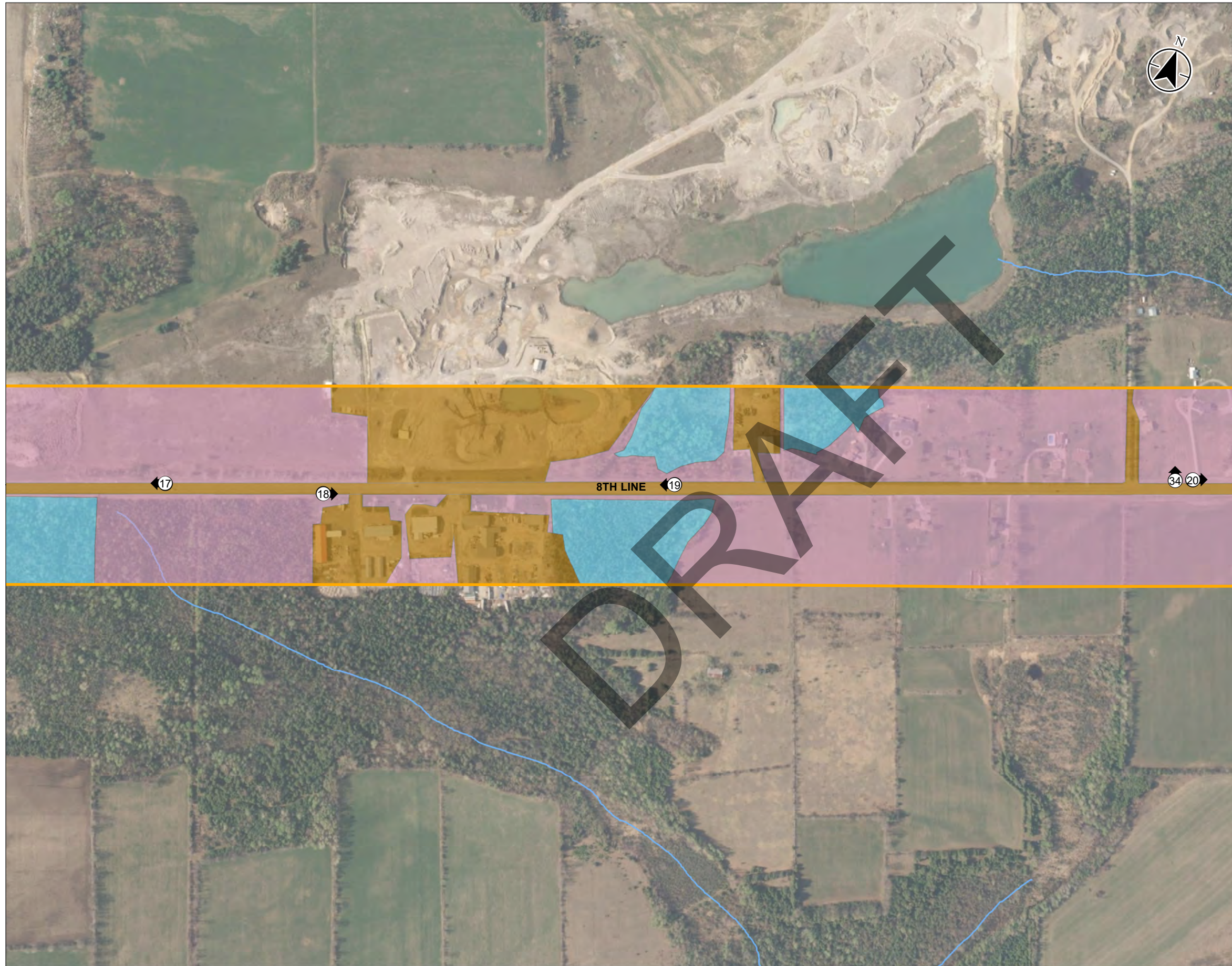
Client/Project  
 ENBRIDGE GAS INC.  
 SELWYN COMMUNITY EXPANSION PROJECT  
 STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.  
 7-4

Title  
 Archaeological Potential



\\CD02151201\Work\_Group\01609\Active\160951299\_S1\_2\_Project\_E007\_Methods\_Results.mxd Revised: 2022-03-24 By: seniles



Legend

Photo Location and Direction

Study Area

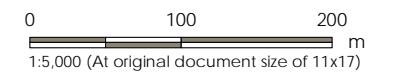
Watercourse

Assessment Method

Low and Permanently Wet Area, Low to No Archaeological Potential - No Further Archaeological Work Required

Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

Archaeological Potential - Stage 2 Required



Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2022.
3. Orthoimagery © First Base Solutions, 2022. Imagery Date, 2008.

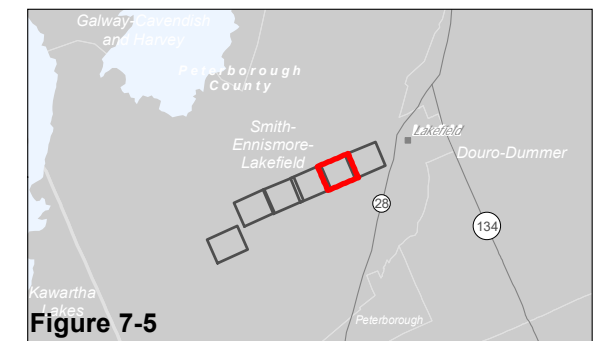


Figure 7-5

Project Location: 160951299 REVA  
 County of Peterborough Prepared by KB on 2022-03-24  
 Technical Review by SE on 2022-01-28

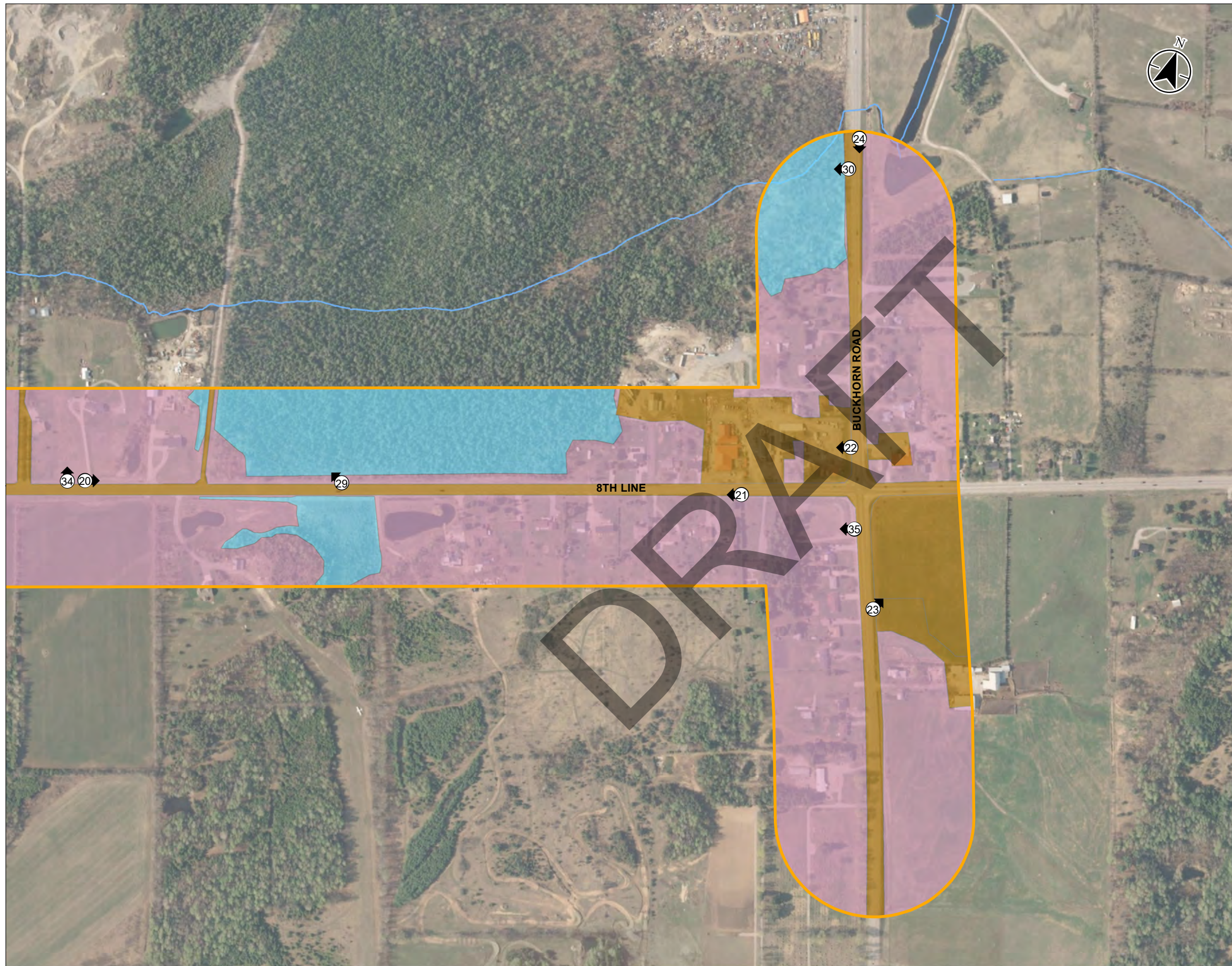
Client/Project: ENBRIDGE GAS INC.  
 SELWYN COMMUNITY EXPANSION PROJECT  
 STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.: 7-5

Title: Archaeological Potential



\\CD\215-201\Work\_Group\01609-Active\160951299-03\_data\03\_cad\03\_mxd\archaeo\03\Stage1\160951299\_S1\_2\_Project\_E007\_Methods\_Results.mxd Revised: 2022-03-24 By: searles



Legend

📍 Photo Location and Direction

🟠 Study Area

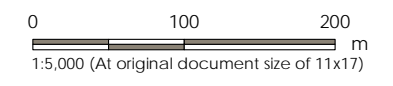
🟦 Watercourse

Assessment Method

🟦 Low and Permanently Wet Area, Low to No Archaeological Potential - No Further Archaeological Work Required

🟡 Previously Disturbed, Low to No Archaeological Potential - No Further Archaeological Work Required

🟪 Archaeological Potential - Stage 2 Required



- Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
  2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2022.
  3. Orthoimagery © First Base Solutions, 2022. Imagery Date, 2008.

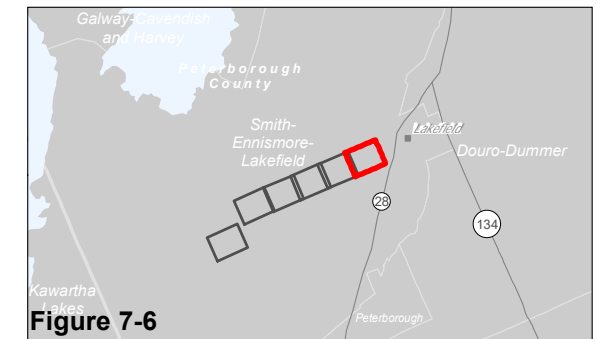


Figure 7-6

Project Location	160951299 REVA
County of	Peterborough
	Prepared by KB on 2022-03-24
	Technical Review by SE on 2022-01-28

Client/Project  
 ENBRIDGE GAS INC.  
 SELWYN COMMUNITY EXPANSION PROJECT  
 STAGE 1 ARCHAEOLOGICAL ASSESSMENT

Figure No.  
 7-6

Title  
 Archaeological Potential



## STAGE 1 ARCHAEOLOGICAL ASSESSMENT: SELWYN COMMUNITY EXPANSION PROJECT

Closure

March 24, 2022

### 9.0 CLOSURE

This report documents work that was performed in accordance with generally accepted professional standards at the time and location in which the services were provided. No other representations, warranties or guarantees are made concerning the accuracy or completeness of the data or conclusions contained within this report, including no assurance that this work has uncovered all potential archaeological resources associated with the identified property.

All information received from the client or third parties in the preparation of this report has been assumed by Stantec to be correct. Stantec assumes no responsibility for any deficiency or inaccuracy in information received from others.

Conclusions made within this report consist of Stantec's professional opinion as of the time of the writing of this report and are based solely on the scope of work described in the report, the limited data available and the results of the work. The conclusions are based on the conditions encountered by Stantec at the time the work was performed. Due to the nature of archaeological assessment, which consists of systematic sampling, Stantec does not warrant against undiscovered environmental liabilities nor that the sampling results are indicative of the condition of the entire property.

This report has been prepared for the exclusive use of the client identified herein and any use by any third party is prohibited. Stantec assumes no responsibility for losses, damages, liabilities, or claims, howsoever arising, from third party use of this report. We trust this report meets your current requirements. Please do not hesitate to contact us should you require further information or have additional questions about any facet of this report.

Quality Review \_\_\_\_\_  
(signature)

**Colin Varley – Senior Archaeologist, Senior Associate**

Independent Review \_\_\_\_\_  
(signature)

**Tracie Carmichael – Managing Principal, Environmental Services**



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## **APPENDIX A**

### **A.1 Michi Saagig Historical/Background Context**

### **Michi Saagiig Historical/Background context:**

The traditional homelands of the Michi Saagiig (Mississauga Anishinaabeg) encompass a vast area of what is now known as southern Ontario. The Michi Saagiig are known as “the people of the big river mouths” and were also known as the “Salmon People” who occupied and fished the north shore of Lake Ontario where the various tributaries emptied into the lake. Their territories extended north into and beyond the Kawarthas as winter hunting grounds on which they would break off into smaller social groups for the season, hunting and trapping on these lands, then returning to the lakeshore in spring for the summer months.

The Michi Saagiig were a highly mobile people, travelling vast distances to procure subsistence for their people. They were also known as the “Peacekeepers” among Indigenous nations. The Michi Saagiig homelands were located directly between two very powerful Confederacies: The Three Fires Confederacy to the north and the Haudenosaunee Confederacy to the south. The Michi Saagiig were the negotiators, the messengers, the diplomats, and they successfully mediated peace throughout this area of Ontario for countless generations.

Michi Saagiig oral histories speak to their people being in this area of Ontario for thousands of years. These stories recount the “Old Ones” who spoke an ancient Algonquian dialect. The histories explain that the current Ojibwa phonology is the 5<sup>th</sup> transformation of this language, demonstrating a linguistic connection that spans back into deep time. The Michi Saagiig of today are the descendants of the ancient peoples who lived in Ontario during the Archaic and Paleo-Indian periods. They are the original inhabitants of southern Ontario, and they are still here today.

The traditional territories of the Michi Saagiig span from Gananoque in the east, all along the north shore of Lake Ontario, west to the north shore of Lake Erie at Long Point. The territory spreads as far north as the tributaries that flow into these lakes, from Bancroft and north of the Haliburton highlands. This also includes all the tributaries that flow from the height of land north of Toronto like the Oak Ridges Moraine, and all of the rivers that flow into Lake Ontario (the Rideau, the Salmon, the Ganaraska, the Moira, the Trent, the Don, the Rouge, the Etobicoke, the Humber, and the Credit, as well as Wilmot and 16 Mile Creeks) through Burlington Bay and the Niagara region including the Welland and Niagara Rivers, and beyond. The western side of the Michi Saagiig Nation was located around the Grand River which was used as a portage route as the Niagara portage was too dangerous. The Michi Saagiig would portage from present-day Burlington to the Grand River and travel south to the open water on Lake Erie.

Michi Saagiig oral histories also speak to the occurrence of people coming into their territories sometime between 500-1000 A.D. seeking to establish villages and a corn growing economy – these newcomers included peoples that would later be known as the Huron-Wendat, Neutral, Petun/Tobacco Nations. The Michi Saagiig made Treaties with these newcomers and granted them permission to stay with the understanding that they were visitors in these lands. Wampum was made to record these contracts, ceremonies would have bound each nation to their respective responsibilities within the political relationship, and these contracts would have been renewed annually (see Gitiga Migizi and Kapyrka 2015). These visitors were extremely successful as their corn economy grew as well as their populations. However, it was understood by all nations involved that this area of Ontario were the homeland territories of the Michi Saagiig.

The Odawa Nation worked with the Michi Saagiig to meet with the Huron-Wendat, the Petun, and Neutral Nations to continue the amicable political and economic relationship that existed – a symbiotic relationship that was mainly policed and enforced by the Odawa people.

Problems arose for the Michi Saagiig in the 1600s when the European way of life was introduced into southern Ontario. Also, around the same time, the Haudenosaunee were given firearms by the colonial governments in New York and Albany which ultimately made an expansion possible for them into Michi Saagiig territories. There began skirmishes with the various nations living in Ontario at the time. The Haudenosaunee engaged in fighting with the Huron-Wendat and between that and the onslaught of European diseases, the Iroquoian speaking peoples in Ontario were decimated.

The onset of colonial settlement and missionary involvement severely disrupted the original relationships between these Indigenous nations. Disease and warfare had a devastating impact upon the Indigenous peoples of Ontario, especially the large sedentary villages, which mostly included Iroquoian speaking peoples. The Michi Saagiig were largely able to avoid the devastation caused by these processes by retreating to their wintering grounds to the north, essentially waiting for the smoke to clear.

Michi Saagiig Elder Gitiga Migizi (2017) recounts:

*“We weren’t affected as much as the larger villages because we learned to paddle away for several years until everything settled down. And we came back and tried to bury the bones of the Huron but it was overwhelming, it was all over, there were bones all over – that is our story.*

*There is a misnomer here, that this area of Ontario is not our traditional territory and that we came in here after the Huron-Wendat left or were defeated, but that is not true. That is a big misconception of our history that needs to be corrected. We are the traditional people, we are the ones that signed treaties with the Crown. We are recognized as the ones who signed these treaties and we are the ones to be dealt with officially in any matters concerning territory in southern Ontario.*

*We had peacemakers go to the Haudenosaunee and live amongst them in order to change their ways. We had also diplomatically dealt with some of the strong chiefs to the north and tried to make peace as much as possible. So we are very important in terms of keeping the balance of relationships in harmony.*

*Some of the old leaders recognized that it became increasingly difficult to keep the peace after the Europeans introduced guns. But we still continued to meet, and we still continued to have some wampum, which doesn’t mean we negated our territory or gave up our territory – we did not do that. We still consider ourselves a sovereign nation despite legal challenges against that. We still view ourselves as a nation and the government must negotiate from that basis.”*

Often times, southern Ontario is described as being “vacant” after the dispersal of the Huron-Wendat peoples in 1649 (who fled east to Quebec and south to the United States). This is misleading as these territories remained the homelands of the Michi Saagiig Nation.

The Michi Saagiig participated in eighteen treaties from 1781 to 1923 to allow the growing number of European settlers to establish in Ontario. Pressures from increased settlement forced the Michi Saagiig to slowly move into small family groups around the present day communities: Curve Lake First Nation, Hiawatha First Nation, Alderville First Nation, Scugog Island First Nation, New Credit First Nation, and Mississauga First Nation.



The Michi Saagiig have been in Ontario for thousands of years, and they remain here to this day.

\*\*This historical context was prepared by Gitiga Migizi, a respected Elder and Knowledge Keeper of the Michi Saagiig Nation.\*\*

Publication reference:

Gitiga Migizi and Julie Kapyrka

2015 Before, During, and After: Mississauga Presence in the Kawarthas. In *Peterborough Archaeology*, Dirk Verhulst, editor, pp.127-136. Peterborough, Ontario: Peterborough Chapter of the Ontario Archaeological Society.

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# **APPENDIX F:**

## **Cultural Heritage Checklist**



The **purpose of the checklist** is to determine:

- if a property(ies) or project area:
  - is a recognized heritage property
  - may be of cultural heritage value
- it includes all areas that may be impacted by project activities, including – but not limited to:
  - the main project area
  - temporary storage
  - staging and working areas
  - temporary roads and detours

**Processes covered** under this checklist, such as:

- *Planning Act*
- *Environmental Assessment Act*
- *Aggregates Resources Act*
- *Ontario Heritage Act* – Standards and Guidelines for Conservation of Provincial Heritage Properties

### **Cultural Heritage Evaluation Report (CHER)**

If you are not sure how to answer one or more of the questions on the checklist, you may want to hire a qualified person(s) (see page 5 for definitions) to undertake a cultural heritage evaluation report (CHER).

The CHER will help you:

- identify, evaluate and protect cultural heritage resources on your property or project area
- reduce potential delays and risks to a project

### **Other checklists**

Please use a separate checklist for your project, if:

- you are seeking a Renewable Energy Approval under Ontario Regulation 359/09 – [separate checklist](#)
- your Parent Class EA document has an approved screening criteria (as referenced in Question 1)

Please refer to the Instructions pages for more detailed information and when completing this form.

Project or Property Name  
**Selwyn Community Expansion Project**

Project or Property Location (upper and lower or single tier municipality)  
**Township of Selwyn, County of Peterborough**

Proponent Name  
**Enbridge Gas Inc.**

Proponent Contact Information  
**George Tatolis, tel: 416-495-6785, george.tatolis@enbridge.com**

### Screening Questions

	Yes	No
1. Is there a pre-approved screening checklist, methodology or process in place?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**If Yes**, please follow the pre-approved screening checklist, methodology or process.

**If No**, continue to Question 2.

### Part A: Screening for known (or recognized) Cultural Heritage Value

	Yes	No
2. Has the property (or project area) been evaluated before and found <b>not</b> to be of cultural heritage value?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**If Yes**, do **not** complete the rest of the checklist.

The proponent, property owner and/or approval authority will:

- summarize the previous evaluation and
- add this checklist to the project file, with the appropriate documents that demonstrate a cultural heritage evaluation was undertaken

The summary and appropriate documentation may be:

- submitted as part of a report requirement
- maintained by the property owner, proponent or approval authority

**If No**, continue to Question 3.

	Yes	No
3. Is the property (or project area):		
a. identified, designated or otherwise protected under the <i>Ontario Heritage Act</i> as being of cultural heritage value?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. a National Historic Site (or part of)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. designated under the <i>Heritage Railway Stations Protection Act</i> ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. designated under the <i>Heritage Lighthouse Protection Act</i> ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. identified as a Federal Heritage Building by the Federal Heritage Buildings Review Office (FHBRO)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. located within a United Nations Educational, Scientific and Cultural Organization (UNESCO) World Heritage Site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**If Yes** to any of the above questions, you need to hire a qualified person(s) to undertake:

- a Cultural Heritage Evaluation Report, if a Statement of Cultural Heritage Value has not previously been prepared or the statement needs to be updated

If a Statement of Cultural Heritage Value has been prepared previously and if alterations or development are proposed, you need to hire a qualified person(s) to undertake:

- a Heritage Impact Assessment (HIA) – the report will assess and avoid, eliminate or mitigate impacts

**If No**, continue to Question 4.

## Part B: Screening for Potential Cultural Heritage Value

	Yes	No
4. Does the property (or project area) contain a parcel of land that:		
a. is the subject of a municipal, provincial or federal commemorative or interpretive plaque?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. has or is adjacent to a known burial site and/or cemetery?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. is in a Canadian Heritage River watershed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. contains buildings or structures that are 40 or more years old?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

## Part C: Other Considerations

	Yes	No
5. Is there local or Aboriginal knowledge or accessible documentation suggesting that the property (or project area):		
a. is considered a landmark in the local community or contains any structures or sites that are important in defining the character of the area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. has a special association with a community, person or historical event?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. contains or is part of a cultural heritage landscape?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**If Yes** to one or more of the above questions (Part B and C), there is potential for cultural heritage resources on the property or within the project area.

You need to hire a qualified person(s) to undertake:

- a Cultural Heritage Evaluation Report (CHER)

If the property is determined to be of cultural heritage value and alterations or development is proposed, you need to hire a qualified person(s) to undertake:

- a Heritage Impact Assessment (HIA) – the report will assess and avoid, eliminate or mitigate impacts

**If No** to all of the above questions, there is low potential for built heritage or cultural heritage landscape on the property.

The proponent, property owner and/or approval authority will:

- summarize the conclusion
- add this checklist with the appropriate documentation to the project file

The summary and appropriate documentation may be:

- submitted as part of a report requirement e.g. under the *Environmental Assessment Act*, *Planning Act* processes
- maintained by the property owner, proponent or approval authority

## Instructions

Please have the following available, when requesting information related to the screening questions below:

- a clear map showing the location and boundary of the property or project area
  - large scale and small scale showing nearby township names for context purposes
- the municipal addresses of all properties within the project area
- the lot(s), concession(s), and parcel number(s) of all properties within a project area

For more information, see the Ministry of Tourism, Culture and Sport's [Ontario Heritage Toolkit](#) or [Standards and Guidelines for Conservation of Provincial Heritage Properties](#).

In this context, the following definitions apply:

- **qualified person(s)** means individuals – professional engineers, architects, archaeologists, etc. – having relevant, recent experience in the conservation of cultural heritage resources.
- **proponent** means a person, agency, group or organization that carries out or proposes to carry out an undertaking or is the owner or person having charge, management or control of an undertaking.

### 1. Is there a pre-approved screening checklist, methodology or process in place?

An existing checklist, methodology or process may already be in place for identifying potential cultural heritage resources, including:

- one endorsed by a municipality
- an environmental assessment process e.g. screening checklist for municipal bridges
- one that is approved by the Ministry of Tourism, Culture and Sport (MTCS) under the Ontario government's [Standards & Guidelines for Conservation of Provincial Heritage Properties](#) [s.B.2.]

## Part A: Screening for known (or recognized) Cultural Heritage Value

### 2. Has the property (or project area) been evaluated before and found not to be of cultural heritage value?

Respond 'yes' to this question, if all of the following are true:

A property can be considered not to be of cultural heritage value if:

- a Cultural Heritage Evaluation Report (CHER) - or equivalent - has been prepared for the property with the advice of a qualified person and it has been determined not to be of cultural heritage value and/or
- the municipal heritage committee has evaluated the property for its cultural heritage value or interest and determined that the property is not of cultural heritage value or interest

A property may need to be re-evaluated, if:

- there is evidence that its heritage attributes may have changed
- new information is available
- the existing Statement of Cultural Heritage Value does not provide the information necessary to manage the property
- the evaluation took place after 2005 and did not use the criteria in Regulations 9/06 and 10/06

**Note:** Ontario government ministries and public bodies [prescribed under Regulation 157/10] may continue to use their existing evaluation processes, until the evaluation process required under section B.2 of the Standards & Guidelines for Conservation of Provincial Heritage Properties has been developed and approved by MTCS.

To determine if your property or project area has been evaluated, contact:

- the approval authority
- the proponent
- the Ministry of Tourism, Culture and Sport

### 3a. Is the property (or project area) identified, designated or otherwise protected under the *Ontario Heritage Act* as being of cultural heritage value e.g.:

- i. designated under the *Ontario Heritage Act*
  - individual designation (Part IV)
  - part of a heritage conservation district (Part V)



## Individual Designation – Part IV

A property that is designated:

- by a municipal by-law as being of cultural heritage value or interest [s.29 of the *Ontario Heritage Act*]
- by order of the Minister of Tourism, Culture and Sport as being of cultural heritage value or interest of provincial significance [s.34.5]. **Note:** To date, no properties have been designated by the Minister.

## Heritage Conservation District – Part V

A property or project area that is located within an area designated by a municipal by-law as a heritage conservation district [s. 41 of the *Ontario Heritage Act*].

For more information on Parts IV and V, contact:

- municipal clerk
- [Ontario Heritage Trust](#)
- local land registry office (for a title search)

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ii. subject of an agreement, covenant or easement entered into under Parts II or IV of the *Ontario Heritage Act*

An agreement, covenant or easement is usually between the owner of a property and a conservation body or level of government. It is usually registered on title.

The primary purpose of the agreement is to:

- preserve, conserve, and maintain a cultural heritage resource
- prevent its destruction, demolition or loss

For more information, contact:

- [Ontario Heritage Trust](#) - for an agreement, covenant or easement [clause 10 (1) (c) of the *Ontario Heritage Act*]
- municipal clerk – for a property that is the subject of an easement or a covenant [s.37 of the *Ontario Heritage Act*]
- local land registry office (for a title search)

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iii. listed on a register of heritage properties maintained by the municipality

Municipal registers are the official lists - or record - of cultural heritage properties identified as being important to the community.

Registers include:

- all properties that are designated under the *Ontario Heritage Act* (Part IV or V)
- properties that have not been formally designated, but have been identified as having cultural heritage value or interest to the community

For more information, contact:

- municipal clerk
- municipal heritage planning staff
- municipal heritage committee

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iv. subject to a notice of:

- intention to designate (under Part IV of the *Ontario Heritage Act*)
- a Heritage Conservation District study area bylaw (under Part V of the *Ontario Heritage Act*)

A property that is subject to a **notice of intention to designate** as a property of cultural heritage value or interest and the notice is in accordance with:

- section 29 of the *Ontario Heritage Act*
- section 34.6 of the *Ontario Heritage Act*. **Note:** To date, the only applicable property is Meldrum Bay Inn, Manitoulin Island. [s.34.6]

An area designated by a municipal by-law made under section 40.1 of the *Ontario Heritage Act* as a **heritage conservation district study area**.

For more information, contact:

- municipal clerk – for a property that is the subject of notice of intention [s. 29 and s. 40.1]
- [Ontario Heritage Trust](#)

v. included in the Ministry of Tourism, Culture and Sport's list of provincial heritage properties

Provincial heritage properties are properties the Government of Ontario owns or controls that have cultural heritage value or interest.

The Ministry of Tourism, Culture and Sport (MTCS) maintains a list of all provincial heritage properties based on information provided by ministries and prescribed public bodies. As they are identified, MTCS adds properties to the list of provincial heritage properties.

For more information, contact the MTCS Registrar at [registrar@ontario.ca](mailto:registrar@ontario.ca).

### **3b. Is the property (or project area) a National Historic Site (or part of)?**

National Historic Sites are properties or districts of national historic significance that are designated by the Federal Minister of the Environment, under the *Canada National Parks Act*, based on the advice of the Historic Sites and Monuments Board of Canada.

For more information, see the [National Historic Sites website](#).

### **3c. Is the property (or project area) designated under the *Heritage Railway Stations Protection Act*?**

The *Heritage Railway Stations Protection Act* protects heritage railway stations that are owned by a railway company under federal jurisdiction. Designated railway stations that pass from federal ownership may continue to have cultural heritage value.

For more information, see the [Directory of Designated Heritage Railway Stations](#).

### **3d. Is the property (or project area) designated under the *Heritage Lighthouse Protection Act*?**

The *Heritage Lighthouse Protection Act* helps preserve historically significant Canadian lighthouses. The Act sets up a public nomination process and includes heritage building conservation standards for lighthouses which are officially designated.

For more information, see the [Heritage Lighthouses of Canada](#) website.

### **3e. Is the property (or project area) identified as a Federal Heritage Building by the Federal Heritage Buildings Review Office?**

The role of the Federal Heritage Buildings Review Office (FHBRO) is to help the federal government protect the heritage buildings it owns. The policy applies to all federal government departments that administer real property, but not to federal Crown Corporations.

For more information, contact the [Federal Heritage Buildings Review Office](#).

See a [directory of all federal heritage designations](#).

### **3f. Is the property (or project area) located within a United Nations Educational, Scientific and Cultural Organization (UNESCO) World Heritage Site?**

A UNESCO World Heritage Site is a place listed by UNESCO as having outstanding universal value to humanity under the Convention Concerning the Protection of the World Cultural and Natural Heritage. In order to retain the status of a World Heritage Site, each site must maintain its character defining features.

Currently, the Rideau Canal is the only World Heritage Site in Ontario.

For more information, see Parks Canada – [World Heritage Site website](#).

## **Part B: Screening for potential Cultural Heritage Value**

### **4a. Does the property (or project area) contain a parcel of land that has a municipal, provincial or federal commemorative or interpretive plaque?**

Heritage resources are often recognized with formal plaques or markers.

Plaques are prepared by:

- municipalities
- provincial ministries or agencies
- federal ministries or agencies
- local non-government or non-profit organizations

For more information, contact:

- [municipal heritage committees](#) or local heritage organizations – for information on the location of plaques in their community
- Ontario Historical Society's [Heritage directory](#) – for a list of historical societies and heritage organizations
- Ontario Heritage Trust – for a [list of plaques](#) commemorating Ontario's history
- Historic Sites and Monuments Board of Canada – for a [list of plaques](#) commemorating Canada's history

#### **4b. Does the property (or project area) contain a parcel of land that has or is adjacent to a known burial site and/or cemetery?**

For more information on known cemeteries and/or burial sites, see:

- Cemeteries Regulations, Ontario Ministry of Consumer Services – for a [database of registered cemeteries](#)
- Ontario Genealogical Society (OGS) – to [locate records of Ontario cemeteries](#), both currently and no longer in existence; cairns, family plots and burial registers
- Canadian County Atlas Digital Project – to [locate early cemeteries](#)

In this context, adjacent means contiguous or as otherwise defined in a municipal official plan.

#### **4c. Does the property (or project area) contain a parcel of land that is in a Canadian Heritage River watershed?**

The Canadian Heritage River System is a national river conservation program that promotes, protects and enhances the best examples of Canada's river heritage.

Canadian Heritage Rivers must have, and maintain, outstanding natural, cultural and/or recreational values, and a high level of public support.

For more information, contact the [Canadian Heritage River System](#).

If you have questions regarding the boundaries of a watershed, please contact:

- your conservation authority
- municipal staff

#### **4d. Does the property (or project area) contain a parcel of land that contains buildings or structures that are 40 or more years old?**

A 40 year 'rule of thumb' is typically used to indicate the potential of a site to be of cultural heritage value. The approximate age of buildings and/or structures may be estimated based on:

- history of the development of the area
- fire insurance maps
- architectural style
- building methods

Property owners may have information on the age of any buildings or structures on their property. The municipality, local land registry office or library may also have background information on the property.

**Note:** 40+ year old buildings or structure do not necessarily hold cultural heritage value or interest; their age simply indicates a higher potential.

A building or structure can include:

- residential structure
- farm building or outbuilding
- industrial, commercial, or institutional building
- remnant or ruin
- engineering work such as a bridge, canal, dams, etc.

For more information on researching the age of buildings or properties, see the Ontario Heritage Tool Kit Guide [Heritage Property Evaluation](#).

## Part C: Other Considerations

### 5a. Is there local or Aboriginal knowledge or accessible documentation suggesting that the property (or project area) is considered a landmark in the local community or contains any structures or sites that are important to defining the character of the area?

Local or Aboriginal knowledge may reveal that the project location is situated on a parcel of land that has potential landmarks or defining structures and sites, for instance:

- buildings or landscape features accessible to the public or readily noticeable and widely known
- complexes of buildings
- monuments
- ruins

### 5b. Is there local or Aboriginal knowledge or accessible documentation suggesting that the property (or project area) has a special association with a community, person or historical event?

Local or Aboriginal knowledge may reveal that the project location is situated on a parcel of land that has a special association with a community, person or event of historic interest, for instance:

- Aboriginal sacred site
- traditional-use area
- battlefield
- birthplace of an individual of importance to the community

### 5c. Is there local or Aboriginal knowledge or accessible documentation suggesting that the property (or project area) contains or is part of a cultural heritage landscape?

Landscapes (which may include a combination of archaeological resources, built heritage resources and landscape elements) may be of cultural heritage value or interest to a community.

For example, an Aboriginal trail, historic road or rail corridor may have been established as a key transportation or trade route and may have been important to the early settlement of an area. Parks, designed gardens or unique landforms such as waterfalls, rock faces, caverns, or mounds are areas that may have connections to a particular event, group or belief.

For more information on Questions 5.a., 5.b. and 5.c., contact:

- Elders in Aboriginal Communities or community researchers who may have information on potential cultural heritage resources. Please note that Aboriginal traditional knowledge may be considered sensitive.
- [municipal heritage committees](#) or local heritage organizations
- Ontario Historical Society's "[Heritage Directory](#)" - for a list of historical societies and heritage organizations in the province

An internet search may find helpful resources, including:

- historical maps
- historical walking tours
- municipal heritage management plans
- cultural heritage landscape studies
- municipal cultural plans

Information specific to trails may be obtained through [Ontario Trails](#).

# **APPENDIX G:**

## **Environmental Alignment Sheets**









Resources	CONSERVATION AUTHORITY REGULATED AREA / ANSI				Development Control Area (ORCA)				Development Control Area (ORCA)
	WETLAND WATERCOURSE ANSI				Wetland				Wetland
	VEGETATION				Wooded Area				Wooded Area
	WATER WELL WITHIN 50 m	Well Present						Wells Present	
	LINEAR FEATURES	Driveways & Roads		Driveways & Roads		Driveways & Roads		Driveways & Roads	
	ENVIRONMENTALLY SENSITIVE AREA								
	SPECIES AT RISK (SAR) HABITAT								

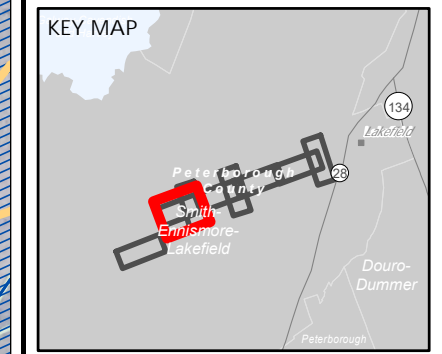
Construction Mitigation Notes:  
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 Note 6: Permit from ORCA required. Refer to row section 3.4.1 'Aquatic Resources' and row section 3.4.3 'Wetlands' in Table 5.1 of the ER.  
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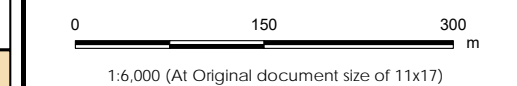


Construction Mitigation	CONSTRUCTION REQUIREMENTS	Note 8		Note 8		Note 8		Note 8		
	FISHERIES TIMING RESTRICTIONS (CONSTRUCT BETWEEN)									
	PIPELINE CROSSING METHODS				Note 1				Note 1	
	VEGETATION RESTRICTIONS				Notes 2 & 3			Notes 2 & 3		
	PERMITTING REQUIREMENTS				Note 6				Note 6	
	MONITORING	Notes 4 & 5						Notes 4 & 5		
	SPECIES AT RISK (SAR) HABITAT									
	POTENTIALLY CONTAMINATED SITES									

- Legend
- Preferred Route (Segment Evaluated)
  - Preferred Route (Segment not Evaluated on this page)
  - Base / Environmental Features
  - Water Well (MECP)
  - Warm Water, Thermal Regime
  - Watercourse
  - Development Control Area (ORCA)
  - Provincially Significant Wetland
  - Unevaluated Wetland (per OWES)
  - Waterbody
  - Wooded Area



- Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
  2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2022.
  3. Orthoimagery © First Base Solutions, 2022. Date of Imagery 2008.
  4. MOECC Water well locations are approximate and have been positioned based on published UTM coordinates © Queen's Printer for Ontario, 2022.
  5. Development Control Area provided under licence agreement from Otonabee Region Conservation Authority (ORCA).



Project Location: 160951299  
 County of Northumberland  
 Prepared by KB on 2022-03-08  
 Technical Review by SE on 2022-02-24

Client/Project  
 ENBRIDGE GAS INC  
 SELWYN COMMUNITY EXPANSION PROJECT

Figure No.  
 A-2

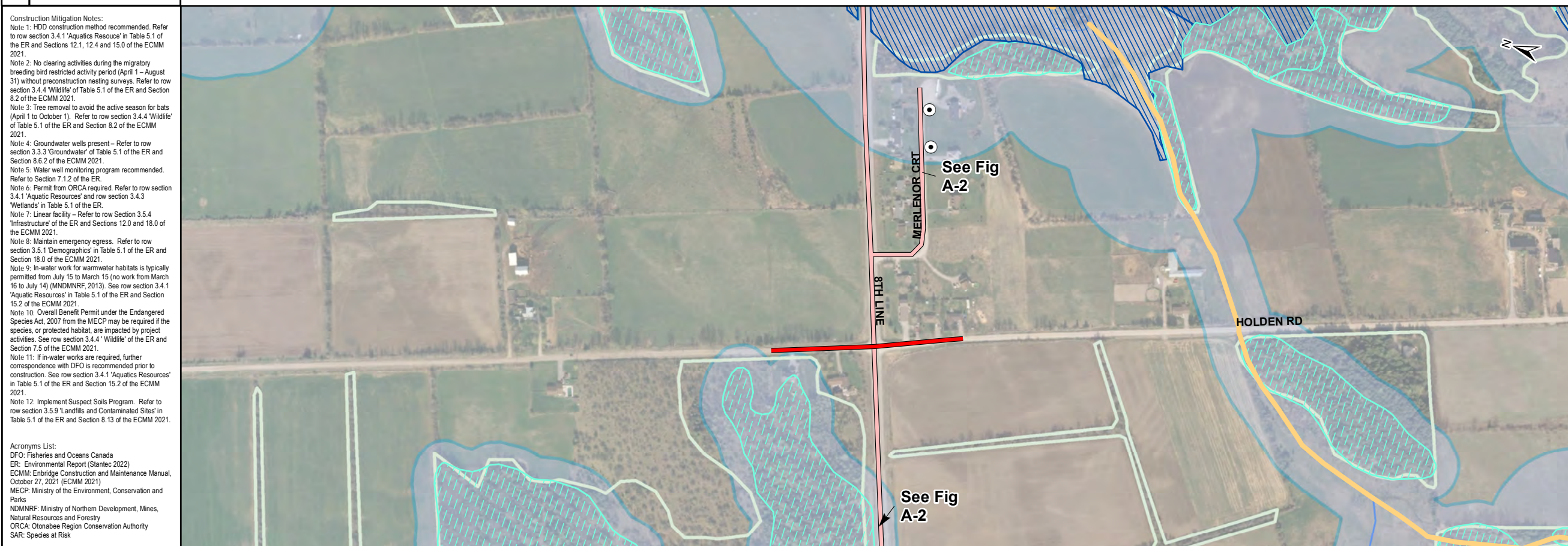
Title  
 Environmental Alignment  
 Sheets - Map 2



Resources	CONSERVATION AUTHORITY REGULATED AREA / ANSI	Development Control Area (ORCA)
	WETLAND WATERCOURSE ANSI	
	VEGETATION	Wooded Area
	WATER WELL WITHIN 50 m	
	LINEAR FEATURES	Driveways & Roads
	ENVIRONMENTALLY SENSITIVE AREA	
SPECIES AT RISK (SAR) HABITAT		

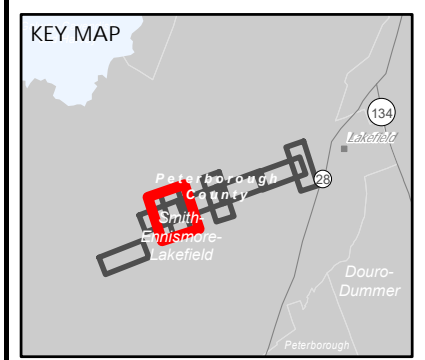
Legend

- Preferred Route (Segment Evaluated)
- Preferred Route (Segment not Evaluated on this page)
- Base / Environmental Features
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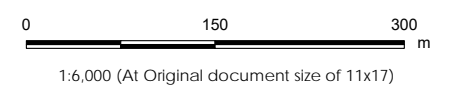
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Construction Mitigation	CONSTRUCTION REQUIREMENTS	Note 8
	FISHERIES TIMING RESTRICTIONS (CONSTRUCT BETWEEN)	
	PIPELINE CROSSING METHODS	
	VEGETATION RESTRICTIONS	Notes 2 & 3
	PERMITTING REQUIREMENTS	Note 6
	MONITORING	
	SPECIES AT RISK (SAR) HABITAT	
	POTENTIALLY CONTAMINATED SITES	

Notes

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 Technical Review by SE on 2022-02-24

Client/Project  
 ENBRIDGE GAS INC  
 SELWYN COMMUNITY EXPANSION PROJECT

Figure No.  
 A-3

Title  
 Environmental Alignment  
 Sheets - Map 3

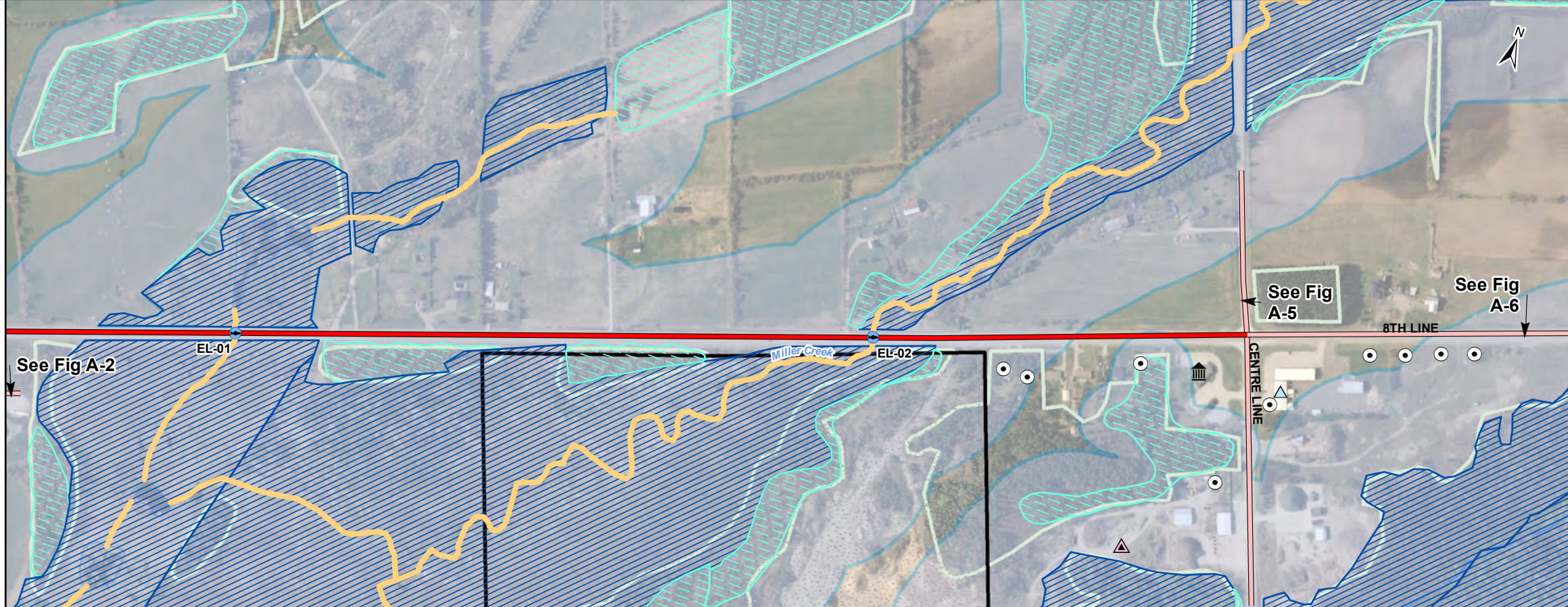
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 Revised: 2022-02-08 By: searles



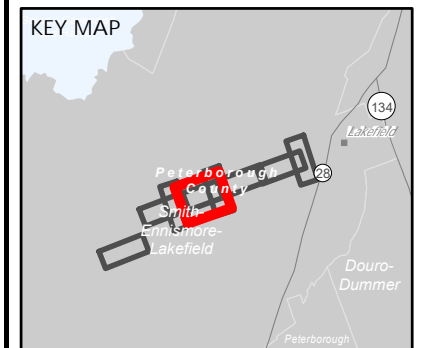
Resources	CONSERVATION AUTHORITY REGULATED AREA / ANSI	Development Control Area (ORCA)				Development Control Area (ORCA)		Development Control Area (ORCA)	
	WETLAND WATERCOURSE ANSI	Wetland				Wetland			
	VEGETATION	Wooded Area	Wooded Area	Wooded Area	Wooded Area	Wooded Area	Wooded Area		
	WATER WELL WITHIN 50 m				Wells Present		Wells Present		
	LINEAR FEATURES		Driveways & Roads		Driveways & Roads				
	ENVIRONMENTALLY SENSITIVE AREA								
	SPECIES AT RISK (SAR) HABITAT		Potential SAR Habitat		Potential SAR Habitat				

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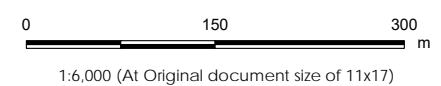


- Legend
- Preferred Route (Segment Evaluated)
  - - - Preferred Route (Segment not Evaluated on this page)
  - Base / Environmental Features
  - Water Well (MECP)
  - Hazardous Waste (MOECC)
  - Watercourse Crossing Location
  - Warm Water, Thermal Regime
  - Watercourse
  - Aggregate Site (Active)
  - Development Control Area (ORCA)
  - Provincially Significant Wetland
  - Unevaluated Wetland (per OWES)
  - Waterbody
  - Wooded Area
  - Socio-Economic Features
  - Civic Building
  - Potentially Contaminated Site



Construction Mitigation	CONSTRUCTION REQUIREMENTS		Note 8		Note 8	
	FISHERIES TIMING RESTRICTIONS (CONSTRUCT BETWEEN)	Note 9		Note 9		
	PIPELINE CROSSING METHODS		Note 1		Note 1	
	VEGETATION RESTRICTIONS		Notes 2 & 3	Notes 2 & 3	Notes 2 & 3	Notes 2 & 3
	PERMITTING REQUIREMENTS		Note 6		Note 6	Note 6
	MONITORING			Notes 4 & 5		Notes 4 & 5
	SPECIES AT RISK (SAR) HABITAT	Note 10		Note 10		
	POTENTIALLY CONTAMINATED SITES				Note 12	

- Notes
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Client/Project  
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 SELWYN COMMUNITY EXPANSION PROJECT

Figure No.  
 A-4  
 Title  
 Environmental Alignment  
 Sheets - Map 4

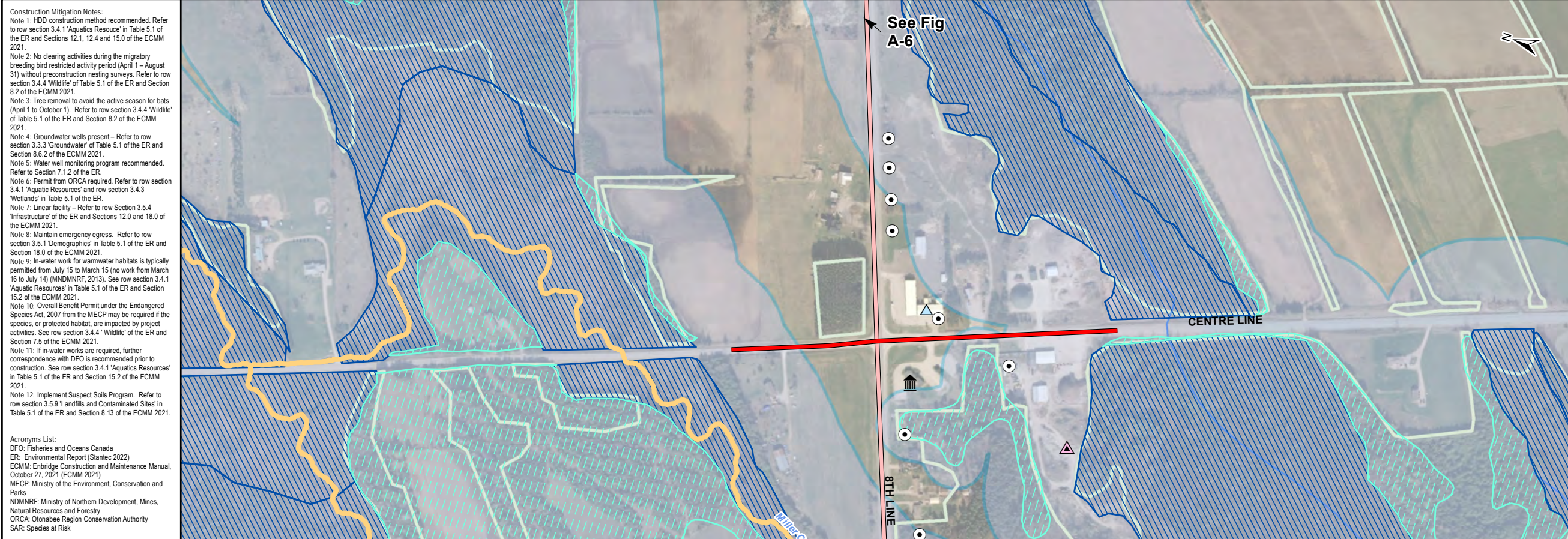
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 Revised: 2022-03-08 By: searles



Resources	CONSERVATION AUTHORITY REGULATED AREA / ANSI		Development Control Area (ORCA)		Development Control Area (ORCA)	
	WETLAND WATERCOURSE ANSI					
	VEGETATION		Wooded Area		Wooded Area	
	WATER WELL WITHIN 50 m			Well Present	Well Present	
	LINEAR FEATURES				Driveways & Roads	
	ENVIRONMENTALLY SENSITIVE AREA					
SPECIES AT RISK (SAR) HABITAT						

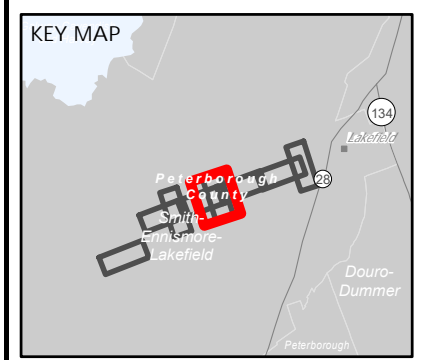
**Legend**

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- Preferred Route (Segment not Evaluated on this page)
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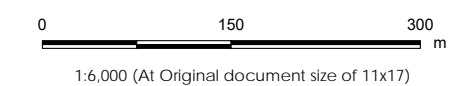
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Construction Mitigation	CONSTRUCTION REQUIREMENTS			Note 8	
	FISHERIES TIMING RESTRICTIONS (CONSTRUCT BETWEEN)				
	PIPELINE CROSSING METHODS				
	VEGETATION RESTRICTIONS		Notes 2 & 3		Notes 2 & 3
	PERMITTING REQUIREMENTS	Note 6			Note 6
	MONITORING			Notes 4 & 5	Notes 4 & 5
	SPECIES AT RISK (SAR) HABITAT				
	POTENTIALLY CONTAMINATED SITES		Note 12		Note 12

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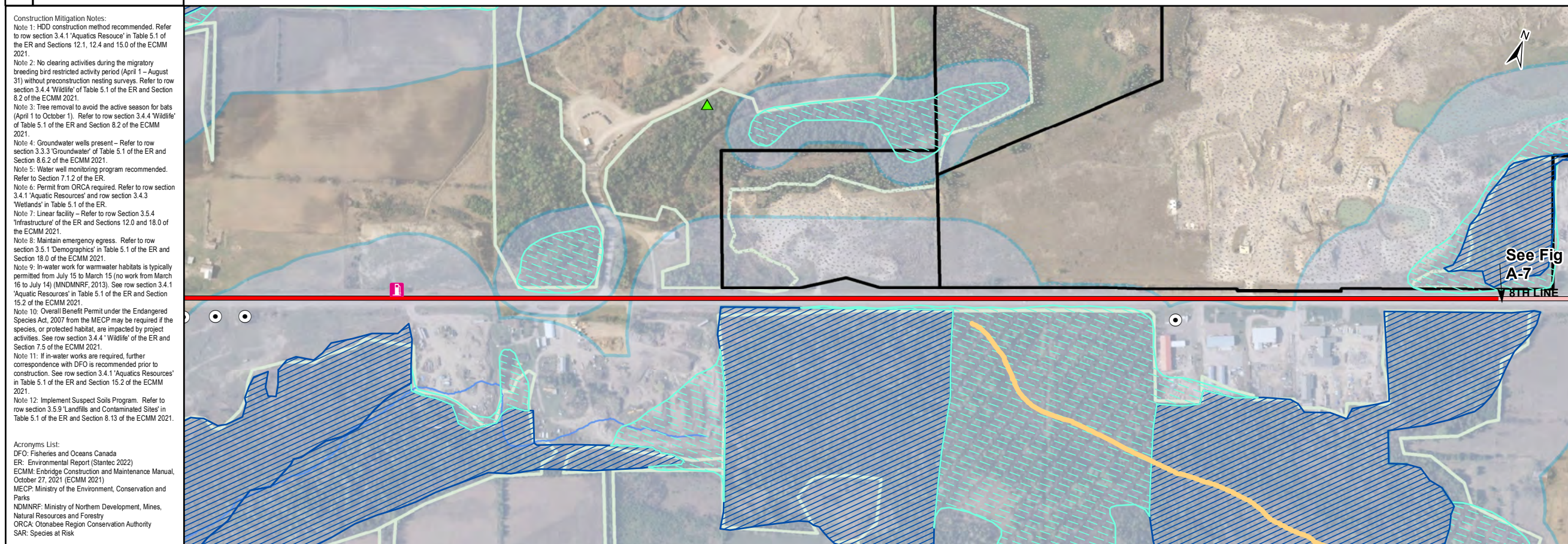
Figure No.  
 A-5

Title  
 Environmental Alignment  
 Sheets - Map 5

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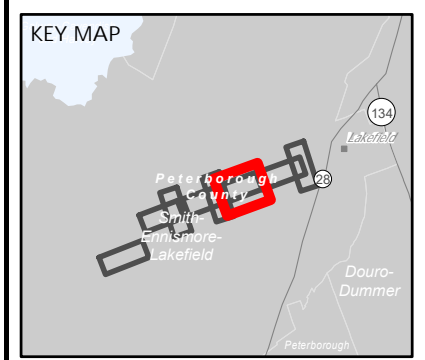


Resources	CONSERVATION AUTHORITY REGULATED AREA / ANSI	Development Control Area (ORCA)			
	WETLAND WATERCOURSE ANSI	Wetland	Wetland	Wetland	Wetland
	VEGETATION	Wooded Area		Wooded Area	Wooded Area
	WATER WELL WITHIN 50 m	Wells Present		Water Well	
	LINEAR FEATURES	Driveways & Roads		Driveways & Roads	Driveways & Roads
	ENVIRONMENTALLY SENSITIVE AREA				
	SPECIES AT RISK (SAR) HABITAT				

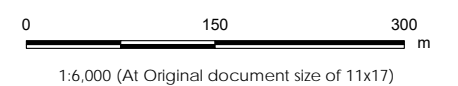


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	FISHERIES TIMING RESTRICTIONS (CONSTRUCT BETWEEN)				
	PIPELINE CROSSING METHODS	Note 1	Note 1	Note 1	Note 1
	VEGETATION RESTRICTIONS	Notes 2 & 3		Notes 2 & 3	Notes 2 & 3
	PERMITTING REQUIREMENTS	Note 6			
	MONITORING	Notes 4 & 5	Notes 4 & 5		
	SPECIES AT RISK (SAR) HABITAT				
	POTENTIALLY CONTAMINATED SITES	Note 12	Note 12		

- Legend**
- Preferred Route (Segment Evaluated)
  - Preferred Route (Segment not Evaluated on this page)
  - Base / Environmental Features**
  - Water Well (MECP)
  - ▲ Landfill - Active
  - ▲ Landfill - Closed
  - Warm Water, Thermal Regime
  - Watercourse
  - Aggregate Site (Active)
  - Development Control Area (ORCA)
  - Provincially Significant Wetland
  - Unevaluated Wetland (per OWES)
  - Wooded Area
  - Socio-Economic Features**
  - Gas Station



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 County of Northumberland Prepared by KB on 2022-03-08  
 Technical Review by SE on 2022-02-24

Client/Project  
 ENBRIDGE GAS INC  
 SELWYN COMMUNITY EXPANSION PROJECT

Figure No.  
 A-6

Title  
 Environmental Alignment  
 Sheets - Map 6

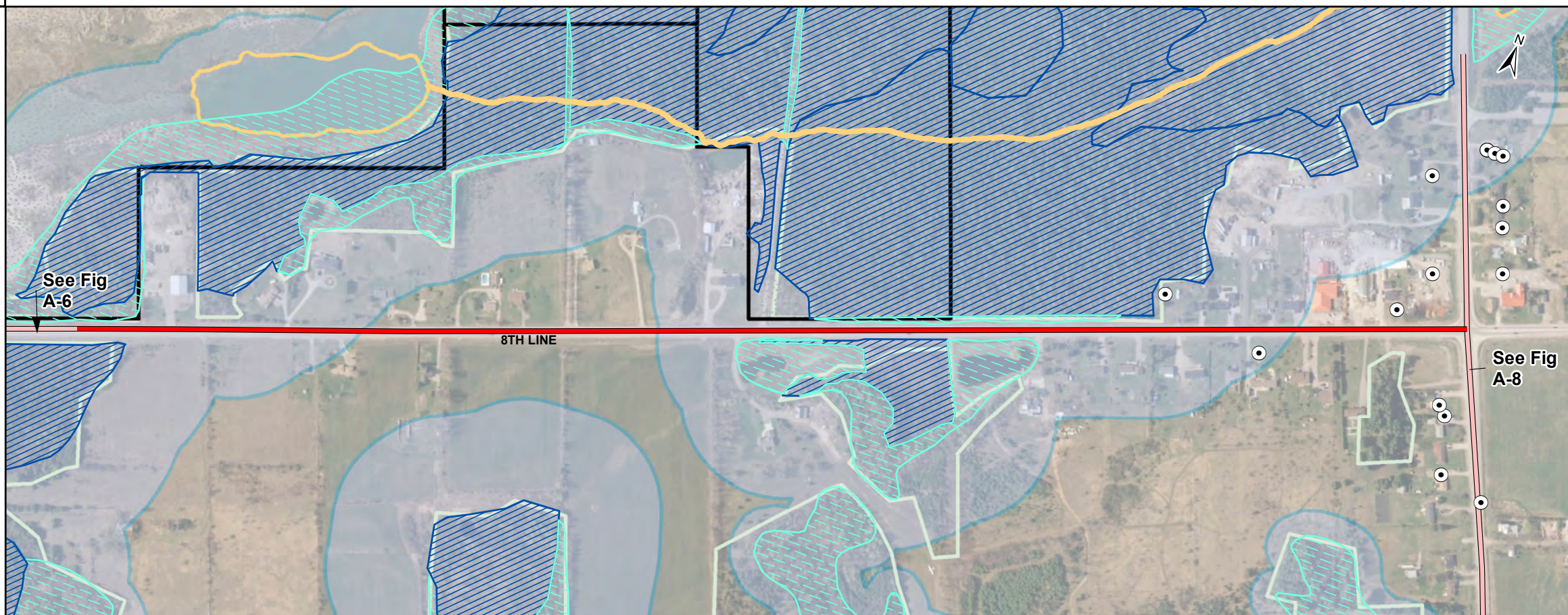
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 Revised: 2022-03-08 By: searles



Resources	CONSERVATION AUTHORITY REGULATED AREA / ANSI	Development Control Area (ORCA)		Development Control Area (ORCA)		
	WETLAND WATERCOURSE ANSI	Wetland		Wetland		
	VEGETATION	Wooded Area	Wooded Area			
	WATER WELL WITHIN 50 m				Wells Present	
	LINEAR FEATURES	Driveways & Roads	Driveways & Roads	Driveways & Roads		
	ENVIRONMENTALLY SENSITIVE AREA					
	SPECIES AT RISK (SAR) HABITAT					

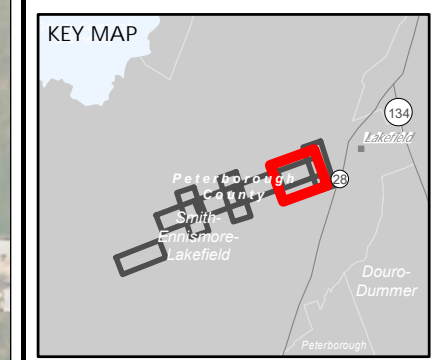
Construction Mitigation Notes:  
 Note 1: HDD construction method recommended. Refer to row section 3.4.1 'Aquatics Resource' in Table 5.1 of the ER and Sections 12.1, 12.4 and 15.0 of the ECMM 2021.  
 Note 2: No clearing activities during the migratory breeding bird restricted activity period (April 1 – August 31) without preconstruction nesting surveys. Refer to row section 3.4.4 'Wildlife' of Table 5.1 of the ER and Section 8.2 of the ECMM 2021.  
 Note 3: Tree removal to avoid the active season for bats (April 1 to October 1). Refer to row section 3.4.4 'Wildlife' of Table 5.1 of the ER and Section 8.2 of the ECMM 2021.  
 Note 4: Groundwater wells present – Refer to row section 3.3.3 'Groundwater' of Table 5.1 of the ER and Section 8.6.2 of the ECMM 2021.  
 Note 5: Water well monitoring program recommended. Refer to Section 7.1.2 of the ER.  
 Note 6: Permit from ORCA required. Refer to row section 3.4.1 'Aquatic Resources' and row section 3.4.3 'Wetlands' in Table 5.1 of the ER.  
 Note 7: Linear facility – Refer to row Section 3.5.4 'Infrastructure' of the ER and Sections 12.0 and 18.0 of the ECMM 2021.  
 Note 8: Maintain emergency egress. Refer to row section 3.5.1 'Demographics' in Table 5.1 of the ER and Section 18.9 of the ECMM 2021.  
 Note 9: In-water work for warmwater habitats is typically permitted from July 15 to March 15 (no work from March 16 to July 14) (MNDMNR, 2013). See row section 3.4.1 'Aquatic Resources' in Table 5.1 of the ER and Section 15.2 of the ECMM 2021.  
 Note 10: Overall Benefit Permit under the Endangered Species Act, 2007 from the MECP may be required if the species, or protected habitat, are impacted by project activities. See row section 3.4.4 'Wildlife' of the ER and Section 7.5 of the ECMM 2021.  
 Note 11: If in-water works are required, further correspondence with DFO is recommended prior to construction. See row section 3.4.1 'Aquatic Resources' in Table 5.1 of the ER and Section 15.2 of the ECMM 2021.  
 Note 12: Implement Suspect Soils Program. Refer to row section 3.5.9 'Landfills and Contaminated Sites' in Table 5.1 of the ER and Section 8.13 of the ECMM 2021.

Acronyms List:  
 DFO: Fisheries and Oceans Canada  
 ER: Environmental Report (Stantec 2022)  
 ECMM: Enbridge Construction and Maintenance Manual, October 27, 2021 (ECMM 2021)  
 MECP: Ministry of the Environment, Conservation and Parks  
 MNDMNR: Ministry of Northern Development, Mines, Natural Resources and Forestry  
 ORCA: Otonabee Region Conservation Authority  
 SAR: Species at Risk



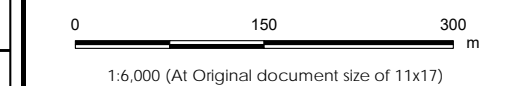
Legend

- Preferred Route (Segment Evaluated)
- Preferred Route (Segment not Evaluated on this page)
- Base / Environmental Features
- Water Well (MECP)
- Warm Water, Thermal Regime
- Watercourse
- Aggregate Site (Active)
- Development Control Area (ORCA)
- Provincially Significant Wetland
- Unevaluated Wetland (per OWES)
- Waterbody
- Wooded Area
- Socio-Economic Features
- Place of Worship



Notes

- Coordinate System: NAD 1983 UTM Zone 17N
- Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2022.
- Orthomagey © First Base Solutions, 2022. Date of Imagery 2008.
- MOECC Water well locations are approximate and have been positioned based on published UTM coordinates © Queen's Printer for Ontario, 2022.
- Development Control Area provided under licence agreement from Otonabee Region Conservation Authority (ORCA).



Construction Mitigation	CONSTRUCTION REQUIREMENTS	Note 8	Note 8	Note 8	
	FISHERIES TIMING RESTRICTIONS (CONSTRUCT BETWEEN)				
	PIPELINE CROSSING METHODS	Note 1		Note 1	
	VEGETATION RESTRICTIONS	Notes 2 & 3	Notes 2 & 3		
	PERMITTING REQUIREMENTS	Note 6		Note 6	
	MONITORING				Notes 4 & 5
	SPECIES AT RISK (SAR) HABITAT				
POTENTIALLY CONTAMINATED SITES					

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Client/Project  
 ENBRIDGE GAS INC  
 SELWYN COMMUNITY EXPANSION PROJECT

Figure No.  
 A-7

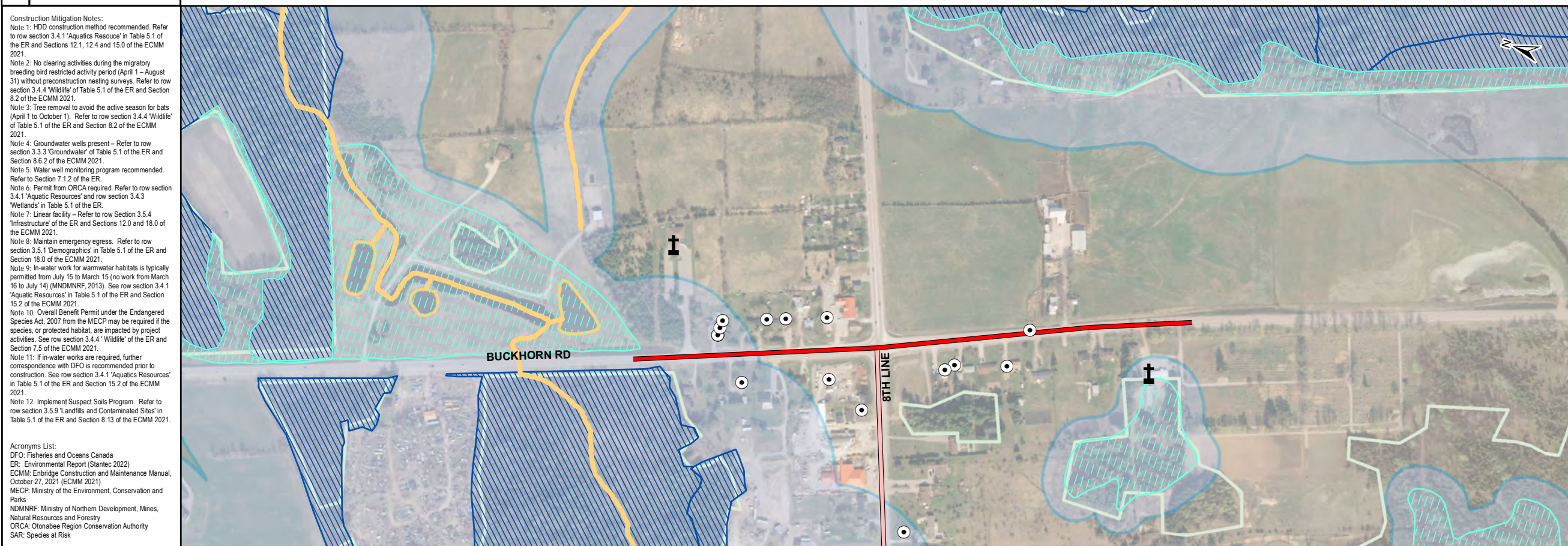
Title  
 Environmental Alignment  
 Sheets - Map 7

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 Revised: 2022-03-08 By: searles



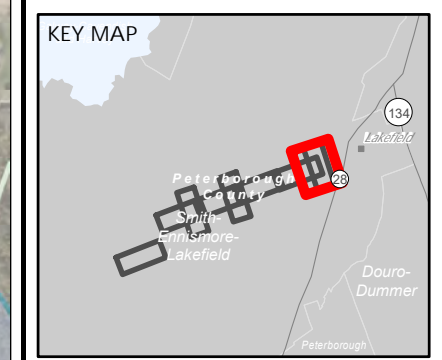
Resources	CONSERVATION AUTHORITY REGULATED AREA / ANSI	Development Control Area (ORCA)				
	WETLAND WATERCOURSE ANSI	Wetland				
	VEGETATION	Wooded Area				
	WATER WELL WITHIN 50 m		Wells Present		Wells Present	
	LINEAR FEATURES	Driveways & Roads				
	ENVIRONMENTALLY SENSITIVE AREA					
	SPECIES AT RISK (SAR) HABITAT					

- Legend**
- Preferred Route (Segment Evaluated)
  - Preferred Route (Segment not Evaluated on this page)
  - Base / Environmental Features
  - Water Well (MECP)
  - Harardous Waste (MOECC)
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  - Watercourse
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  - Waterbody
  - Wooded Area
  - Socio-Economic Features
  - Place of Worship



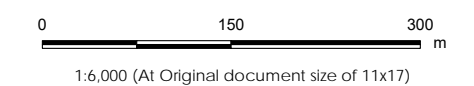
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	MONITORING	Notes 4 & 5		Notes 4 & 5		
	SPECIES AT RISK (SAR) HABITAT					
	POTENTIALLY CONTAMINATED SITES					

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Figure No.  
 A-8

Title  
 Environmental Alignment  
 Sheets - Map 8

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 Revised: 2022-03-08 By: searles